DRAFT FINAL

PHASE II RFI/RI AQUIFER TEST REPORT

VOLUME II-APPENDICES

ROCKY FLATS PLANT

903 PAD, MOUND, AND EAST
TRENCHES AREAS (OPERABLE UNIT NO 2)

U S DEPARTMENT OF ENERGY

ROCKY FLATS PLANT

GOLDEN, COLORADO

ENVIRONMENTAL RESTORATION PROGRAM

August 14, 1992

REVIEWED FOR CLASSIFICATION/UCNI
By
Date 8/19/92 (UNP)

ADMIN RECORD

DRAFT FINAL

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ENVIRONMENTAL RESTORATION PROGRAM

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Date

ADMIN RECORD

APPENDIX A

WELL CONSTRUCTION AND LITHOLOGIC INFORMATION

VIEWED FOR CLASSIFICATION/UCNI
By K. L. Dallaresa
Date 8/19/92 (UNU)

NOTICE:

"BEST AVAILABLE COPY"

PORTIONS OF THE FOLLOWING DOCUMENT ARE ILLEGIBLE

The Administrative Record Staff

OU2-ALLUVIUM

RFEDS
WELL INSTALLATION FORM

Well Number PW 2Ø891 Project Number 4ØØ6 EMAD
Old Well No

Area NE Trenches North or Y East or X
Purpose GW Plume Characterization / Pump Testing
Formation Ka SS Well Status Active
Contractor Woodward-Clyde Drilling Method Hollow-Stem Auger
Geologist B Edgerly Locator H14 Top of pad (~6" thick
Date Drilled 4/3-4/7/92 Ground Elev 5,949 35 ft 5,949 85

Total Depth 64Ø ft Stick Up ft
Depth to Bedrock 64Ø ft Completed Depth 64Ø ft
Casing Diameter 2 0 in Borehole Diam 10 0 in

Monitoring Interval 21 7 ft to 63 7 ft
Initial Water Level 37Ø ft Date 4-3-92
Completed Water Level 22Ø ft Date 4-7-92

Item	From		To		I D		Type
Surface Seal		f		ft			Concrete
Protective Casing		ft		ft	6 0	in	Steel
Surface Casing	64Ø	f	-2Ø	ft	2 0	in	PVC Sch 40
Secondary Casing	N/A	ft		ft		in	N/A
Centralizer	~~N/A~~ 4Ø5	ft	41 5	ft	2 75	in	N/A
Bentonite Seal	19Ø	f	14Ø	f			Bentonite
Filter Pack	64Ø	f	18Ø	ft			16-40 Sand
Volume	24Ø cu ft						
Screen	63 7	ft	21 7	ft	2 0	in	PVC Sch 40
Slot Size	0 01 in						
Sump	64Ø	f	63 7	f	2 0	in	PVC Sch 40
Backfill Seal	N/A	ft		ft			Bentonite
Backfill	N/A	f		ft			Bentonite
Volume	cu f						

Tecutek
Rel 4-08-92

OU2-ALLUVIUM

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT 3

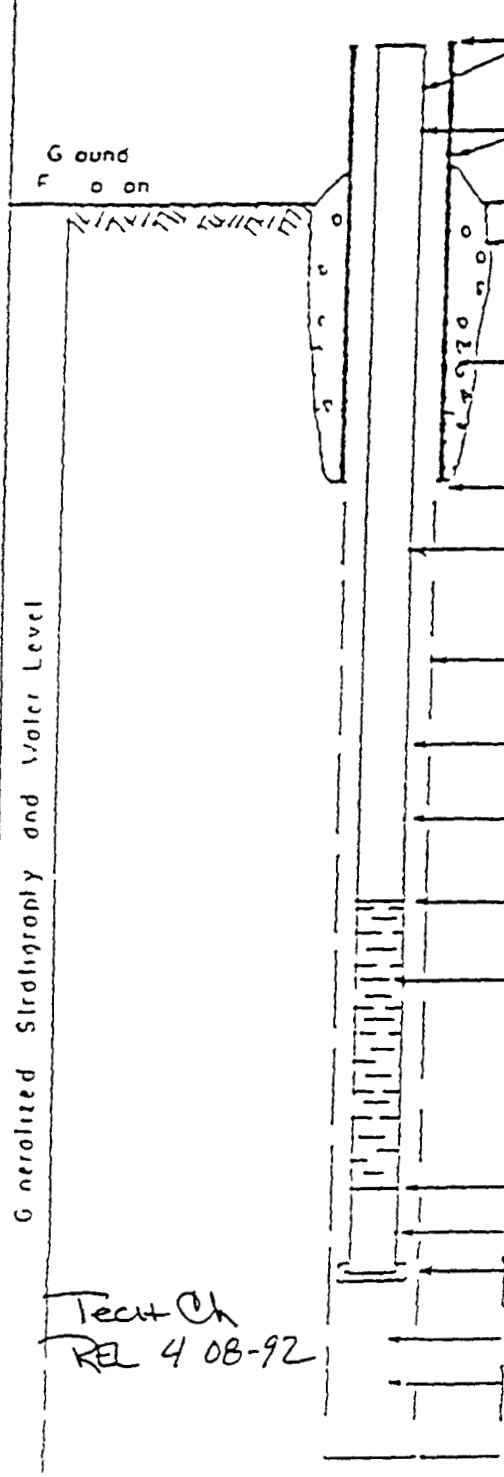
FORM GT 6A

GROUNDWATER MONITORING WELL AND PIEZOMETER REPORT

PROJECT OU2 RFI/RI Phase II
LOCATION NE Trenches
Date Completed 4-7-92 Original Depth 64 Ø ft
Inspected By _____ Date _____
Checked By _____ Date _____

Page 1 of 1
Well No PW2Ø891
Aquifer Ka, SS
Depth Interval 217-63 7 ft

NOTE CENTRALIZER DEPTHS



Elevation of top of surface casing / riser pipe	
Height of top of surface casing / riser pipe above ground surface	-22ft / -2Øft
Depth of surface seal below ground surface	3Ø ft
Type of surface seal: concrete	
I.D. of surface casing	6Ø in
Type of surface casing: steel	
Depth of surface casing below ground	28ft
I.D. of riser pipe	2Ø in
Type of riser pipe: PVC sch 4Ø	
Diameter of borehole	1ØØ in
Depth of borehole	64Ø ft
Type of backfill: Bentonite grout	
Elev./depth top of seal	14Ø ft
Type of seal	
Elev./depth bottom of seal	18.Ø ft.
Type of filter pack: 16-4Ø silica sand	
Depth of top of filter pack	18Ø ft.
Elev./depth top of screened section	217 ft.
Type of screened section: PVC sch 4Ø	
Screen openings: Ø.01 in	
I.D. of screened section	2Ø in
Elev./depth bottom of screened section	63 7 ft.
Length of blank section	Ø3 ft
Elev./depth bottom of plugged blank section	64Ø ft ~~63.7 ft~~ BK
Elev./depth bottom of sand column	64.Ø ft.
Type of backfill below observation pipe: 16-4Ø silica sand	
Elev./depth of bottom	64Ø ft

Tech Ch
REL 4 08-92

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT Form ___A

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Randy Reichert Field Tech. DO NOT sample

Well ID P6120891

Survey location coordinates. North n/a East n/a

Date this report ~~3~~ 4/14/92 Date well installation 4/7/92 Date well development 4/14/92 & 4/15/92

Well designation. Pumping Well E62G

Ground elevation. Est. n/a Survey n/a

Screened interval. 23.2'-65.7' Formation. n/a

Measuring point (MP) Top of well casing/other — Well stick up 2.0'

Water level (below MP) Start. 28.64 End. 65.34 × 0.28 = 65.62'

Well depth (below MP) 64.00' + .28' = 64.28' Water elevation (BGS) n/a

Method used to measure water level. Sol nst Estimated recharge rate

Volume of saturated annulus (assume 30 percent porosity) n/a

Volume Calculation. 64.28' - 28.64' - 35.64 × 0.16 - 5.70 gal

Quantity of water used during drilling: n/a

Depth of sediment (below MP) Before n/a After n/a

Development equipment Grundfos Pump / Teflon Bailer

Sampling equipment n/a

pH meter No 910714162 Calibration 4.00 / 131°C, 7.03 / 15.6 C 6953

Specific conductance meter No 7.704633 Calibration 1.4 [illegible] - 1.28

FTU meter No R0913 Calibration. N/A

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water
0944	N/A	OURR	6.70	16.8	0.42	~~5.70~~	0	Cloudy Reddish BRN
0953	.63	OURR	6.80	15.4	0.50	~~11.40~~ 5.70	1	" " "
1002	.63	OURR	6.84	15.7	0.51	~~17.10~~ 11.40	2	"
1011	.63	OURR	6.89	15.0	0.58	~~22.~~ 17.10	3	
* 1113	N/A	OURR	6.92	13.6	0.51	22.80	4	Cloudy Reddish BRN
1122		OURR	6.96	13.8	0.63	28.50	5	" " " "
1134		OURR	6.98	13.8	0.66	34.20	6	" " "
1145		OURR	7.00	13.6	0.64	39.90	7	" " "
1155		OURR	7.01	13.8	0.64	35.60	8	" "
1306		OURR	6.95	13.3	0.66	[illegible]	9	" "

Comments. * Pump is broken - will continue to develop with Bailer.

* Bailer will not sink in the water column, it's so dense - it will only fill up & stop descending

(4011-452)WATER2-2.SOP)(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form ___A

Page 7 of 1

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title R. Rock / Field Tech

Well ID PH 2 891 — 500 PHASE ONE

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey _____

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No.. _____ Calibration _____

F T U meter No _____ Calibration. _____

Time	Pumping Rat gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1317	NIH	OVER	7.05	12.9	0.66	47.00	16	Cold Lt Brn
1326		OVER	7.15	12.7	0.67	52.70	11	" "
1355		OVER	7.15	12.4	0.68	58.40	12	" "
1402		OVER	7.20	12.4	0.67	64.10	13	"
1414		OVER	7.28	12.2	0.69	69.80	14	" "
1424		OVER	7.24	12.1	0.68	75.50	15	Cold Lt Brn
1430		OVER	7.23	12.0	.75	81.20	16	
Stopping for snack break		Mrs Kantner				86.90	11	
to check well with Robert Smyth						91.60	18	
				EBUL		97.30	19	

103 cc -20

Clearing Slightly

Well still not clearing much

Comments. _____

(4011-452)WATER2-2SOP(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2-A

Page 3 cont

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Patty E Goodman - Field Tech

Well ID PW20891

Survey location coordinates North _____ East See page 1

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey _____

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. 28 84 End. 65

Well depth (below MP) 65 31 + 0 28 = 65 59 Water elevation (BGS) _____

Method used to measure water level. Solinst Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation 65 59 28 84 = 36 75 × 0 16 = 5 88 (17 64

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No 9107 14154 Calibration 4 00/14 3° - 7 05/13 9°

Specific conductance meter No 900163503 Calibration 1 02 14 9°

FTU meter No 9C10RC889 Calibration. n/a

	Time	Pumping Rat gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed Gallons	Casing Vols.	Physical Description of Water
0927	na	na	na	na	na	na	108 33	21	na
0929	na	na	na	na	na	na	114 76	22	na
0931	4 41	na	over	7 11	12 8	0 70	120 64	23	cloudy - Brown
0933	—	—	—	—	—	—	126 52	24	—
0935	—	2.94	—	—	—	—	132 40	25	—
	0937	~~4 41~~	190	7.25	12 9	0 68	138 28	26	yellowish clearer
0939	—	—	—	—	—	—	1- 116	27	—
0941	—	—	—	—	—	—	150 01	28	—
0944		2.52	198	7 22	13 2	0 66	155 72	29	yellowish
0946	—	—	—	—	—	—	161 80	30	—

Comments. Only doing parameters every 3rd volume per Bob Smith EE&E

(4011-452)WATER2-2.SOP)(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2.2A

4/cont

WELL DEVELOPMENT AND SAMPLING FORM

Recorder s Name and Title Patty E Goodman - Field Tech

Well ID PW 20891

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey See Page #1

Screened interval _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start: _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation. _____

Quantity of water used during drilling: 1764

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment. _____

pH meter No _____ Calibration _____

Specific conductance meter No _____ Calibration _____

F T U meter No _____ Calibration. _____

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
0948	4.41	—	—	—	—	167.68	31	—
0951	2.52	252	7.31	13.2	0.66	173.56	32	
0953	—	—	—	—	—	179.44	33	—
0955	—	—	—	—	—	185.32	34	—
0957	2.94	199	7.20	13.2	0.66	191.20	35	Brownish yellow
0959	—	—	—	—	—	197.08	36	—
1002	—	—	—	—	—	202.96	37	—
1004	2.52	74	7.20	13.3	0.66	208.84	38	Clearer
1008	—	—	—	—	—	214.72	39	—
~~1011~~ 1008	n/a	31	7.18	13.4	0.66	220.60	40	—

PC

Comments. Doing Volumes every 6 minutes

(4011-452)WATER3-2.SOP)(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2-A

5 cont

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Patty E Goodman

Well ID PW 20891

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey _____

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: 1764 (588)

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No _____ Calibration _____

F T U meter No _____ Calibration. _____

Time	Pumping Rat gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1014	na	86	7 30	13 6	0 66	226 48	41	pretty clear
						232 36	42	
						238 24	43	
surged pump 1020	n/a	290	7 25	13 7	0 66	244 12	44	turb di - see note
						250	45	
						255 88	46	
1026	n/a	273	7 27	13 8	0 66	261 76	47	yellowish
						267 64	48	
						273 52	49	
1032	na	134	7 21	13 8	0 66	279 10	50	slightly yellow

Comments. using minutes (6) not gallons

(4011-452)WATER2-2.SOP)(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT Form 2_A

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Patty Goodman - Field Tech

Well ID DW20891 6 cont

Survey location coordinates. North _____ East _____ See page 3

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey _____

Screened interval _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start: _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity). _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before. _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration. _____

Specific conductance meter No _____ Calibration _____

F T U meter No.. _____ Calibration. (294) 5 volumes

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water
1638 ~~1632~~	~~1032~~	n/a	131	7.31	14.0	0.68	284.98	51	yellowish
1644 ~~1642~~	~~1642~~	N/a	90	7.22	14.5	0.67	290.86	52	Vsl cldy, mlky
~~1650~~ 1248	—	—	—	—	—	—	296.74	53	—
1250	—	—	—	—	—	—	302.62	54	—
1256	—	—	—	—	—	—	308.50	55	—
1258	—	—	—	—	—	—	314.38	56	—
1300	~~Ove~~ 2.45	over	7.46	13.8	0.65	—	320.26	57	~~DK Brown~~
1302	—	—	—	—	—	—	326.14	58	—
1304	—	—	—	—	—	—	332.02	59	—
1305	—	—	—	—	—	—	337.90	60	—

Comments. Taking parameters every 5 volumes per Bob (EG+G)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Patty Goodman - Field Tech

Well ID PW20891 Tcont

Survey location coordinates North _____ East _____ Seepage 3

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey _____

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No. _____ Calibration _____

F T U meter No _____ Calibration. 1300 294

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm a C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1307	—	—	—	—	—	343.78	61	—
1309	3.26	Clear	7.25	13.5	0.65	349.66	62	Silty - DK
1310	—	—	—	—	—	355.54	63	—
1311	—	—	—	—	—	361.42	64	—
1313	—	—	—	—	—	367.30	65	—
1314	—	—	—	—	—	373.18	66	
1316	4.28	Clear	7.20	13.6	0.64	379.06	67	Silty - yellowish
1317	—	—	—	—	—	384.94	68	—
1319	—	—	—	—	—	390.82	69	—
1321	—	—	—	—	—	396.70	70	

Comments. _____

(4011-452)WATER2.2SOP)(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT Form ___A

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Patty Goodman - Field Tech 8 cont

Well ID PW20891 See page 3

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey _____

Screened interval _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No _____ Calibration _____

F T U meter No _____ Calibration. 1316 294

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1322	—	—	—	—	4625	~~343 78~~	71	—
1324	3 68	187	7 20	13 4	0 65	408 46	72	
1325	—	—	—	—	—	414 34	73	—
1327	—	—	—	—	—	420.22	74	—
1328	—	—	—	—	—	426 10	75	—
1330	—	—	—	—	—	431 98	76	—
1338	—	—	—	—	—	437 86	77	—
1345	—	461	7 31	13 2	0.65	443 74	78	- Milky - yellow
1352	—	243	7 28	13 4	0 65	449 62	79	—
~~1359~~	—	—	—	—	—	455 50	80	

Comments. _____

(4011-452)WATER2-2.SOP)(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2.2A

9 cont

WELL DEVELOPMENT AND SAMPLING FORM

Recorder s Name and Title Patty Goodman - Field Tech

Well ID PW20891 See page 3

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey _____

Screened interval _____ Formation _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration. _____

Specific conductance meter No _____ Calibration. _____

F T U meter No _____ Calibration. _____

	Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
							Gallons	Casing Vols.	
	1406						46138	81	
1359	~~1413~~		62	7.31	13.4	0.66	46726	82	clear
	1420						47314	83	
PG	1427						47902	84	
	1434						48490	85	
	1441						49078	86	
1406	~~1448~~		23	7.29	13.6	0.65	49666	87	clear
	1455						50254	88	
	1502						50842	89	
	1509						51430	90	

Comments. _____

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form ___A

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Patty Goodman - Field Tech 10 cont

Well ID PW2089 See page 3

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey _____

Screened interval _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No _____ Calibration _____

F T U meter No _____ Calibration. _____

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
						520 18	91	
1413	na	17	7 23	13 7	0 66	526 06	92	Clear
						531 94	93	
						537 82	94	
						543 70	95	
						549 58	96	
1420	na	16	7 39	13 3	0 66	555 46	97	
						561 34	98	
						567 22	99	
						573 10	100	

Comments. _____

(4011-452)WATER2-2.SOP)(02-27-91)

WELL DEVELOPMENT AND SAMPLING FORM

Recorder s Name and Title Patty Goodman- Field Tech II cont

Well ID See page 3

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey _____

Screened interval _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No _____ Calibration _____

F T U meter No _____ Calibration. _____

Time	Pumping Rat gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1427	n a	3	7 28	13 5	0 67	60250	105	Very clear
1434						63190	110	

Comments _____

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 64 0	GROUND ELEVATION (FT)	5949 85	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	750168	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20891
EAST	2087819	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 18 0 FT 14 0 FT
WELL 20891 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20991

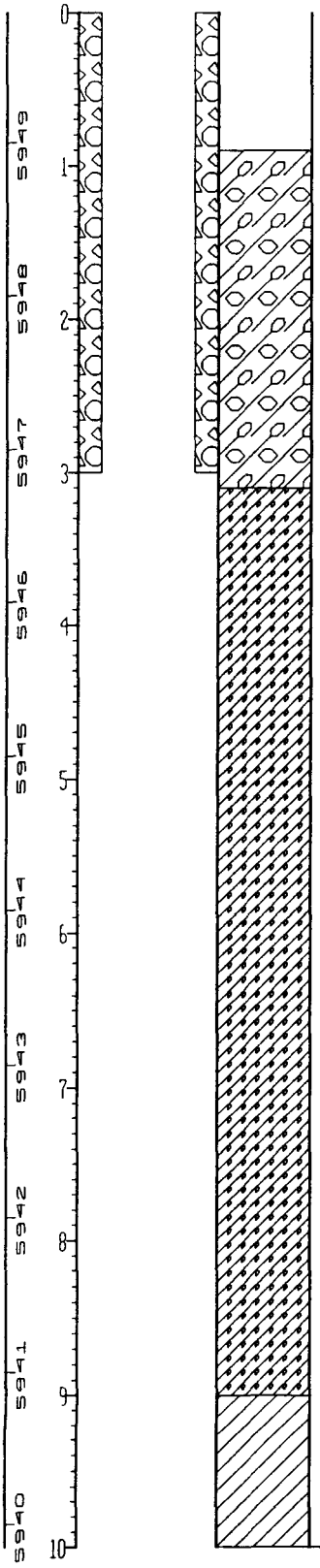
CHEMICAL STRATA

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
GC	Sandy Gravel with some clay and silt
SC	Clayey Sand with abundant gravel and some silt
CL	Silty Clay with some sand



STATE PLANE COORDINATE		TOTAL DEPTH (FT) 64 0	GROUND ELEVATION (FT)	5949 85	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750168	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20891
EAST	2087819	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 18 0 FT 14 0 FT

WELL 20891 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20991

CHEMICAL SA PTH

SAMPLE GRAIN SIZE

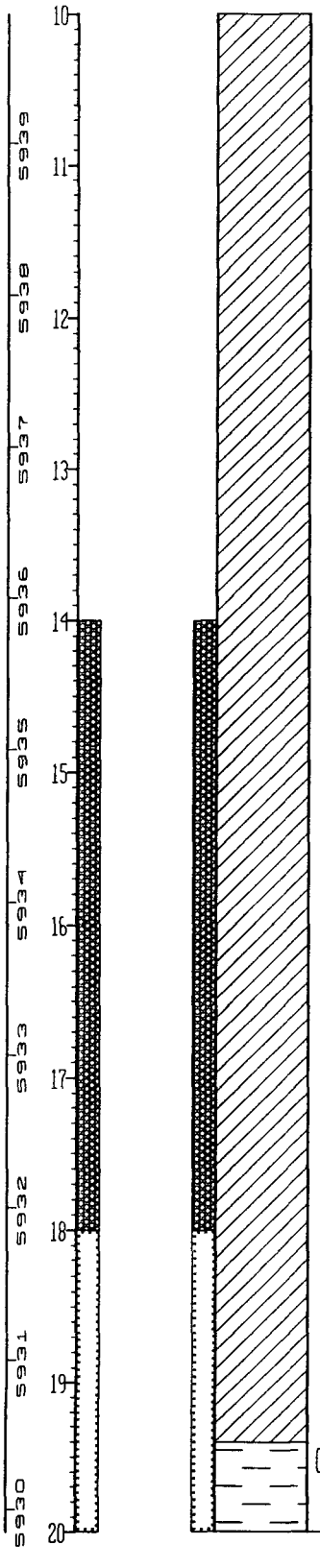
0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION



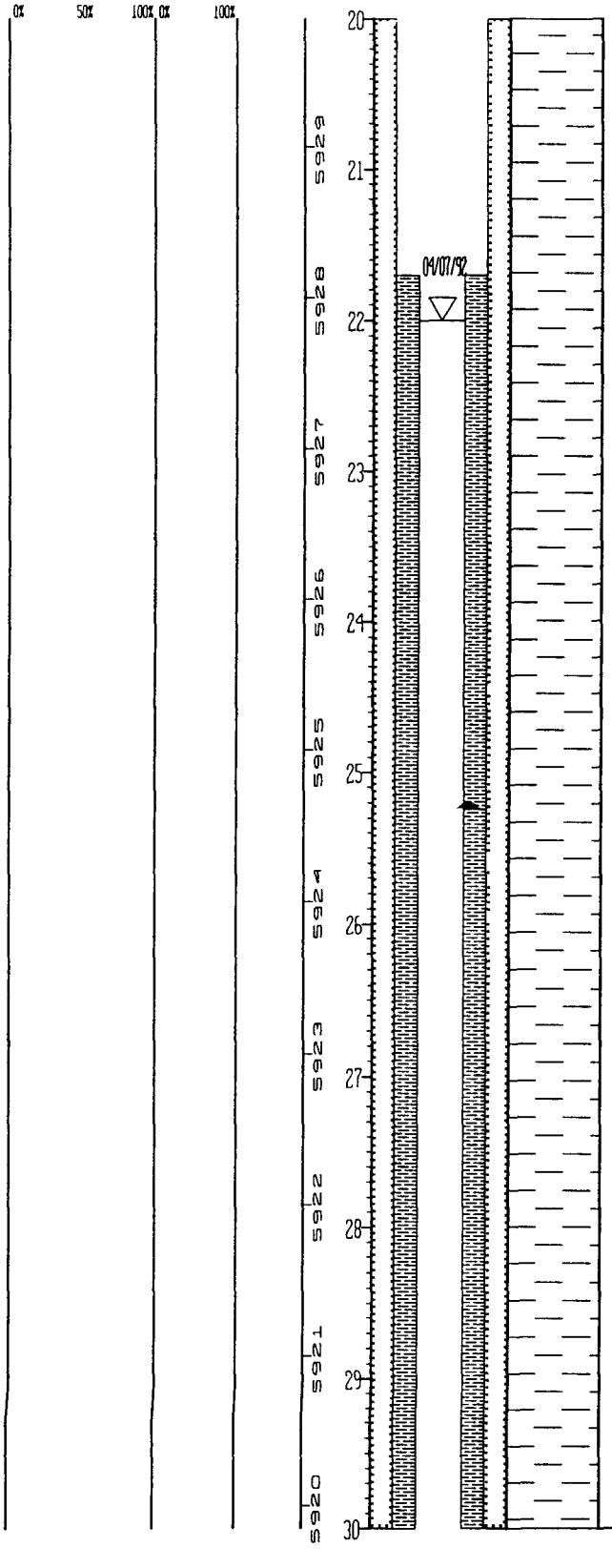
CLAYEY SANDSTONE Clayey Sandstone with some silt

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 64 0		GROUND ELEVATION (FT)	5949 85	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	750168	AREA NE TRENCHES		CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20891
EAST	2087819	LOCATOR NUMBER	H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 18 0 FT 14 0 FT
WELL 20891 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20991

CHEMICAL SAMPLE

SAMPLE GRAIN SIZE | WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION

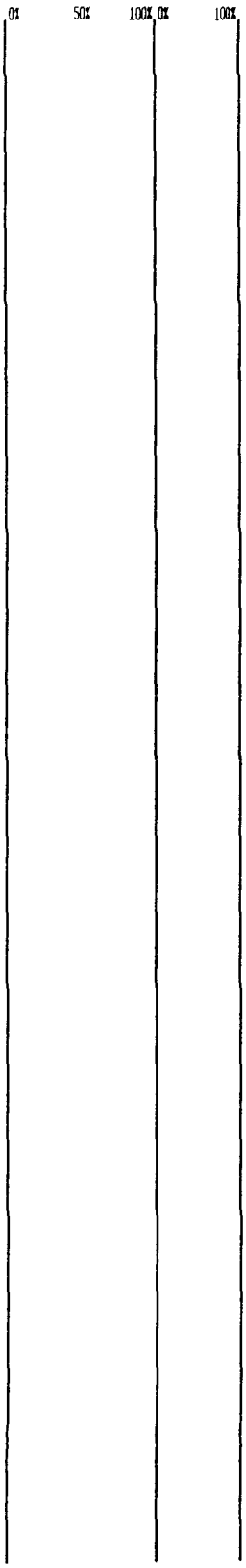


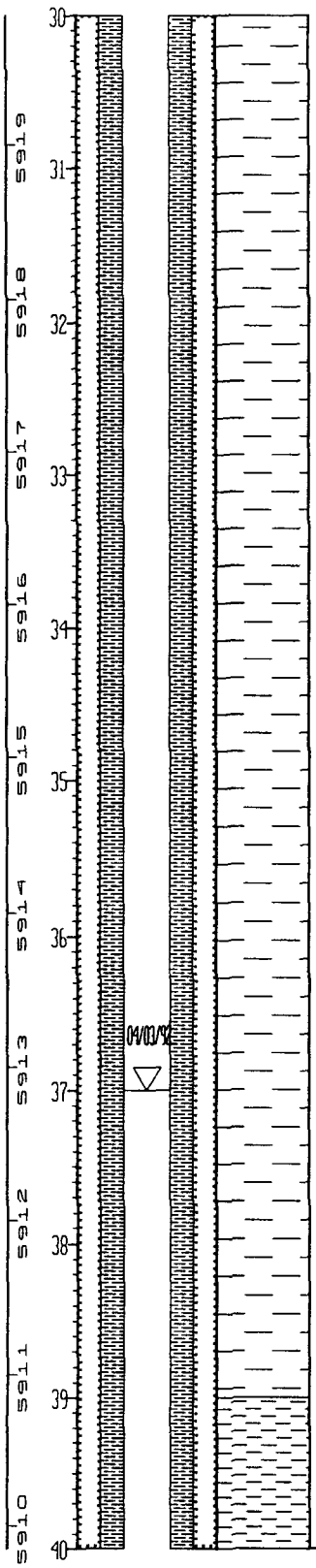
STATE PLANE COORDINATE		TOTAL DEPTH (FT) 64 0	GROUND ELEVATION (FT)	5949 85	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	50168	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20891
EAST	2087819	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 18 0 FT 14 0 FT
WELL 20891 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20991

CHEMICAL SAMPLE DEPTH

SAMPLE GRAIN SIZE





UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

SANDY CLAYSTONE Sandy Claystone with some silt

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 64 0	GROUND ELEVATION (FT)	5949 85	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750168	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20891
EAST	2087819	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW STEM AUGER BENTONITE SEAL 18 0 FT 14 0 FT
WELL 20891 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20991

CHEMICAL SAMPLE DEPTH

SAMPLE GRAIN SIZE 0%	50%	100%	0%	100%	DEPTH	ELEVATION	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
					40	5909				
					41	5908			SANDSTONE	Sandstone with some silt and clay
					42	5907				
					43	5906				
					44	5905				
					45	5904				
					46	5903				
					47	5902			CLAYSTONE	Claystone with some sand
					48	5901				
					49	5900				
					50					

STATE PLANE COORDINATE		TOTAL DEPTH (FT)	64 0	GROUND ELEVATION (FT)	5949 85	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750168	AREA NE TRENCHES		CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20891
EAST	2087819	LOCATOR NUMBER	H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW STEM AUGER BENTONITE SEAL 18 0 FT 14 0 FT

WELL 20891 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20991

CHEMICAL SA[illegible]PTH

SAMPLE GRAIN SIZE

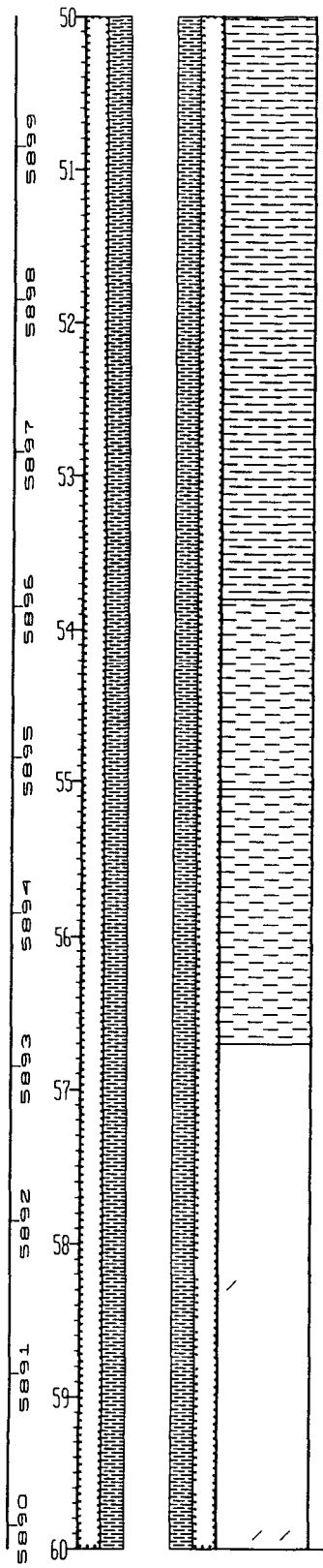
0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION



SANDY CLAYSTONE Sandy Claystone with some silt

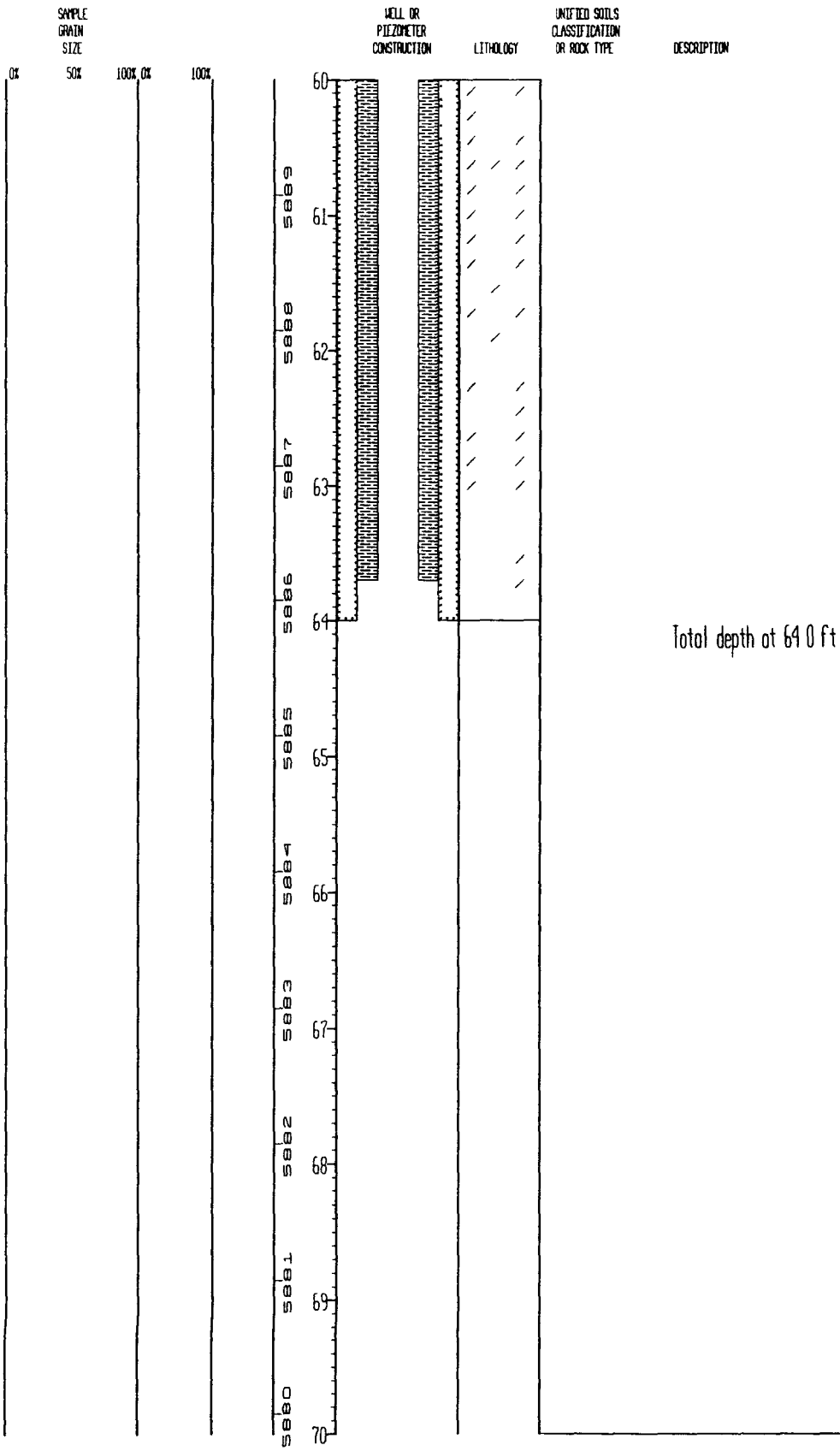
SANDY CLAYSTONE Sandy Claystone with some silt

SILTY SANDSTONE Silty Sandstone

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 64 0	GROUND ELEVATION (FT)	5949 85	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	750168	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20891
EAST	2087819	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW STEM AUGER BENTONITE SEAL 18 0 FT 14 0 FT

WELL 20891 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20991



Total depth at 64 0 ft

OU2-ALLUVILM

RFEDS
WELL INSTALLATION FORM

Well Number 20991 | Project Number EMAD
Old Well No ——

Area NE Trenches | North or Y | East or X
Purpose GW Plume Characterization
Formation Arapaho | Well Status Active
Contractor Woodward-Clyde | Drilling Method Hollow-Stem Auger
Geologist Kent Trimbach | Locator | Top of pad (~6" thick) 5949 78
Date Drilled 4-3-92 | Ground Elev 5,949 28 ft

Total Depth 70 ~~65~~ KBT ft | Stick Up ft
Depth to Bedrock 64 ft | Completed Depth 65 ft
Casing Diameter 2 0 in | Borehole Diam 10 0 in

Monitoring interval 21 ft to 63 ft
Initial Water Level 28 ft | Date 4 1-92
Completed Water Level 28 ft | Date 4 3-92

Item		From	To	ID	Type
Surface Seal		ft	ft		Concrete
Protective Casing		ft	f	6 0 in	Steel
Surface Casing		65	ft ft	2 0 in	PVC Sch 40
Secondary Casing	N/A	f	ft	in	N/A
Centralizer	N/A	f	ft	in	N/A
Bentonite Seal		185 ft	155 f		Bentonite
Filter Pack		65 '	185 f		16-40 Sand
Volume	24 25 cu ft				
Screen		63 ft	21 f	2 0 in	PVC Sch 40
Slot Size	0 01 in				
Sump		65 ft	63 ft	2 0 in	PVC Sch 40
Backfill Seal		~~70 f~~	~~65 ft KBT~~		Bentonite
Backfill		70	65 ft		Bentonite
Volume	2 7 cu ft				

Comments No Back Fill seal was installed per JAJ
* Screened interval per EG&G instructions

Tech Ch
REL 4-6-92

OU2-ALLUVIUM

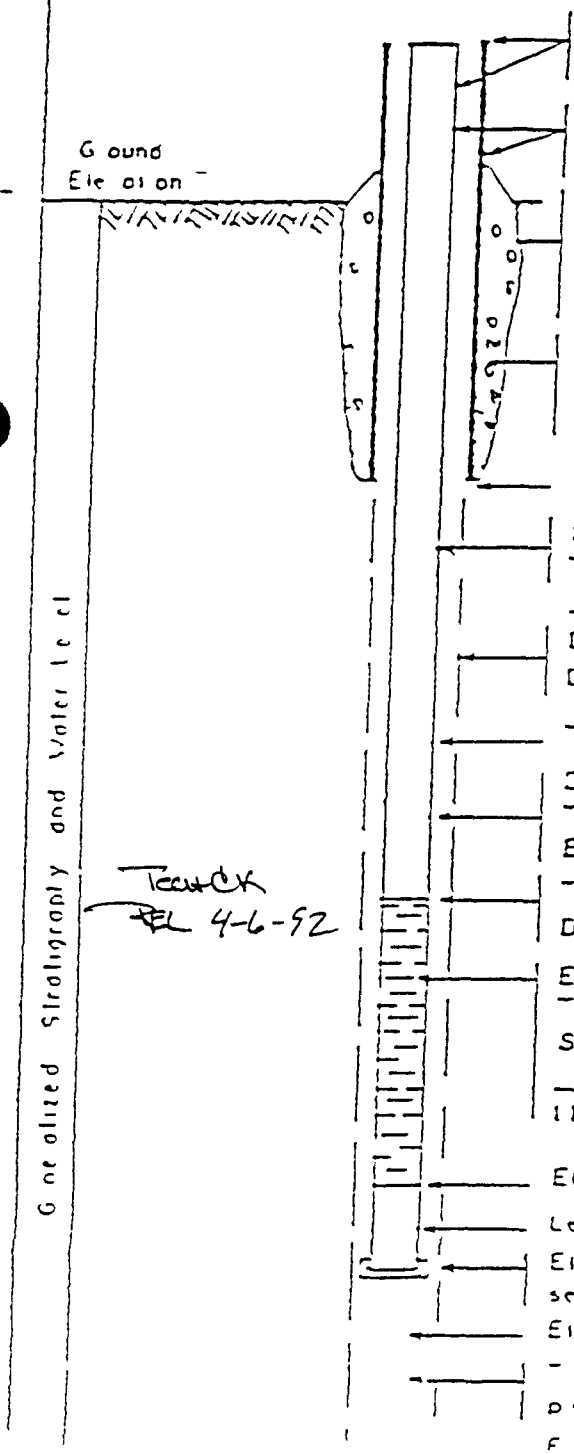
U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT

FORM GT 6A

GROUNDWATER MONITORING WELL AND PIEZOMETER REPORT

PROJECT OU2 RFI/RI Phase II	Page 1 of 1
LOCATION NE Trenches	Well No. OB20991
Date Completed 4-3-92 Original Depth 70 ft.	Aquifer Arapaho
Inspected By _____ Date _____	
Checked By _____ Date _____	Depth Interval 21-63 ft

NOTE CENTRALIZER DEPTHS



Elevation of top of surface casing / riser pipe	
Height of top of surface casing / riser pipe above ground surface	-22 ft / -20 ft
Depth of surface seal below ground surface	30 ft
Type of surface seal ~~Bentonite~~ Concrete	
I.D. of surface casing	6"
Type of surface casing STEEL	
Depth of surface casing below ground	28 ft
I.D. of riser pipe	20
Type of riser pipe 2" ID sch40 PVC	
Diameter of borehole	10"
Depth of borehole	65
Type of backfill Bentonite	
Elev./depth top of seal	15.5
Type of seal Bentonite	
Elev./depth bottom of seal	18.5
Type of filter pack 16 40s 1 cu Sand	
Depth of top of filter pack	18.5
Elev./depth top of screened section	21
Type of screened section 2" ID PVC sch40	
Screen openings 0.010	
I.D. of screened section	20"
Elev./depth bottom of screened section	63'
Length of blank section	20
Elev./depth bottom of plugged blank section	65'
Elev./depth bottom of sand column	65'
Type of backfill below observation pipe NA	
[illegible]	700

J.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2_A

Page One

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title B. K. Lint Field Tech

Well ID OB 20991

Survey location coordinates North N/A East N/A

Date this report 4/16/91 Date well installation 4/3/92 Date well development ~~2.0~~ PR

Well designation. OB well

Ground elevation. Est. N/A Survey N/A

Screened interval 23.05' - 65.05' Formation. Arapaho

Measuring point (MP) Top of well casing/other N/A Well stick up 2.05'

Water level (below MP) Start. 2100 End. N/A

Well depth (below MP) 66.18 + .28 = 66.96 Water elevation (BGS) N/A

Method used to measure water level. Solinst Estimated recharge rate

Volume of saturated annulus (assume 30 percent porosity) N/A

Volume Calculation 66.96 - 2900 = 37.96' x .016 = 6.07 gal

Quantity of water used during drilling: N/A

Depth of sediment (below MP) Before N/A After N/A

Development equipment Grundfos Pump

Sampling equipment. N/A

pH meter No 910714154 Calibration. 4.00/10.6°C, 7.06 10.7°C - 1005

Specific conductance meter No 900103503 Calibration 107 @ 1166 @ 0955

FTU meter No.. 900409105 Calibration. N/A

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1043	—	OVRR	7.26	11.5	0.69	0	0	Cldy, Rd Brn
1045	-	OVRR	7.24	11.4	0.68	6.07	1	" " "
1048	2.02	OVRR	7.32	11.1	0.65	12.14	2	" "
1051		OVRR	7.34	11.2	0.68	18.21	3	" " "
1053	3.00	OVRR	7.32	11.2	0.66	24.28	4	" "
1055	3.00	OVRR	7.36	11.4	0.66	30.35	5	" " "
1057	3.00	OVRR	7.41	11.4	0.63	36.42	6	" " "
1059	3.00	OVRR	7.37	11.8	0.64	42.49	7	" " "
1101	3.00	OVRR	7.35	11.7	0.64	46.56	8	" " "
1103	3.00	OVRR	7.36	11.7	0.62	52.63	9	Cldy BRN

stopped, pump bin ofly

Comments.

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2_A

Page Two

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Randy Reichert - Field Tech

Well ID LB 20991

Survey location coordinates North _____ East _____

Date this report 4/16/91 Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No _____ Calibration _____

F T U meter No _____ Calibration. _____

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water
1105	300 ~~1105~~ NR	OVRR	7 33	11 5	0 59	60.70	10	Vcldy Lt BRN
1110	NH	365	7 32	10.9	0.66	66.77	11	Cldy, MLKy Lt BRN
~~1118~~						72.84	12	
						78 91	13	
						84.98	14	
1118	300	OVRR	7 34	11 0	0.65	91.05	15	Cldy, MLKy Lt BRN
						97.12	16	
						103.19	17	
						109.26	18	
						115 33	19	

Comments. Taking parameters on every 5 ~~gal~~ Hl vols after 10 vols

cleaning

surged well

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2_A

Page Three

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Randy Reinhert Field Tech

Well ID OB 20991

Survey location coordinates North _____ East _____

Date this report 4/16/91 Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey _____

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No _____ Calibration _____

F T U meter No _____ Calibration. _____

	Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
							Gallons	Casing Vols.	
x	1134	3.00	264	7.35	11 6	0.62	121.41	20	Cldy, MLKy cleaning
12'31'30'							127.48	21	
							133.55	22	
							139.62	23	
							145.69	24	
1241'30" x	1241		00AR	7 45	11 6	0 64	151.76	25	Cldy, MLKy + BRN
							157 83	26	
							163 90	27	
							169.97	28	
							176.04	29	

Comments. _____

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2-A

Page 4

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Randy Reichert - Field Tech

Well ID OB 20991

Survey location coordinates North _____ East _____

Date this report 4/16/91 Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey _____

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation. _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration. _____

Specific conductance meter No.. _____ Calibration _____

FTU meter No _____ Calibration. _____

	Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water
X	1251	300	387			0.63	182.11	30	Milky cleaning
							188.18	31	
							194.25	32	
							200.32	33	
							206.41	34	
X	1301	↓	117	7.45	1.11	0.61	212.48	35	Still dry, Recorder
							218.53	~~36~~ 36	
							224.60	~~37~~ 37	
							230.67	~~39~~ 38	
							236.74	~~40~~ 39	

Comments. _____

TER 1-1 SOP(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2_A

Page 5

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Randy Reichert

Well ID OB 20191

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. _____ End. _____

Well depth (below MP) _____ Wate elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation. _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No _____ Calibration _____

F T U meter No.. _____ Calibration. _____

Time	Pumping Rat gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
X 1311	300	28	7.41	11.8	0.61	24281	40	Clear
						24888	41	
						25495	42	
						26102	43	
						26709	44	
X 1321		26	7.35	11.7	0.61	27316	45	Clear
							46	
							47	
							48	
							49	

Comments. _____

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 70 0	GROUND ELEVATION (FT)	5949 78	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750162 79	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20991
EAST	2087820 74	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 18 5 FT 15 5 FT BACKFILL MATERIAL BENTONITE 70 0 FT 65 0 FT

CHEMICAL SA

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

0 00 /0 90 — 5949

0 60 /2 10 — 5948

0 60 /2 00 — 5946

0 00 /2 00 — 5944

0 00 /2 00 — 5942

2 00 /2 00 — 5940

0 1 2 3 4 5 6 7 8 9 10

Top soil, start of boring at 0 90 ft

GC Sandy Gravel with some clay and silt very dusky red (10R2/2) maximum gravel diameter 17 average 07 fine- to coarse-grained sand well graded, gravel is sub-rounded sand is angular to sub-rounded, low plasticity gravel is primarily quartzite sand contians abundant carbonaceous/ organic material quartz some rock fragments clear quartz feldspar trace mica, moist
39% gravel, 31% sand, 12% silt, 18% clay

No recovery for this interval

GC Sandy Gravel with some clay and silt very dusky red (10R2/2) as described above

SC Clayey Sand with abundant gravel and some silt very pale orange (10YR8/2) maximum gravel diameter 12 average 07 fine to coarse grained sand well graded, gravel is rounded sand is sub-angular medium plasticity gravel is primarily caliche coated quartzite and calcrete sand contains abundant calcrete/caliche quartz some rock fragments trace dark minerals
29% gravel, 33% sand, 7% silt, 31% clay

No recovery for this interval

CL Silty Clay with some sand light gray (N7), color change to light olive gray (5Y5/2) at 16 0 19 0 dark yellowish orange (10YR6/6) where iron stained maximum gravel diameter > 25 at 19 1 19 4 average 02 fine grained sand poorly graded angular medium plasticity, gravel is primarily iron stained quartzite sand contains abundant quartz, some feldspar and dark minerals vertically alligned carbonaceous organic material (plant roots?) at 9 4-9 6 caliche nodules at 9 7 9 9 and 10 6 11 0 well developed calcite nodule at 17 2 which displays boytroydal crystal form indicative of growth in open pore space calcite/caliche nodules-iron stain and laminations at sharp bedrock contact moist
1% gravel 6% sand, 22% silt 71% clay

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 70 0	GROUND ELEVATION (FT)	5949 78	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER	
NORTH	750162 79	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20991	
EAST	2087820 74	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92		

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 18 5 FT 15 5 FT BACKFILL MATERIAL BENTONITE 70 0 FT 65 0 FT

CHEMICAL SAT

SAMPLE GRAIN SIZE: 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

2 00 /2 00

0 00 /2 00

0 00 /1 00

0 00 /2 00

1 00 /1 00

0 40 /2 00

0 60 /1 00

5939 5938 5937 5936 5935 5934 5933 5932 5931 5930

10 11 12 13 14 15 16 17 18 19 20

No recovery for this interval

CL Silty Clay with some sand light gray (N7) as described above
Top of bedrock at 19 4 ft

CLAYEY SANDSTONE Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained, as described below

No recovery for this interval

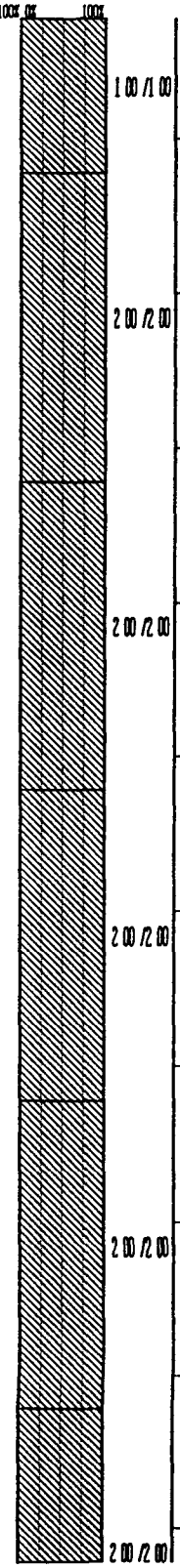
STATE PLANE COORDINATE		TOTAL DEPTH (FT) 70 0	GROUND ELEVATION (FT)	5949 78	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750162 79	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20991
EAST	2087820 74	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 18 5 FT 15 5 FT BACKFILL MATERIAL BENTONITE 70 0 FT 65 0 FT

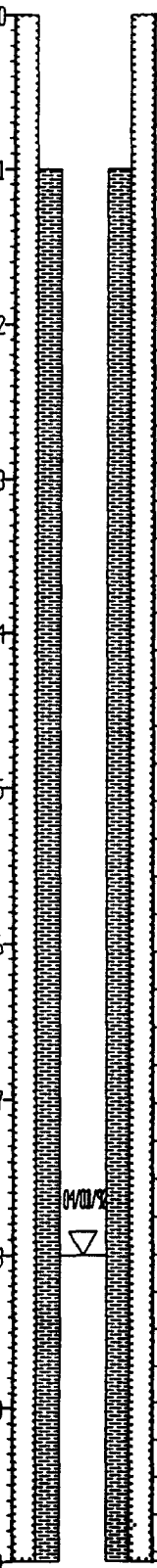
CHEMICAL SAP

SAMPLE GRAIN SIZE

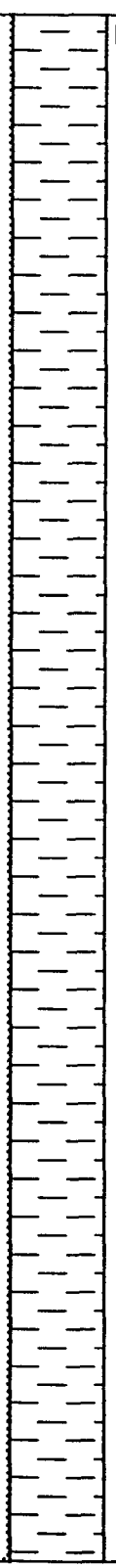
0% 50% 100% 0% 100%



WELL OR PIEZOMETER CONSTRUCTION



LITHOLOGY



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

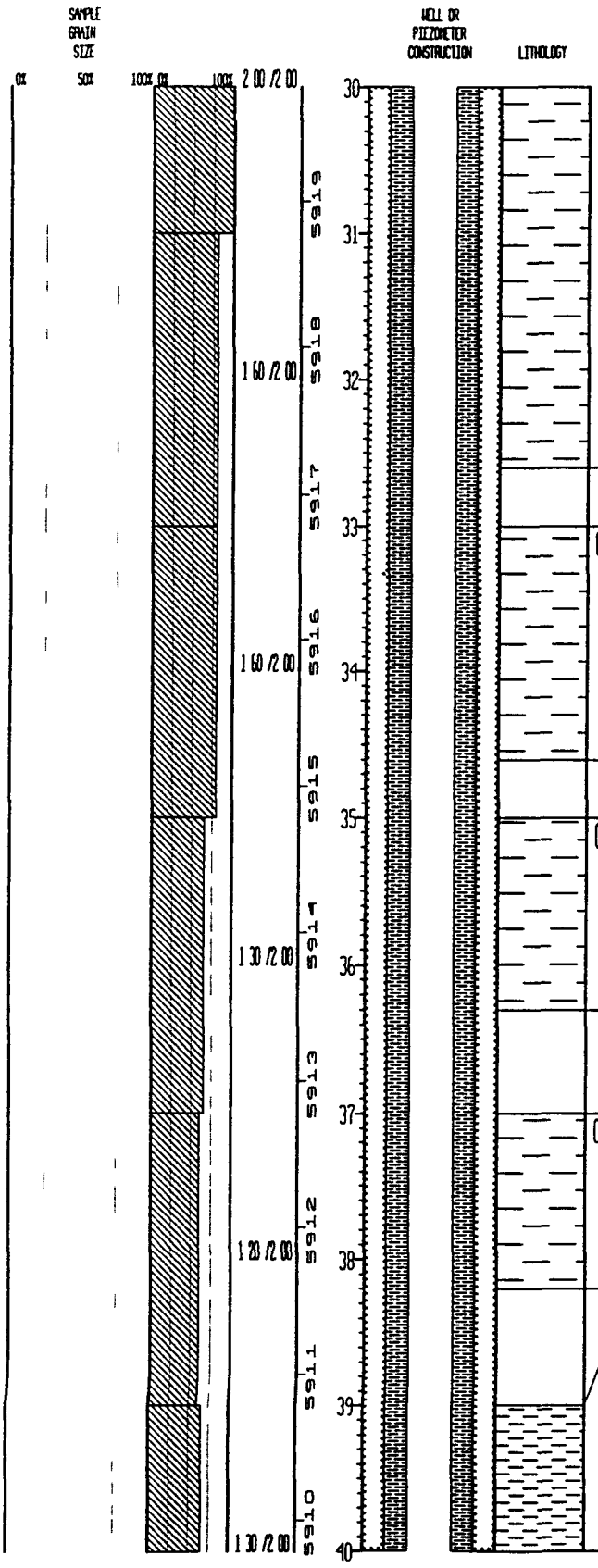
DESCRIPTION

CLAYEY SANDSTONE Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained, very fine- to medium-grained sand moderately sorted sub-angular to sub-rounded, approximately 17% porosity argillaceous cement moderately to highly friable abundant frosted quartz some rock fragments feldspar dark minerals, iron stain, well developed iron nodules with a maximum diameter of 08 at 21 0 22 0 thick lamination of clay at 22 9, iron staining at 23 2 23 4, 26 3 26 7, 28 0 29 0 29 1 30 0 30 5 31 0-31 4 32 0-32 6, 33 4-39 0 increased sand/silty clay laminations at 26 0 27 0 slight increase in clay lamination at 31 5 31 8 ripple lamination 34 4 34 5 iron stained sand loaded into clay bed 37 3 37 8 moist to wet 53% sand, 19% silt 28% clay

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 70 0	GROUND ELEVATION (FT)	5949 78	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	750162 79	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20991
EAST	2087820 74	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 18 5 FT 15 5 FT BACKFILL MATERIAL BENTONITE 70 0 FT 65 0 FT

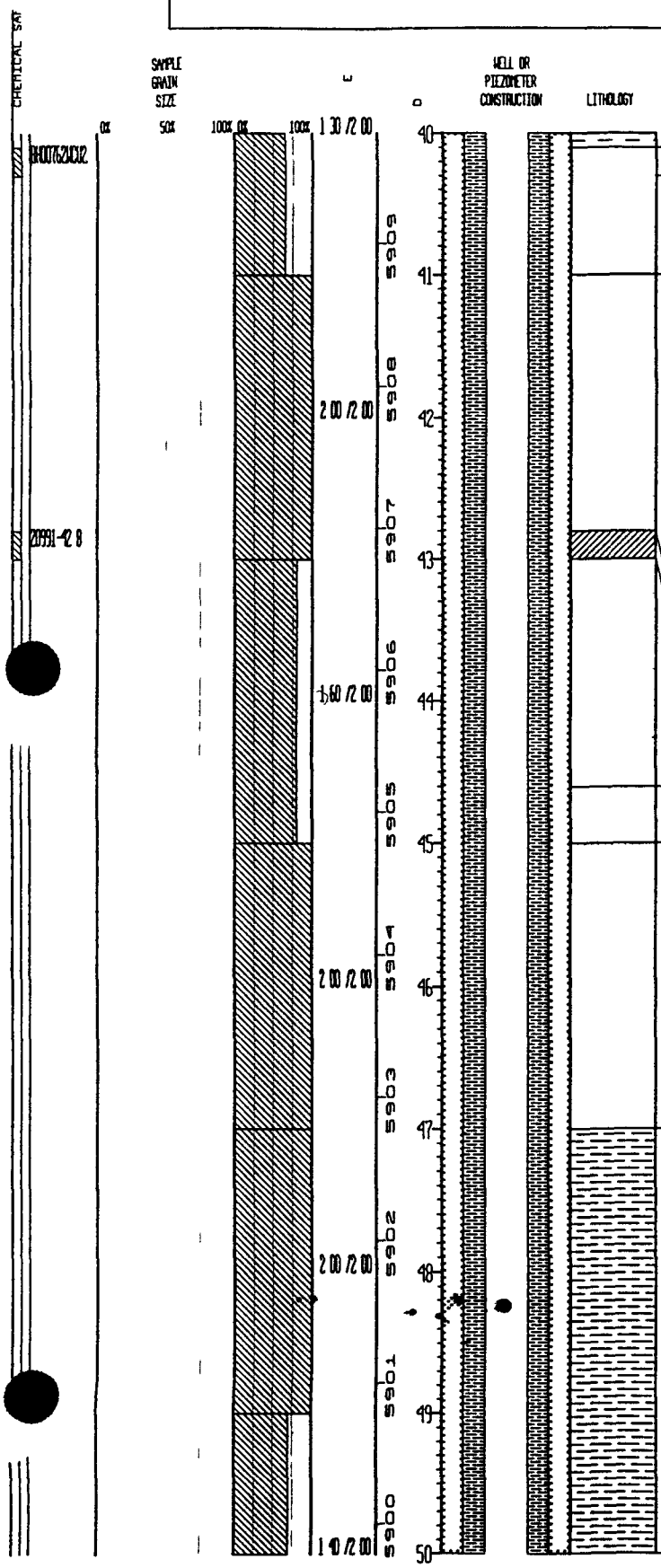
CHEMICAL SAF



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	No recovery for this interval
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained, as described above
	No recovery for this interval
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained, as described above
	No recovery for this interval
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained, as described above
	No recovery for this interval
SANDY CLAYSTONE	Sandy Claystone with some silt pale brown (5YR5/2) very fine to medium-grained moderately sorted, rounded approximately 10% porosity argilloceous cement highly friable abundant frosted quartz, trace dark minerals iron and limonite stain, unconsolidated, iron stain at 39 9-40 1 wet to saturated 39% sand, 10% silt 51% clay

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 70 0	GROUND ELEVATION (FT)	5949 78	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750162 79	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20991
EAST	2087820 74	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 18 5 FT 15 5 FT BACKFILL MATERIAL BENTONITE 70 0 FT 65 0 FT



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	VOA sample obtained from this interval
	No recovery for this interval
SANDSTONE	Sandstone with some silt and clay yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained clay is medium gray (N5) fine to medium grained, well sorted rounded to well rounded approximately 20% porosity argillaceous cement highly friable abundant frosted quartz some dark minerals/rock fragments trace clear quartz, iron/limonite stain, sand loaded into top of clay bed at 43 6-43 8 sand at 43 8-44 1 loaded into top of clay bed at 44 1 44 3 laminated clay/sand at 44 3-44 6 clay rip-up clast at 46 0 laminated cross-laminated and ripple laminated at 45 8-47 0 iron stain at 43 8 44 1 44 3 44 6 45 7 45 8 saturated 81% sand 12% silt 7% clay
	GEO TECH sample obtained from this interval
SANDSTONE	Sandstone with some silt and clay yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained as described above
	No recovery for this interval
SANDSTONE	Sandstone with some silt and clay yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained as described above
CLAYSTONE	Claystone with some sand light gray (N7) to yellowish gray (5Y7/2) very fine to fine grained, very well sorted, rounded approximately 9% porosity, argillaceous cement moderate friabilty abundant frosted quartz some dark minerals/rock fragments trace iron stain silty clay/clayey sand thinly bedded to thinly laminated increased sand content at 47 7 48 2 48 9-49 4 and 49 6 50 4 saturated 15% sand 5% silt 80% clay

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 70 0	GROUND ELEVATION (FT)	5949 78	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750162 79	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20991
EAST	2087820 74	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 18 5 FT 15 5 FT BACKFILL MATERIAL BENTONITE 70 0 FT 65 0 FT

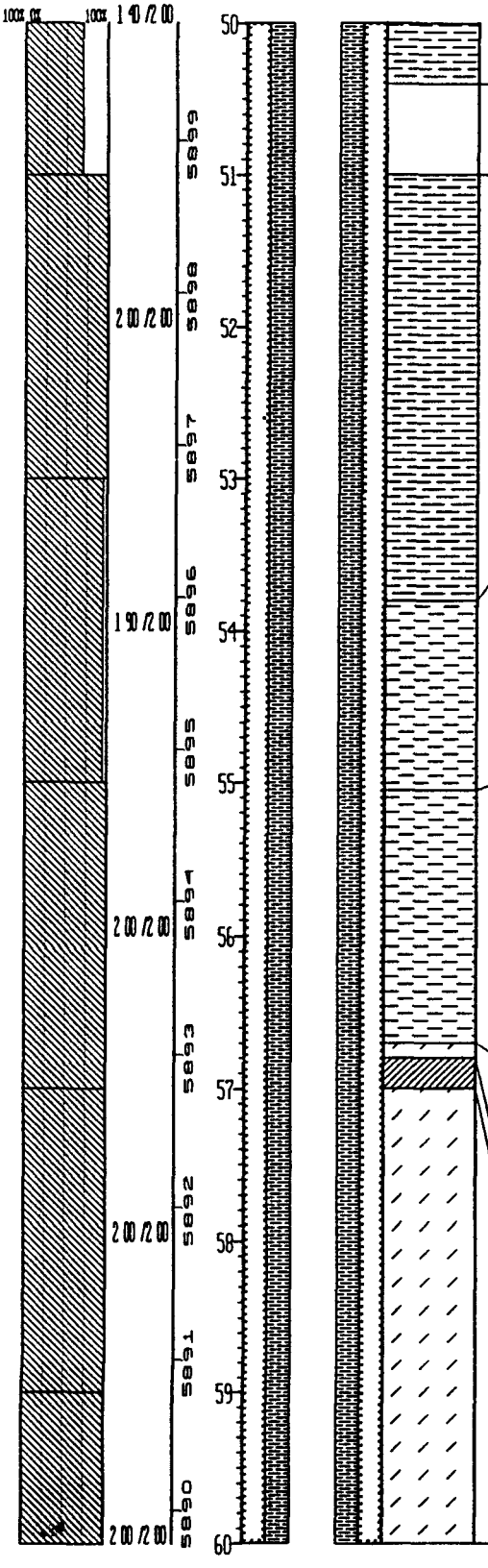
CHEMICAL SAP

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

E UM E

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	No recovery for this interval
CLAYSTONE	Claystone with some sand light gray (N7) to yellowish gray (5Y7/2) as described above
SANDY CLAYSTONE	Sandy Claystone with some silt dark yellowish orange (10YR6/6) very fine to medium-grained moderately sorted rounded to well-rounded, approximately 16% porosity argillaceous cement, highly friable, abundant iron stained frosted quartz some dark minerals/rock fragments trace clear quartz excellent flame structure (clay injected into overlying sand) at 54 6 55 0 37% sand, 22% silt, 41% clay
SANDY CLAYSTONE	Sandy Claystone with some silt medium dark gray (N4) to light gray (N7), dark yellowish orange (10YR6/6) where iron stained very fine- to fine grained very well sorted sub-rounded to rounded, approximately 10% porosity argillaceous cement highly friable abundant frosted quartz, some rock fragments dark minerals iron stain, trace limonite stain, thinly laminated to thinly bedded increased sand content at 56 0-56 4 increased sand content at 56 4-56 6 wet to saturated 23% sand, 12% silt, 65% clay
SILTY SANDSTONE	Silty Sandstone sand is dusky yellow (5Y6/4) clay interbeds are medium dark gray (N4) sand is dark yellowish orange (10YR6/6) where iron stained, as described below
	GEO-TECH sample obtained from this interval
SILTY SANDSTONE	Silty Sandstone sand is dusky yellow (5Y6/4) clay interbeds are medium dark gray (N4) sand is dark yellowish orange (10YR6/6) where iron stained, sand is fine- to coarse-grained moderately sorted rounded to well-rounded, approximately 23% porosity argillaceous cement highly friable abundant frosted quartz, rock fragments trace dark minerals clay beds at 57 4-57 6 58 5-58 7 and 58 9-59 1 sand is loaded into top of clay bed at 58 5 with 2 relief iron staining at 58 3 58 5, and 59 2 61 0 iron nodules at 59 2 clay-sand interbedded at 63 0-64 0 wet to saturated 79% sand, 16% silt 5% clay

20991 56 8

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 70 0	GROUND ELEVATION (FT)	5949 78	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER	
NORTH	750162 79	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20991	
EAST	2087820 74	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/03/92		

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 18 5 FT 15 5 FT BACKFILL MATERIAL BENTONITE 70 0 FT 65 0 FT

CHEMICAL SAP

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

2 00 /2 00

0 00 /2 00

1 00 /1 00

2 00 /2 00

2 00 /2 00

2 00 /2 00

5889 5888 5887 5886 5885 5884 5883 5882 5881 5880

60 61 62 63 64 65 66 67 68 69 70

No recovery for this interval

SILTY SANDSTONE Silty Sandstone sand is dusky yellow (5Y6/4) clay interbeds are medium dark gray (N4), sand is dark yellowish orange (10YR6/6) as described above

SANDY CLAYSTONE Sandy Claystone medium dark gray (N4) to grayish black (N2) very fine to fine-grained very well sorted, rounded to well rounded approximately 5% porosity argillaceous cement moderately to slightly friable abundant quartz trace dark minerals carbonaceous material throughout, laminated iron stain and nodules at 64 3 core is dry below 64 4, sand rip-up clast at 65 8 increased sand content at 69 8 70 0 wet at 64 0-64 4, dry to moist 64 4 70 0
27% sand, 5% silt, 68% clay

VOA sample obtained from this interval

SANDY CLAYSTONE Sandy Claystone medium dark gray (N4) to grayish black (N2) as described above

Total depth at 70 0 ft

BH0076WCU2

OU2-ALLUVIUM

RFEDS
WELL INSTALLATION FORM

Well Number 0Ø21Ø91 Project Number 4ØØ6EMAD
Old Well No

Area NE Trenches North or Y East or X
Purpose GW Plume Characterization / Pump testing
Formation Ka SS Well Status Active
Contractor Woodward-Clyde Drilling Method Hollow-Stem Auger
Geologist B Edgerly Locator H14
Date Drilled 4-3 # 4-18-92 Ground Elev 5,948 07 ft Top pad (~6" thic 5948 57

Total Depth 68.Ø ft Stick Up ft
Depth to Bedrock 63 Ø ft Completed Depth 65 Ø ft
Casing Diameter 2 0 in Borehole Diam 10 0 in

Monitoring Interval 19 Ø ft to 63 Ø ft
Initial Water Level 29 Ø ft Date 4-3-92
Completed Water Level 27 4 ft Date 4-9-92

Item		From	To	I D	Type
Surface Seal		ft	ft		Concrete
Protective Casing		ft	ft	6 0 in	Steel
Surface Casing		65 Ø ft	~2 Ø ft	2 0 in	PVC Sch 40
Secondary Casing	N/A	f	ft	in	N/A
Centralizer	N/A	f	t	in	N/A
Bentonite Seal		17 Ø ft	14 5 f		Bentonite
Filter Pack		63 8 ft	17 Ø ft		16–40 Sand
Volume	24 6 cu ft				
Screen		63 Ø ft	19 Ø ft	2 0 in	PVC Sch 40
Slot Size	0 01 in				
Sump		65 Ø ft	63 Ø f	2 0 in	PVC Sch 40
Backfill Seal		65 Ø f	63 8 ft		Bentonite
Backfill		68 Ø ft	65 Ø ft		Bentonite
Volume	1 6 cu f				

OU2-ALLUVIUM

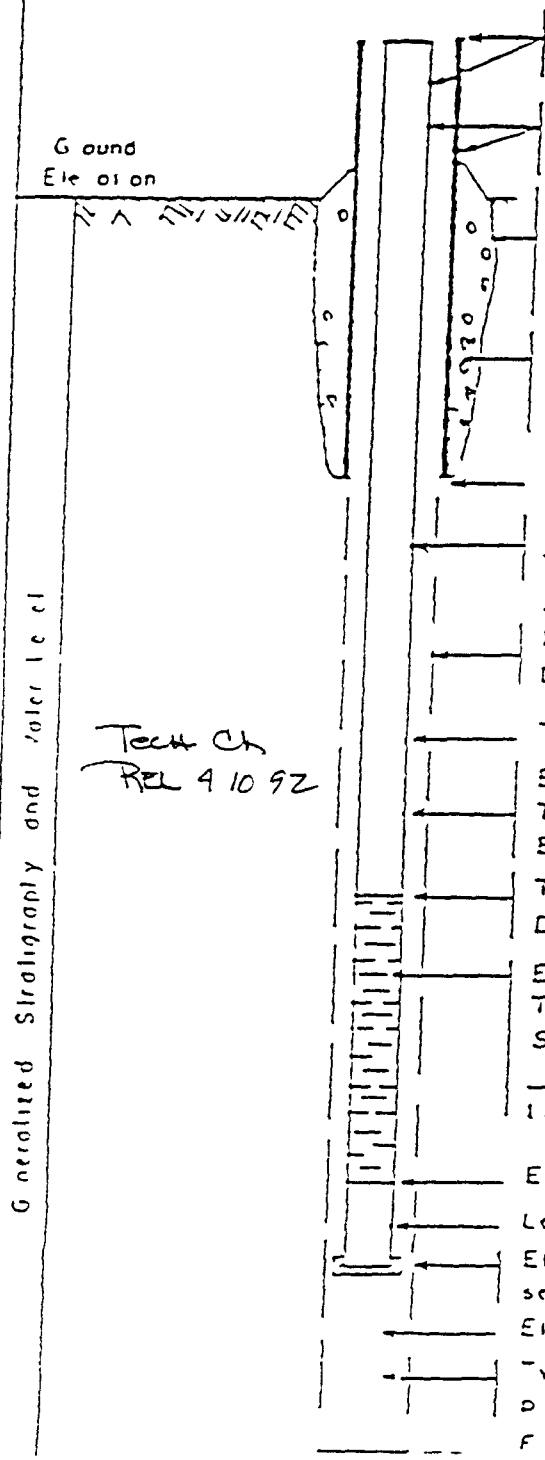
U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT

FORM GT 6A

GROUNDWATER MONITORING WELL AND PIEZOMETER REPORT

PROJECT OU2 RFI/RI Phase II	Page 1 of 1
LOCATION NE Trenches	Well No 0B21Ø91
Date Completed 4-9-92 Original Depth 680 ft	Aquifer Ka SS
Inspected By _____ Date _____	
Checked By _____ Date _____	Depth Interval A 63 ft

NOTE CENTRALIZER DEPTHS



Elevation of top of surface casing / riser pipe	
Height of top of surface casing / riser pipe above ground surface	-22 ft / -20 ft
Depth of surface seal below ground surface	3Ø ft
Type of surface seal concrete	
I.D. of surface casing	6
Type of surface casing Steel	
Depth of surface casing below ground	28 ft.
I.D. of riser pipe	2Ø in
Type of riser pipe sch 4Ø PVC	
Diameter of borehole	1Ø
Depth of borehole	68Ø ft
Type of backfill Bentonite grout	
Elev./depth top of seal	14.5
Type of seal Bentonite	
Elev./depth bottom of seal	17Ø
Type of filter pack 16-4Ø silica sand	
Depth of top of filter pack	17Ø
Elev./depth top of screened section	~~63.8~~ 19Ø
Type of screened section sch 4Ø PVC	
Screen openings Ø.Ø1 in	
I.D. of screened section	2Ø in.
Elev./depth bottom of screened section	63Ø
Length of blank section	2Ø ft.
Elev./depth bottom of plugged blank section	65Ø
Elev./depth bottom of sand column	63.8
Type of backfill below observation pipe Bentonite	
[illegible]	68Ø

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT Form 2_A

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Randy Reichert FieldTech

Well ID OB 21091

Survey location coordinates North n/a East n/a

Date this report 4/17/92 Date well installation 4/9/92 Date well development 4/17/92

Well designation OB Well

Ground elevation. Est. n/a Survey -- n/a

Screened interval 21.6' - 65.0' Formation Arapaho Ss.

Measuring point (MP) Top of well casing/other n/a Well stick up 2.0'

Water level (below MP) Start 27.87 End 66.68 + 0.28 = 66.96

Well depth (below MP) 62.45 + .28 = 62.73 Water elevation (BGS) n/a

Method used to measure water level Sol inst Estimated recharge rate n/a

Volume of saturated annulus (assume 30 percent porosity) —

Volume Calculation 62.73 - 27.87 = 34.86 x 0.16 5.58 gal.

Quantity of water used during drilling n/a

Depth of sediment (below MP) Before n/a After n/a

Development equipment Grund fos Pump

Sampling equipment n/a

pH meter No 910714159 Calibration 4.00 @ 139°C, 7.05 @ 136°C / 0915

Specific conductance meter No 900103503 Calibration 1.00 @ 138C / 0907

FTU meter No 900409105 Calibration N/A

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water	
0920	N/A	OVRR	7.53	12.3	0.41	0	0	Muddy Rd Brn	
0921	5.6	OVRR	7.67	12.7	0.40	5.58	~~2~~ 1	" "	
0927	—	OVRR	7.53	12.3	0.41	11.16	~~5~~ 2	" "	
0930	1.86	OVRR	7.51	12.4	0.44	16.74	~~4~~ 3	" " "	
0933	1.86	OVRR	7.51	12.4	0.48	22.32	~~5~~ 4	" Lt. Brn	Cleaning
0937	—	OVRR	7.47	14.3	0.53	27.90	~~6~~ 5	"	
0943	—	OVRR	7.43	13.7	0.57	33.48	6	" " "	
0947	—	OVRR	7.37	12.4	0.58	39.06	7	Cldy " "	
0957	1.20	OVRR	7.38	12.4	0.61	44.64	8	Milky "	Cleaning
0957		Impact	7.37	13.4	0.63	50.22	9	" " "	

Comments

1.5 gal per min max on pump 35.72 @ 1412

104

10 -4SDWATER-2.SOP(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2_A

WELL DEVELOPMENT AND SAMPLING FORM

Page Two

Recorder's Name and Title Kirby Kirchoff Field Tech

Well ID OB 21091

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation _____

Ground elevation. Est. _____ Survey _____

Screened interval _____ Formation _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No _____ Calibration _____

F T U meter No _____ Calibration _____

See Page 1

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed Gallons	Cum. Vol. of H_2O Removed Casing Vols.	Physical Description of Water	
x 1003	.96	[illegible]	7.75	13.3	0.64	55.8	10	Milky lt grey	Cleaning
	10					61.38	11		
						66.96	12		
						72.54	13		
			7.34			78.12	14		
1027 x	10	133	13	13.5	0.65	83.70	15	Vsl. Cldy, Milky	Cleaning
						89.28	16		
						94.86	17		
						100.44	18		
						106.02	19		

Comments _____

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form ___A

1650 Three

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Randy Keiclet / P Goodman Field techs

Well ID OB 21091

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation _____

Ground elevation. Est. _____ Survey --

Screened interval _____ Formation _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) See Page

Volume Calculation _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment 255 4 gal 558 gals

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No _____ Calibration _____

FTU meter No _____ Calibration _____

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed Gallons	Cum. Vol. of H_2O Removed Casing Vols.	Physical Description of Water
1055	1.0	-	7.34	13.5	0.69	111.60	20	
1218						117.18	21	
						122.76	22	
						128.34	23	
						133.92	24	
1239	1.3 gal/min	na	7.34	13.1	0.70	139.50	25	yellow sh
						145.08	26	
						150.66	27	
						156.24	28	
						161.82	29	

Comments. SC not working properly after 559 gal measurement

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2-A

5 cont

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Patty Goodman - Field Tech

Well ID 0B21091

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration. _____

Specific conductance meter No.. _____ Calibration. _____

F T U meter No _____ Calibration. _____

See Page 1

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1338	1 3gpb	47	7 26	13 7	0 70	22332	40	pretty clear
						22878	41	
						23436	42	
						23994	43	
						24552	44	
1357	1 3gpb	27	7	14 3	0 71	25110	45	
						25668	46	
						26226	47	
						26784	48	
						27342	49	

Comments. 1 3 gpb pump

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2-A

4 cont

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Patty Goodman - Field Tech

Well ID OB21091

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation _____

Ground elevation Est. _____ Survey _____

Screened interval _____ Formation _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

See Page 1

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No. _____ Calibration _____

FTU meter No _____ Calibration _____

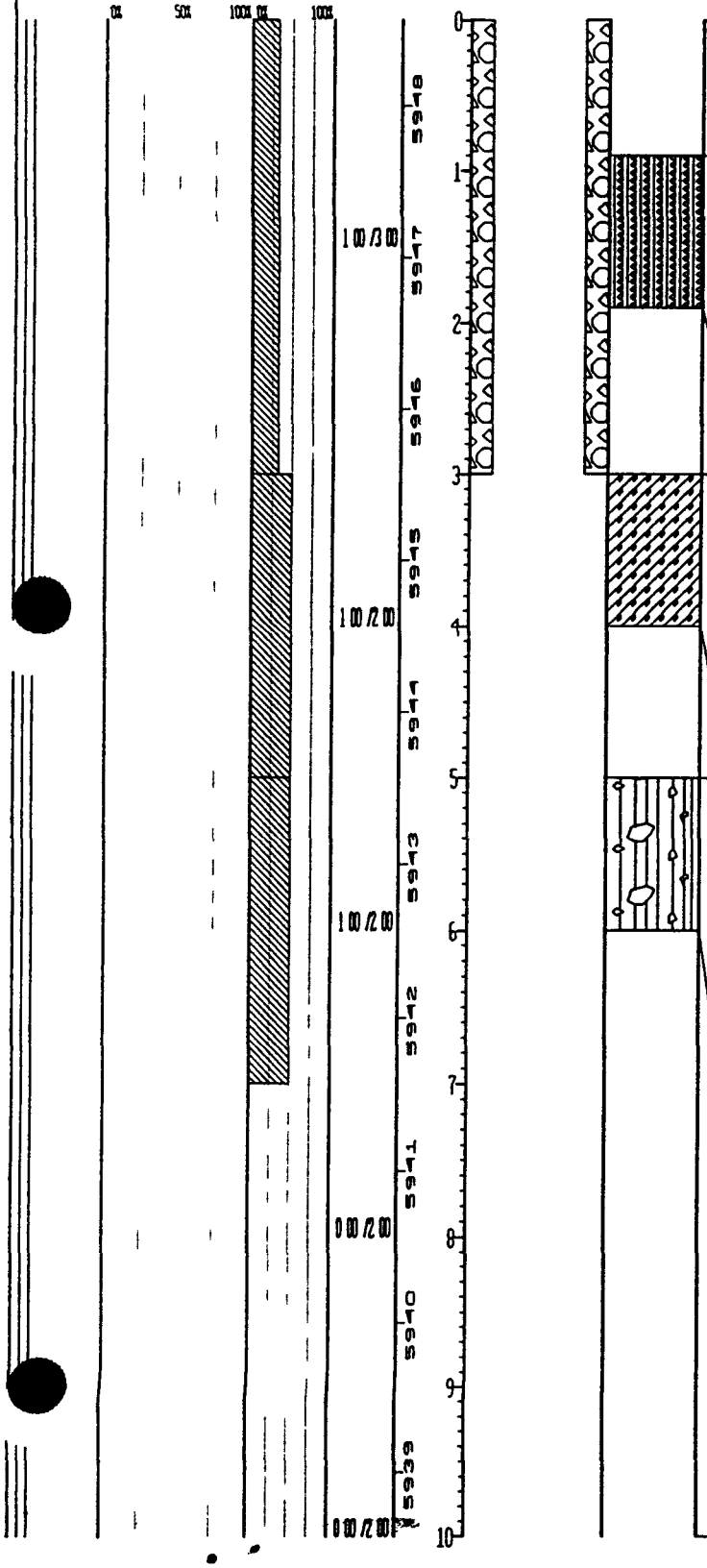
	Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H_2O Removed Gallons	Cum. Vol. of H_2O Removed Casing Vols.	Physical Description of Water
256	~~1340~~	1 6 gals	149	7 26	12 9	0 70	16740	30	clearer
							17298	31	
							17856	32	
							18414	33	
							18972	34	
1317	1327	1.3 gpm	175	7 35	13 5	0 71	9530	35	yellowish
							20088	36	
							20646	37	
							21204	38	
							21762	39	

Comments: running 1 1/3 gals per min then 1 6

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 68 0	GROUND ELEVATION (FT)	5948 57	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750188 98	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21091
EAST	2087816 20	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/08/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 17 0 FT 14 5 FT BACKFILL MATERIAL BENTONITE 68 0 FT 19 0 FT

CHEMICAL SA NU | SAMPLE GRAIN SIZE 0% 50% 100% | E | I E AL | UM | DE | WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION



Top soil start of boring at 0 90 ft

SM — Silty Sand with some gravel and clay grayish brown (5YR3/2) maximum gravel diameter 2 average 09 fine- to coarse-grained sand, well graded, angular to sub-angular medium plasticity gravel is primarily quartzite with some weathered granite sand contains abundant carbonaceous/organic material quartz, some rock fragments feldspar calcrete, trace mica, no apparent bedding, moist
19% gravel, 46% sand, 21% silt, 14% clay

No recovery for this interval

SC — Clayey Sand with some gravel and silt light brown (5YR6/4) to light brown (5YR5/6) maximum gravel diameter > 25, average 05 fine- to coarse-grained sand, well graded angular to sub-angular medium plasticity gravel is primarily caliche coated quartzite with some weathered granite at 3 7 sand contains abundant quartz, caliche/calcrete trace rock fragments, dark minerals feldspar mica, no apparent bedding, manganese staining, dry
14% gravel, 50% sand, 10% silt, 26% clay

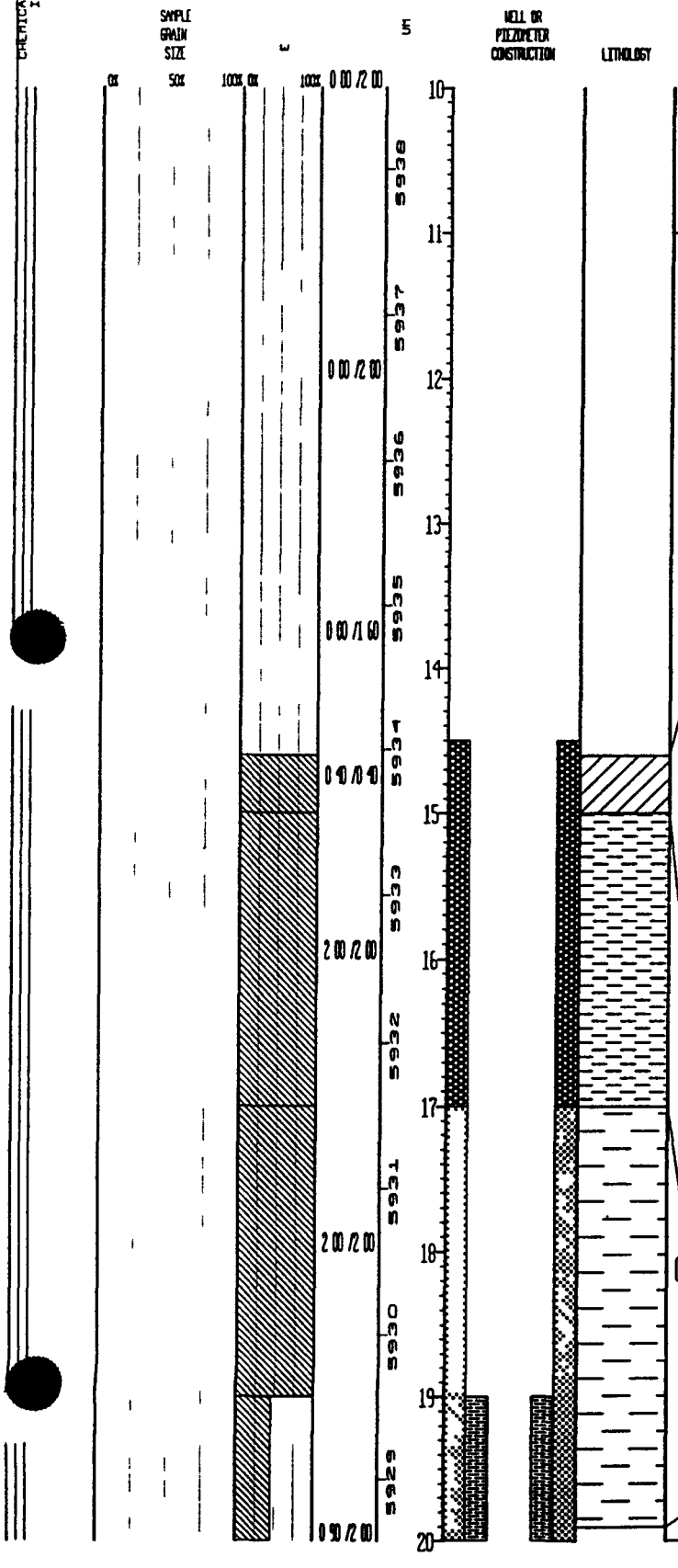
No recovery for this interval

GM — Sandy Gravel with some silt and clay light brown (5YR5/6) maximum gravel diameter 2 average 08 fine to coarse-grained sand, well graded angular to sub-angular low to medium plasticity gravel is primarily quartzite sand contains abundant quartz, some feldspar rock fragments dark minerals iron and limonite stain, trace mica, obsedian, no apparent bedding, dry
39% gravel 36% sand, 16% silt 9% clay
Note grab samples were taken at 11 0 13 0 and 13 0 14 6 enabling this unit break, despite no split spoon recovery

No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 68 0		GROUND ELEVATION (FT)	5948 57	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750188 98	AREA NE TRENCHES		CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21091
EAST	2087816 20	LOCATOR NUMBER	H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/08/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 17 0 FT 14 5 FT BACKFILL MATERIAL BENTONITE 68 0 FT 19 0 FT



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	No recovery for this interval
CL	Sandy Clay with some silt and gravel yellowish gray (5Y7/2) maximum gravel diameter > 25 average 01 fine- to medium-grained, poorly graded angular to sub-angular medium to high plasticity gravel is primarily quartzite sand contains abundant quartz, some rock fragments dark minerals trace feldspar iron/limonite stain, mica, moderately laminated alluvial material and reworked bedrock, note laminea of coarse sandy alluvial material at 14 7 14 8 iron stain at 14 8 15 0 moist 3% gravel 26% sand 21 % silt 50% clay Top of bedrock at 15 0 ft Note Grab samples available from 11 0-14 6
SANDY CLAYSTONE	Sandy Claystone medium light gray (N6) very fine to medium-grained, moderately sorted, sub-rounded to well rounded, approximately 6% porosity argillaceous cement moderately friable, abundant frosted quartz some clear quartz, iron and limonite stain trace dark minerals/rock fragments iron stain at 15 1 15 3 15 5 16 2 16 3 caliche nodules at 15 2 16 2 16 3 16 7 moist 38% sand 4% silt 58% clay
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) very fine to medium-grained, well sorted, sub-rounded to rounded, approximately 12% porosity argillaceous cement highly friable abundant frosted quartz some dark minerals feldspar trace iron and limonite stain, thinly to thickly laminated, carbonaceous material throughout vertically aligned roots at 18 0 19 7 wood fragment at 19 6 iron nodules at 19 8 iron stain at 17 6 17 9 19 4 19 8 moist 60% sand 16% silt 24% clay
	No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 68 0	GROUND ELEVATION (FT)	5948 57	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750188 98	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21091
EAST	2087816 20	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/08/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 17 0 FT 14 5 FT BACKFILL MATERIAL BENTONITE 68 0 FT 19 0 FT

CHEMICAL SAP

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SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

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WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

0 90 /2 00

5928

5927

1 10 /2 00

5926

5925

0 70 /2 00

5924

5923

0 50 /2 00

5922

5921

1 00 /2 00

5920

5919

0 50 /2 00

20 21 22 23 24 25 26 27 28 29 30

04/09/92

04/03/92

No recovery for this interval

SILTY SANDSTONE Silty Sandstone with some clay yellowish gray (5Y7/2) to grayish yellow (5Y8/4) very fine to medium-grained, moderately sorted, sub-rounded to rounded approximately 12% porosity argillaceous cement highly friable abundant frosted quartz, some dark minerals trace clear quartz, feldspar iron and limonite stain, iron nodules at 28 9 iron stain at 23 4, 23 7 27 1 28 9 increased clay content at 27 6-27 8 some faint de-watering structures throughout, moist to wet
56% sand, 24% silt, 20% clay

No recovery for this interval

SILTY SANDSTONE Silty Sandstone with some clay yellowish gray (5Y7/2) to grayish yellow (5Y8/4) as described above

No recovery for this interval

SILTY SANDSTONE Silty Sandstone with some clay yellowish gray (5Y7/2) to grayish yellow (5Y8/4) as described above

No recovery for this interval

SILTY SANDSTONE Silty Sandstone with some clay yellowish gray (5Y7/2) to grayish yellow (5Y8/4) as described above

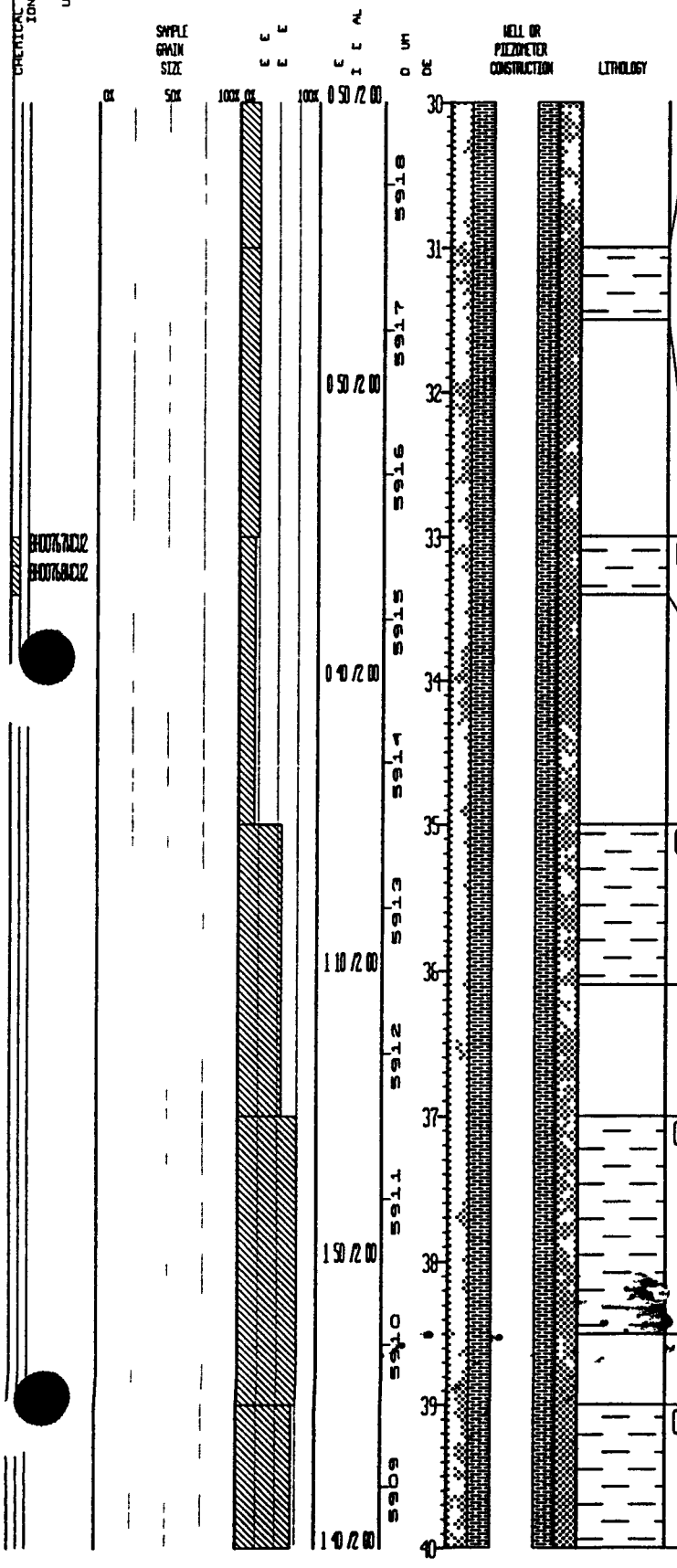
No recovery for this interval

CLAYEY SANDSTONE Clayey Sandstone with some silt yellowish gray (5Y7/2) to grayish yellow (5Y8/4) clay is light gray (N7) as described below

No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 68 0	GROUND ELEVATION (FT)	5948 57	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER	
NORTH	750188 98	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21091	
EAST	2087816 20	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/08/92		

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 17 0 FT 14 5 FT BACKFILL MATERIAL BENTONITE 68 0 FT 19 0 FT



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to grayish yellow (5Y8/4), clay is light gray (N7) very fine- to medium-grained, moderately sorted, rounded to well rounded approximately 15% porosity argillaceous cement moderately friable abundant frosted quartz, trace dark minerals rock fragments iron nodules iron/limonite stain, laminated, sand is ripple laminated, increased sand content at 35 4-36 0 41 05-41 3" increased sand content at 43 4-43 7, moderately laminated to thinly bedded clay/sand at 39 8-40 4, iron staining at 37 1 43 3-43 5 clay rip-up clast (> 12 x 12) with iron stain coating at 39 1, clay rip-up clasts at 43 3-43 5 saturated 66% sand, 8% silt 26% clay
	No recovery for this interval
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to grayish yellow (5Y8/4) clay is light gray (N7) as described above VOA samples obtained from 33 0-33 2, and from 33 2 33 4
	No recovery for this interval
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to grayish yellow (5Y8/4) clay is light gray (N7) as described above
	No recovery for this interval
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to grayish yellow (5Y8/4) clay is light gray (N7) as described above
	No recovery for this interval
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to grayish yellow (5Y8/4) clay is light gray (N7) as described above

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 68 0	GROUND ELEVATION (FT)	5948 57	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER	
NORTH	750188 98	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21091	
EAST	2087816 20	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/08/92		

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 17 0 FT 14 5 FT BACKFILL MATERIAL BENTONITE 68 0 FT 19 0 FT

CHEMICAL SAT NUMB

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

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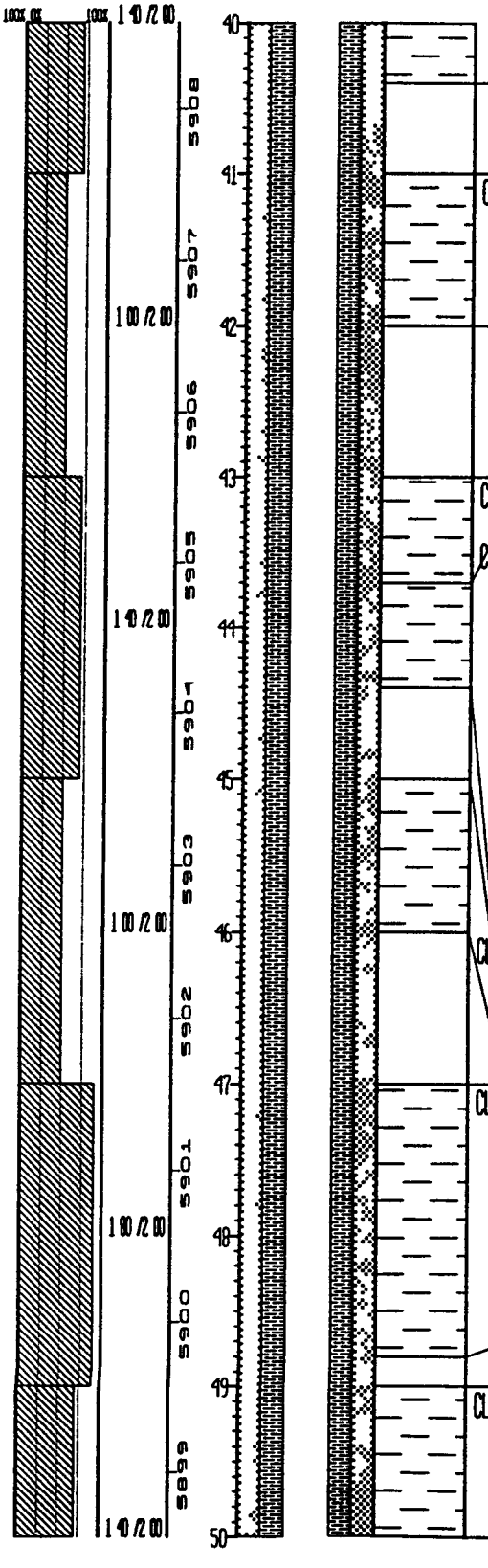
WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION



No recovery for this interval

CLAYEY SANDSTONE Clayey Sandstone with some silt yellowish gray (5Y7/2) to grayish yellow (5Y8/4) clay is light gray (N7) as described above

No recovery for this interval

CLAYEY SANDSTONE Clayey Sandstone with some silt yellowish gray (5Y7/2) to grayish yellow (5Y8/4), clay is light gray (N7), as described above

CLAYEY SANDSTONE Clayey Sandstone with some silt clay is medium light gray (N6) to medium gray (N5) sand is yellowish gray (5Y7/2) very fine- to fine-grained, very well sorted, rounded, approximately 5% porosity argillaceous cement slightly friable abundant frosted quartz, trace dark minerals, increased clay content at 43 7-43 9 increased sand at 48 6-48 8 thinly to moderately laminated clay/sand at 43 9-44 4 sandy clay at 44 4-45 7, thinly laminated at 45 7-46 0 laminations become more clayey downward at 47 0-48 6, carbonaceous lamination at 48 7 thinly bedded clay/sand at 49 0-50 3, sand beds are iron stained and dark yellowish orange (10YR6/6) at 49 0-50 3 wet to saturated
57% sand, 7% silt, 36% clay

No recovery for this interval

CLAYEY SANDSTONE Clayey Sandstone with some silt clay is medium light gray (N6) to medium gray (N5) sand is yellowish gray (5Y7/2) as described above

No recovery for this interval

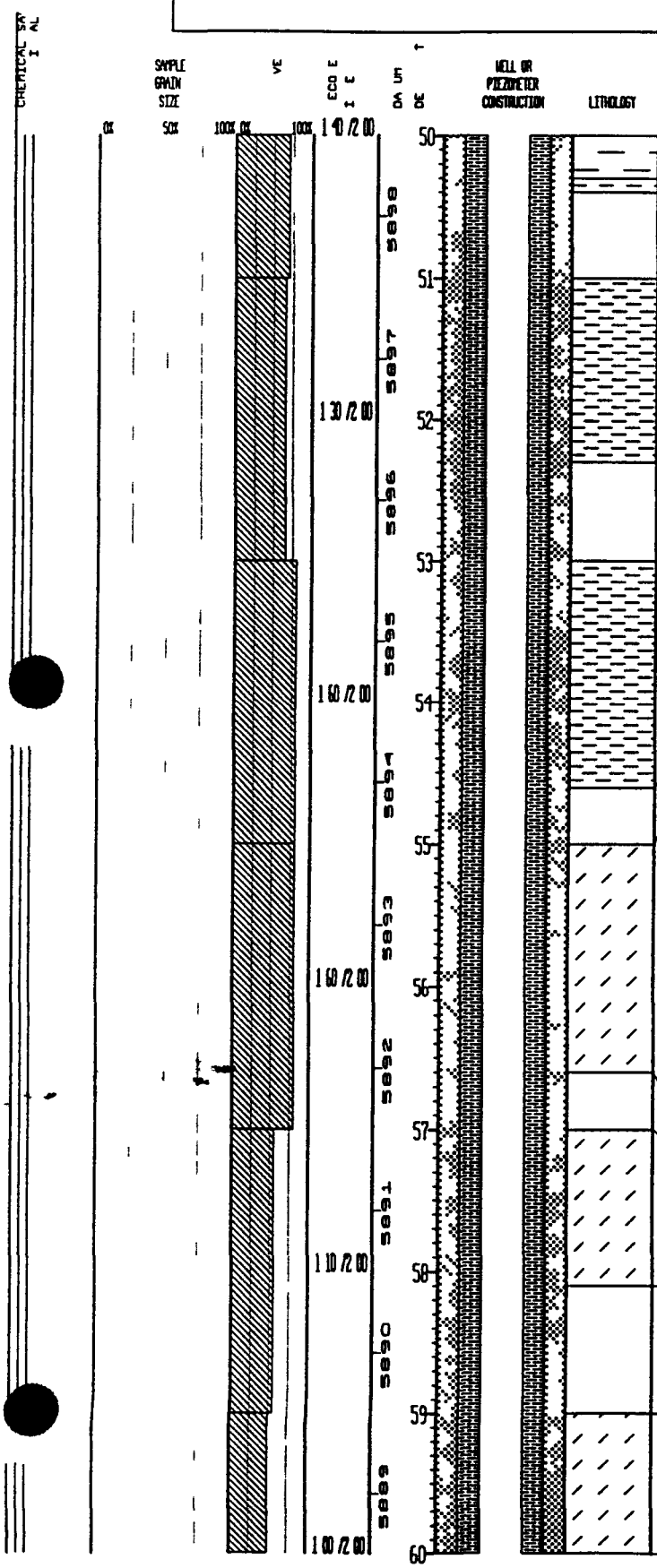
CLAYEY SANDSTONE Clayey Sandstone with some silt clay is medium light gray (N6) to medium gray (N5) sand is yellowish gray (5Y7/2) as described above

No recovery for this interval

CLAYEY SANDSTONE Clayey Sandstone with some silt clay is medium light gray (N6) to medium gray (N5) sand is yellowish gray (5Y7/2) as described above

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 68 0	GROUND ELEVATION (FT)	5948 57	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER	
NORTH	750188 98	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21091	
EAST	2087816 20	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/08/92		

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 17 0 FT 14 5 FT BACKFILL MATERIAL BENTONITE 68 0 FT 19 0 FT



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
SANDY CLAYSTONE	Sandy Claystone with some silt clay is medium gray (N5) to light gray (N7) sand is dark yellowish orange (10YR6/6) where iron stained, as described below
	No recovery for this interval
SANDY CLAYSTONE	Sandy Claystone with some silt clay is medium gray (N5) to light gray (N7) sand is dark yellowish orange (10YR6/6) where iron stained, very fine- to fine-grained, well sorted rounded, approximately 9% porosity argillaceous cement moderately friable abundant frosted quartz trace limonite/iron stain, dark minerals/rock fragments feldspar mica, thinly laminated to thinly bedded, increased sand content at 51 0-51 4 51 8 52 3, increased sand content at 51 4-51 8 laminations dipping 10 degrees at 51 0-51 4 ripple lamination with amplitude of 05 and wavelength of 15 at 51 8 sand contains iron stain and nodules at 51 8 52 3 wavy and convolute laminea at 53 0-53 5 pseudonodules of sand-wavy and convolute laminea of sand/sandy clay at 53 5 54 6 wet to saturated 40% sand, 12% silt, 48% clay
	No recovery for this interval
SANDY CLAYSTONE	Sandy Claystone with some silt clay is medium gray (N5) to light gray (N7) sand is dark yellowish orange (10YR6/6) where iron stained, as described above
	No recovery for this interval
SILTY SANDSTONE	Conglomerate Bearing Silty Sandstone with some clay yellowish gray (5Y8/1) to dark yellowish orange (10YR6/6) very fine- to medium-grained with trace granule pebbles very poorly sorted, rounded to well rounded, approximately 22% porosity argillaceous cement highly friable abundant frosted quartz, some unconsolidated rounded clay clasts feldspar rock fragments/dark minerals iron stain, trace clear quartz, mica, iron stain and white clay rip-up clasts throughout, largest clay rip-up clast is approximately 05 x 05 granule pebbles at 57 5-63 0 saturated 1% granule pebbles, 60% sand, 21% silt, 18% clay
	No recovery for this interval
SILTY SANDSTONE	Conglomerate Bearing Silty Sandstone with some clay yellowish gray (5Y8/1) to dark yellowish orange (10YR6/6) as described above
	No recovery for this interval
SILTY SANDSTONE	Conglomerate Bearing Silty Sandstone with some clay yellowish gray (5Y8/1) to dark yellowish orange (10YR6/6) as described above

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 68 0	GROUND ELEVATION (FT)	5948 57	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER	
NORTH	750188 98	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21091	
EAST	2087816 20	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/08/92		

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 17 0 FT 14 5 FT BACKFILL MATERIAL BENTONITE 68 0 FT 19 0 FT

CHEMICAL SAP DA I NA NUM

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

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WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

1 00 /2 00

0 80 /2 00

1 80 /2 00

1 00 /1 00

2 00 /2 00

5888 5887 5886 5885 5884 5883 5882 5881 5880 5879

60 61 62 63 64 65 66 67 68 69 70

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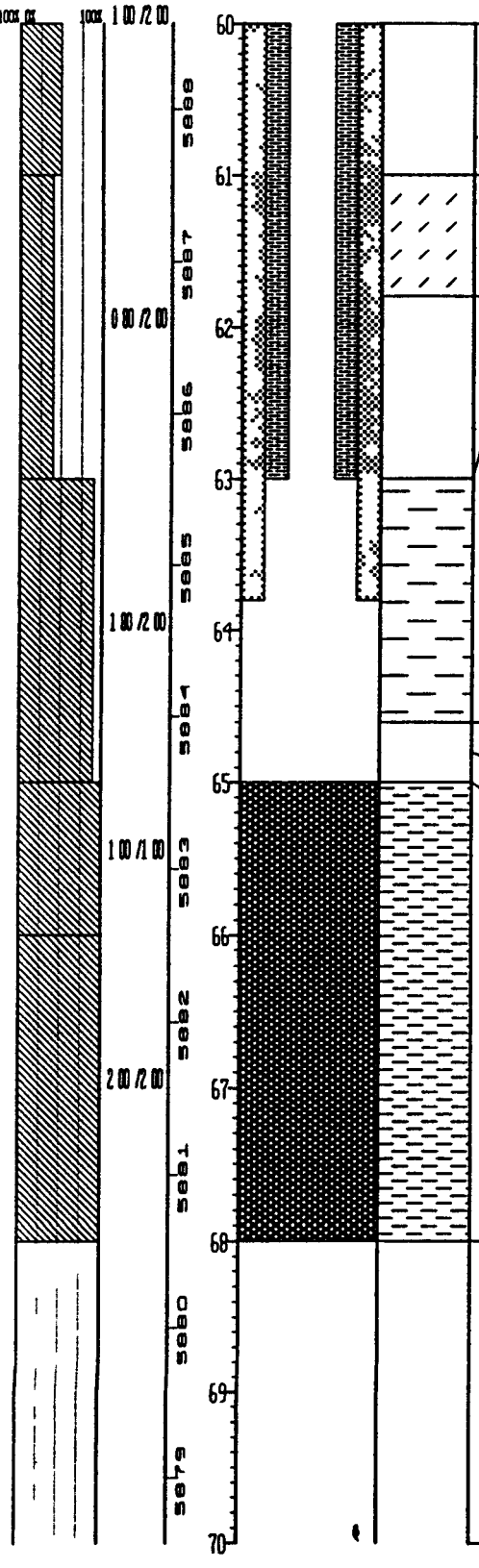

No recovery for this interval

SILTY SANDSTONE Conglomerate Bearing Silty Sandstone with some clay yellowish gray (5Y8/1) to dark yellowish orange (10YR6/6) as described above

No recovery for this interval

CLAYEY SANDSTONE Clayey Sandstone with some silt interbedded medium gray (N5) clay and dark yellowish orange (10YR6/6) sand, very fine- to coarse-grained, poorly sorted, rounded to well-rounded, approximately 16% porosity argillaceous cement highly friable abundant frosted quartz, some rock fragments dark minerals feldspar trace iron staining, mica cross-laminations dipping 13 degrees at 63 9 convolute and contorted laminea with pseudonodules inclined up to 45 degrees (possible slump) at 64 4-64 6 contorted laminea and sand lenses at 63 0-63 9 , wet to saturated
60% sand, 16% silt, 24% clay

VOA sample obtained from this interval

No recovery for this interval

SANDY CLAYSTONE Sandy Claystone with some silt medium light gray (N6) to medium dark gray (N4) very fine- to fine-grained, well sorted, sub-rounded to rounded, approximately 8% porosity, argillaceous cement slightly to moderately friable abundant frosted quartz, some dark minerals clear quartz, ripple laminated thin beds of cross-laminated sandy clay at 65 8-66 0 67 8-68 0 moist to wet
37% sand, 13% silt 50% clay

Total depth at 68 0 ft

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 74 5	GROUND ELEVATION (FT)	5949 04	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749979	AREA EAST TRENCHES	CASING DIAMETER (IN)	2 ID	GEOLOGIST	DCB	36-87BR
EAST	2087295	LOCATOR NUMBER 09	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	08/27/87	
REMARKS	Hollow Stem Auger						

CHEMICAL SAMPLE
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SAMPLE GRAIN SIZE: 0% 50% 100%

RE: 0% 100%

DE: 0 1 2 3 4 5 6 7 8 9 10

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

Sample	Unified Soils Classification or Rock Type	Description
1 3/2	GC	Clayey Gravel light gray (N7) clay matrix is dark yellowish brown (10YR 4/2) angular moderately sorted, max size 5 5 cm some plant debris in upper 0 3 ft
2/2	GC	GRAVEL light gray (N7) angular to sub-angular moderately sorted, max size 4 5 cm caliche matrix
0 5/0 5	GC	As above gravel fraction is coarser max size 6 cm some sand
0/0 5	NO SAMPLE	
1 5/1 5	GC	Clayey Gravel light gray (N7) clay matrix is light brown (5YR 5/6) angular to sub-rounded, poorly graded, max size 5 5 cm some sand, caliche rind on gravel
0/0 5	NO SAMPLE	
2/2	SP	GRAVELLY SAND grayish orange (10YR 7/4) coarse grained to very fine grained poorly graded, angular to sub-angular some clay and calcareous mineralization
2/2	CLAYSTONE	Top of Bedrock Very light gray (N7) high plasticity (est) local iron staining and bodies of caliche some silt and stringers
2/2	CLAYSTONE	As above caliche bodies/stringers less frequent below 10 ft

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 74 5		GROUND ELEVATION (FT)	5949 04	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749979	AREA EAST TRENCHES		CASING DIAMETER (IN)	2 ID	GEOLOGIST	DCB	36-87BR
EAST	2087295	LOCATOR NUMBER	09	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	08/27/87	
REMARKS	Hollow Stem Auger							

SAMPLE GRAIN SIZE: 0% 50% 100%

CO ER: 0% 100%

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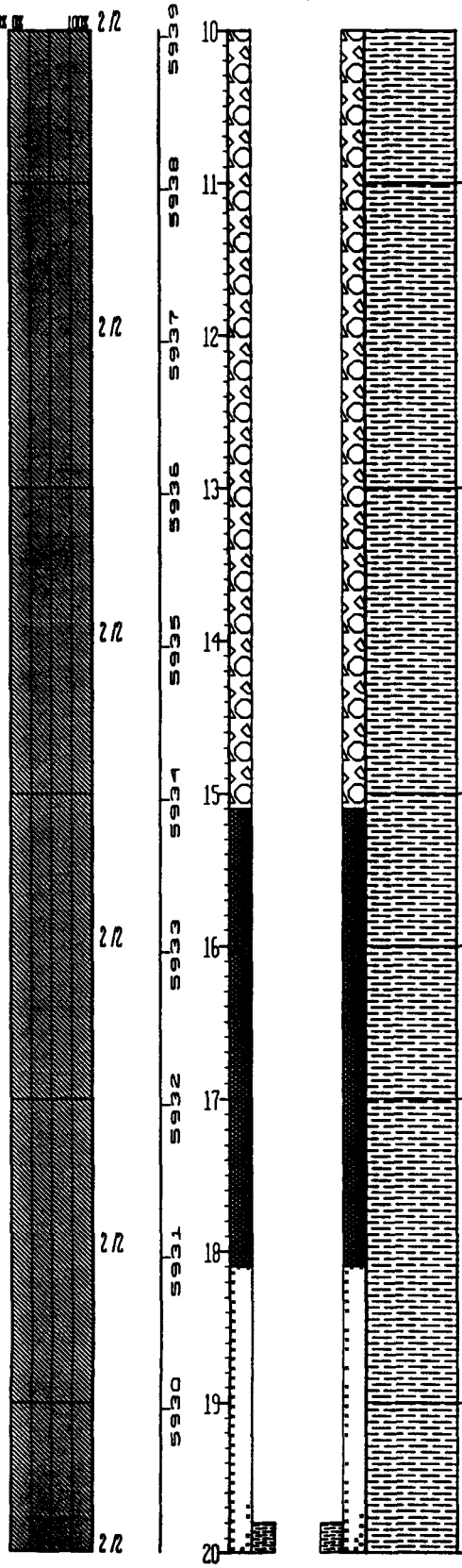
WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
CLAYSTONE	As above at 12 ft (est depth) interval grades to very pale orange (10YR 8/2)
CLAYSTONE	As above
CLAYSTONE	As above
CLAYSTONE	Light gray (N7), bedding not apparent (massive?) highly weathered, moderately friable, localized iron staining
CLAYSTONE	As above
CLAYSTONE	As above, below 20 ft (est depth) interval grades from claystone to siltstone to sandstone



STATE PLANE COORDINATE		TOTAL DEPTH (FT) 74 5		GROUND ELEVATION (FT)	5949 04	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749979	AREA EAST TRENCHES		CASING DIAMETER (IN)	2 ID	GEOLOGIST	DCB	36-87BR
EAST	2087295	LOCATOR NUMBER 09		BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	08/27/87	
REMARKS	Hollow Stem Auger							

CHEMICAL SAMPLE DEPTH
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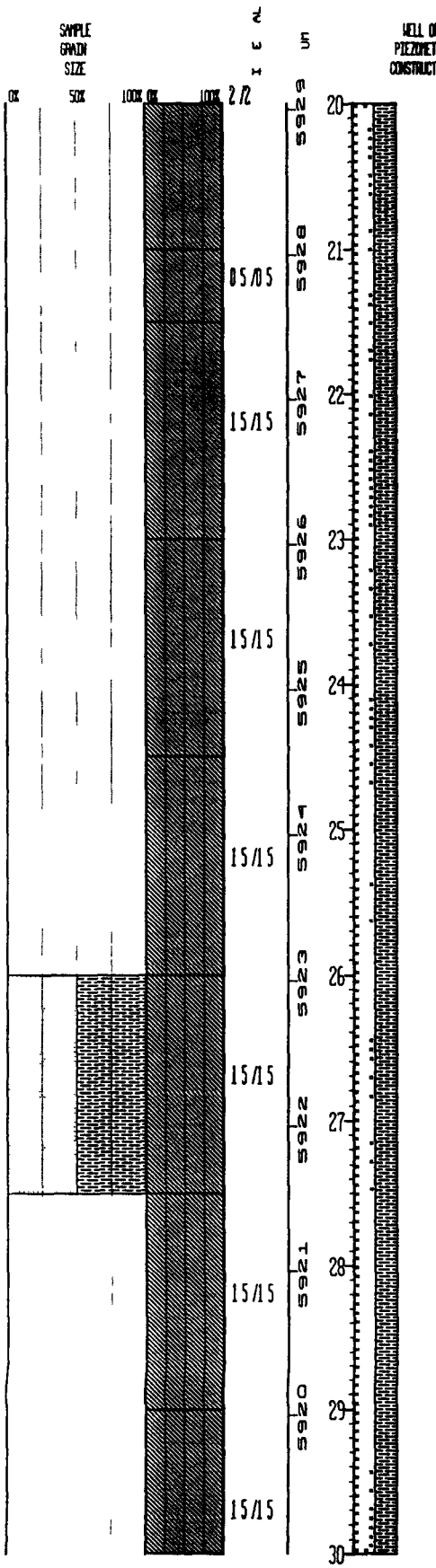

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

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WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

Depth	Sample	Unified Soils Classification or Rock Type	Description
20	2/2		
21	05/05	SANDSTONE	Yellowish gray (5Y 7/2), bedding not apparent may be horizontal from appearance of core breaks highly weathered moderately friable fine grained sub-angular to sub-rounded, well sorted, localized to wide spread iron staining
22	15/15	SANDSTONE	As above
23	15/15	SANDSTONE	As above
24	15/15	SANDSTONE	As above
25	15/15	SANDSTONE	As above
26	15/15	SANDSTONE	As above
27	15/15	SANDSTONE	As above
28	15/15	SANDSTONE	As above
29	15/15	SANDSTONE	As above
30			

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5929 5928 5927 5926 5925 5924 5923 5922 5921 5920

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 74 5	GROUND ELEVATION (FT)	5949 04	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749979	AREA EAST TRENCHES	CASING DIAMETER (IN)	2 ID	GEOLOGIST	DCB	36-87BR
EAST	2087295	LOCATOR NUMBER 09	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	08/27/87	
REMARKS	Hollow Stem Auger						

SAMPLE GRAIN SIZE 0% 50% 100% OR 100%

WELL OR PIEZOMETER CONSTRUCTION

12/01/87

09/27/87

LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	SANDSTONE	As above, at about 31 ft bedding becomes distinct 2 mm and less in thickness
	SANDSTONE	As above
	SANDSTONE	As above, at about 34 5 bedding thickness increases to 5 mm and less, medium grained fraction present
	SANDSTONE	Very light gray (N8) and grayish orange (10YR 7/4) bedding not apparent highly weathered, highly friable very fine grained to fine grained, poorly sorted localized to widely disseminated iron staining
	SANDSTONE	As above
	SANDSTONE	As above

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 74 5	GROUND ELEVATION (FT)	5949 04	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749979	AREA EAST TRENCHES	CASING DIAMETER (IN)	2 ID	GEOLOGIST	DCB	36-87BR
EAST	2087295	LOCATOR NUMBER 09	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	08/27/87	
REMARKS	Hollow Stem Auger						

CHEMICAL SAMPLE DEPTH AMP

SAMPLE GRAIN SIZE 0% 50% 100% PE RECO 0% 100% I DE WELL OR PIEZOMETER CONSTRUCTION LITHOLOGY UNIFIED SOILS CLASSIFICATION OR ROCK TYPE DESCRIPTION

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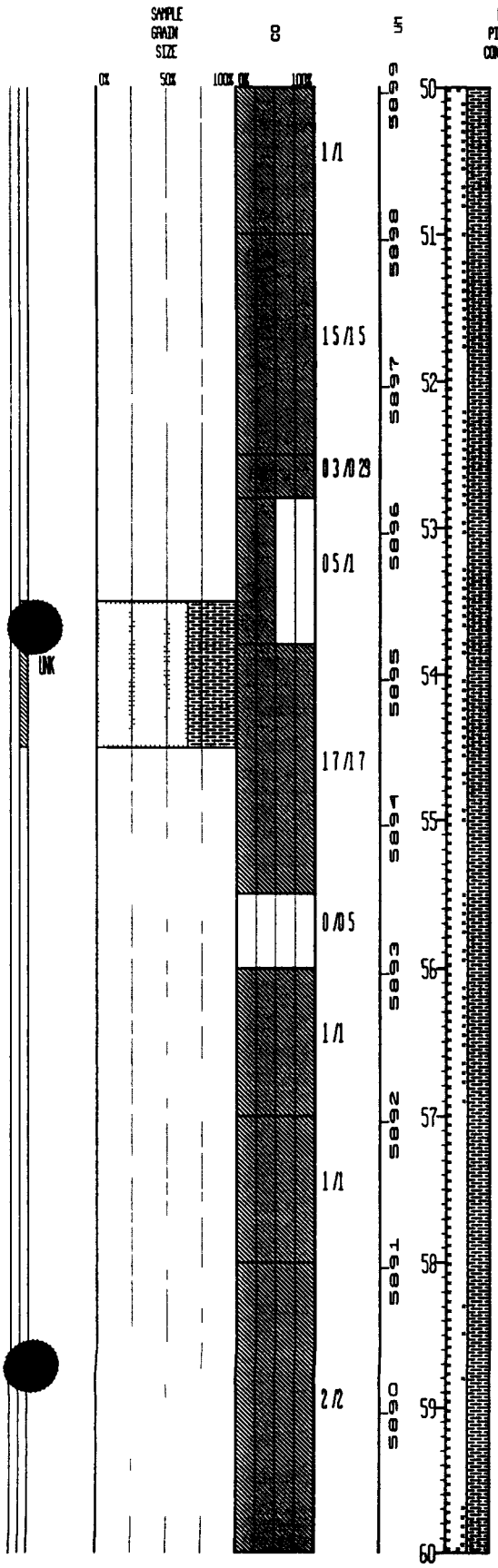
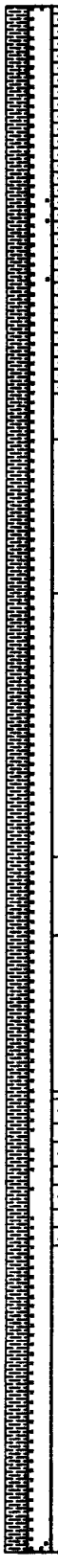
I	DE	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
15/15	5909	SANDSTONE	As above
09/15	5908	SANDSTONE	At 42 ft (est depth) interval grades to medium grained, well rounded sandstone
1/1	5907	SANDSTONE	As above
07/15	5906	SANDSTONE	As above
15/15	5905	SILTSTONE	Interval grades to siltstone below 45 ft, light gray (N7) well weathered, moderate to slightly friable slight VFG sand fraction
03/1	5904	SILTSTONE	As above
0/1	5903	NO SAMPLE	
05/05	5902	SILTSTONE	As above (reference interval 45 5 to 47 0 ft)
05/05	5901	SILTSTONE	As above

40 41 42 43 44 45 46 47 48 49 50

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 74 5	GROUND ELEVATION (FT)	5949 04	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749979	AREA EAST TRENCHES	CASING DIAMETER (IN)	2 ID	GEOLOGIST	DCB	36-87BR
EAST	2087295	LOCATOR NUMBER 09	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	08/27/87	
REMARKS	Hollow Stem Auger						



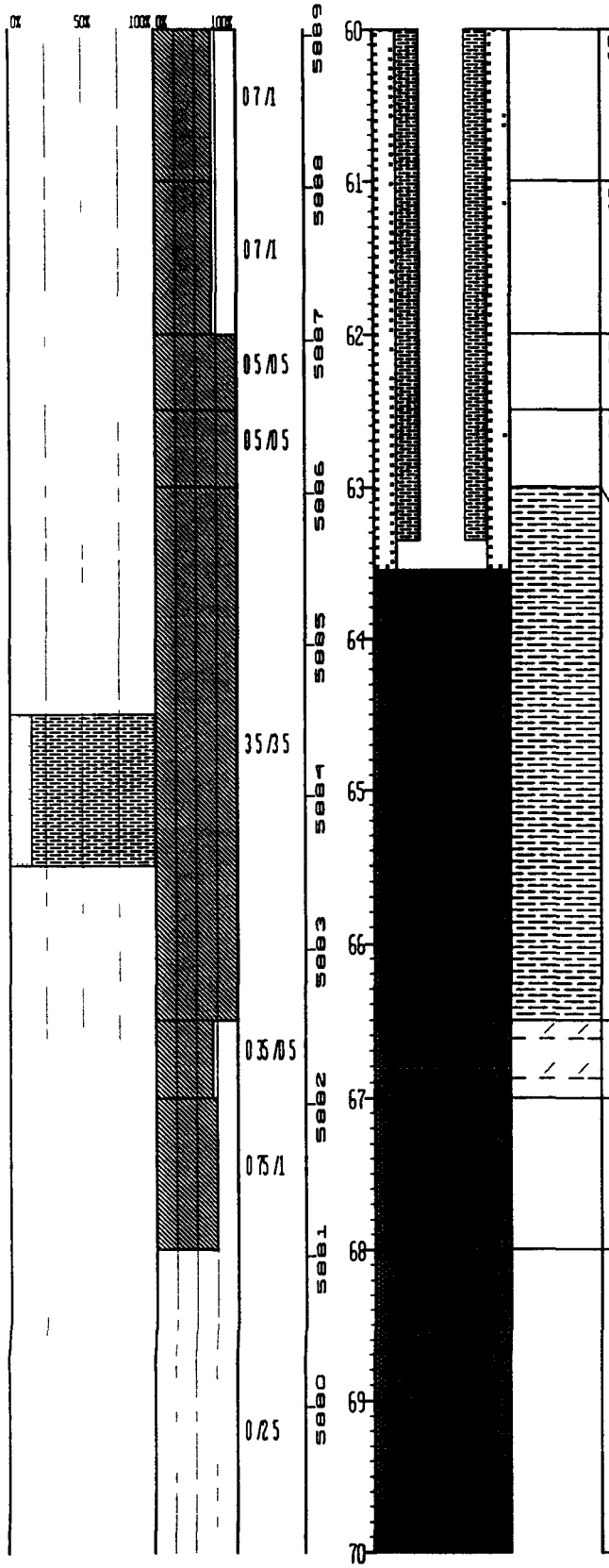
WELL OR PIEZOMETER CONSTRUCTION



LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	CLAYSTONE	Medium light gray (N6) bedding not apparent (massive?) well weathered, moderately to slightly friable, slight silt fraction
	CLAYSTONE	As above
	SILTY SANDSTONE	Very pale orange (10YR 8/2) bedding not apparent (massive?) highly weathered moderately friable very fine grained, localized iron staining
	SILTY SANDSTONE	As above
	SILTY SANDSTONE	As above
	NO SAMPLE	
	SILTY SANDSTONE	As above (reference interval 52 to 55 5)
	SILTY CLAYSTONE	Very light gray (N8) weathered slightly friable interval grades to sandstone, dark yellowish orange (10YR 6/6) bedding not apparent (massive?) well weathered, moderately friable very fine grained with abundant silt
	SANDSTONE	Grayish orange (10YR 7/4) bedding not apparent (massive?) highly weathered, slightly friable some silt interval grades to medium grained to very fine grained, well rounded, moderate sorting and highly friable

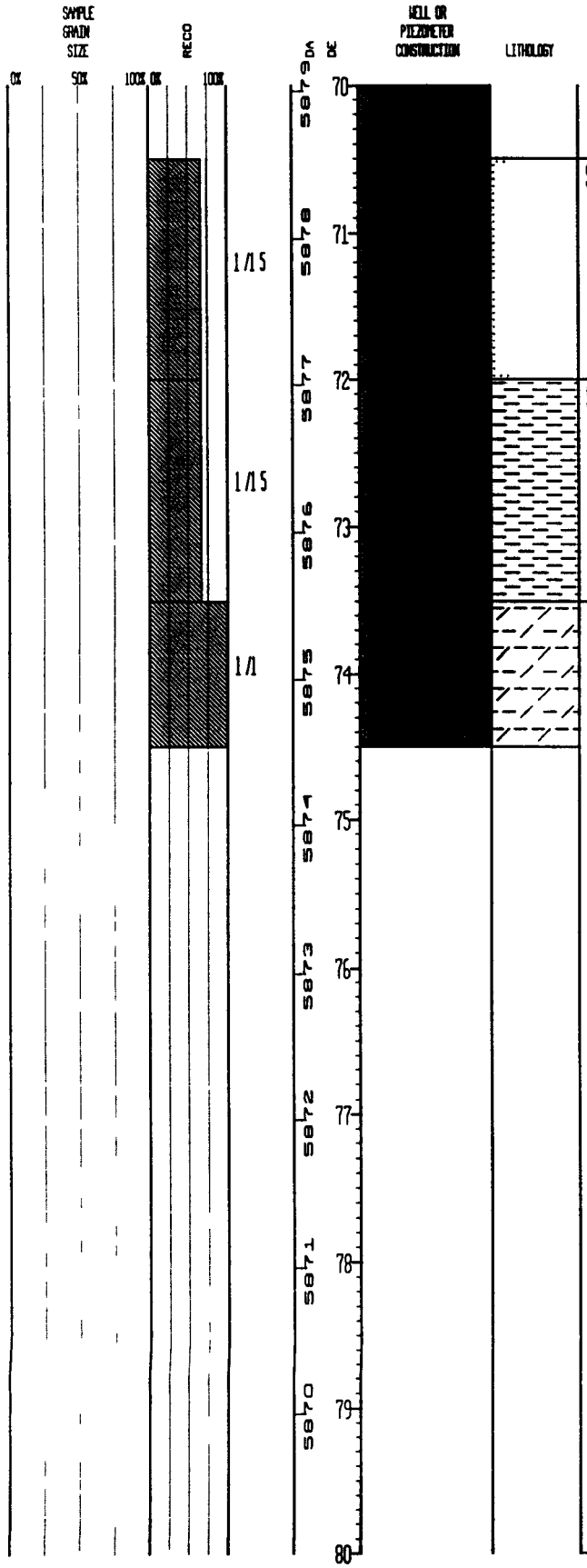
STATE PLANE COORDINATE		TOTAL DEPTH (FT) 74 5	GROUND ELEVATION (FT)	5949 04	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749979	AREA EAST TRENCHES	CASING DIAMETER (IN)	2 ID	GEOLOGIST	DCB	36-87BR
EAST	2087295	LOCATOR NUMBER 09	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	08/27/87	
REMARKS	Hollow Stem Auger						

CHEMICAL SAMPLE ON AMPLE



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
SANDSTONE	As above
SANDSTONE	As above
SANDSTONE	As above
SANDSTONE	Dark yellowish orange (10YR 6/6), bedding not apparent (massive?) well weathered, moderately to highly friable very fine grained, well sorted, moderate silt fraction
CLAYSTONE	Medium light gray (N6) bedding not apparent (massive?) well weathered, moderately friable, localized iron staining and carbonaceous mineralization Interval grades to clayey siltstone with depth
CLAYEY SILTSTONE	Med light gray massive bedding, well weathered, slightly friable trace of carbonaceous and iron staining
SANDSTONE	Fine grained, mottled, very light gray (N8) and very pale orange (10YR 8/2) massive bedding, highly weathered mod friable, well sorted, becoming clayey at bottom of interval
NO SAMPLE	

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 74 5	GROUND ELEVATION (FT)	5949 04	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749979	AREA EAST TRENCHES	CASING DIAMETER (IN)	2 ID	GEOLOGIST	DCB	36-87BR
EAST	2087295	LOCATOR NUMBER 09	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	08/27/87	
REMARKS	Hollow Stem Auger						



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
SANDSTONE	Fine grained, light gray (N8) massive bedding, well weathered, well sorted, some iron staining mottled, trace of carbonaceous material wavy bedding, at 70 degrees with clay infilling
SANDY CLAYSTONE	Fine grained, light gray (N7) massive bedding, well weathered, mod friable trace of organic material
SILTY CLAYSTONE	Light gray (N7) massive bedding, well weathered, mod friable some organic material FG sandstone occurs in pockets

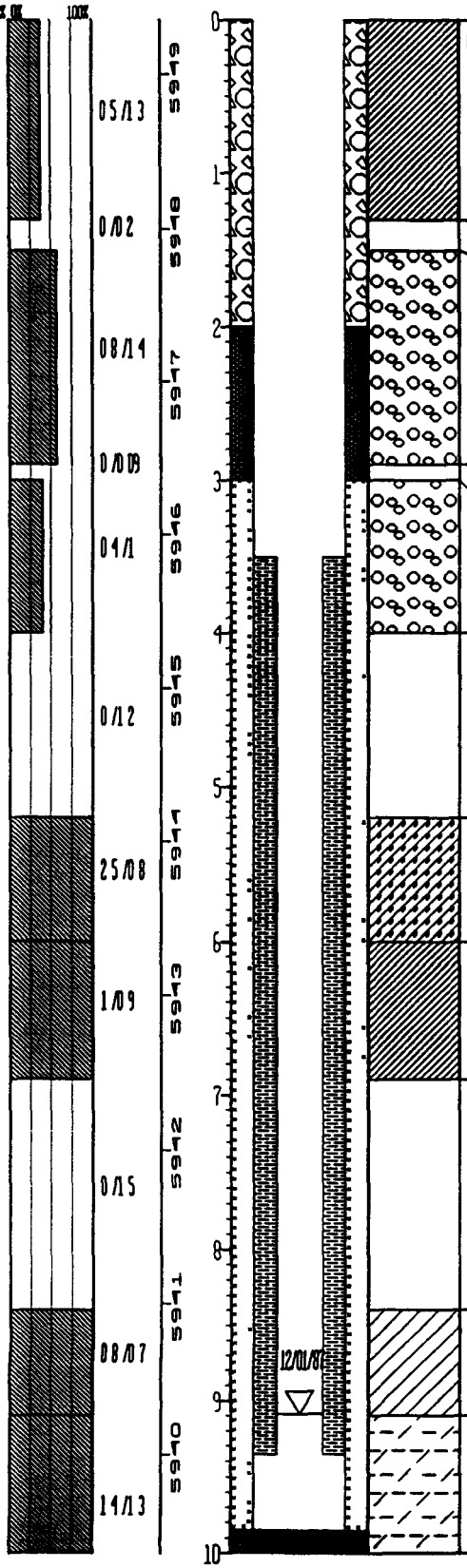
STATE PLANE COORDINATE		TOTAL DEPTH (FT) 14 4	GROUND ELEVATION (FT)	5949 36	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749975	AREA EAST TRENCHES	CASING DIAMETER (IN)	2 ID	GEOLOGIST	LAA	35-87
EAST	2087268	LOCATOR NUMBER 09	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	08/31/87	
REMARKS	Hollow Stem Auger						

CHEMICAL SAMPLE GRADA DNAL AM

SAMPLE GRAIN SIZE 0% 50% 100% PE CE RE 0% 100% I E AL UM DE

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY



Sample	Elevation	Unified Soils Classification or Rock Type	Description
05/13	5949	CH	Gravelly Clay between dark reddish brown (10R 3/4) to moderate brown (5YR 3/4) Est plast mod to high Gravel angular to sub-rounded, granules to 3 cm mod graded, some silt Trace sand VFG to med grained Trace root material
0/02	5948	NO SAMPLE	
08/14	5947	GW	GRAVEL pale yellowish brown (10YR 6/2) angular mod well graded, granules to 3 cm some clay silt and sand VFG to VCG Some CaCO3
0/009		NO SAMPLE	
04/1	5946	GW	Same as above
0/12	5945	NO SAMPLE	
25/08	5944	SC	Clayey Sand grayish orange to very pale orange (10YR 7/4 to 8/2) Sand VFG to coarse well graded, some gravel granules to 33 5 cm some silt CaCO3
1/09	5943	CH	Same as above
0/15	5942	NO SAMPLE	
08/07	5941	CL	Same as above Trace gravel
14/13	5940	SILTY CLAYSTONE	Top of Bedrock Yellowish gray (5Y 8/1) (Light) Mod to high plast Some CaCO3

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 14 4	GROUND ELEVATION (FT)	5949 36	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749975	AREA EAST TRENCHES	CASING DIAMETER (IN)	2 ID	GEOLOGIST	LAA	35-87
EAST	2087268	LOCATOR NUMBER 09	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	08/31/87	
REMARKS	Hollow Stem Auger						

CH MICAL SAMPLE
DA NAL MP

SAMPLE GRAIN SIZE: 0% 50% 100%

RECO: 0% 100%

I: 22/2; 28/2

DE: 5939, 5938, 5937, 5936, 5935, 5934, 5933, 5932, 5931, 5930

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

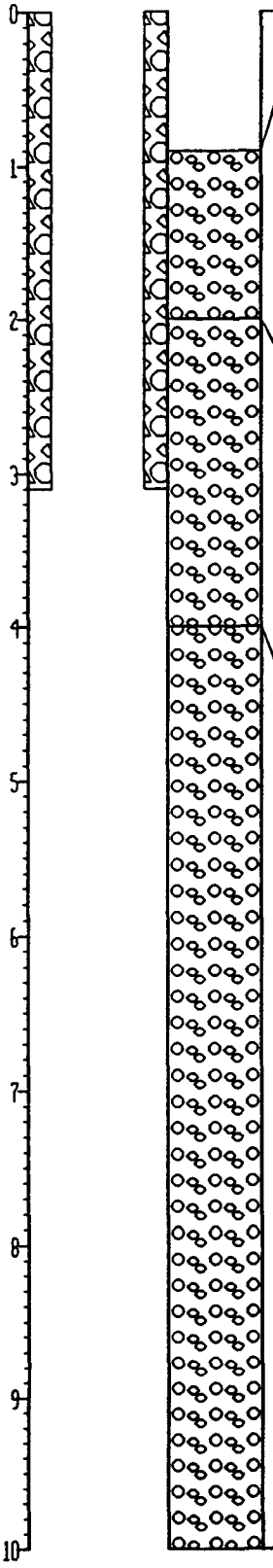
UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
SILTY CLAYSTONE	Pinkish gray (5YR 8/1) Est plast mod to high
SILTY CLAYSTONE	Yellowish gray (5Y 8/1), est plast mod to high Some dk yellowish orange coloring toward bottom (10YR 6/6) Calcite stringer near bottom NOTE No water encountered while drilling

10 11 12 13 14 15 16 17 18 19 20

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 42 6	GROUND ELEVATION (FT)	5947 61	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER	
NORTH	750053 14	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	L A GUST	05691	
EAST	2087620 69	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	10/04/91		

REMARKS HOLLOW STEM AUGER BENTONITE SEAL 23 0 FT 20 0 FT BACKFILL MATERIAL BENTONITE 42 6 FT 37 1 FT CUTTING SAMPLES OBTAINED IN 16 OZ JARS EVERY TWO FEET WITH THE EXCEPTION OF 24 7 28 4 AND 34 8-37 0 OFFSET TO 11391

CHEMICAL SAM | E NU | SAMPLE GRAIN SIZE 0% 50% 100% | E O E 0% 100% | I | D | DE | WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION



Depth	Sample	Unified Soils Classification or Rock Type	Description
0			Top soil start of boring at 0 90 ft
0 00 /0 90	5947	GW	Organic Sandy Gravel with some clay grayish black (N2) maximum gravel size 2 average size 1" diameter coarse- to fine-grained sand, well graded, low plasticity sub-angular sand, sub-rounded gravel gravel primarily quartzite and granite abundant caliche coating, dominant lithology sand quartz with some rock fragments and trace mica and dark minerals abundant caliche throughout interval no apparent bedding, moist, abundant root present 58% gravel 27% sand, 5% silt 10% clay
0 00 /1 10	5946		
0 00 /2 00	5945	GW	Clayey Sandy Gravel pale brown (5YR5/2) maximum size gravel 1/2" diameter average size 1/4 diameter coarse- to fine-grained sand, well graded sub-rounded gravel sub-angular sand low to medium plasticity gravel primarily quartzite with caliche coating, dominant lithology sand quartz with some rock fragments and trace mica abundant caliche throughout interval some iron staining on grains and throughout interval no apparent bedding, moist some roots present 71% gravel 21% sand, 8% clay
0 00 /2 00	5944		
0 00 /2 00	5943	GW	Sandy Gravel moderate yellowish brown (10YR5/4) maximum size gravel 1 1/2 diameter average size 1/2 coarse- to fine-grained sand well graded, sub-rounded gravel sub-angular to sub-rounded sand low plasticity gravel primarily quartzite and granite dominant lithology sand quartz with some iron staining on grains iron staining throughout interval some caliche throughout interval no apparent bedding, moist increase in sand at 10 0 12 0 no caliche at 18 0-20 0 67% gravel 26% sand, 2% silt 5% clay
0 00 /2 00	5942		
0 00 /2 00	5941		
0 00 /4 00	5940		
	5939		
	5938		

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 42 6		GROUND ELEVATION (FT)	5947 61	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750053 14	AREA NE TRENCHES		CASING DIAMETER (IN)	2 0	GEOLOGIST	L A GUST	05691
EAST	2087620 69	LOCATOR NUMBER	I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	10/04/91	

REMARKS HOLLOW STEM AUGER BENTONITE SEAL 23 0 FT 20 0 FT BACKFILL MATERIAL BENTONITE 42 6 FT 37 1 FT CUTTING SAMPLES OBTAINED IN 16 OZ JARS EVERY TWO FEET WITH THE EXCEPTION OF 24 7 28 4 AND 34 8 37 0 OFFSET TO 11391

CHEMICAL SAMPLE IONAL NUM

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

E I E D DE

0 00 /4 00

0 00 /2 00

0 00 /2 00

0 00 /2 00

0 00 /2 00

5937 5936 5935 5934 5933 5932 5931 5930 5929 5928

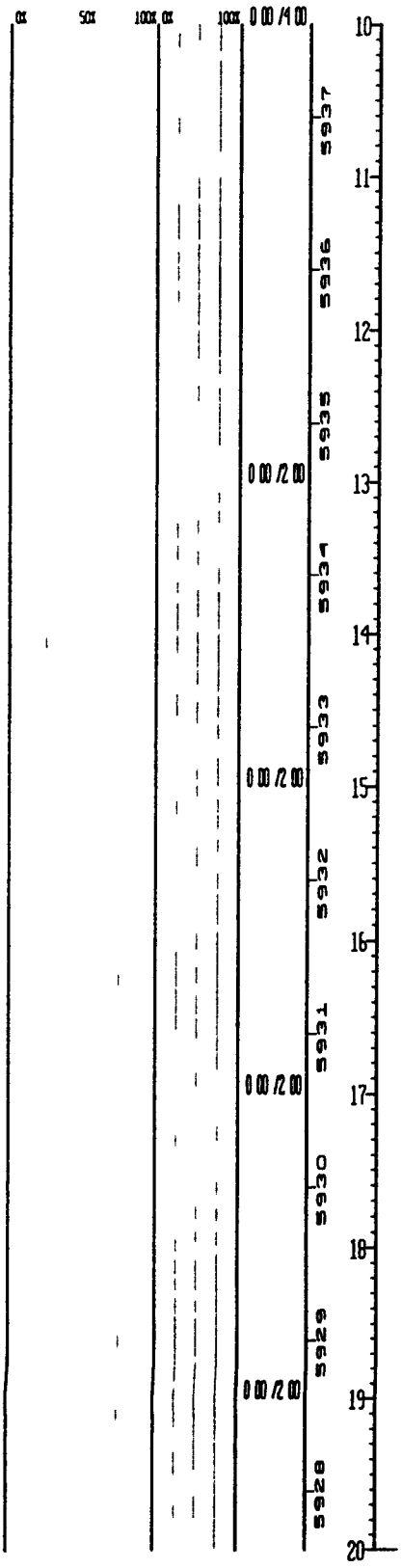
10 11 12 13 14 15 16 17 18 19 20

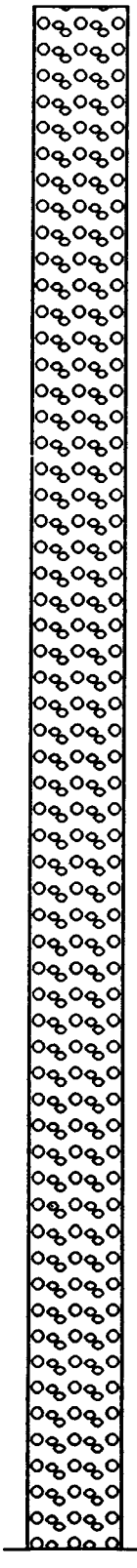
WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

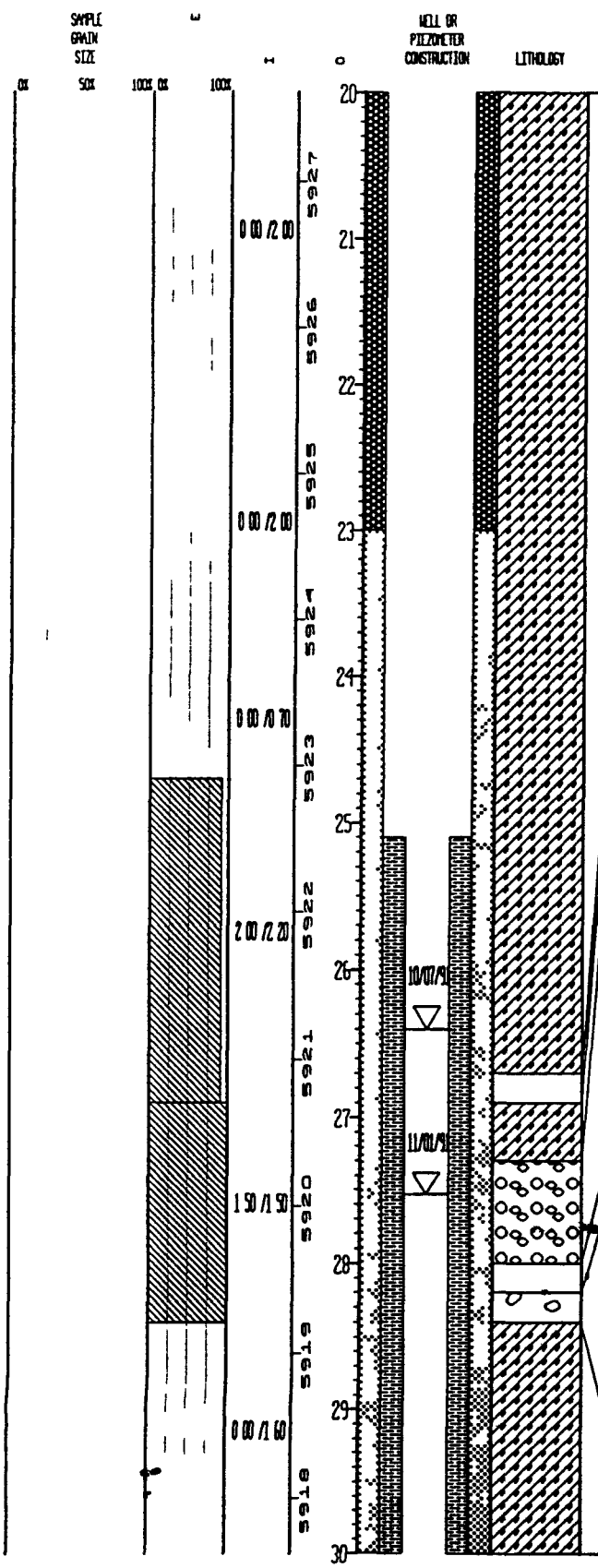
DESCRIPTION





STATE PLANE COORDINATE		TOTAL DEPTH (FT) 42 6	GROUND ELEVATION (FT)	5947 61	PROJECT NUMBER	0U2RI	LOG OF BORING NUMBER
NORTH	750053 14	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	L A GUST	05691
EAST	2087620 69	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	10/04/91	

REMARKS HOLLOW STEM AUGER BENTONITE SEAL 23 0 FT 20 0 FT BACKFILL MATERIAL BENTONITE 42 6 FT 37 1 FT CUTTING SAMPLES OBTAINED IN 16 OZ JARS EVERY TWO FEET WITH THE EXCEPTION OF 24 7 28 4 AND 34 8-37 0 OFFSET TO 11391



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
SC	Clayey Sand moderate brown (5YR4/4) medium to fine-grained sand, average size gravel 1/4" diameter poorly graded, sub-angular to sub-rounded sand sub-angular gravel medium plasticity dominant lithology sand quartz with some granite rock fragments trace mica, K-spar and dark minerals gravel granite some iron staining on grains some iron staining throughout interval trace carbonaceous material no apparent bedding, moist clay like appearance 5% gravel 62% sand 2% silt
	No recovery for this interval
SC	Clayey Sand moderate brown (5YR4/4) as described above increase in sand grain size to coarse
GW	Sandy Gravel moderate brown (5YR4/4) maximum size gravel 2 1/2 diameter, average size 1 coarse to fine-grained sand, well graded sub-angular gravel sub-angular to sub-rounded sand, low plasticity gravel primarily quartzite and granite with some limonite and carbonaceous material dominant lithology sand quartz with some quartzite and granite rock fragments with trace mica, K-spar and dark minerals some iron staining on grains and throughout interval, no apparent bedding, saturated 59% gravel 33% sand, 2% silt 6% clay
	VOA sample obtained from this interval
GP	Gravel with some sand moderate brown (5YR4/4) maximum size gravel 3/4 diameter average 1/4 diameter coarse to fine-grained sand, poorly graded angular to sub-angular low plasticity gravel primarily quartzite with some granite dominant lithology sand quartz, no apparent bedding, saturated 85% gravel 12% sand, 3% clay
SC	Gravelly Sand with some clay moderate brown (5YR3/4) coarse- to fine-grained sand, maximum gravel size 1/2 diameter average 1/4 diameter well graded, sub-angular to sub-rounded sand, sub-rounded gravel medium plasticity dominant lithology

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 42 6	GROUND ELEVATION (FT)	5947 61	PROJECT NUMBER	0U2RI	LOG OF BORING NUMBER
NORTH	750053 14	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	L A GUST	05691
EAST	2087620 69	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	10/04/91	

REMARKS HOLLOW STEM AUGER BENTONITE SEAL 23 0 FT 20 0 FT BACKFILL MATERIAL BENTONITE 42 6 FT 37 1 FT CUTTING SAMPLES OBTAINED IN 16 OZ JARS EVERY TWO FEET WITH THE EXCEPTION OF 24 7 28 4 AND 34 8-37 0 OFFSET TO L1391

CHEMICAL SAMPLE

SAMPLE GRAIN SIZE 50% 100% 0% 100%

0% | 0 00 /2 00 | 0 00 /2 00 | 2 20 /2 20 | 0 00 /5 60

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BH00094A012

DEPTH	SAMPLE	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
30					sand quartz with some granite and quartzite rock fragments trace mica and dark minerals trace iron staining on grains gravels primarily quartzite and granite no apparent bedding saturated to moist 22% gravel 61% sand, 5% silt 12% clay
31	S917				
32	S916			SC	Clayey Sand moderate greenish yellow (10Y7/4) maximum size gravel 1/4 coarse- to fine-grained sand, well graded sub-angular, high plasticity dominant lithology sand quartz with some dark minerals and trace K-spar gravel primarily quartzite and granite, no apparent bedding saturated increase in sand at 34 8 35 2 2% gravel 69% sand 1% silt 28% clay Top of bedrock at 35 2 ft
33	S915				
34	S914				
35	S913			SANDY CLAYSTONE	Sandy Claystone pale olive (10Y6/2) very fine-grained sand, well sorted, sub-angular, approximately 15% porosity argillaceous cement slightly friable dominant lithology sand quartz with trace mica and dark minerals trace horizontal bedding at 35 5 36 0 trace carbonaceous material interbedded sand lenses at 35 9 37 0 trace clay clasts throughout interval, fossil mold at 35 4 weathered 2% gravel 68% sand, 3% silt 27% clay
36	S912				VOA sample obtained from this interval
37	S911			SANDY CLAYSTONE	Sandy Claystone pale olive (10Y6/2) as described above
38	S910				VOA Duplicate sample obtained from this interval
39	S909			SANDY CLAYSTONE	Sandy Claystone pale olive (10Y6/2) as described above
40	S908				No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 42 6		GROUND ELEVATION (FT)	5947 61	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750053 14	AREA NE TRENCHES		CASING DIAMETER (IN)	2 0	GEOLOGIST	L A GUST	05691
EAST	2087620 69	LOCATOR NUMBER	I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	10/04/91	

REMARKS HOLLOW STEM AUGER BENTONITE SEAL 23 0 FT 20 0 FT BACKFILL MATERIAL BENTONITE 42 6 FT 37 1 FT CUTTING SAMPLES OBTAINED IN 16 OZ JARS EVERY TWO FEET WITH THE EXCEPTION OF 24 7 28 4 AND 34 8-37 0 OFFSET TO 11391

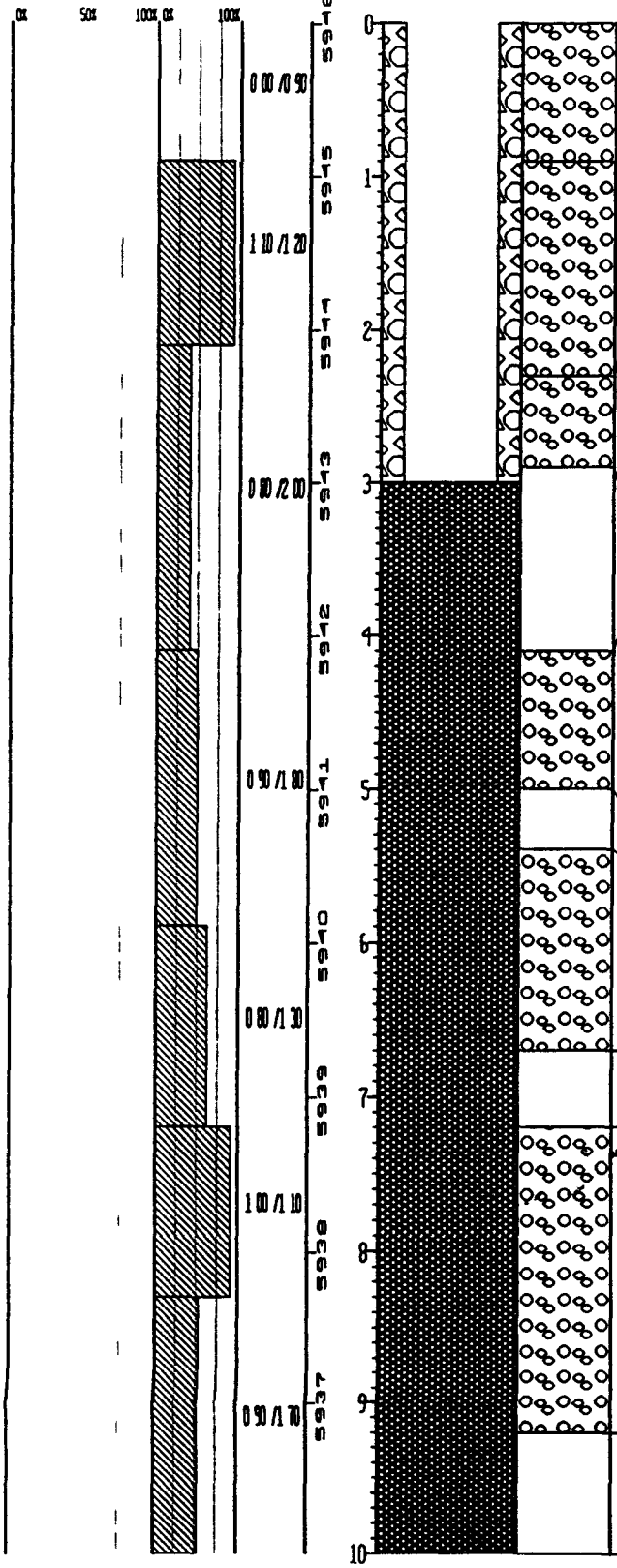
CHEMICAL SAP

SAMPLE GRAIN SIZE						DE	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
0%	50%	100%	0%	100%		40				
					5907	41				
					5906	42				
					5905					Total depth at 42 6 ft
						43				
					5904	44				
					5903	45				
					5902	46				
					5901	47				
					5900	48				
					5899	49				
					5898	50				

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 66 0	GROUND ELEVATION (FT)	5946 01	PROJECT NUMBER	0U2RI	LOG OF BORING NUMBER
NORTH	750072 20	AREA NE TRENCHES	CASING DIAMETER (IN)		GEOLOGIST	L A GUST	11391
EAST	2087615 12	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	6 57	DATE DRILLED	09/27/91	
REMARKS	HOLLOW STEM AUGER		BACKFILL MATERIAL	BENTONITE 66 0 FT 3 0 FT			

WELL WAS ABANDONED DUE TO WATER INFLUX, OFFSET TO WELL 05391

SAMPLE GRAIN SIZE | WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION

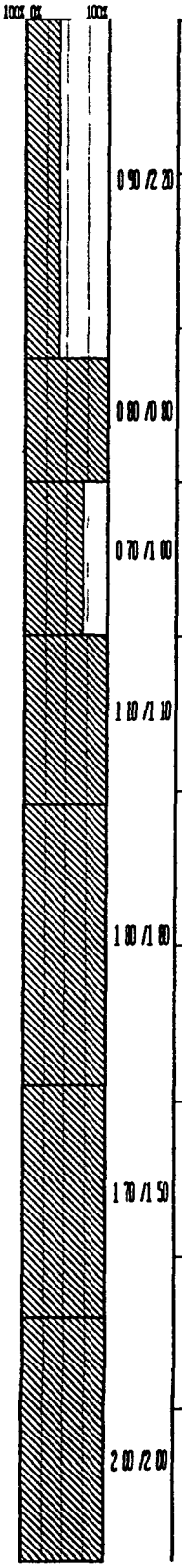


GW	Top soil start of boring at 0 90 ft
GW	Sandy Gravel grayish black (N2) maximum size gravel 1 diameter average size 1/4 diameter coarse- to fine-grained sand, well graded, sub-angular low plasticity gravel primarily quartzite dominant lithology sand quartz with some dark minerals trace mica and caliche some caliche coating around gravel no apparent bedding moist, abundant roots 70% gravel, 26% sand, 4% silt
GW	Sandy Gravel light olive gray (5Y6/1) maximum gravel size 3 diameter average 1 diameter coarse- to fine-grained sand, well graded, sub-angular gravel sub-angular to sub-rounded sand, low plasticity gravel primarily quartzite with some granite dominant lithology of sand quartz, with some K-spar and mica and trace dark minerals abundant caliche throughout interval caliche coating on gravel no apparent bedding dry 73% gravel 24% sand, 3% silt
	No recovery for this interval
GW	Sandy Gravel moderate yellowish brown (10YR5/4) maximum gravel size 2 diameter, average size 3/4 coarse- to fine grained sand, well graded, gravel sub-angular to sub-rounded, sand sub-angular low plasticity gravel primarily quartzite and granite dominant lithology of sand quartz with some K-spar and mica trace dark minerals trace iron staining on grains some caliche coating at 4 1-4 6 no apparent bedding dry 59% gravel, 37% sand, 4% clay
	No recovery for this interval
GW	Sandy Gravel moderate yellowish brown (10YR5/4) as described above increase in sand at 5 9-6 5
	No recovery for this interval
GW	Sandy Gravel moderate yellowish brown (10YR5/4) as described above increase in iron staining at 8 5-9 2
	No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 66 0	GROUND ELEVATION (FT) 5946 01	PROJECT NUMBER 0028I	LOG OF BORING NUMBER
NORTH	750072 20	AREA NE TRENCHES	CASING DIAMETER (IN)	GEOLOGIST L A GUST	11391
EAST	2087615 12	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN) 6 57	DATE DRILLED 09/27/91	
REMARKS	HOLLOW STEM AUGER		BACKFILL MATERIAL BENTONITE 66 0 FT 3 0 FT		

WELL WAS ABANDONED DUE TO WATER INFLUX, OFFSET TO WELL 05391

CHEMICAL SAT OR | SAMPLE GRAIN SIZE | WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION



SC — Clayey Sand moderate brown (5YR4/4) with some pale olive (10Y6/2) clay maximum size gravel 1/4 diameter coarse- to fine-grained sand well graded, sub-rounded gravel sub-angular sand, medium plasticity, gravel primarily quartzite dominant lithology sand quartz with some rock fragments trace mica and K-spar trace iron staining on grains no apparent bedding, moist
6% gravel, 68% sand, 4% silt, 22% clay

No recovery for this interval

GW — Sandy Gravel moderate yellowish brown (10YR5/4) maximum gravel size 2 diameter average size 1 diameter coarse- to fine-grained sand, well graded, sub-rounded gravel sub-angular to sub-rounded sand, low plasticity gravel primarily quartzite and granite dominant lithology sand quartz with some K-spar and mica, trace dark minerals some iron staining on grains no apparent bedding, dry
75% gravel 24% sand, 1% silt

No recovery for this interval

SC — Clayey Sand moderate brown (5YR4/4) with some light olive (10Y5/4) clay coarse to fine-grained sand, gravel size 1/5 diameter well graded sub-angular high plasticity dominant lithology sand quartz with some granite rock fragments trace mica, K-spar and dark minerals, trace iron staining on grains trace carbonaceous material throughout interval no apparent bedding, moist, no light olive color after 18 4
1% gravel 71% sand 3% silt 25% clay

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 66 0	GROUND ELEVATION (FT)	5946 01	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750072 20	AREA NE TRENCHES	CASING DIAMETER (IN)		GEOLOGIST	L A GUST	11391
EAST	2087615 12	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	6 57	DATE DRILLED	09/27/91	
REMARKS	HOLLOW STEM AUGER		BACKFILL MATERIAL	BENTONITE 66 0 FT 3 0 FT			
	WELL WAS ABANDONED DUE TO WATER INFLUX OFFSET TO WELL 05391						

CHEMICAL SAP

SAMPLE GRAIN SIZE

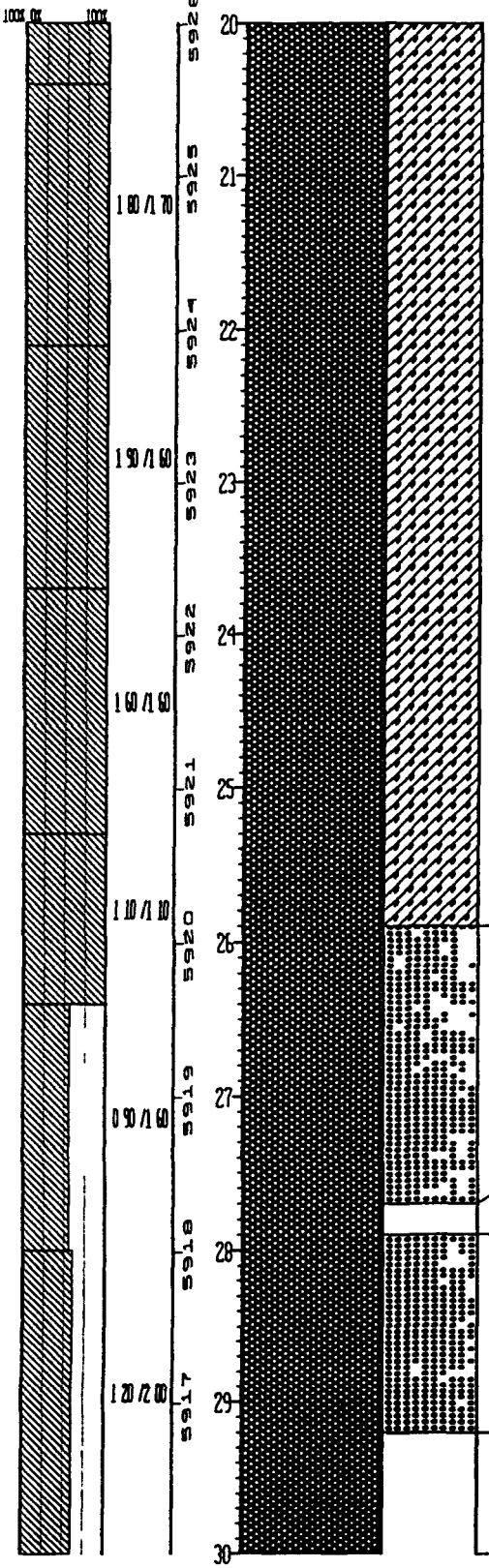
0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION



SW	Gravelly Sand dark yellowish brown (10YR4/2) maximum size gravel 2 diameter average 3/4 diameter coarse to fine-grained sand, well graded sub-angular low plasticity gravel primarily quartzite and granite, schist dominant lithology sand quartz with some rock fragments and trace mica, K-spar dark minerals and fibrous mineral trace iron staining on grains no apparent bedding, saturated 34% gravel 65% sand, 1% silt
	VOA sample obtained from this interval
SW	Gravelly Sand dark yellowish brown (10YR4/2) as described above pea-size gravel at 28 0-29 2
	No recovery for this interval

BH00087WCU2

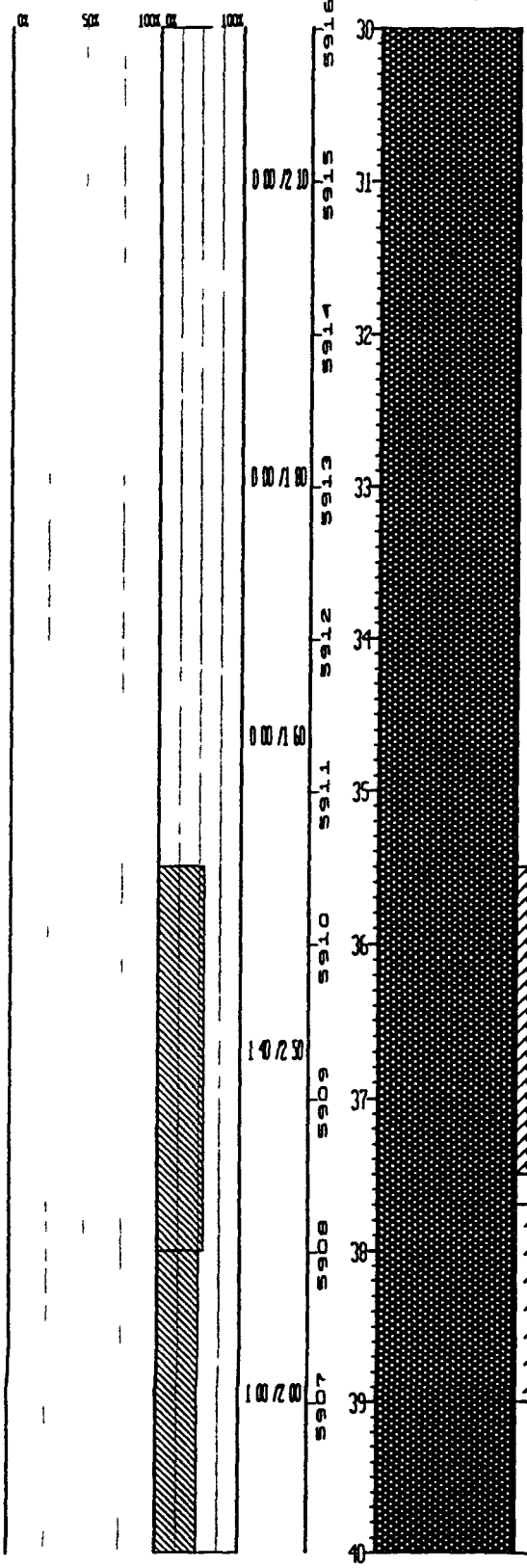
STATE PLANE COORDINATE		TOTAL DEPTH (FT) 66 0		GROUND ELEVATION (FT)	5946 01	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750072 20	AREA NE TRENCHES		CASING DIAMETER (IN)		GEOLOGIST	L A GUST	11391
EAST	2087615 12	LOCATOR NUMBER	I14	BOREHOLE DIAMETER (IN)	6 57	DATE DRILLED	09/27/91	
REMARKS	HOLLOW STEM AUGER			BACKFILL MATERIAL	BENTONITE 66 0 FT 3 0 FT			
	WELL WAS ABANDONED DUE TO WATER INFLUX, OFFSET TO WELL 05391							

CHEMICAL SAP AD I AL

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

0 00 /2 10

0 00 /1 80

0 00 /1 60

1 40 /2 50

1 00 /2 00

5916 5915 5914 5913 5912 5911 5910 5909 5908 5907

30 31 32 33 34 35 36 37 38 39 40

BH0089WCU2

SC — Clayey Sand moderate greenish yellow (10Y7/4) maximum size gravel 1/4 diameter coarse to fine-grained sand well graded, sub-angular high plasticity gravel primarily quartzite with trace granite dominant lithology of sand quartz with some dark minerals and trace K spar, no apparent bedding, saturated, large size gravel at 35 3 35 5
2% gravel 68% sand, 3% silt 27% clay
Top bedrock at 37 5 ft

VOA sample obtained from this interval

SILTY SANDSTONE — Silty Sandstone pale olive (10Y6/2) to light olive brown (5Y5/6) fine- to very-fine grained sand, well sorted, approximately 25% porosity argillaceous cement highly friable dominant lithology sand clear quartz with trace mica and dark minerals trace iron staining on grains trace clay clasts throughout interval trace carbonaceous material throughout interval some limonite oxidation throughout interval no apparent bedding massive sand, no fractures, saturated, weathered
70% sand, 20% silt 10% clay

No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 66 0	GROUND ELEVATION (FT)	5946 01	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750072 20	AREA NE TRENCHES	CASING DIAMETER (IN)		GEOLOGIST	L A GUST	11391
EAST	2087615 12	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	6 57	DATE DRILLED	09/27/91	

REMARKS HOLLOW STEM AUGER BACKFILL MATERIAL BENTONITE 66 0 FT 3 0 FT

WELL WAS ABANDONED DUE TO WATER INFLUX, OFFSET TO WELL 05391

CHEMICAL SAT DA ION NU E

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

E EC E

C

2 00 /2 00

0 80 /2 10

1 00 /1 90

1 30 /2 00

1 20 /2 00

UM D

5906 5905 5904 5903 5902 5901 5900 5899 5898 5897

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

40 41 42 43 44 45 46 47 48 49 50

SILTY SANDSTONE Silty Sandstone pale olive (10Y6/2) to light olive brown (5Y5/6) as described above

No recovery for this interval

SILTY SANDSTONE Silty Sandstone pale olive (10Y6/2) to light olive brown (5Y5/6) as described above

No recovery for this interval

SILTY SANDSTONE Silty Sandstone pale olive (10Y6/2) to light olive brown (5Y5/6) as described above

No recovery for this interval

SILTY SANDSTONE Silty Sandstone pale olive (10Y6/2) to light olive brown (5Y5/6), as described above increase in clay content at 48 0-48 5

No recovery for this interval

STATE PLANE COORDINATE	TOTAL DEPTH (FT) 66 0	GROUND ELEVATION (FT) 5946 01	PROJECT NUMBER 0U2RI	LOG OF BORING NUMBER
NORTH 750072 20	AREA NE TRENCHES	CASING DIAMETER (IN)	GEOLOGIST L A GUST	11391
EAST 2087615 12	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN) 6 57	DATE DRILLED 09/27/91	

REMARKS HOLLOW STEM AUGER BACKFILL MATERIAL BENTONITE 66 0 FT 3 0 FT

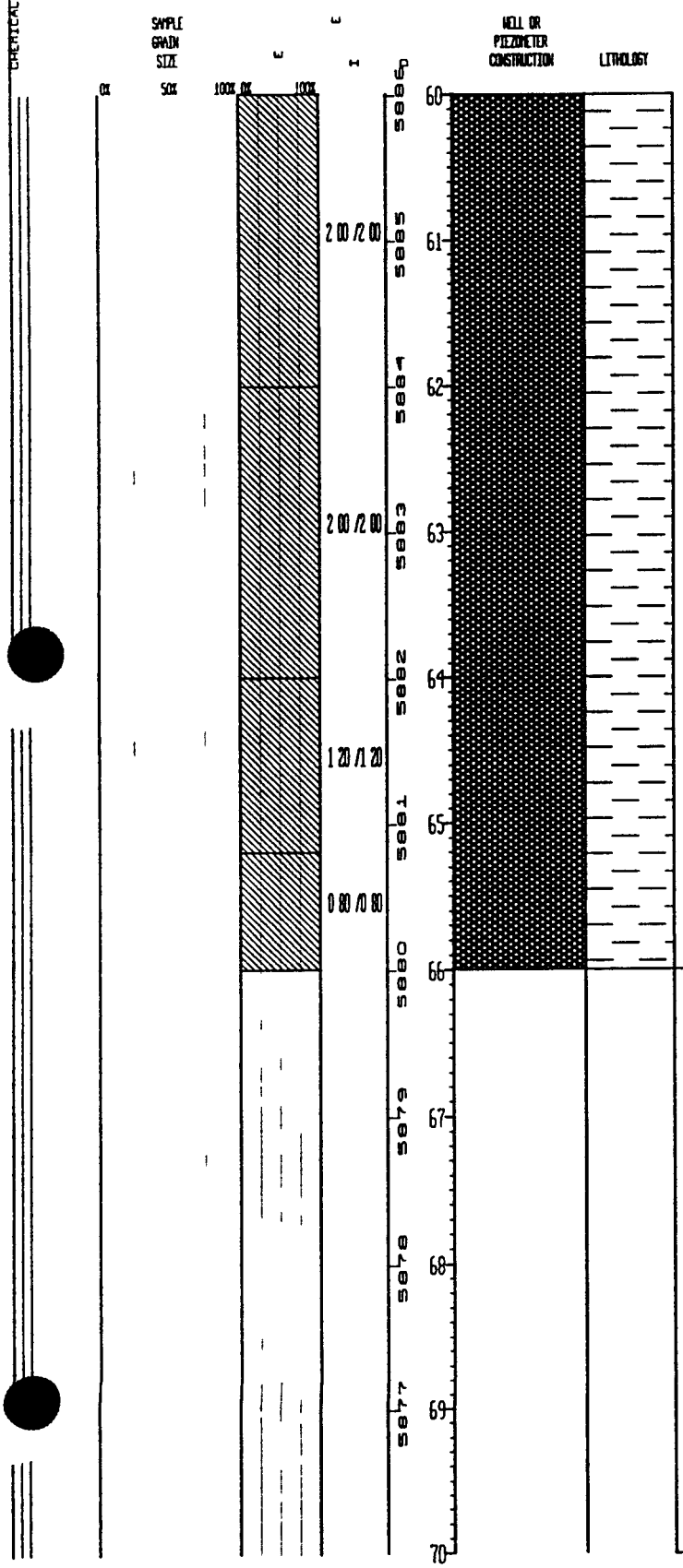
WELL WAS ABANDONED DUE TO WATER INFLUX OFFSET TO WELL 05391

SAMPLE GRAIN SIZE (0% 50% 100%)	RECOVERY	ELEVATION	DEPTH	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	1 75/2 00	5896, 5895	50–51.8			SILTY SANDSTONE	Silty Sandstone pale olive (10Y6/2) to light olive brown (5Y5/6) as described above, increase to some carbonaceous material and some laminated 30 degree bedding with clay deformation at 50 0-50 6 increase in limonite oxidation at 50 6 52 8
			51.8–52				No recovery for this interval
		5894	52–52.8			SILTY SANDSTONE	Silty Sandstone pale olive (10Y6/2) to light olive brown (5Y5/6) as described above large clay clast at 52 1
	0 80/2 00	5893	52.8–54				No recovery for this interval
	2 00/2 00	5892, 5891, 5890	54–57.2			SILTY SANDSTONE	Silty Sandstone with some clay dark gray (N3) to light olive brown (5Y5/6) fine to very-fine grained sand, well sorted, angular to sub-angular approximately 20% porosity argillaceous cement highly to moderately friable, dominant lithology sand quartz with trace K spar mica and dark minerals some iron staining on grains trace carbonaceous material throughout interval horizontal to 5 degree bedding 54 6 55 5 no apparent fractures wet to saturated alternating oxide and gray bands throughout interval some clay clasts clay deformation throughout interval interbedded clay lenses with clay deformation at 56 1 56 2 56 4-56 5 and 56 8 56 9 66% sand, 20% silt 14% clay
	1 60/2 00	5889	57.2–57.6			CLAYEY SANDSTONE	Clayey Sandstone dark gray (N3) as described below
			57.6–58				No recovery for this interval
	2 00/2 00	5888, 5887	58–60			CLAYEY SANDSTONE	Clayey Sandstone dark gray (N3) medium to very fine-grained sand, moderately sorted, sub-angular to sub-rounded approximately 25% porosity argillaceous cement, highly friable dominant lithology sand clear quartz, trace dark minerals trace iron staining on grains trace carbonaceous material and limonite throughout interval massive, no apparent bedding, fracture of 55 degrees at 62 6 wet trace clay clasts increase in coarseness of sand downhole, increase in clay content 60 0-61 2 increase in clay clasts at 62 3 trace horizontal bedding and clay deformation

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 66 0		GROUND ELEVATION (FT)	5946 01	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750072 20	AREA NE TRENCHES		CASING DIAMETER (IN)		GEOLOGIST	L A GUST	11391
EAST	2087615 12	LOCATOR NUMBER	I14	BOREHOLE DIAMETER (IN)	6 57	DATE DRILLED	09/27/91	

REMARKS HOLLOW STEM AUGER BACKFILL MATERIAL BENTONITE 66 0 FT 3 0 FT

WELL WAS ABANDONED DUE TO WATER INFLUX, OFFSET TO WELL 05391



DESCRIPTION

at 62 8-63 5 saturated 64 0-66 0
69% sand, 8% silt 23% clay

Total depth at 66 0 ft

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 27 3	GROUND ELEVATION (FT) 0 00	PROJECT NUMBER EMAIL	LOG OF BORING NUMBER
NORTH	0	AREA N E TRENCHES	CASING DIAMETER (IN) ?	GEOLOGIST JPOB	11491
EAST	0	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN) 10 00	DATE DRILLED 10/09/91	

REMARKS Hollow stem auger 5 0' to 8 0' is bentonite seal No backfill well casing set on T D This well is an offset to well 05691 Recovery is not recorded from surface to 24 ft because cuttings samples were taken down to that point

5948 22 GS

SAMPLE GRAIN SIZE	ERC ECOVE	CO RVAL	EP	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
			0			GW	Top soil start of boring @ 0 90 ft
			1			GW	Sandy Gravel light olive gray (5Y6/1) max gravel size 1 1/2 average 1/2" diameter, coarse to fine grained sand, well graded, subangular to subround sand subround gravel low plasticity gravel primarily quartzite and granite, dominant lithology sand quartz with some rock fragments and mica, trace dark minerals, abundant caliche throughout interval, dry some roots at top of interval 61/29/6/4 gravel/sand/silt/clay
			6			SC	Clayey Sand with some gravel moderate brown (5YR4/4) coarse to fine-grained sand, max size gravel 1/2 diameter average size 1/4 diameter well graded, subangular medium plasticity dominant lithology sand quartz with some rock fragments trace mica dark minerals and K-spar, gravel primarily quartzite and granite, some caliche, moist 5/68/2/25 gravel/sand/silt/clay
			8			GW	Sandy Gravel moderate yellowish brown (10YR4/1) maximum gravel size 1 diameter average size 1/4 diameter coarse to fine-grained sand, well graded, subround gravel subangular to subround sand low plasticity gravel primarily quartzite and granite dominant lithology sand quartz with some rock fragments trace mica and dark minerals, trace iron staining on grains, some caliche throughout interval no apparent bedding, moist, increase in sand from 16 to 20 59/28/5/8 gravel/sand/silt/clay

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 27 3	GROUND ELEVATION (FT)	0 00	PROJECT NUMBER	EMAD	LOG OF BORING NUMBER
NORTH	0	AREA N E TRENCHES	CASING DIAMETER (IN)	2	GEOLOGIST	JPOB	11491
EAST	0	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 00	DATE DRILLED	10/09/91	

REMARKS Hollow stem auger 5 0' to 8 0' is bentonite seal No backfill well casing set on T D This well is an offset to well 05691 Recovery is not recorded from surface to 24 ft because cuttings samples were taken down to that point

AD ONAL SAMP DL

AMP NUMB

SAMPLE GRAIN SIZE

RC COVE

CO AL

DEP

WELL OR PIEZOMETER CONSTRUCTION

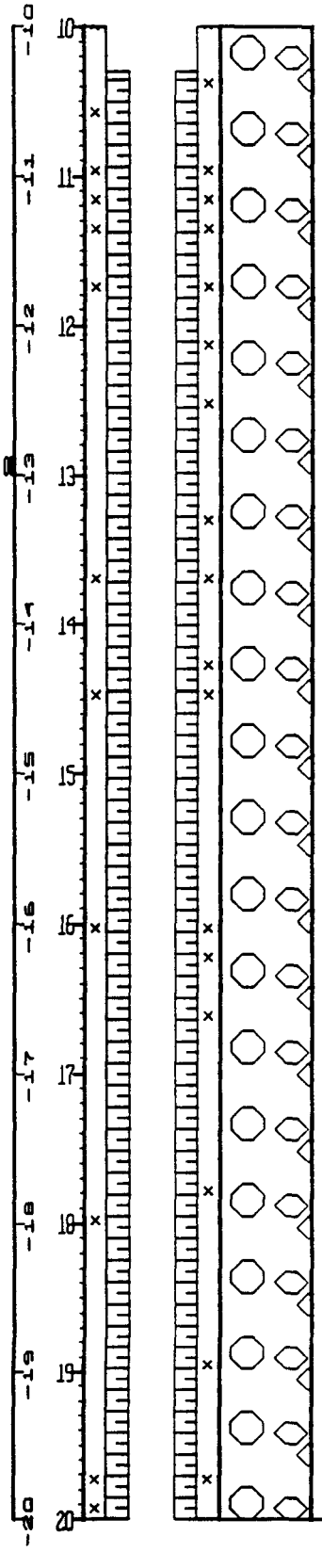
LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

0% 50% 100% 0% 100%

1 90 /26 00



STATE PLANE COORDINATE		TOTAL DEPTH (FT) 27 3	GROUND ELEVATION (FT) 0 00	PROJECT NUMBER EWD	LOG OF BORING NUMBER
NORTH	0	AREA N E TRENCHES	CASING DIAMETER (IN) 2	GEOLOGIST JPOB	11491
EAST	0	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN) 10 00	DATE DRILLED 10/08/91	

REMARKS Hollow stem auger 5 0' to 8 0' is bentonite seal No backfill well casing set on T D This well is on offset to well 05691 Recovery is not recorded from surface to 24 ft because cuttings samples were taken down to that point

RAD	OVAL	BAFFLE	DE	AMP	NUMB	DK	SAMPLE GRADIN SIZE	SOK	100K	DK	100K	ACEN EDDIVE	CO NTERVAL	EP	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
														20				
														21				
														22			SC	Clayey Sand moderate brown (5Y4/4) coarse to fine-grained sand, max gravel size 1 1/2" diameter average 1/4" diameter well graded, subangular sand, subangular to subround gravel medium to high plasticity dominant lithology sand quartz with some rock fragments, trace mica and dark minerals, gravel quartzite trace carbonaceous material, no apparent bedding large quartzite gravel from 24 0 24 3 saturated from 26 8 27 3' increase in sand from 27 1 27 3' 6/6L/2/3L gravel/sand/silt/clay T D = 27 3'ft
														23				
														24				
														25	11/01/91			
													0 00 /3 30	26				
															10/09/91			
													1 30 /1 30	27				
														28				
														29				
														30				

BH0098012

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 65 9	GROUND ELEVATION (FT)	5946 84	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER	
NORTH	750250 16	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	LAG/JPOB	12491	
EAST	2088122 50	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	12/27/91		

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 41 7 FT 37 6 FT BACKFILL MATERIAL BENTONITE 65 9 FT 60 0 FT

CHEMICAL SAT

SAMPLE GRAIN SIZE: 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

Depth	Sample	Unified Soils Classification or Rock Type	Description
0			Top soil start of boring at 0 90 ft
1	0 80 /2 90	GC	Sandy Gravel with some clay and silt brownish black (5YR2/1) maximum size gravel 1 inch diameter average 1/2 inch diameter coarse to fine-grained sand well graded sub-rounded, low to medium plasticity gravel primarily quartzite with some caliche clasts dominant lithology sand quartz with some dark minerals and trace rock fragments, abundant caliche throughout and coating on gravels no apparent bedding, moist some root present 50% gravel 24% sand, 7% silt 19% clay
2			No recovery for this interval
3	0 20 /2 10	GW	Sandy Gravel light brown (5YR5/6) maximum gravel size greater than 2 inch diameter, average 1/2 inch diameter coarse to fine-grained well graded, angular to sub-angular low plasticity, gravel primarily quartzite with some granite and trace weathered schist dominant lithology sand quartz with some rock fragments and trace dark minerals abundant caliche throughout no apparent bedding, moist weathered 61% gravel 36% sand, 2% silt 1% clay
4			No recovery for this interval
5	1 00 /2 00	GW	Sandy Gravel light brown (5YR5/6) as described above
6			No recovery for this interval
7	0 80 /0 50	GW	Sandy Gravel moderate brown (5YR4/4) maximum size gravel greater than 2 inches diameter average size 1/4 inch diameter coarse to fine grained sand, well graded sub angular to sub rounded low plasticity gravel primarily quartzite with some granite and some arkosic arenite at 9 4 9 7 dominant lithology sand quartz with some rock fragments and trace dark minerals and mica, some caliche and iron staining throughout abundant caliche at 11 0 13 2, no apparent bedding, moist 59% gravel, 37% sand, 3% silt, 1% clay
8			No recovery for this interval
9	0 70 /3 50	GW	Sandy Gravel moderate brown (5YR4/4) as described above
10			No recovery for this interval

5946 5945 5944 5943 5942 5941 5940 5939 5938 5937

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 65 9	GROUND ELEVATION (FT)	5946 84	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750250 16	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	LAG/JPOB	12491
EAST	2088122 50	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	12/27/91	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 41 7 FT 37 6 FT BACKFILL MATERIAL BENTONITE 65 9 FT 60 0 FT

CHEMICAL SAT

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

0 30 /2 00
2 00 /2 00
2 00 /2 00
1 70 /2 00
2 00 /2 00

5936 5935 5934 5933 5932 5931 5930 5929 5928 5927

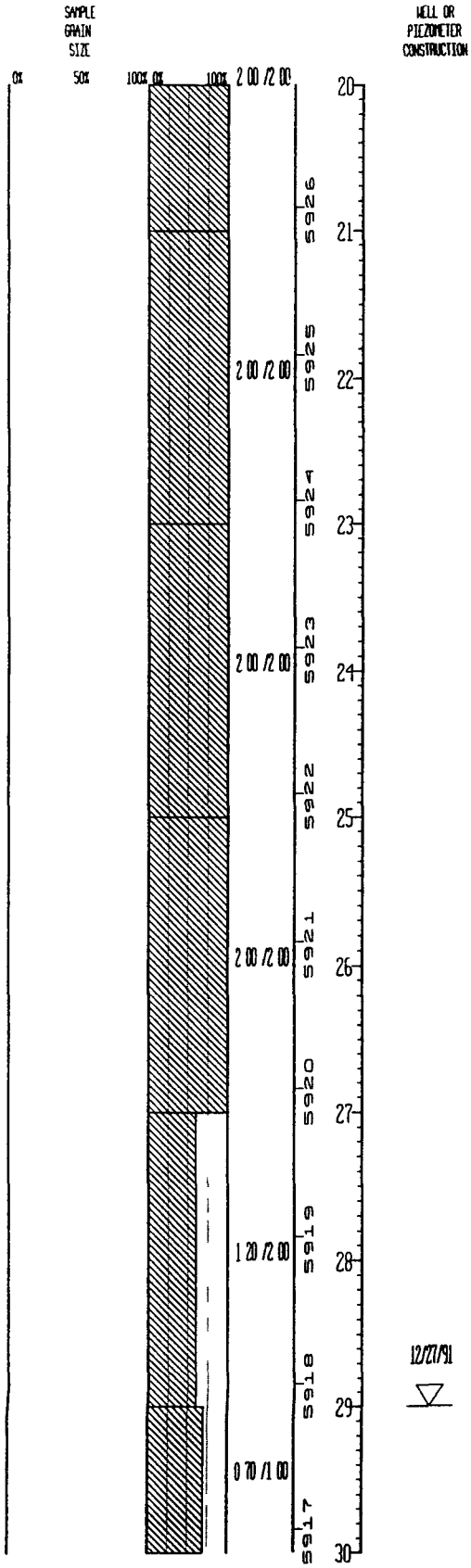
10 11 12 13 14 15 16 17 18 19 20

LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	GW	Sandy Gravel moderate brown (5YR4/4) as described above
		No recovery for this interval
	GW	Sandy Gravel moderate brown (5YR4/4) as described above
	SC	Clayey Sand with some silt light brown (5YR5/6) with some pale olive (10Y6/2) mottling or marbling throughout maximum size gravel 1 1/2 inch diameter 1/4 inch diameter average fine- to coarse grained sand, well graded low plasticity sub angular to sub-rounded, dominant lithology sand quartz with some rock fragments feldspar and trace mica and dark minerals gravel primarily quartzite with some quartz some carbonaceous material throughout some caliche at 13 2 13 5 no apparent bedding, moist pale olive (10Y6/2) clay swirled into sand to give marbled texture throughout 2% gravel 79% sand 8% silt 11% clay
		No recovery for this interval
	SC	Clayey Sand with some silt light brown (5YR5/6) average size gravel 1/4 diameter, coarse- to fine-grained sand, well graded, angular to sub rounded, low plasticity dominant lithology sand quartz with some rock fragments and feldspar with trace mica and

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 65 9	GROUND ELEVATION (FT)	5946 84	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750250 16	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	LAG/JPOB	12491
EAST	2088122 50	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	12/27/91	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 41 7 FT 37 6 FT BACKFILL MATERIAL BENTONITE 65 9 FT 60 0 FT

CHEMICAL ST



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	dark minerals trace caliche clasts throughout and iron staining some carbonaceous material throughout no apparent bedding moist 1% gravel 73% sand 8% silt 18% clay
GW	Sandy Gravel moderate yellowish brown (10YR5/4) maximum size gravel greater than 2 inches in diameter coarse to fine-grained sand well graded angular to sub angular low plasticity gravel primarily quartzite dominant lithology sand quartz with some rock fragments with trace mica dark minerals and K spar trace iron staining throughout, trace carbonaceous material at 27 0-28 2, trace limonite at 29 0-30 0, no apparent bedding, moist at 27 0-29 0 saturated at 29 0-30 0 69% gravel, 27% sand, 3% silt, 1% clay
	No recovery for this interval
GW	Sandy Gravel moderate yellowish brown (10YR5/4) as described above
	No recovery for this interval Top of bedrock at 30 0 ft

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 65 9	GROUND ELEVATION (FT)	5916 84	PROJECT NUMBER	002/R1	LOG OF BORING NUMBER
NORTH	750250 16	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	LAG/JPOB	12491
EAST	2088122 50	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	12/27/91	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 41 7 FT 37 6 FT BACKFILL MATERIAL BENTONITE 65 9 FT 60 0 FT

CHEMICAL SAMPLE

BH00064C02

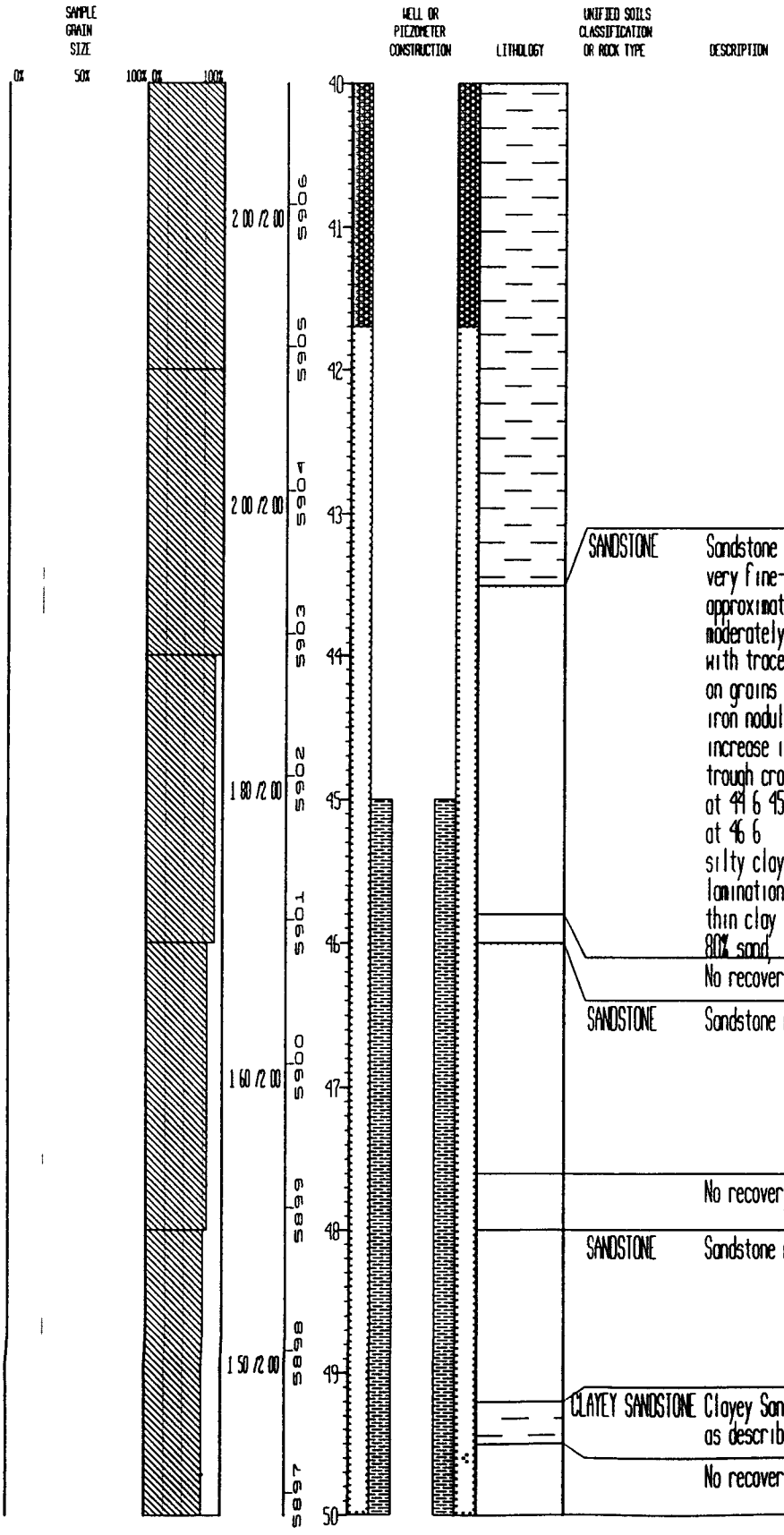
SAMPLE GRAIN SIZE	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
0% 50% 100%	0% 100%			
			CLAYEY SANDSTONE	Clayey Sandstone with some silt dusky yellow (5Y6/4) as described below
	1 10 /2 00			VOA sample obtained from this interval
				No recovery for this interval
	2 00 /2 00		CLAYEY SANDSTONE	Clayey Sandstone with some silt dusky yellow (5Y6/4) fine-grained sand well sorted sub angular to sub-rounded approximately 20% porosity argillaceous cement moderately friable dominant lithology sand quartz with trace dark minerals some limonite throughout some clay clasts at 32 7 33 0 some carbonaceous material at 33 0-34 0, low angle bedding with thin laminations of clayey silt at 30 0-30 9 trace soft sediment deformation convolute bedding with trace iron nodules at 33 8 34 0 no apparent fractures saturated 75% sand 9% silt 16% clay
	2 00 /2 00		SANDY CLAYSTONE	Sandy Claystone with some silt yellowish gray (5Y7/2), fine grained sand, well sorted, sub-rounded approximately 5% porosity argillaceous cement, slightly friable dominant lithology clear quartz with trace dark minerals and mica some iron staining and trace carbonaceous material throughout no preferred bedding orientation, no apparent fractures saturated 20% sand 16% silt 64% clay
	2 00 /2 00		CLAYEY SANDSTONE	Clayey Sandstone with some silt dusky yellow (5Y6/4) fine- to very fine grained sand, moderately sorted, sub-angular to sub rounded approximately 18% porosity, argillaceous cement slightly to moderately friable dominant lithology sand clear quartz with trace dark minerals rose quarzt and mica, some iron staining on grains some limonite and trace carbonaceous material throughout laminations of silt and clay with soft sediment deformation (pseudonodules of silt) at 37 5 38 0 sand layer with thin laminations of clay with some convoluted bedding at 39 8 40 0 increase in clay at 40 0 40 5 thin laminations of clay and sand at 40 5-41 8, low angle bedding with very thin laminations of clay and sand controlling trace carbonaceous material at 41 8-43 0 no apparent fractures, saturated 72% sand 8% silt 20% clay

Elevation scale: 5916, 5915, 5914, 5913, 5912, 5911, 5910, 5909, 5908, 5907

Depth scale: 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 65 9		GROUND ELEVATION (FT)	5946 84	PROJECT NUMBER	002/R1	LOG OF BORING NUMBER	
NORTH	750250 16	AREA NE TRENCHES		CASING DIAMETER (IN)	2 0	GEOLOGIST	LAG/JPOB		
EAST	2088122 50	LOCATOR NUMBER	I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	12/27/91		12491

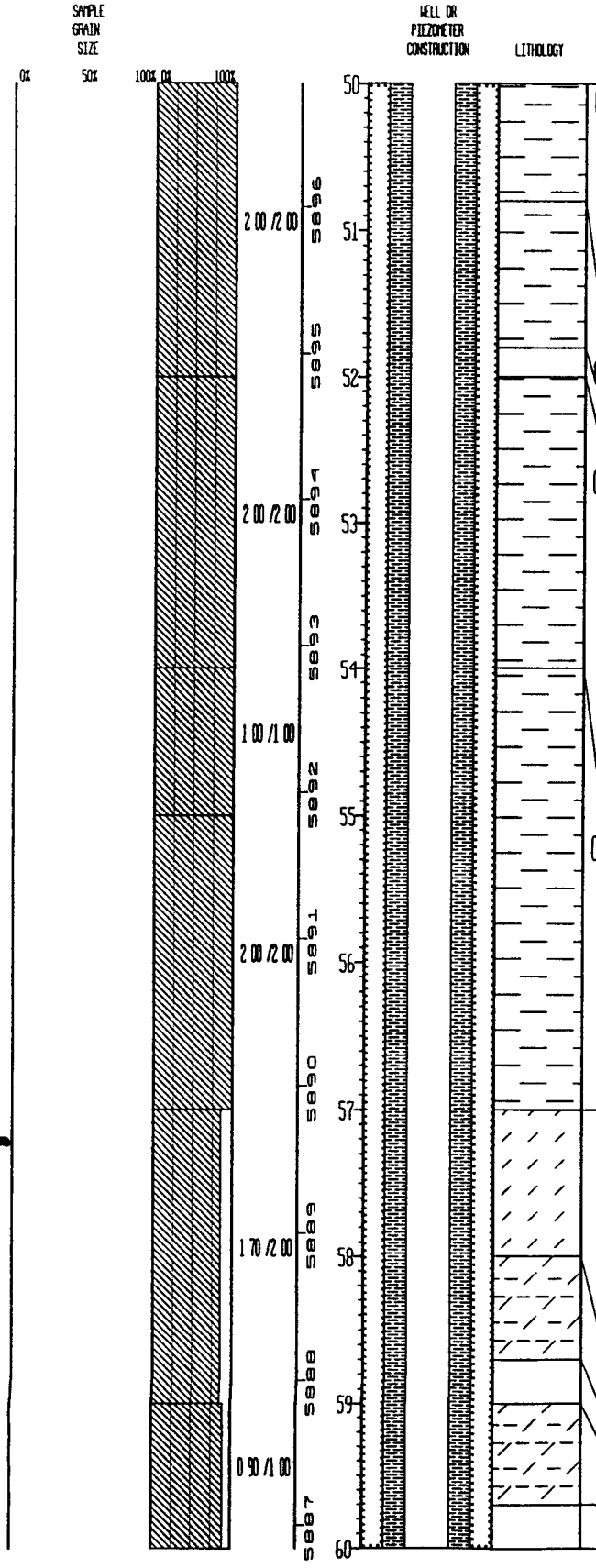
REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 41 7 FT 37 6 FT BACKFILL MATERIAL BENTONITE 65 9 FT 60 0 FT



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
SANDSTONE	Sandstone with some silt dusky yellow (5Y6/4) medium to very fine-grained sand poorly sorted sub rounded to rounded approximately 25% porosity silica with some argillaceous cement moderately to highly friable dominant lithology sand clear quartz with trace dark minerals rose quartz and mica, some iron staining on grains some limonite and trace carbonaceous material throughout iron nodule at 45 4 abundant limonite at 46 3-46 5 48 9-49 2 increase in sand with trace cross stratification at 43 0-44 0 some trough cross bedding at 44 4-44 6 thick laminations of clay and sand at 44 6 45 0 with some soft sediment deformation cross laminations at 46 6 increased clay content thickly laminated to thinly bedded silty clay at 46 6 47 0' trace horizontal bedding with very thin laminations at 48 0-48 2 very thin iron laminations at 48 7 very thin clay laminations at 48 7 48 9 no apparent fractures saturated 80% sand, 17% silt, 3% clay
	No recovery for this interval
SANDSTONE	Sandstone with some silt dusky yellow (5Y6/4) as described above
	No recovery for this interval
SANDSTONE	Sandstone with some silt dusky yellow (5Y6/4) as described above
CLAYEY SANDSTONE	Clayey Sandstone with some silt medium gray (N4) to dark gray (N3) as described below
	No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 65 9		GROUND ELEVATION (FT)	5946 84	PROJECT NUMBER	OU2/RI	LOG OF BORING No.
NORTH	750250 16	AREA NE TRENCHES		CASING DIAMETER (IN)	2 0	GEOLOGIST	LAG/JPOB	12491
EAST	2088122 50	LOCATOR NUMBER	I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	12/27/91	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 41 7 FT 37 6 FT BACKFILL MATERIAL BENTONITE 65 9 FT 60 0 FT



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
CLAYEY SANDSTONE	Clayey Sandstone with some silt medium gray (N4) to dark gray (N3) medium to very fine-grained sand poorly sorted sub-rounded to rounded approximately 15% porosity, argillaceous cement slightly to moderately friable dominant lithology sand clear quartz with some dark minerals trace carbonaceous material throughout thin laminations of clay and sand with some soft sediment deformation, possible basal channel contact at 50 8 with discordent erosional surface no apparent fractures wet 55% sand, 7% silt, 38% clay
CLAYEY SANDSTONE	Clayey Sandstone with some silt dusky yellow (5Y6/4) to olive gray (5Y3/2), as described below
	No recovery for this interval
CLAYEY SANDSTONE	Clayey Sandstone with some silt dusky yellow (5Y6/4) to olive gray (5Y3/2) fine to very fine-grained sand, moderately sorted sub-angular to sub-rounded, approximately 10% porosity argillaceous cement slightly to moderately friable dominant lithology sand clear quartz some dark minerals some iron staining on grains some limonite throughout abundant carbonaceous material at 52 0 52 1 carbonized wood fragments at 52 0 trace convoluted laminea with low angle bedding at 52 1 52 4 increase in sand at 52 5 52 7 thin laminations of clay and sand with wavy cross lamination controlling limonite along planes with possible ripples at 53 2 54 0 no apparent fractures saturated weathered soft sediment deformations at 53 0 54 0 47% sand, 16% silt 37% clay
CLAYEY SANDSTONE	Clayey Sandstone with some silt dusky yellow (5Y6/4) to olive gray (5Y3/2) fine to very fine-grained sand moderately sorted sub rounded to rounded approximately 12% porosity argillaceous cement slightly to moderately friable dominant lithology sand clear quartz with trace dark minerals, trace carbonaceous material throughout thin laminations of clay and sand with low angle bedding at 54 0 54 4 clay bed at 54 4 54 6 35 degree bedding at 54 8 55 5, iron nodule at 56 2 no apparent fractures saturated, weathered 47% sand 8% silt 45% clay
SILTY SANDSTONE	Silty Sandstone with some clay yellowish gray (5Y7/2) medium to fine grained sand, moderately sorted sub rounded, aproximately 25% porosity argillaceous cement highly to moderately friable dominant lithology sand clear quartz with trace dark minerals and rose quartz some limonite stain throughout trace horizontal bedding at 57 0 57 7, trace cross bedding at 57 7 58 0, no apparent fractures saturated, weathered 71% sand 20% silt 9% clay
SILTY CLAYSTONE	Silty Claystone with some clay yellowish gray (5Y7/2) to olive gray (5Y3/2), as described above
	No recovery for this interval
SILTY CLAYSTONE	Silty Claystone wtih some clay yellowish gray (5Y7/2) to olive gray (5Y3/2), as described above
	No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 65 9	GROUND ELEVATION (FT)	5946 84	PROJ. NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750250 16	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	LAG/JPOB	12491
EAST	2088122 50	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	12/27/91	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 41 7 FT 37 6 FT BACKFILL MATERIAL BENTONITE 65 9 FT 60 0 FT

CHEMICAL SA

SAMPLE GRAIN SIZE

0% 50% 100% 0% 100%

2 00 /2 00

2 00 /2 00

1 00 /1 00

BH00068WCU2

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

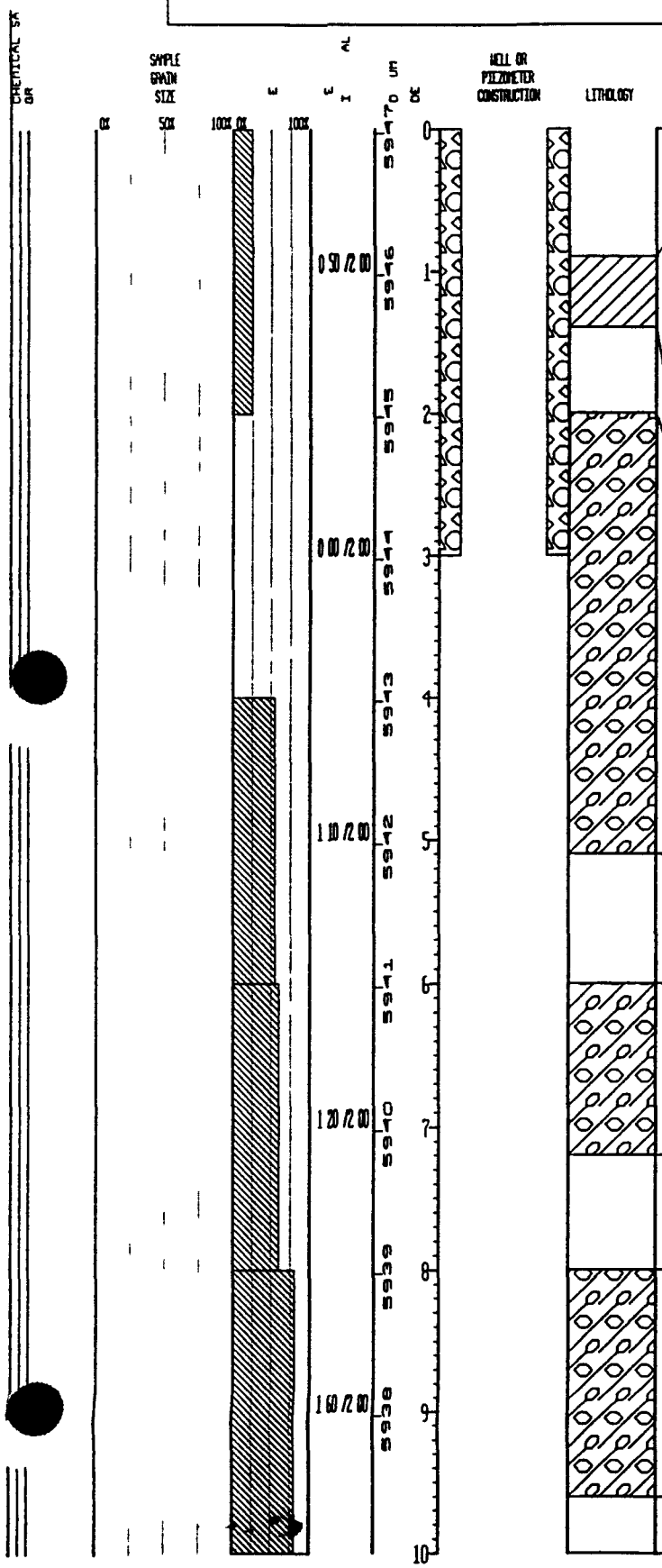
DESCRIPTION

Depth	Unified Soils Classification or Rock Type	Description
60–65	SILTY SANDSTONE	Sitly Sandstone with some clay yellowish gray (5Y7/2) to olive gray (5Y3/2) medium to fine-grained sand, moderately sorted, sub-angular to sub rounded, approximately 15% porosity argillaceous cement slightly to mod friable sand contains abundant clear quartz some dark minerals trace limonite stain and iron nodules, thin laminations of clay and sand with some soft sediment deformations at 58 0-58 5 increased sand content at 58 5 59 2 interlaminated clay and sand with low angle bedding at 59 2 59 5 incresed sand content at 59 5 59 6 thin laminations of clay and sand with low angle bedding and soft sediment deformation at 59 6-60 5 , increased clay content and wavy cross stratification at 60 3-60 7 possibble ripples with dropped bedding at 60 7 60 9 thinly interbedded silty clay and clay with low angle bedding and soft sediment deformation at 60 9-63 0 increased sand content at 62 0-62 2 , 62 6-62 7 50 degree apparent bedding with thin laminations of clay and sand at 62 2 63 0 , possible slump feature, fracture plane of 50 degrees at 62 7 63 0 thin laminations of clay and silty clay with 15 degree bedding at 63 1 63 4 disturbed 30 degree bedding of thin beds of clay with soft sediment deformation at 63 7-64 0 , laminations of sand with convolute bedding and load structures at 64 0-65 0 wet 56% sand 29% silt 15% clay
65		VOA sample obtained from this interval
65		Total depth at 65 0 ft

Depth scale: 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70

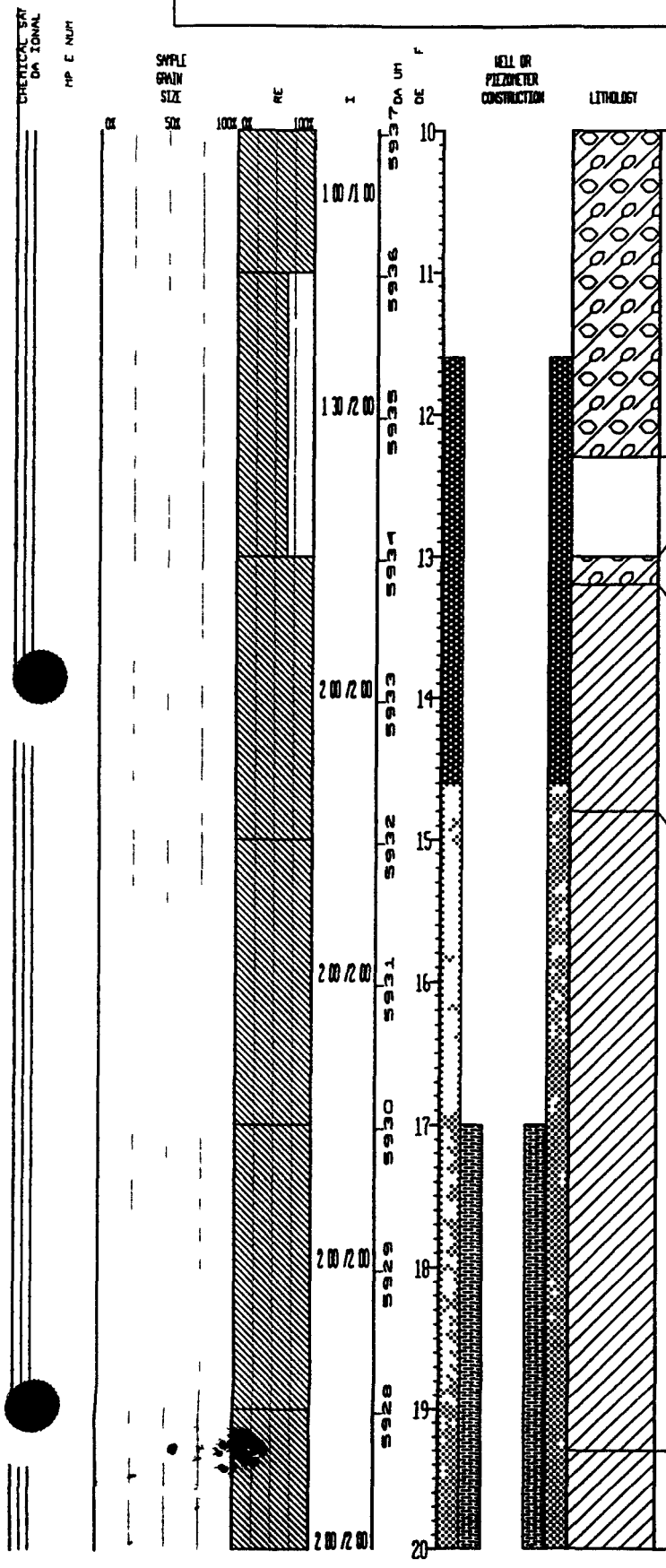
5886, 5885, 5884, 5883, 5882, 5881, 5880, 5879, 5878, 5877

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 57 0	GROUND ELEVATION (FT)	5947 03	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750247 49	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20091
EAST	2088136 87	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/09/92	
REMARKS	HOLLOW-STEM AUGER BENTONITE SEAL 14 6 FT 11 6 FT						



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	Top soil start of boring at 0 90 ft
CL	Gravelly Clay with some silt and sand grayish brown (5YR3/2) maximum gravel diameter 21 average 07 fine- to coarse-grained sand, well graded, angular to sub-rounded, low to medium plasticity gravel is primarily caliche coated quartzite and weathered granite sand contains abundant carbonaceous/organic material quartz, some feldspar rock fragments, trace mica, caliche nodules at 1 2 1 4" moist 28% gravel, 19% sand, 22% silt, 31% clay
	No recovery for this interval
GC	Clayey gravel with some sand and silt light brown (5YR6/4) where abundant caliche (2 0-6 3), otherwise light brown (5YR5/6) to moderate brown (5YR4/4) maximum gravel diameter > 25 average 1 fine- to coarse-grained sand well graded, sub-angular to sub-rounded, low plasticity, gravel is primarily quartzite with some pale olive (10Y6/2) sandy clay clasts, sand contains abundant quartz, some rock fragments feldspar dark minerals, trace mica, calcrete epidote pale olive sandy clay clast at 6 8 7 0 increased sand content at 12 0 13 2" dry 46% gravel 18% sand, 17% silt 19% clay
	No recovery for this interval
GC	Clayey Gravel with some sand and silt light brown (5/4) where abundant caliche (2 0-6 3), otherwise light brown (5YR5/6) to moderate brown (5YR4/4) as described above
	No recovery for this interval
GC	Clayey Gravel with some sand and silt light brown (5YR6/4) where abundant caliche (2 0-6 3), otherwise light brown (5YR5/6) to moderate brown (5YR4/4) as described above
	No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 57 0	GROUND ELEVATION (FT)	5947 03	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750247 49	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20091
EAST	2088136 87	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/09/92	
REMARKS	HOLLOW-STEM AUGER BENTONITE SEAL 14 6 FT 11 6 FT						

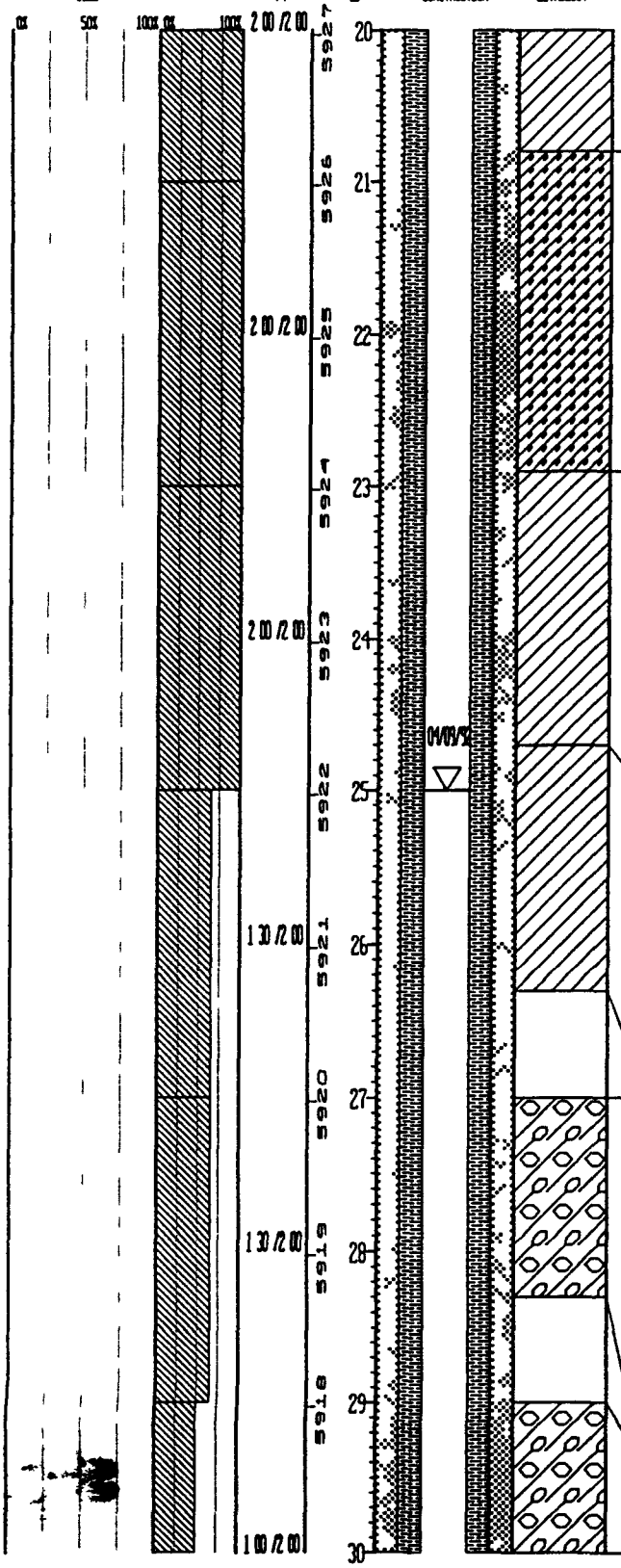


UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
GC	Clayey Gravel with some sand and silt light brown (5YR6/4) where abundant caliche (2 0-6 3), otherwise light brown (5YR5/6) to moderate brown (5YR4/4) as described above
	No recovery for this interval
GC	Clayey Gravel with some sand and silt light brown (5YR6/4) where abundant caliche (2 0-6 3), otherwise light brown (5YR6/4) to moderate brown (5YR4/4), as described above
CL	Sandy Clay with some silt light brown (5YR5/6) maximum gravel diameter 05 , average 02 sand is fine- to coarse-grained, poorly graded, angular to rounded, high plasticity gravel is primarily quartzite, sand contains abundant quartz, trace feldspar rock fragments dark minerals mica, kaolinized feldspar throughout trace carbonaceous material at 14 4-14 8 pale olive (10Y6/2) sandy clay rip-up clasts at 13 5-13 7 , slightly moist 1% gravel, 39 5% sand, 11 5% silt, 48% clay
CL	Sandy Clay with some silt moderate brown (5YR4/4) maximum gravel diameter 07 , average 03 sand is fine- to medium-grained poorly graded, angular to rounded, high plasticity gravel is primarily quartzite sand contains abundant quartz, trace rock fragments feldspar mica, kaolinized feldspar, epidote streaks of pale olive (10Y6/2) sandy clay throughout caliche nodules at 15 7 16 3 16 6 carbonaceous material at 19 0 19 3 , slightly moist 1% gravel 35% sand 7% silt 57% clay
CL	Sandy Clay with some silt moderate brown (5YR4/4) maximum gravel diameter 04 sand is fine- to medium-grained, poorly graded, sub-angular to sub-rounded, medium plasticity sand contains

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 57 0	GROUND ELEVATION (FT)	5947 03	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	750247 49	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20091
EAST	2088136 87	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/09/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 14 6 FT 11 6 FT

SAMPLE GRAIN SIZE | WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION



abundant quartz, trace rock fragments feldspar kaolinized feldspar mica, trace carbonaceous material throughout slightly moist
1% gravel 45% sand 6% silt 48% clay

SC Clayey Sand with some silt moderate brown (5YR4/4) maximum gravel diameter 08 average 01 sand is fine to coarse-grained, poorly graded, sub-rounded, medium plasticity gravel is primarily quartzite, sand contains abundant quartz some rock fragments, trace dark minerals mica, kaolinized feldspar carbonaceous material throughout wood fragments at 22 4 22 7 22 9 pale olive (10Y6/2) sandy clay clasts at 22 7 22 9 slightly moist
1% gravel 54% sand 12% silt 33% clay

CL /sc Clayey Sand with some silt light brown (5YR5/6) maximum gravel diameter 03, average 02 sand is fine- to coarse-grained, well graded, sub-angular to sub-rounded, medium plasticity gravel is primarily quartzite sand contains abundant quartz, some rock fragments trace dark minerals mica, kaolinized feldspar feldspar some carbonaceous material throughout, maximum carbonaceous material diameter > 03' x 03 at 23 3 23 9 pale olive (10Y6/2) sandy clay clasts and faint laminations at 24 1 24 7 slightly moist
1% gravel, 48% sand, 9% silt, 42% clay

CL Sandy Clay with some silt light olive gray (5Y6/1) to moderate brown (5YR4/4) maximum gravel diameter 06 average 03 fine- to coarse-grained sand, poorly graded gravel is rounded, sand is sub-rounded to rounded medium plasticity gravel is primarily quartzite sand contains abundant quartz trace rock fragments, mica iron and limonite stain, thinly to moderately interbedded, sandy alluvial material and gray sandy clay (bedrock?) saturated
1% gravel, 35% sand, 7% silt, 57% clay

No recovery for this interval

GC Sandy Gravel with some clay and silt light brown (5YR6/4) maximum gravel diameter > 25, average 1 sand is fine to coarse-grained well graded, gravel is rounded, sand is angular to sub-rounded, low plasticity gravel is primarily quartzite with some granite and trace arkosic arenite at 31 6 sand contains abundant quartz, some rock fragments iron stain, feldspar, dark minerals trace mica, increased sand decreased gravel at 27 3 27 6 bedrock contact is sharp and scoured with gravel loaded into bedrock saturated
60% gravel, 21% sand, 8% silt, 11% clay

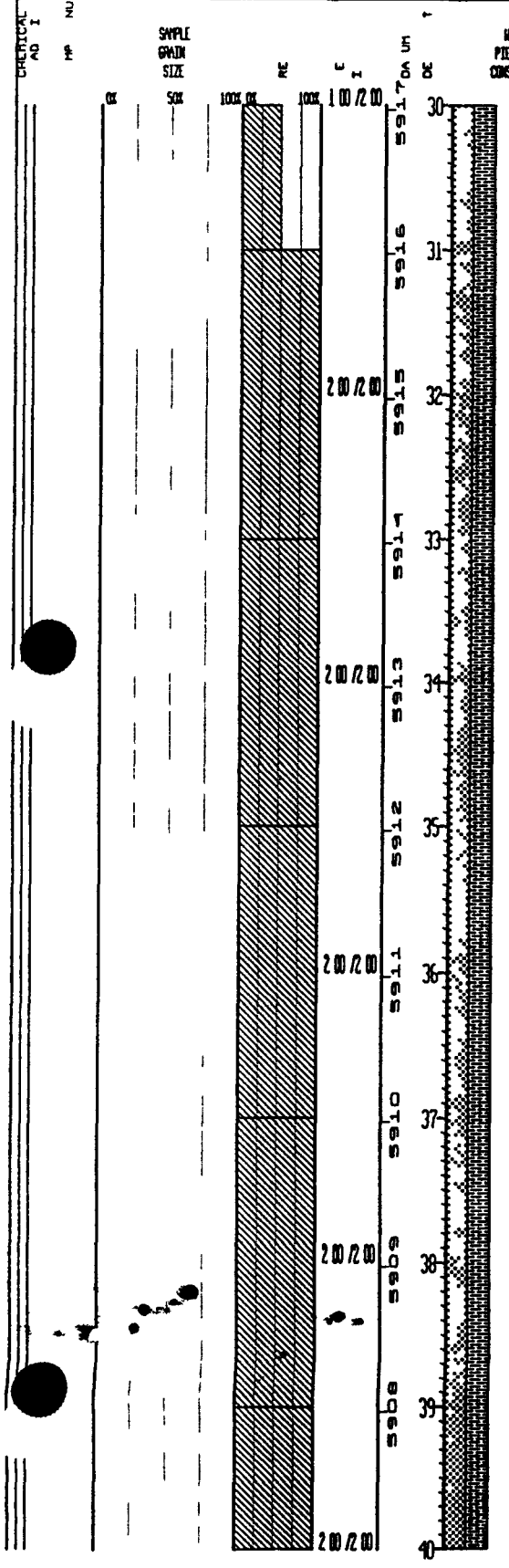
No recovery for this interval

GC Sandy Gravel with some clay and silt light brown (5YR6/4) as described above

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 57 0	GROUND ELEVATION (FT)	5947 03	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750247 49	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20091
EAST	2088136 87	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/09/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 14 6 FT 11 6 FT

SAMPLE GRAIN SIZE	WELL OR PIEZOMETER CONSTRUCTION	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
			No recovery for this interval
		GC	Sandy Gravel with some clay and silt light brown (5YR6/4) as described above Top of bedrock at 31 7 ft
		CLAYSTONE	Claystone with some sand dark yellowish orange (10YR6/6) where iron stained to light olive gray (5Y5/2), very fine- to fine-grained, very well sorted, sub-rounded to rounded, approximately 3% porosity argillaceous cement slightly friable abundant quartz, some iron stain, trace dark minerals, rock fragments, mica, thinly laminated to thinly bedded, carbonaceous material along lamina, some iron stain throughout, abundant iron stain at 31 7 33 8 iron nodules at 33 1 caliche nodules at 34 4-34 7 faint cross-laminations at 34 7 35 0 slightly moist 7% sand, 5% silt 88% clay
		CLAYSTONE	Claystone with some silt grayish yellow (5Y8/4) very fine-grained, very well sorted sub-angular approximately 2% porosity argillaceous cement slightly friable abundant frosted quartz, trace dark minerals mottled to thickly laminated, slightly moist 5% sand, 10% silt 85% clay
		CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to dusky yellow (5Y6/4) very fine to medium-grained, moderately sorted, sub-rounded to well rounded, approximately 13% porosity argillaceous cement moderately friable abundant frosted quartz, some dark minerals trace rock fragments, clear quartz, iron stain, clay rip-up clast at 37 5-37 8 increased sand content at 38 5-39 0 ripple laminations and faint cross laminations at 38 6 20 degree laminations-possibly cross laminea at 38 85 moist 65% sand, 6% silt, 29% clay
		CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained (39 9-40 0)



STATE PLANE COORDINATE		TOTAL DEPTH (FT) 57 0	GROUND ELEVATION (FT)	5947 03	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	750247 49	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20091
EAST	2088136 87	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/09/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 14 6 FT 11 6 FT

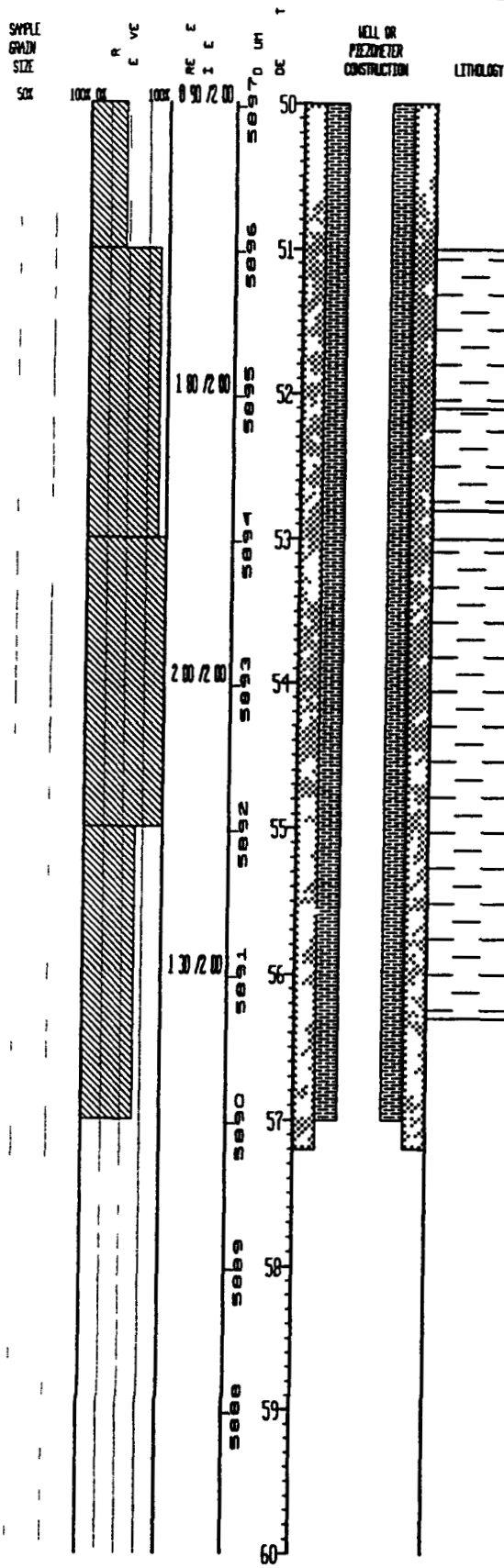
CHEMICAL SAMPLE

SAMPLE GRAIN SIZE | PE EC | REC I E | DATUM | DEPTH | WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION

Unified Soils Classification or Rock Type	Description
	very fine to medium-grained, moderately sorted, sub-rounded to well rounded, approximately 11% porosity argilloceous cement highly friable, abundant frosted quartz, some dark minerals iron stain, trace clear quartz biotite increased clay content at 39 0-39 8 increased sand content at 39 9-40 0 moist 63% sand, 15% silt 22% clay
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to pale yellowish orange (10YR8/6) where iron stained (41 1 41 2 41 7-41 8 42 3) very fine- to medium-grained, well sorted, sub-rounded to well rounded, approximately 8% porosity argilloceous cement, slightly friable abundant frosted quartz, some iron and limonite stain, trace dark minerals, rock fragments mica, dry to moist 43% sand, 15% silt 42% clay
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained, very fine- to medium-grained, moderately sorted, rounded to well rounded, approximately 16% porosity argilloceous cement highly friable abundant frosted quartz some iron stain, dark minerals rock fragments trace feldspar healed 45 degree fracture at 43 8' increased clay content at 43 2-44 0 moist to wet 68% sand, 10% silt 22% clay
	No recovery for this interval
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained, as described above
CLAYEY SANDSTONE	Clayey Sandstone with some silt interlaminated/bedded dark yellowish orange (10YR6/6) sand and medium light gray (N6) clay very fine to medium-grained, well sorted sub-rounded to well rounded, approximately 10% porosity argilloceous cement highly friable, abundant frosted quartz, some iron stain, trace dark minerals/rock fragments clear quartz, carbonaceous material throughout ripple laminations at 49 5 (amplitude 03 , wavelength 1 1 and 51 65 (amplitude 02 , wavelength 17) thin bed of gray sandy clay at 51 3 51 65 vertical de-watering structures at 51 8 52 1 moist 45% sand, 12% silt 43% clay
	No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 57 0	GROUND ELEVATION (FT)	5947 03	PROJECT NUMBER	002/R1	LOG OF BORING NUMBER
NORTH	750247 49	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20091
EAST	2088136 87	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/09/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 14 6 FT 11 6 FT



CLAYEY SANDSTONE Clayey Sandstone with some silt interlaminated/bedded dark yellowish orange (10YR6/6) sand and medium light gray (N6) clay as described above

CLAYEY SANDSTONE Clayey Sandstone with some silt light gray (N7) to dark gray (N3), yellowish gray (5Y7/2) sand beds at 53 2 53 45, 53 9-54 0' very fine- to fine-grained, well sorted, rounded to well rounded approximately 8% porosity argilloceous cement moderately friable, abundant frosted quartz, some dark minerals/rock fragments trace clear quartz, mica, thinly laminated, cross laminations dipping 30 degrees at 54 7 54 9 increased clay content at 55 0-55 3' moist 97% sand, 11% silt, 92% clay

No recovery for this interval

CLAYEY SANDSTONE Clayey Sandstone with some silt light gray (N7) to dark gray (N3), yellowish gray (5Y7/2) sand beds at 53 2 53 45, 53 9-54 0' as described above

No recovery for this interval

Total depth at 57 0 ft

OU2-ALLUVIUM

RFEDS
WELL INSTALLATION FORM

Well Number 08 2Ø191 | Project Number EMAD
Old Well No

Area NE Trenches | North or Y | East or X
Purpose GW Plume Characterization
Formation Arapahoe Fm | Well Status Active
Contractor Woodward-Clyde | Drilling Method Hollow-Stem Auger
Geologist PMH | Locator
Date Drilled Ø4/Ø3/92 | Ground Elev ft

Total Depth 76 Ø ft | Stick Up ft
Depth to Bedrock 33.Ø ft | Completed Depth 59 Ø ft
Casing Diameter 2 0 in | Borehole Diam 10 0 in

Monitoring Interval 37 Ø ft to 57 Ø ft
Initial Water Level 27 Ø ft | Date Ø4/Ø1/92
Completed Water Level 19 9 ft | Date Ø4/06/92

Item		From	To	ID	Type
Surface Seal		ft	ft		Concrete
Protective Casing		ft	ft	6 0 in	Steel
Surface Casing		59 Ø ft	– ft	2 0 in	PVC Sch 40
Secondary Casing	N/A	ft	ft	in	N/A
Centralizer	N/A	ft	ft	in	N/A
Bentonite Seal		34 1 ft	3Ø 9 ft		Bentonite
Filter Pack		59 Ø f	34 1 ft		16-40 Sand
Volume	13 Ø cu ft				
Screen		57 Ø ft	37 Ø ft	2 0 in	PVC Sch 40
Slot Size	0 01 in				
Sump		59 Ø ft	57 Ø ft	2 0 in	PVC Sch 40
Backfill Seal		59 Ø ft	59 Ø ft		Bentonite
Backfill		76 Ø ft	59 Ø ft		Bentonite
Volume	1Ø Ø cu ft				

Tech Ck
REL 4-Ø7-92

OU2-ALLUVIUM

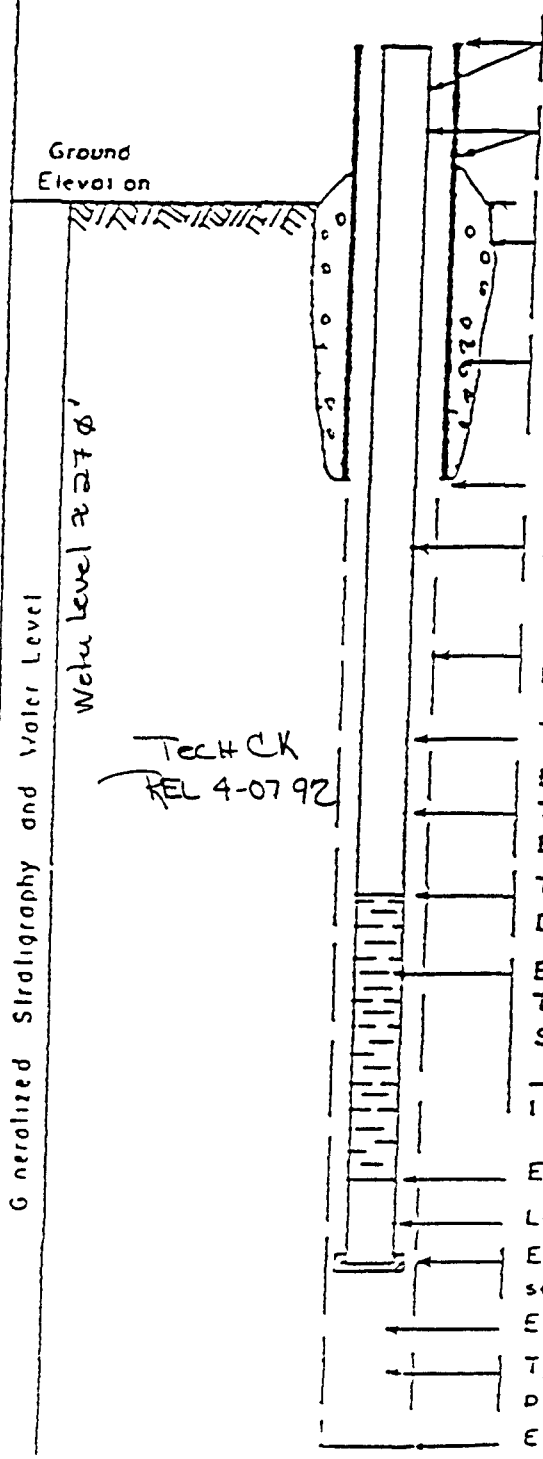
U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT

FORM GT 6A

GROUNDWATER MONITORING WELL AND PIEZOMETER REPORT

PROJECT OU2 RFI/RI Phase II	Page 1 of 1
LOCATION NE Trenches	Well No OB 20191
Date Completed 04/06/92 Original Depth ~~59.0'~~ 76'	Aquifer Arapahoe Fm
Inspected By _____ Date _____	
Checked By _____ Date _____	Depth Interval 37-57'

NOTE CENTRALIZER DEPTHS



Elevation of top of surface casing / riser pipe	
Height of top of surface casing / riser pipe above ground surface	-22/20 ft
Depth of surface seal below ground surface	30 ft
Type of surface seal concrete	
I.D. of surface casing	60"
Type of surface casing steel	
Depth of surface casing below ground	28 ft
I.D. of riser pipe	20
Type of riser pipe PVC sch 40	
Diameter of borehole	100"
Depth of borehole	760
Type of backfill bentonite grout	
Elev/depth top of seal	309
Type of seal bentonite seal	
Elev/depth bottom of seal	341'
Type of filter pack 16/40 silica sand	
Depth of top of filter pack	341
Elev/depth top of screened section	370'
Type of screened section PVC sch 40	
Screen openings 0010"	
I.D. of screened section	20"
Elev/depth bottom of screened section	570'
Length of blank section	20'
Elev/depth bottom of plugged blank section	590'
Elev/depth bottom of sand column	590
Type of backfill below observation pipe bentonite pellets	
Elev/depth of hole	760'

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2.2A

WELL DEVELOPMENT AND SAMPLING FORM

Recorder s Name and Title Jan Jarrett

Well ID OB 20191

Survey location coordinates. North _____ East N/A

Date this report 05 05 92 Date well installation 4 6 92 Date well development N/A

Well designation OBWell

Ground elevation. Est N/A Survey N/A

Screened interval 390-590 Formation. N/A

Measuring point (MP) Top of well casing/other N/A Well stick up 2'

Water level (below MP) Start 22 39 End. N/A

Well depth (below MP) 61 16 + 07 = 6123 Water elevation (BGS) n/a

Method used to measure water level Solinst Estimated recharge rate n/a

Volume of saturated annulus (assume 30 percent porosity) n/a

Volume Calculation 61 23 - 22 39 = 38 84 x 0 16 = 6 21

Quantity of water used during drilling: n/a

Depth of sediment (below MP) Before n/a After n/a

Development equipment Grundfos pump

Sampling equipment n/a

pH meter No 910714159 Calibration 400/704 144° Time 0930

Specific conductance meter No 900103503 Calibration. 112 155° Time 0931

FTU meter No 900409105 Calibration. N/A

Time	Pumping Rat gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1341	193	over range	788	240	044	Ø	Ø	odor sulfur
						6 21	1	
						12 42	2	
						18 63	3	
						24 84	4	
						31 05	5	

Comments Dave Spruce is working in our exclusion zone 1330 1420 to clear obstruction @ PW20091

1357 - pump broken at 5gal purge - Repairs until 1455

Pump completely down @ 1500

(4011-452)WATER2-2.SOP)(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2.2A

Page One

WELL DEVELOPMENT AND SAMPLING FORM

Recorder s Name and Title Jan Jarrett - Field Tech

Well ID OB20191

Survey location coordinates. North N/A East N/A

Date this report 05-12-92 Date well installation 4-6-92 Date well development 5-12-92

Well designation. OB Well

Ground elevation. Est N/A Survey N/A

Screened interval 39 0 - 59 0 Formation. N/A

Measuring point (MP) Top of well casing/other N/A Well stick up 2'

Water level (below MP) Start 22.71 End. N/A

Well depth (below MP) 51 19 + 07 = 51 26 Water elevation (BGS) N/A

Method used to measure water level Solinst Estimated recharge rate 11 07

Volume of saturated annulus (assume 30 percent porosity) N/A

Volume Calculation 51 26 - 22 71 = 28 55 x 0 16 = 4 57

Quantity of water used during drilling: N/A

Depth of sediment (below MP). Before N/A After N/A

Development equipment Grundfos pump

Sampling equipment

pH meter No 9107 14159 Calibration 4 00/7 03 16 2° Time 0838

Specific conductance meter No 900103503 Calibration. 1 11 171° Time 0835

F T U meter No 900409105 Calibration. N/A

Time	Pumping Rat gpm	FTU	pH	T mp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
0935	.45	over range	7 64	13 0	0 46	Ø	Ø	Muddy
0945	45	over range	7 61	14 0	0 40	4 57	1	Cloudy
0955	45	over range	7 66	13 5	0.40	9 14	2	Cloudy
1006	45	over range	7 62	14 6	0 38	13 71	3	Cloudy
1015	45	over range	7 51	15 0	0 37	18 28	4	Cloudy
1025	45	391	7 42	15 5	0 36	22 85	5	Clearer
1035	45	399	7 45	15 5	0.37	27 42	6	Clearer
1045	45	over range	7 57	14 1	0 38	31 99	7	Cloudy
1055	45	over range	7 61	15 3	0.41	36 56	8	Cloudy
1254	45	over range	7 78	14 9	0 37	41 13	9	Cloudy

Comments Well dry @ 39 4 gal Time 1103
56 57 Time 1108
52 88 Time 1118 Water level 41 04 Time 1239
Volume 59

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2.2A

Page Two

WELL DEVELOPMENT AND SAMPLING FORM

Recorder s Name and Title Jan Jarrett - Field Tech

Well ID OB20191

Survey location coordinates North N/A East N/A

Date this report 05-12-92 Date well installation 4 6 92 Date well development 5-12-92

Well designation. OBWell

Ground elevation. Est N/A Survey N/A

Screened interval 39 0 - 59 0 Formation. N/A

Measuring point (MP) Top of well casing/other N/A Well stick up 21

Water level (below MP) Start. 22 71 End. N/A

Well depth (below MP) 51 19 + 07 = 51 26 Water elevation (BGS) n/a

Method used to measure water level Solinst Estimated recharge rate 11.07

Volume of saturated annulus (assume 30 percent porosity) N/A

Volume Calculation 51 26 - 22 71 = 28 55 x 0 16 = 4 57

Quantity of water used during drilling: N/A

Depth of sediment (below MP) Before N/A After N/A

Development equipment Grundfos pump

Sampling equipment n/a

pH meter No 910714159 Calibration 4 00/7 03 16 2° Time 0838

Specific conductance meter No 900103503 Calibration 1 11 17 1° Time 0835

F T U meter No 900409105 Calibration. N/A

Time	Pumping Rate gpm	FTU	pH	Temp C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1259	91	over range	7 87	14 6	0 37	~~45~~ 5 45	70 10	Cloudy
1306	65	range over	7 94	15 2	0 37	50 27	11	Cloudy

Comments Well dry @ 52 25 gal Time 1309
Water still contains suspended material

(4011-452)WATER2-2.SOP)(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form —A

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Kay Michael Field Tech

Well ID OB 20191

Survey location coordinates. North N/A East N/A

Date this report 5-19-92 Date well installation _____ Date well development 5-19-92

Well designation. OB well

Ground elevation. Est. NA Survey NA

Screened interval. 39.0 — 59.0 Formation. N/A

Measuring point (MP) Top of well casing/other N/A Well stick up 2 FT

Water level (below MP) Start 22.78 End. _____

Well depth (below MP) 61.17 + .07 = 61.24 Water elevation (BGS) N/A

Method used to measure water level. Solinst Estimated recharge rate. 15.12 gal per 30 min

Volume of saturated annulus (assume 30 percent porosity) N/A

Volume Calculation. 38.46 X 0.16 = 6.15 Ft Per Volume

Quantity of water used during drilling: N/A

Depth of sediment (below MP) Before N/A After N/A

Development equipment. Grundfos Pump

Sampling equipment. NA

pH meter No 910711159 Calibration. 400/701 @ 21.4°C Time 0909

Specific conductance meter No. 900103503 Calibration. 1.09 @ 21.9°C Time 0900

FTU meter No. 2001X09105 Calibration. N/A

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H2O Removed: Gallons	Cum. Vol. of H2O Removed: Casing Vols.	Physical Description of Water
0929	NA	over	7.37	17.3	0.39	0	0	Brown, grey
0933	1.05	over	7.46	15.1	0.39	6.15	1	Lt Brown Grey
0939	1.03	over	7.57	15.5	0.39	12.30	2	Lt Brown
0948	1.03	over	7.51	15.5	0.39	18.45	3	Brown Grey
1030	NA	over	7.68	17.8	0.39	24.60	4	Dark Brown Grey
1037	.85	over	7.57	16.0	0.36	30.75	5	Brown Grey
1117	NA	over	7.59	17.3	0.38	36.90	6	Brown Grey
						43.05	7	
						49.20	8	
						55.35	9	

Comments. Dewatered at 0955 23.50 Gal

Dewatered 2nd time at 1043 34.25 Gal

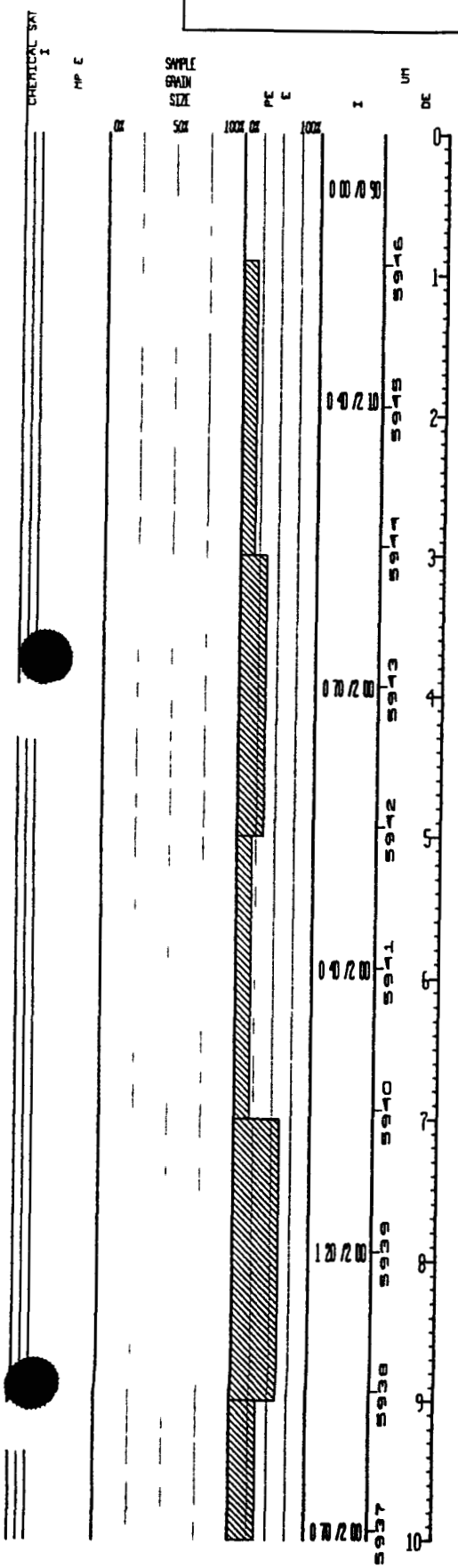
Dewatered 3rd time at 1122 41.5 gal

Recharge rate Bigger at 1125 Beginning DTW 55.20 − 50.16 = 5.04 × 3 = 15.12 gal per 30 min

(4011-ASI)WATER2-2_OP(03-27-91) 11 96 CC 2

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 75 0	GROUND ELEVATION (FT)	5946 93	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750253 15	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20191
EAST	2088144 56	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/01/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 34 1 FT 30 9 FT BACKFILL MATERIAL BENTONITE 76 0 FT 59 0 FT



WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
			Top soil, start of boring at 0 90 ft
		SC	Sandy Clay with some gravel blackish red (5R2/2) maximum gravel diameter 07 average 04 fine- to coarse-grained sand, well graded, sub-angular to sub-rounded low to medium plasticity gravel is primarily caliche coated quartzite with some calcrete sand contains abundant carbonaceous/organic material quartz, some calcrete rock fragments feldspar trace dark minerals, mica, no apparent bedding, moist 23% gravel, 31% sand, 15% silt, 32% clay
			No recovery for this interval
		SC/gc	Clayey Sand with abundant gravel very pale orange (10YR8/2) at 3 0-5 4, light brown (5YR6/4) at 5 4-9 4 light brown (5YR5/6) at 9 4-13 2 maximum gravel diameter > 25 average 13, fine- to coarse-grained sand, well graded, gravel is rounded or fractured, sand is angular to sub-rounded, low/medium plasticity, gravel is primarily quartzite with some gneiss at 7 8 9 1 9 3 and 9 4-9 5 trace pale olive (10Y6/2) sandy clay clasts at 7 5 and 11 3 sand contains abundant quartz, some feldspar, rock fragments increased calcrete and gravel at 3 0-5 4 physical appearance of sandy gravel increased sand content at 9 4-11 4, dry 32% gravel 40% sand, 10% silt 18% clay
			No recovery for this interval
		SC/gc	Clayey Sand with abundant gravel very pale orange (10YR8/2) at 3 0-5 4, light brown (5YR6/4) at 5 4-9 4 light brown (5YR5/6) at 9 4-13 2 as described above
			No recovery for this interval
		SC/gc	Clayey Sand with abundant gravel very pale orange (10YR8/2) at 3 0-5 4 light brown (5YR6/4) at 5 4-9 4 light brown (5YR5/6) at 9 4-13 2 as described above
			No recovery for this interval
		SC/gc	Clayey sand with abundant gravel very pale orange (10YR8/2) at 3 0-5 4, light brown (5YR6/4) at 5 4-9 4 light brown (5YR5/6) at 9 4-13 2 as described above
			No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 75 0	GROUND ELEVATION (FT)	5946 93	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750253 15	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20191
EAST	2088144 56	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/01/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 34 1 FT 30 9 FT BACKFILL MATERIAL BENTONITE 76 0 FT 59 0 FT

CHEMICAL SAT I AL MP UM

SAMPLE GRAIN SIZE: 0% 50% 100% 0% 100%

E E E I D DE

0 70 /2 00 — 5936 — 10

0 60 /2 00 — 5935 — 11

5934 — 12

0 50 /2 00 — 5933 — 13

5932 — 14

2 00 /2 00 — 5931 — 15

5930 — 16

2 00 /2 00 — 5929 — 17

5928 — 18

2 00 /2 00 — 5927 — 19

20

WELL OR PIEZOMETER CONSTRUCTION: 04/06/92

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

SC/gc — Clayey Sand with abundant gravel very pale orange (10YR8/2) at 3 0-5 4 light brown (5YR6/4) at 5 4-9 4 light brown (5YR5/6) at 9 4-13 2' as described above

No recovery for this interval

SC/gc — Clayey Sand with abundant gravel very pale orange (10YR8/2) at 3 0-5 4 light brown (5YR6/4) at 5 4-9 4 light brown (5YR5/6) at 9 4-13 2' as described above

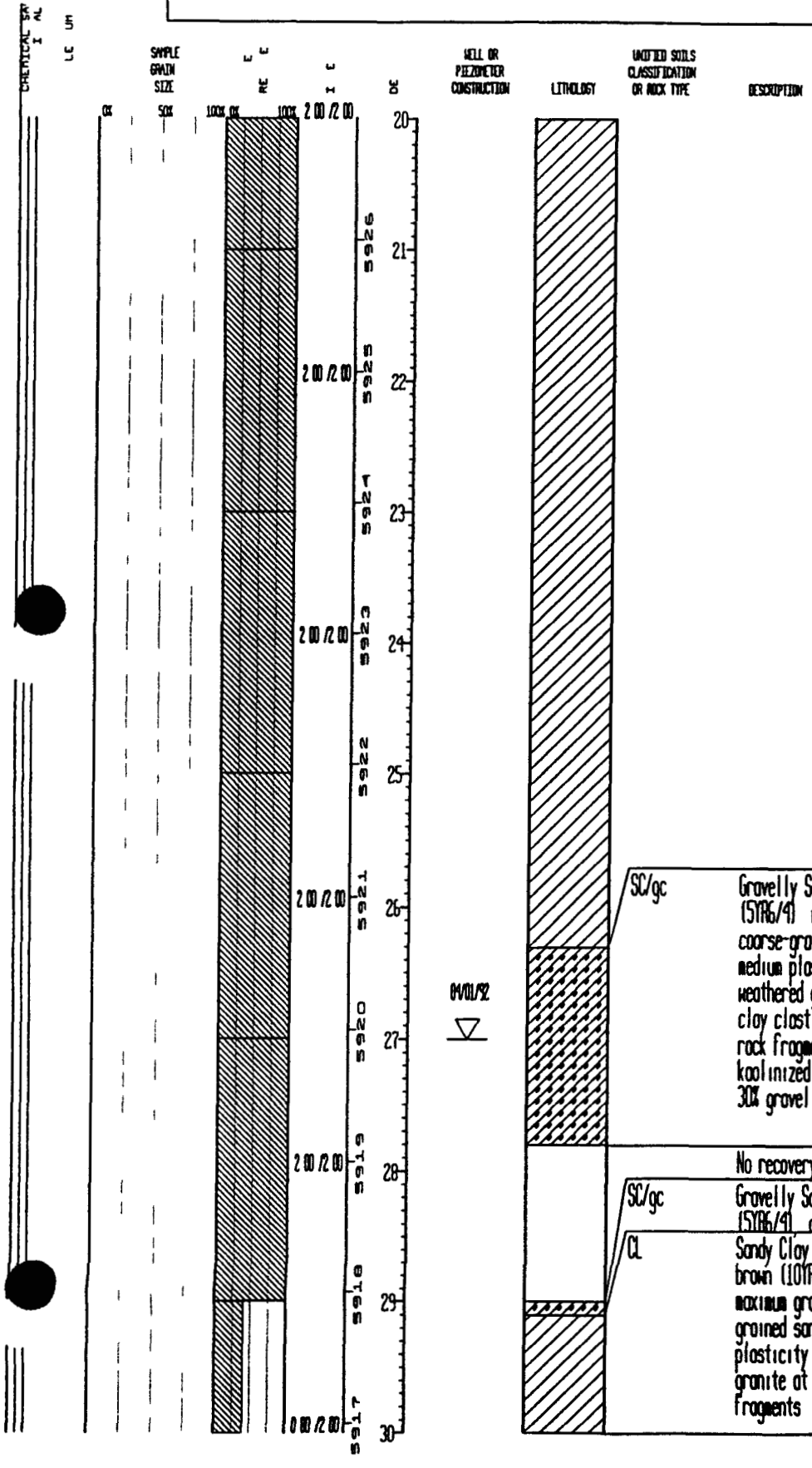
CL — Sandy Clay with some silt light brown (5YR5/6) to moderate brown (5YR4/4) as described below

No recovery for this interval

CL — Sandy Clay with some silt light brown (5YR5/6) to moderate brown (5YR4/4) maximum gravel diameter 07 average 02 fine- to medium-grained sand, poorly graded sub-angular to rounded medium to high plasticity gravel is primarily quartzite with abundant deformed clasts of pale olive (10Y6/2) silty/sandy clay at 13 2 14 8 25 5-25 8 sand contains abundant quartz some feldspar dark minerals, rock fragments calcrete or kaolinized feldspar (does not effervese in HCl acid), trace mica (muscovite) carbonaceous material at 19 8 24 3 slightly moist
4% gravel 33% sand 15% silt 48% clay

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 75 0	GROUND ELEVATION (FT)	5946 93	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750253 15	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20191
EAST	2088144 56	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/01/92	

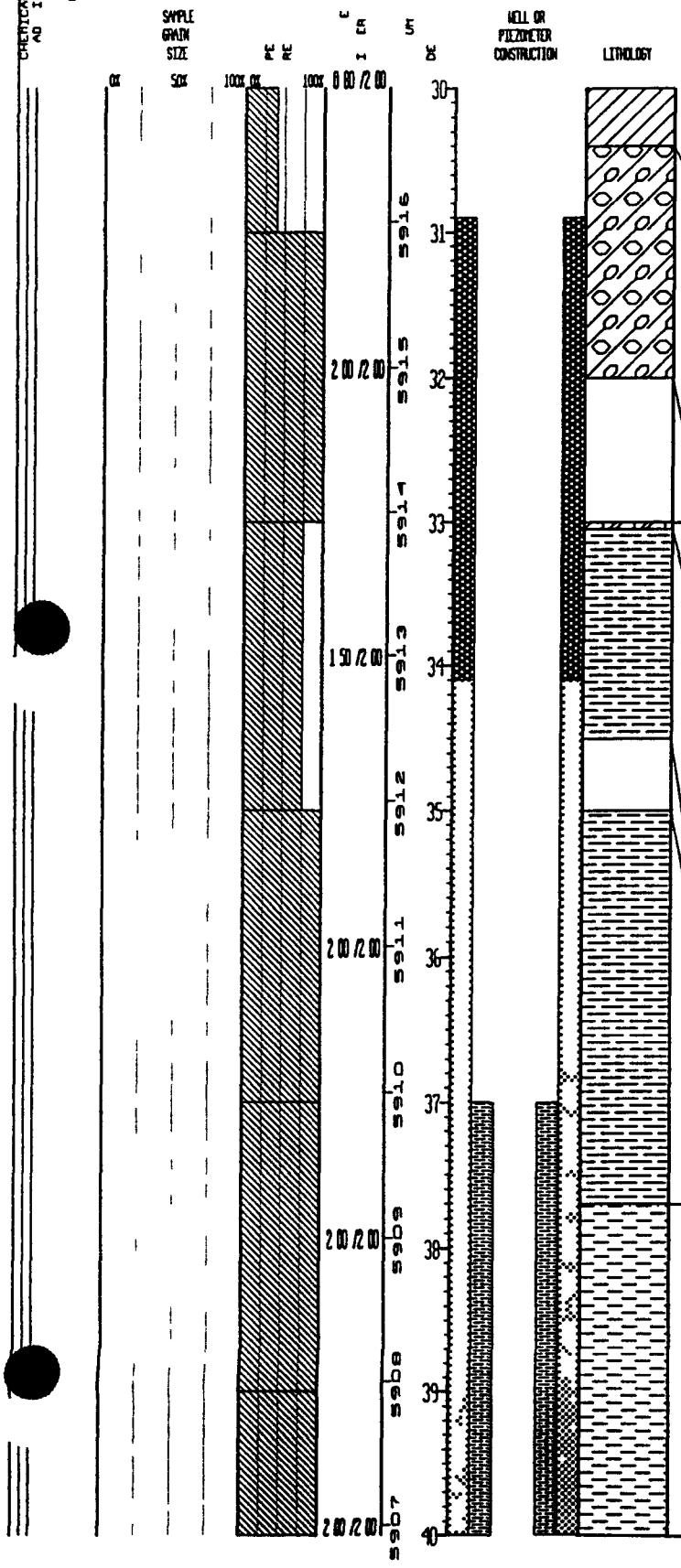
REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 34 1 FT 30 9 FT BACKFILL MATERIAL BENTONITE 76 0 FT 59 0 FT



SC/gc	Gravelly Sand with abundant clay and some silt light brown (5YR6/4) maximum gravel diameter 2 average 07 fine- to coarse-grained sand well graded, angular to sub-rounded, medium plasticity gravel is primarily quartzite with some weathered granite at 26 5 and light olive gray (5Y5/2) clay clast at 26 8 sand contains abundant quartz, some feldspar rock fragments iron stain, dark minerals trace mica (muscovite) kaolinized feldspar no apparent bedding, saturated 30% gravel 34% sand, 10% silt 26% clay
	No recovery for this interval
SC/gc	Gravelly Sand with abundant clay and some silt light brown (5YR6/4) as described above
CL	Sandy Clay with some gravel and silt moderate yellowish brown (10YR5/4) to light olive gray (5Y6/1) at 29 6 30 1 maximum gravel diameter 16 average 02 fine- to coarse-grained sand, well graded sub-angular to sub-rounded, medium plasticity gravel is primarily quartzite with some granite at 30 2 sand contains abundant quartz, trace rock fragments feldspar dark minerals mica, kaolinized feldspar

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 75 0	GROUND ELEVATION (FT)	5946 93	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750253 15	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20191
EAST	2088144 56	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/01/92	

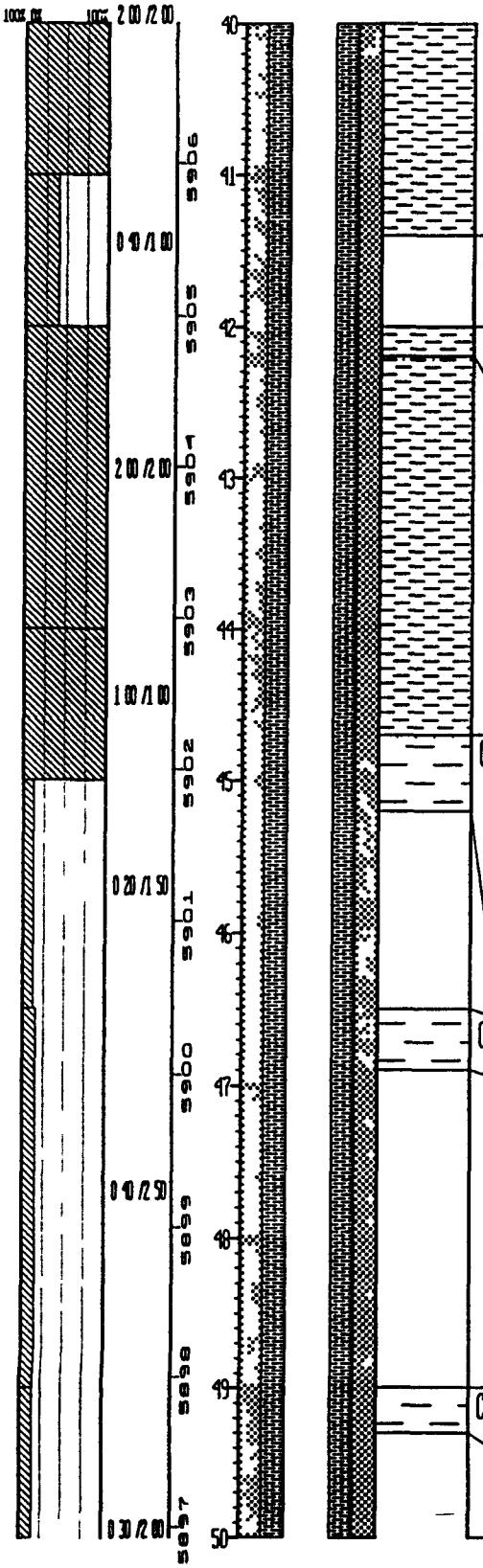
REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 34 1 FT 30 9 FT BACKFILL MATERIAL BENTONITE 76 0 FT 59 0 FT



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	limonite/iron stain thin bed of dark yellowish orange (10YR6/6) iron stained sand at 30 1 30 3 faintly laminated carbonaceous material at 29 6 30 1 , saturated 12% gravel, 32% sand, 12% silt, 44% clay
GC	Sandy Gravel with abundant clay and some silt moderate brown (5YR4/4) maximum gravel diameter 21 average 07 fine- to coarse-grained sand, well graded angular to rounded medium to low plasticity, gravel is primarily quartzite with some light olive gray (5Y6/1) bedrock rip-up clasts throughout sand contains abundant quartz some rock fragments feldspar dark minerals trace mica kaolinized feldspar bedrock contact is sharp scoured undulating surface with amplitude of >= 04, wavelength > 2 saturated 41% gravel, 27% sand, 7% silt, 26% clay
	No recovery for this interval
GC	Sandy Gravel with abundant clay and some silt moderate brown (5YR4/4) as described above Top of bedrock at 33 05 ft
CLAYSTONE	Claystone with some sand light olive gray (5Y5/2) to yellowish gray (5Y7/2) very fine- to fine-grained, well sorted, sub-rounded approximately 6% porosity argillaceous cement slightly friable, abundant quartz, trace dark minerals, mica, iron stain, mottled with trace carbonaceous material, stringers of dark yellowish orange (10YR6/6) iron stain at 33 05-36 0" thinly bedded to moderately laminated at 36 0-37 0 increased sand content at 37 0-37 7 dry to slightly moist 13% sand, 5% silt, 82% clay
	No recovery for this interval
CLAYSTONE	Claystone with some sand light olive gray (5Y5/2) to yellowish gray (5Y7/2) as described above
SANDY CLAYSTONE	Sandy Claystone with some silt light olive gray (5Y5/2) to yellowish gray (5Y7/2), very fine- to fine-grained, well sorted, sub-rounded to well rounded, approximately 10% porosity, argillaceous cement moderately friable abundant frosted quartz, some dark minerals feldspar trace rock fragments, mottled to thinly/thickly laminated clay/sand, iron stain at 37 8 37 9 39 5-40 4 flame and dewatering structures at 40 0-40 4 increased sand content at 40 1 41 0 slightly moist 33% sand, 10% silt 57% clay

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 75 0	GROUND ELEVATION (FT)	5946 93	PROJECT NUMBER	002/R1	LOG OF BORING NUMBER
NORTH	750253 15	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20191
EAST	2088144 56	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/01/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 34 1 FT 30 9 FT BACKFILL MATERIAL BENTONITE 76 0 FT 59 0 FT



No recovery for this interval

SANDY CLAYSTONE Sandy Claystone with some silt light olive gray (5Y5/2) to yellowish gray (5Y7/2), as described above

SANDY CLAYSTONE Sandy Claystone with some silt medium dark gray (N4) clay and yellowish gray (5Y7/2) sand very fine- to fine-grained, well sorted, sub-rounded to well rounded, approximately 12% porosity argilloceous cement moderately to highly friable abundant frosted quartz, some dark minerals feldspar, trace clear quartz, rock fragments iron stain, interbedded to interlaminated sand/clay at intervals of approximately 0 5 , dark yellowish orange (10YR6/6) iron stained sand at 42 7-43 0 44 5-44 7 moist 46% sand, 6% silt 48% clay

CLAYEY SANDSTONE Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) very fine- to medium-grained moderately sorted, rounded to well-rounded, approximately 15% porosity argilloceous cement, moderately friable abundant frosted quartz some dark minerals feldspar trace clear quartz, rock fragments iron stain, iron staining throughout interval slightly moist to moist 57% sand, 17% silt, 26% clay

No recovery for this interval

CLAYEY SANDSTONE Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6), as described above

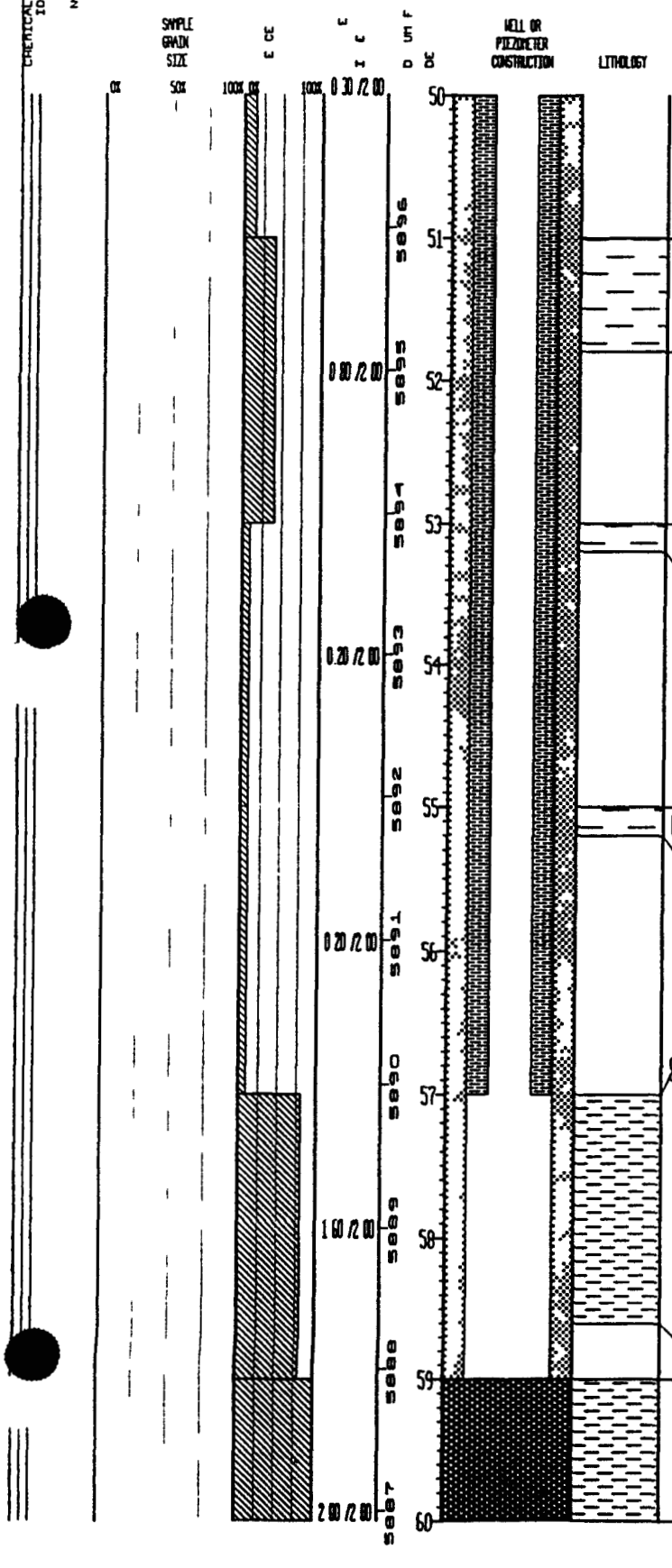
No recovery for this interval

CLAYEY SANDSTONE Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6), as described above.

No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 75 0	GROUND ELEVATION (FT)	5946 93	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750253 15	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20191
EAST	2088144 56	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/01/92	

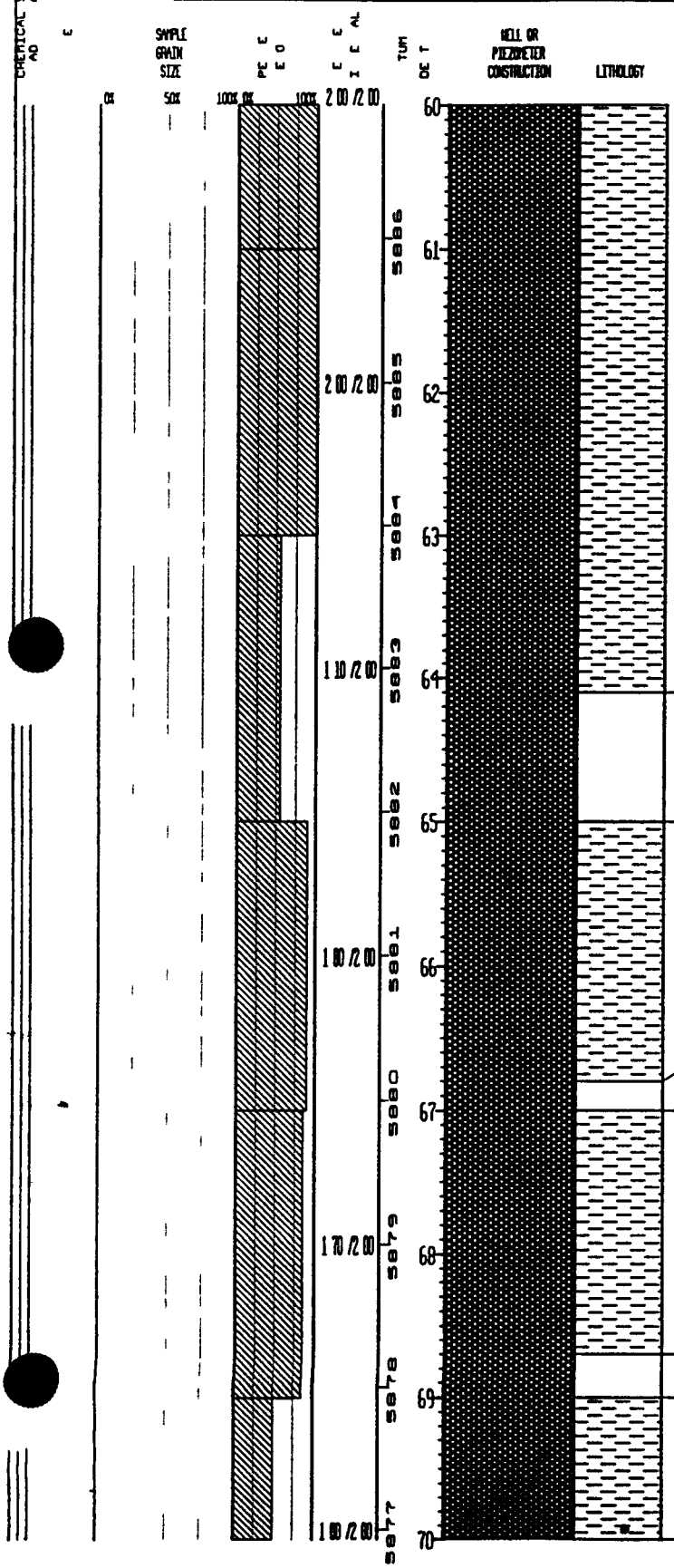
REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 34 1 FT 30 9 FT BACKFILL MATERIAL BENTONITE 76 0 FT 59 0 FT



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) as described above
	No recovery for this interval
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6), as described above
	No recovery for this interval
CLAYEY SANDSTONE	Clayey Sandstone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6), as described above
	No recovery for this interval
SANDY CLAYSTONE	Sandy Claystone with some silt light gray (N7) sand dark gray (N3) clay very fine- to fine-grained, very well sorted, sub-angular to rounded, approximately 7% porosity argillaceous cement moderately to slightly friable abundant clear quartz, some frosted quartz dark minerals/rock fragments thinly laminated to moderately bedded sand/clay throughout sand slumped along 35 degree detachment plane at 57 1 57 3 ripple laminations at approximately 58 0 with 03 amplitude and 15 wavelength, increased sand content at 58 0-58 1 moist 28% sand, 11% silt 61% clay
	No recovery for this interval
SANDY CLAYSTONE	Sandy Claystone with some silt light gray (N7) sand, dark gray (N3) clay as described above convolute laminations and low angle (2 degree) planar cross-laminations at 59 5-60 0 60 degree slump detachment surface with chaotic/

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 75 0	GROUND ELEVATION (FT)	5946 93	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750253 15	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20191
EAST	2088144 56	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/01/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 34 1 FT 30 9 FT BACKFILL MATERIAL BENTONITE 76 0 FT 59 0 FT



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	disturbed bedding above and below detachment surface at 60 6 sandstone rip-up clasts at 61 3 increased sand content at 59 1 59 2 increased clay content at 63 0-63 8
	No recovery for this interval
SANDY CLAYSTONE	Sandy Claystone with some silt light gray (N7) sand dark gray (N3) clay as described above 20 degree surface (channel or slump surface) filled with discordent lamination bedding at 66 1 chaotic laminations with multiple rotational detachments (05 offset) at 66 2 66 4
	No recovery for this interval
SANDY CLAYSTONE	Sandy Claystone with some silt light gray (N7) sand, dark gray (N3) clay, as described above clay with sand clast rip-ups at 67 0-67 9
	No recovery for this interval
SANDY CLAYSTONE	Sandy Claystone with some silt light gray (N7) sand dark gray (N7) clay, as described above laminations inclined at 25 degrees at 69 3 increased sand content at 68 5-69 1

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 75 0	GROUND ELEVATION (FT)	5946 93	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750253 15	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20191
EAST	2088144 56	LOCATOR NUMBER	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/01/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 34 1 FT 30 9 FT BACKFILL MATERIAL BENTONITE 76 0 FT 59 0 FT

CHEMICAL SA D I AL MB

SAMPLE GRAIN SIZE 0% 50% 100%

E CE E O E 0% 100%

E O E I E AL

1 00 /2 00

0 90 /2 00

2 00 /2 00

D UM DE T

5876 5875 5874 5873 5872 5871 5870 5869 5868 5867

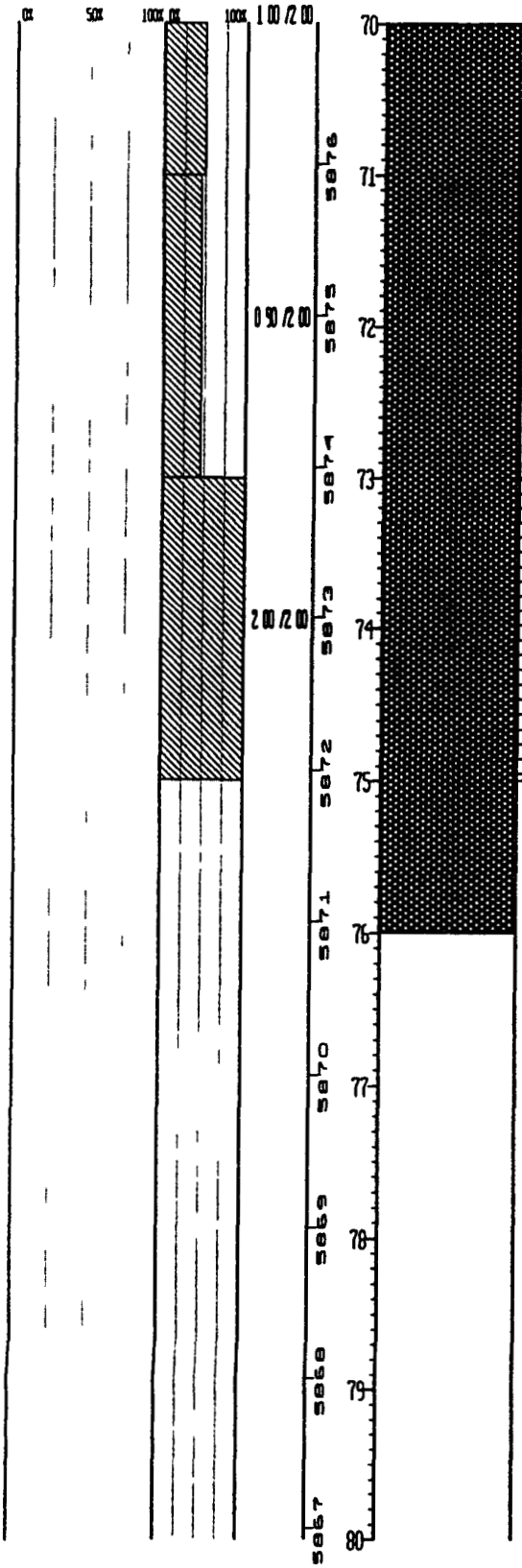
70 71 72 73 74 75 76 77 78 79 80

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION



No recovery for this interval

SANDY CLAYSTONE Sandy Claystone with some silt light gray (N7) sand dark gray (N3) clay as described above 40 degree slump or microfault surface at 71 5 increased sand content at 71 3 71 45

No recovery for this interval

SANDY CLAYSTONE Sandy Claystone with some silt light gray (N7) sand, dark gray (N3) clay as described above sand load casts at 73 05' convolute laminations and rip-up clasts at 73 1 73 5 increased sand content at 73 9-74 2

Total depth at 75 0 ft

OU2-ALLUVIUM

RFEDS
WELL INSTALLATION FORM

Well Number 0B2Ø291 | Project Number 4Ø06 EMAD
Old Well No

Area NE Trenches | North or Y | East or X
Purpose GW Plume Characterization / Pump testing
Formation Alluvium | Well Status Active
Contractor Woodward-Clyde | Drilling Method Hollow-Stem Auger
Geologist B Edgerly | Locator H13
Date Drilled 4/9-4/10/92 | Ground Elev ft

Total Depth ~~33 3~~ ft | Stick Up ft
Depth to Bedrock 33 2 ft | Completed Depth ~~33 3 ft~~
Casing Diameter 2 0 in | Borehole Diam 10 0 in

Monitoring Interval 33 Ø f to 18 Ø f
Initial Water Level 26 Ø ft | Date 4-9-92
Completed Water Level 16 9 ft | Date 4-10-92

Item	From		To		I D	Type
Surface Seal		ft		ft		Concrete
Protective Casing		ft	~~[illegible]~~	ft	6 0 in	Steel
Surface Casing	33 3	ft	-2.Ø	ft	2 0 in	PVC Sch 40
Secondary Casing	N/A	f		ft	in	N/A
Centralizer	N/A	f		ft	in	N/A
Bentonite Seal	16 Ø	ft	13 Ø	ft		Bentonite
Filter Pack	33 3	ft	16 Ø	ft		10-40 Sand
Volume 9 1	cu ft					
Screen	33 Ø	ft	18 Ø	ft	2 0 in	PVC Sch 40
Slot Size	0 01 in					
Sump	33 3	ft	33 Ø	ft	2 0 in	PVC Sch 40
Backfill Seal	N/A	ft		ft		Bentonite
Backfill	N/A	f		f		Bentonite
Volume	cu f					

Tech Ck
REL 4-13-92

OU2-ALLUVIUM

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT

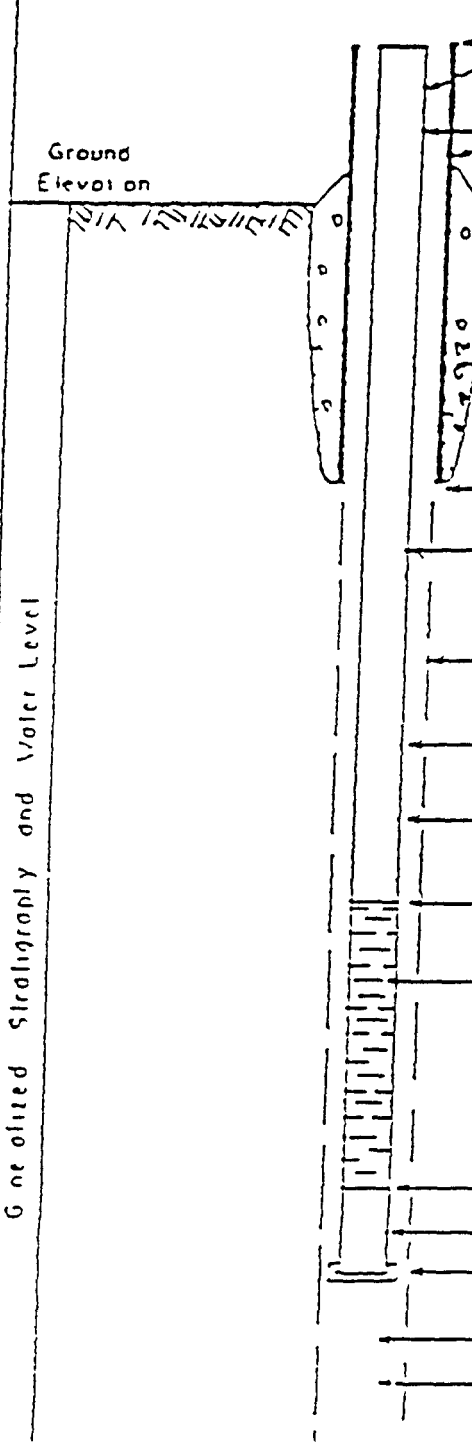
FORM GT 6A

GROUNDWATER MONITORING WELL AND PIEZOMETER REPORT

PROJECT OU2 RFI/RI Phase II
LOCATION NE Trenches
Date Completed 4-16-92 Original Depth 33.3 ft
Inspected By _____ Date _____
Checked By _____ Date _____

Page 1 of 1
Well No OB2029
Aquifer Alluvium
Depth Interval 18.0 33.0

NOTE CENTRALIZER DEPTHS



Elevation of top of surface casing / riser pipe	
Height of top of surface casing / riser pipe above ground surface	-22 / -20 ft
Depth of surface seal below ground surface	30 ft
Type of surface seal Concrete	
ID of surface casing	6.0 in
Type of surface casing steel	
Depth of surface casing below ground	28 ft
ID of riser pipe	2.0 in
Type of riser pipe sch 40 PVC	
Diameter of borehole	10.0 in
Depth of borehole	33.3 ft
Type of backfill Bentonite grout	
Elev/depth top of seal	13.0 ft
Type of seal Bentonite	
Elev/depth bottom of seal	16.0 ft
Type of filter pack 16-40 Silica sand	
Depth of top of filter pack	16.0 ft
Elev/depth top of screened section	18.0 ft
Type of screened section sch 40 PVC	
Screen opening nos 0.01 in	
ID of screened section	2.0 in
Elev/depth bottom of screened section	33.0 in
Length of blank section	0.3 in
Elev/depth bottom of plugged blank section	33.3 ft
Elev/depth bottom of end column	33.3 ft
Type of backfill below base valve pipe N/A	
Elev/depth [illegible]	33.3 ft

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form A

PG 1

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title: RAY Michael Field Tech

Well ID: 0B20291

Survey location coordinates. North: — East: —

Date this report: 0-13-92 Date well installation: 4-10-92 Date well development: 5-13-92 & 5-14-92 & 5-15-92

Well designation: —

Ground elevation. Est.: — Survey: —

Screened interval: 20'-35.0' Formation: —

Measuring point (MP) Top of well casing/other: — Well stick up: 2'

Water level (below MP) Start: 22.42 (5-13-92) End: 22.40 (5-14-92)

Well depth (below MP): 34.37 + 35 = 34.72 Water elevation (BGS): —

Method used to measure water level: Solinst Estimated recharge rate: —

Volume of saturated annulus (assume 30 percent porosity): —

Volume Calculation: 12.3' X 0.16 = 1.97

Quantity of water used during drilling: —

Depth of sediment (below MP) Before: — After: —

Development equipment: Grundfos Pump

Sampling equipment: N/A

pH meter No 910714159 Calibration: 4.00/7.03 16.8°C Time 1006

Specific conductance meter No 900103503 Calibration: 1.14 @ 18.1°C Time 1008

FTU meter No. 900409105 Calibration: ~~Date date~~ N/A

	Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H2O Removed: Gallons	Cum. Vol. of H2O Removed: Casing Vols.	Physical Description of Water
	1252	NA	OVRR	7.80	20.8	0.64	0	0	muddy
	1256	.49	OVRR	7.87	15.4	0.46	1.97	1	"
	1259	.66	OVRR	7.39	14.8	0.49	3.94	2	"
	1302	.66	OVRR	7.78	14.5	0.49	5.91	3	"
Pump Stopped	1305	NA	OVRR	7.73	15.2	0.51	7.88	4	"
	1309	.49	OVRR	7.71	15.8	0.54	9.85	5	"
Pump Stopped	1323	NA	OVRR	7.68	18.1	0.56	11.82	6	"
	1326	.66	OVRR	7.70	15.5	0.61	13.79	7	"
	1330	.49	OVRR	7.62	14.2	0.58	15.76	8	"
	1334	.49	OVRR	7.64	14.6	0.60	17.73	9	"

Comments: DRY at 10.40 Waiting for Recharge 1312. WLm @ 24.69

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form A

PG 2

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Ray Michael Field Tech

Well ID OB20291

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation _____

Ground elevation Est. _____ Survey --

Screened interval _____ Formation _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End _____

Well depth (below MP) See _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No. _____ Calibration _____

F T U meter No. _____ Calibration _____

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1337	.66	OVRR	7.68	16.3	0.61	19.7	10	muddy
1341	.49	OVRR	7.72	16.2	0.62	21.67	11	"
1346	.49	OVRR	7.68	15.5	0.62	23.64	12	"
1351	.49	OVRR	7.78	16.5	0.62	25.61	13	Clearing SI
1357	.32	OVRR	7.79	16.4	0.61	27.58	14	Tan - Very Cloudy
1401	.49	OVRR	7.72	16.3	0.63	29.55	15	Tan - Very Cloudy
1405	.49	OVRR	7.79	15.6	0.65	31.52	16	Tan Cloudy
1411	.32	432	7.73	15.7	0.63	33.49	17	cloudy
1416	.39	282	7.73	16.7	0.64	35.46	18	cloudy
1426	NA	322	7.75	18.5	0.64	37.43	19	Cloudy

Pump Stopped

37 Gal

Comments. DRY @ ~~18 Gal~~ 1421

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form —A

PG3

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Ray michael Field Tech

Well ID OB 20291

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start: See page 1 End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation. _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment. _____

pH meter No 910714159 Calibration. 4.00/7.03 18.5°C Time 0935

Specific conductance meter No 900103503 Calibration. 1/14 1-98 0937

FTU meter No. 900409105 Calibration. NA

	Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H2O Removed: Gallons	Cum. Vol. of H2O Removed: Casing Vols.	Physical Description of Water
	1431	.39	OVR R	7.65	17.0	0.64	39.40	20	Cloudy
	1435	.49	OVR R	7.85	16.6	0.66	41.37	21	Cloudy
	1439	.49	OVR R	7.70	17.1	0.65	43.34	22	muddy
	1444	.39	OVR R	7.73	17.5	0.65	45.31	23	Cloudy
5-14-92	1015	NA	over	7.65	16.3	0.64	47.28	24	~~Pty Cloudy~~ muddy Red
	1019	.49	over	7.58	15.4	0.63	49.25	25	muddy, Red
	1022	.65	over	7.60	15.0	0.62	51.22	26	muddy, Red
	1024	.98	over	7.64	13.6	0.61	53.19	27	Clearer mud
Pump stop	1033	NA	over	7.67	14.3	0.63	55.16	28	muddy, Red
	1037	.98	over	7.68	13.2	0.63	57.13	29	muddy, Red

Comments. DRY @ 46 gal 1447

~~DRY @~~ 1029 5-14-92 we are Pumping at Rapid Rate to see if it will clean up better.

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2-A

P&L

WELL DEVELOPMENT AND SAMPLING FORM

Recorder s Name and Title RAI Michael Field Tech.

Well ID OB 20271

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development 5-13+14-92

Well designation. _____

Ground elevation. Est _____ Survey _____

Screened interval _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No _____ Calibration. _____

rTU meter No _____ Calibration. _____

See page

Time	Pumping Rat gpm	FTU	pH	T mp. C	S.C. umhos/cm a C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1221	NA	over	7.68	25.0	0.64	59.10	30	muddy Red
1224	.65	over	7.61	15.4	0.62	61.07	31	muddy Red
1227	NA	over	7.62	16.5	0.62	63.04	32	muddy Red
1229	NA	over	7.66	15.6	0.61	65.01	33	muddy Red
1245	NA	over	7.72	17.9	0.62	66.98	34	muddy Red
1247	NA	over	7.62	15.3	0.61	68.95	35	muddy Red
1248	NA	over	7.65	14.0	0.62	70.92	36	muddy Red
Bailer 1309	NA	over	7.66	14.0	0.62	72.89	37	muddy Red
1316	NA	over	7.53	15.0	0.62	74.86	38	muddy Red
1318	NA	over	7.75	13.0	0.61	76.83	39	muddy Red

Comments Pumped DRY after 4 vol in about 8 min Recharge

Recharge 30.98 at 1230 Dry 1249 3 vol. appx 3 min

23.81 at 1240

7.17 x 3 = 21.51

@ 1250

1300 going to Bailer instead of Pump as per conversation w/ Bob Smith

Rech. 29.56
23.66
5.9
17.7

(4011-452)WATER2-2SOP)(02-27-91)

30.98 29.51

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2-A

Pg 5

WELL DEVELOPMENT AND SAMPLING FORM

Recorder s Name and Title Kax michael Field Tech

Well ID 03 20271

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development 5-14-91

Well designation. _____

Ground elevation Est _____ Survey _____

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start. _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No _____ Calibration _____

FTU meter No _____ Calibration. _____

See Page 1

	Time	Pumping Rat gpm	FTU	pH	T mp. C	S.C. umhos/cm a C	Cum. Vol. of H_2O Removed		Physical Description of Water
							Gallons	Casing Vols.	
	1322	NA	over	7.67	12.6	0.62	78.80	40	Muddy - Red
	1327	NA	over	7.77	13.0	0.65	80.77	41	Muddy Red
Pump	1332	NA	over	7.66	18.3	0.65	82.72	42	Muddy - Red
	1335	NA	over	7.69	15.0	0.63	84.71	43	Muddy Red
	1348	NA	over	7.69	17.2	0.67	86.68	44	Tan muddy
	1350	NA	40 over	7.62	15.7	0.64	88.65	45	Cloudy
	1353	NA	over	7.63	14.7	0.63	90.62	46	Cloudy
	1356	NA	over	7.80	14.8	0.65	92.59	47	cloudy
	1413	NA	over	7.63	18.0	0.67	94.56	48	Sl cloudy
	1415	NA	167	7.57	14.1	0.67	96.53	49	Cloudy

Comments Bailed 5 vol no Perceivable Change; Switch to pump 2 vol = Dry pump 8.5 gal DRY again.

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form __A

pr. 6

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Ray Michael Field Tech

Well ID OB 20291

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development 5-L-91

Well designation _____

Ground elevation. Est. _____ Survey --

Screened interval _____ Formation _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No. _____ Calibration _____

FTU mete No _____ Calibration _____

See Page 1

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H2O Removed: Gallons	Cum. Vol. of H2O Removed: Casing Vols.	Physical Description of Water
1419	nA	459	7.63	14.6	0.64	98.50	50	Cloudy
1422	nA	218	7.62	14.6	0.66	100.47	51	Cloudy
Boiler 1444	nA	over	7.61	12.2	0.64	102.44	52	Muddy Red
1448	nA	over	7.65	12.3	0.64	104.41	53	muddy Red
1452	nA	over	7.88	12.8	0.65	106.38	54	muddy Red
1456	nA	over	7.60	11.9	0.66	108.35	55	muddy Red
1501	nA	over	7.85	12.2	0.66	110.32	56	muddy Red
1523	nA	over	7.81	11.9	0.65	112.29	57	Muddy Red
1528	nA	over	7.67	12.3	0.66	114.26	58	muddy Tan
1533	nA	over	7.70	12.1	0.65	116.23	59	muddy Tan

Comments. Pumped dry again at 4 Vol in appx 9 min Recha

2988
23.88
6.00
x 3
18.0 ft

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form A

Pg 7

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Ray Michael Field Tech

Well ID OB 20291

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development 5-14-92

Well designation. _____

Ground elevation. Est. _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start: _____ End: _____

Well depth (below MP) _____ See page 1 Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment. _____

pH meter No 910714159 Calibration. 4.00/7.02 19.1°C Time 0833

Specific conductance meter No 900103503 Calibration. 1.09 18.6°C Time 0833

FTU meter No. 900409105 Calibration. N/A

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1538	NA	over	7.75	12.0	0.65	118.20	60	Muddy Tan
1544	NA	over	7.78	12.6	0.66	120.17	61	Muddy Tan
0907	NA	.23	7.47	13.5	0.66	122.14	62	Clear
0912	NA	over	7.71	12.4	0.65	124.11	63	Muddy Brown (off top stirred)
0918	NA	over	7.68	12.9	0.68	126.08	64	Muddy Brown
0924	NA	over	7.64	13.1	0.65	128.05	65	Muddy Lt Brown
0929	NA	398	7.53	13.4	0.65	130.02	66	Sl muddy Lt Brown
0935	NA	380	7.55	13.3	0.66	132.99	67	Sl. muddy Lt Brown
0940	NA	447	7.59	13.1	0.65	133.96	68	Sl. muddy Lt Brown
0946	NA	350	7.67	13.3	0.65	135.93	69	Sl. muddy Lt Brown

Comments. Water level @ 0850 22.42'

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form __A

PG 8

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title RAY Michael Field Tech

Well ID OB20291

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development 5-13-15-92

Well designation _____

Ground elevation. Est: _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start: _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity). _____

Volume Calculation. _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No.. _____ Calibration. _____

F T U meter No.. _____ Calibration. _____

See Page 1

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H-O Removed		Physical Description of Water
						Gallons	Casing Vols.	
0959	NA	379	743	14 7	0.59	137.90	70	Cldy Hibrnsh gray
1006		346	759	12.5	0.60	139.87	71	" "
1011		419	756	12 8	0.63	141.84	72	" " "
1019		367	7.51	13.0	0.61	143.81	73	" " "
1025		303	752	14 0	0 62	145.78	74	" " "
1031		over	7.60	14.0	0.66	147 75	75	" " "
1036		458	7.66	13.3	0.64	149 72	76	" " "
1043		383	7.68	13.4	0.64	151.69	77	" " "
1050		over	759	15.8	0.66	153.66	78	" " "
1055		334	7.62	15.0	0 66	155.63	79	" " " "

Comments. _____

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form A

PG 9

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Ray Michael Field Tech

Well ID OB 10291

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development 5 15-92

Well designation. _____

Ground elevation. Est. _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation. _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment. _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No.. _____ Calibration. _____

FTU meter No.. _____ Calibration. _____

See Page 1

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H2O Removed: Gallons	Cum. Vol. of H2O Removed: Casing Vols.	Physical Description of Water
1129	N/A	374	7.51	14.1	0.65	157.69	80	Cld, LtBrNGRY
1134		OVER	7.59	13.7	0.64	159.57	81	" " " " "
1140		442	7.63	13.5	0.64	161.54	82	"
1146		OVER	7.63	13.4	0.65	164.51	83	" "
1151		388	2.58	14.1	0.67	166.48	84	" " " "
1152		264	7.61	14.1	0.63	168.45	85	" " "
1313	N/A	over	7.60	25.9	0.69	170.42	86	muddy Brown
1316	N/A	360	7.66	18.0	0.67	172.39	87	Cloudy Tan
1318	N/A	over	7.61	17.5	0.65	174.36	88	muddy Tan
1322	1.2	over	7.62	16.8	0.66	176.33	89	muddy Lt Brown

Pump off
off
1.37

Comments. _____

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form A

PG 10

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Ray Michael Field Tech

Well ID OB 20291

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development 5-15-92

Well designation. _____

Ground elevation. Est. _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) See PG 1

Volume Calculation. _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No. _____ Calibration. _____

FTU meter No. _____ Calibration. _____

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1328	1.2	over	7.61	17.1	0.67	178.30	90	muddy Brown
1330	1.2	over	7.63	16.3	0.69	180.27	91	muddy Brown
1332	1.2	over	7.64	14.9	0.64	182.24	92	muddy Lt Brown
1353	1.2	over	7.63	20.0	0.69	184.21	93	muddy Brown
1356	1.2	over	7.67	17.4	0.65	186.18	94	muddy Lt Brown
1359	1.2	over	7.71	17.2	0.66	188.15	95	muddy Brown
1403	1.2	over	7.62	17.5	0.66	200.12	96	muddy Brown
1405	1.2	over	7.63	16.6	0.67	202.09	97	muddy Brown
1425	1.2	over	7.64	21.9	0.67	204.06	98	muddy
1427	1.2	over	7.70	16.4	0.64	206.03	99	very cloudy

out of water at 184 gal

Comments. DTW at 1334 = 34.35
26.04
10.21 X3 = 30.63 per 30 min

Dewatered 202.30 gal

34.35

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT Form 2_A

Pg 11

WELL DEVELOPMENT AND SAMPLING FORM

Recorder s Name and Title RAY Michael Field Tech

Well ID OB20291

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development 5-15-92

Well designation. _____

Ground elevation. Est _____ Survey _____

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start: _____ End _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No _____ Calibration. _____

F T U meter No _____ Calibration. _____

See page 1

Time	Pumping Rate gpm	FTU	pH	T mp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1430	12	over	7.63	16.1	0.64	208.00	100	maddy
						~~210.~~ 209.97	101	
							102	
							103	
							104	
							105	
							106	
							107	
							108	
							109	

Comments Dewatered at 209 25 Gal @ 1435 Recharge 27 93

8.74 FT Per 30 min. 23.56

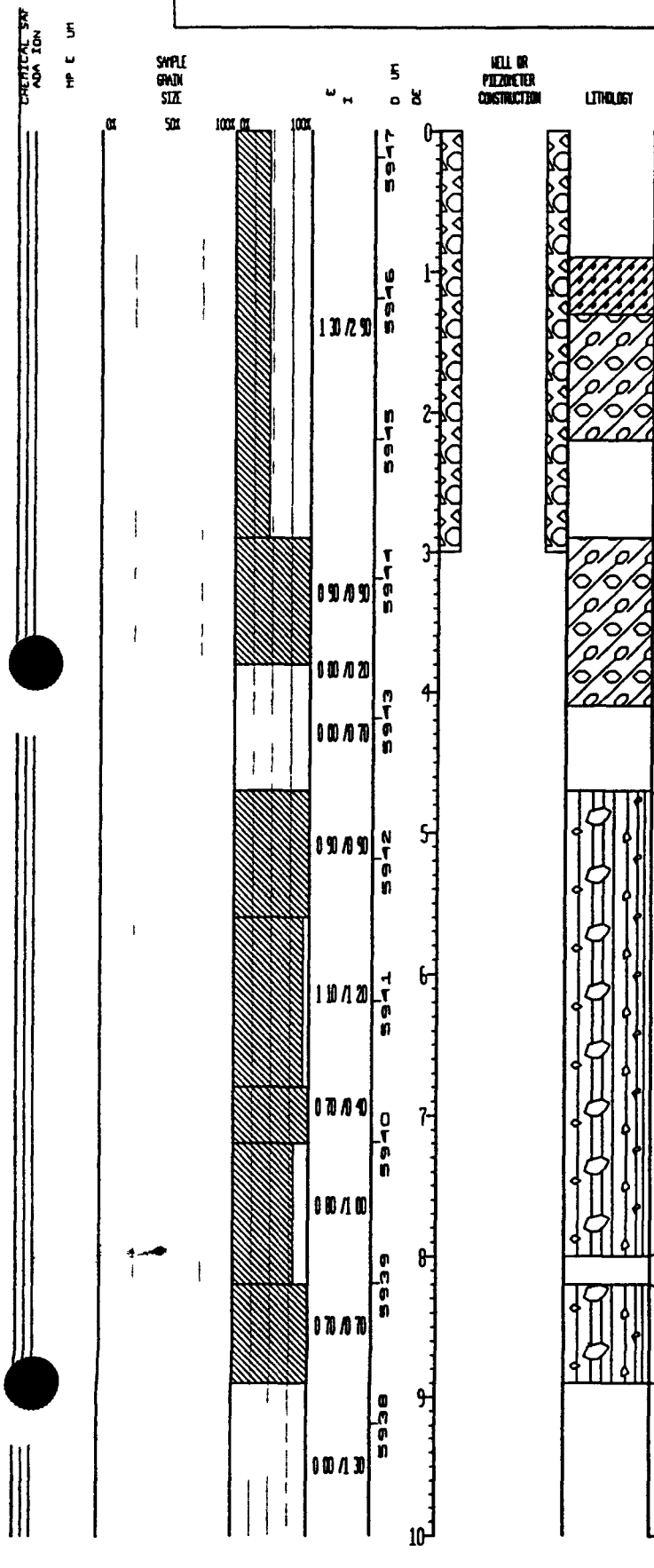
4.37

x2

8.74 FT

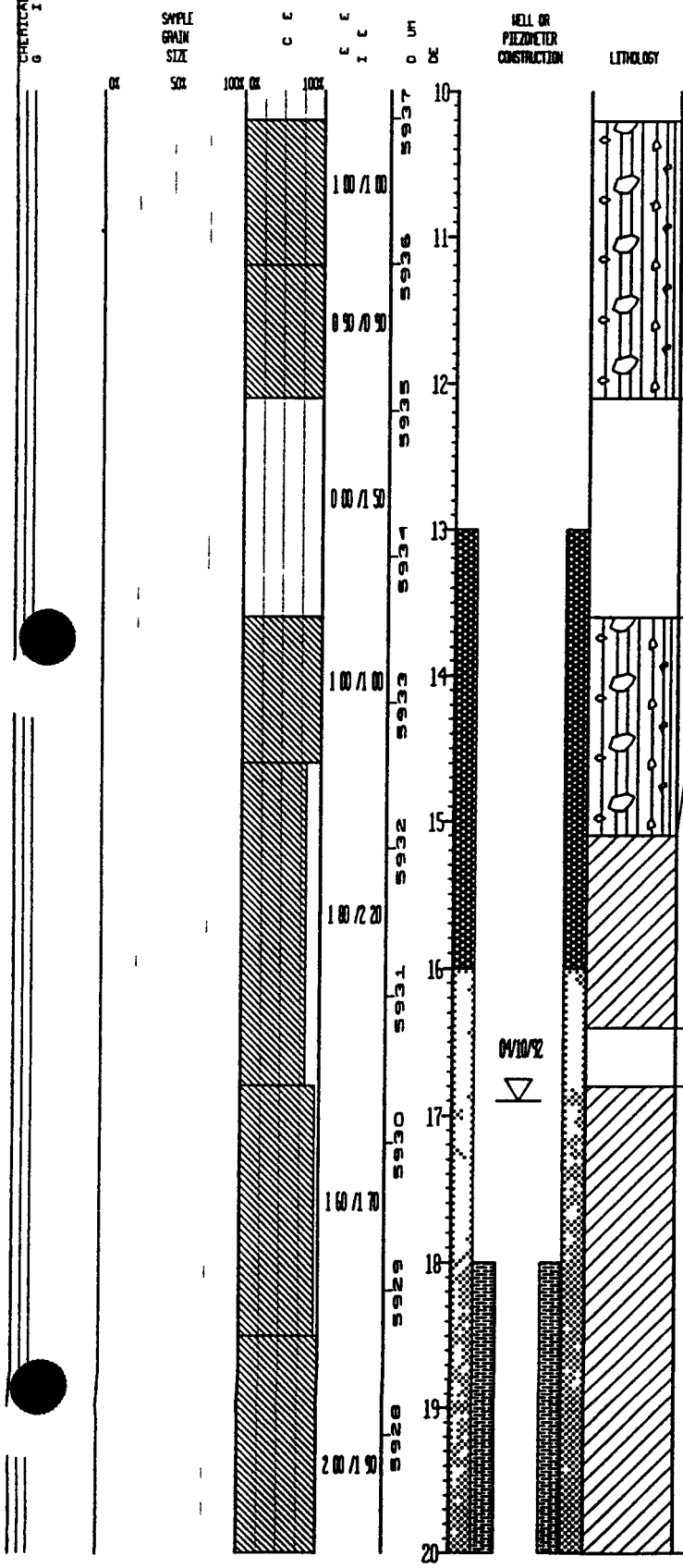
(4011-452)WATER2-2.SOP)(02-27-91)

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 35 6		GROUND ELEVATION (FT)	5947 19	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750244 32	AREA NE TRENCHES		CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20291
EAST	2088146 57	LOCATOR NUMBER	H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/09/92	
REMARKS	HOLLOW-STEM AUGER	BENTONITE SEAL 16 0 FT	13 0 FT					



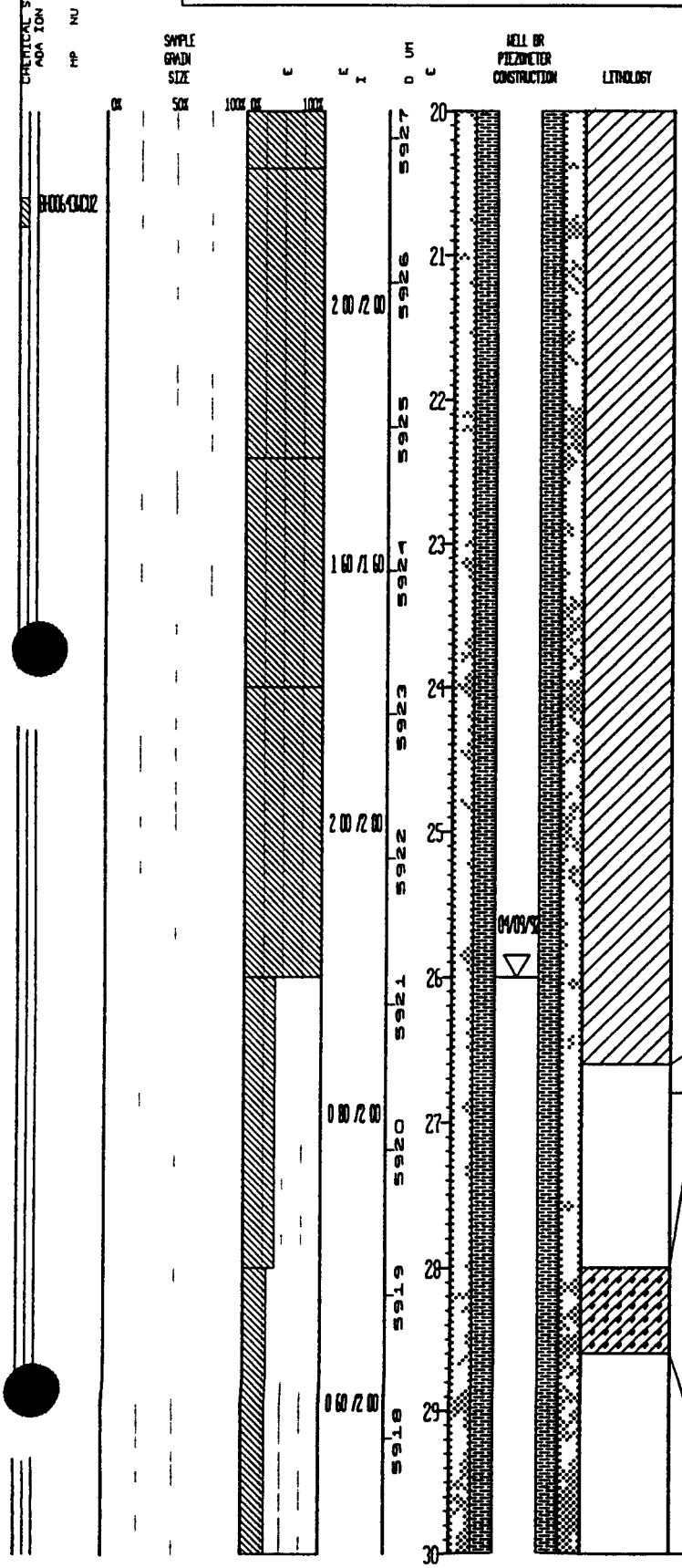
UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	Top soil start of boring at 0 90 ft
SC	Clayey Sand with some silt and gravel grayish brown (5YR3/2) maximum gravel diameter 15 average 07 fine- to medium-grained, poorly graded, sub-rounded to sub-angular low to medium plasticity gravel is primarily quartzite and calcrete sand contains abundant carbonaceous/organic material calcrete/caliche, quartz, some rock fragments feldspar trace mica, no apparent bedding, moist to wet 10% gravel, 42% sand, 20% silt 28% clay
GC	Clayey Gravel with some sand and silt very pale orange (10YR6/2) to pale yellowish brown (10YR6/2) maximum gravel diameter > 25, average 1 fine to coarse-grained sand, well graded, sub-rounded moderate plasticity, gravel is primarily quartzite coated with caliche or iron stain at 3 1, sand contains abundant calcrete/caliche quartz, some rock fragments feldspar trace dark minerals mica, paleosoil horizon at 1 7, moist to wet 32% gravel, 24% sand, 7% silt, 37% clay
	No recovery for this interval
GC	Clayey Gravel with some sand and silt very pale orange (10YR8/2) to pale yellowish brown (10YR6/2), as described above
	No recovery for this interval
GM	Sandy Gravel with some silt and clay light brown (5YR5/6) to moderate brown (5YR4/4) maximum gravel diameter > 25 average 09 fine- to coarse-grained sand, well graded, sub-angular to sub-rounded, low plasticity gravel is primarily quartzite sand contains abundant quartz, some rock fragments feldspar dark minerals iron stain, trace biotite, muscovite increased sand content at 6 0-6 5 14 0-15 1 dry to moist 59% gravel 19% sand 15% silt 7% clay
	No recovery for this interval
GM	Sandy Gravel with some silt and clay light brown (5YR5/6) to moderate brown (5YR4/4) as described above
	No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 35 6	GROUND ELEVATION (FT)	5947 19	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER	
NORTH	750244 32	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20291	
EAST	2088146 57	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/09/92		
REMARKS	HOLLOW-STEM AUGER BENTONITE SEAL 16 0 FT 13 0 FT							



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
GM	Sandy Gravel with some silt and clay light brown (5YR5/6) to moderate brown (5YR4/4) as described above
	No recovery for this interval
GM	Sandy Gravel with some silt and clay light brown (5YR5/6) to moderate brown (5YR4/4) as described above
CL	Sandy Clay with some silt light brown (5YR5/6) to moderate brown (5YR4/4) maximum and average gravel diameter 02 sand is fine- to medium-grained, poorly graded, gravel is rounded, sand is sub-rounded to sub-angular gravel is primarily quartzite sand contains abundant quartz, some rock fragments calcrete feldspar trace mica, pale olive (10Y6/2) sandy clay rip-up clasts throughout, carbonaceous material at 17 8 18 5 19 9-20 4 23 1 23 6 26 5, rounded 07 x 02 iron coated clay rip-up clast at 19 5 increased sand content at 20 4-21 2 thickly laminated at 21 5-22 4 moist at 15 1 26 0 wet to saturated at 26 0-28 0 1% gravel, 42% sand, 12% silt, 45% clay
	No recovery for this interval
CL	Sandy Clay with some silt light brown (5YR5/6) to moderate brown (5YR4/4) as described above

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 35 6		GROUND ELEVATION (FT)	5947 19	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER	
NORTH	750244 32	AREA NE TRENCHES		CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN		
EAST	2088146 57	LOCATOR NUMBER	H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/09/92		20291
REMARKS	HOLLOW-STEM AUGER	BENTONITE SEAL 16 0 FT	13 0 FT						



VOA sample obtained from this interval

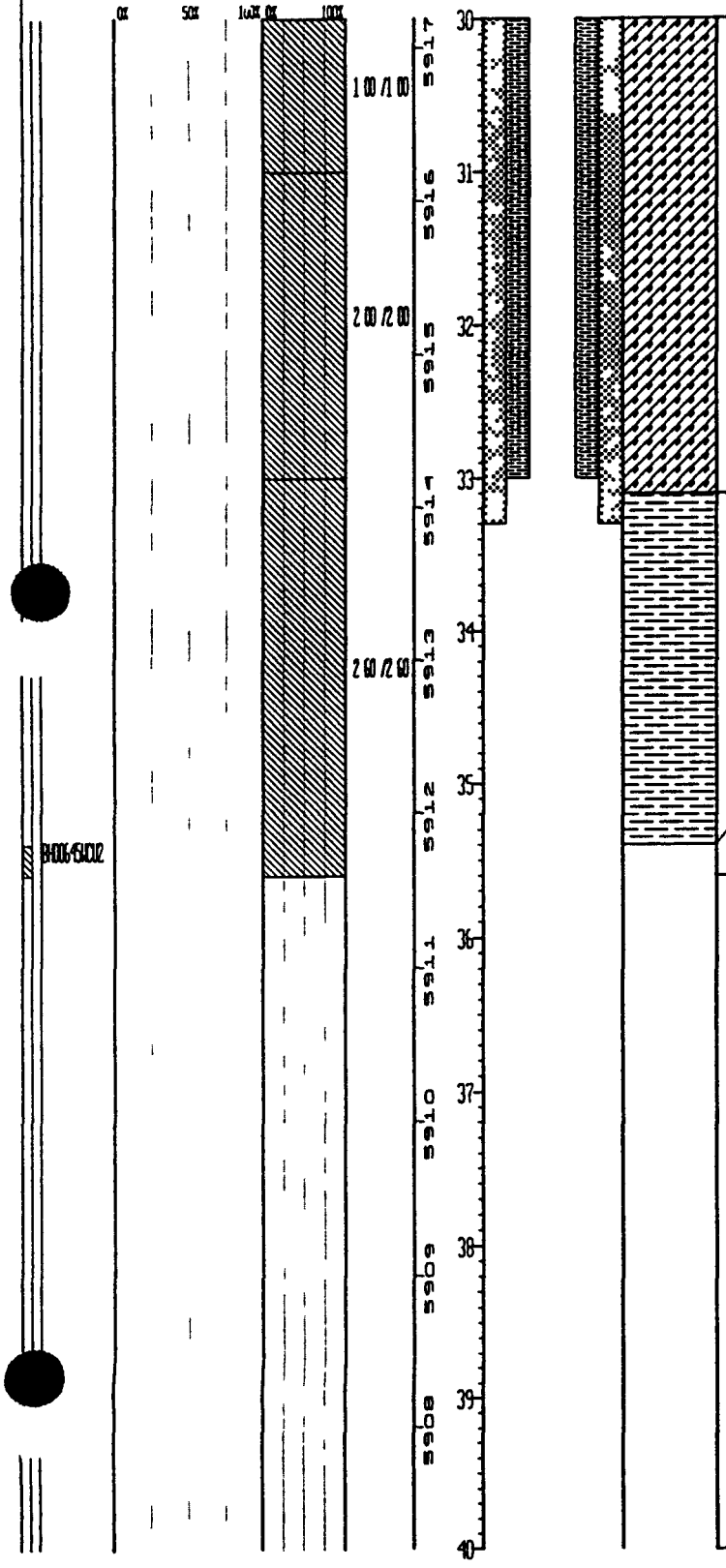
No recovery for this interval

SC/gc — Gravelly Sand with some clay and silt moderate brown (5YR4/4) to moderate brown (5YR3/4) maximum gravel diameter 18, average 04 sand is fine- to coarse-grained, well graded, gravel is rounded, sand is angular to rounded moderate plasticity gravel is primarily quartzite sand contains abundant quartz some rock fragments feldspar trace mica, iron/limonite stain, contact with underlying bedrock is undulating but sharp with well rounded imbricated pebbles at the contact wet to saturated
31% gravel, 36% sand, 9% silt, 24% clay

No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 35 6	GROUND ELEVATION (FT)	5947 19	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750244 32	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20291
EAST	2088146 57	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/09/92	
REMARKS	HOLLOW-STEM AUGER BENTONITE SEAL 16 0 FT 13 0 FT						

CHEMICAL SAP ADA | NUMB | SAMPLE GRAIN SIZE (0% 50% 100%) | ERC E (0% 100%) | I | UM | D | WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
SC/gc	Gravelly Sand with some clay and silt moderate brown (5YR4/4) to moderate brown (5YR3/4) as described above Top of bedrock at 33 1 ft
CLAYSTONE	Claystone with some silt and sand dusky yellow (5Y6/4) very fine- to fine-grained, sub-angular to sub-rounded, approximately 4% porosity argillaceous cement slightly friable abundant quartz, trace dark minerals mottled with carbonaceous material throughout heavily iron stained dark yellowish orange (10YR6/6) bed at 34 0 thin laminea of clay dipping 20 degrees at 35 0 iron nodule at 35 1 wet 7% sand 10% silt 83% clay
	VOA sample obtained from this interval
	Total depth at 35 6 ft

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 76 6	GROUND ELEVATION (FT)	5946 96	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)		GEOLOGIST	J P O BRIEN	20391
EAST	2088140	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	6 5	DATE DRILLED	04/08/92	

REMARKS HOLLOW-STEM AUGER BACKFILL MATERIAL BENTONITE 41 6 FT 76 0 FT

CHEMICAL S

SAMPLE GRAIN SIZE: 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION: 0 70 /3 00; 1 00 /2 00; 0 70 /2 00; 0 80 /2 00; 1 20 /2 00

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	Top soil, start of boring at 0 90 ft
SC	Clayey Sand with abundant gravel and some silt grayish brown (5YR3/2) maximum gravel diameter 21 average 07 fine to coarse grained sand well graded, angular low to medium plasticity gravel is primarily caliche coated quartzite and calcrete sand contains abundant quartz calcret/caliche, some organic/carbonaceous material rock fragments, no apparent bedding, slightly moist 28% gravel, 34% sand, 8% silt, 30% clay
GC	Sandy Gravel with some clay and silt very pale orange (10YR8/2) to grayish orange (10YR7/4), as described below
	No recovery for this interval
GC	Sandy Gravel with some clay and silt very pale orange (10YR8/2) to grayish orange (10YR7/4) maximum gravel diameter 2 average 14 sand is fine to coarse-grained well graded, angular to sub-rounded, low plasticity, gravel is primarily quartzite sand contains abundant calcrete/caliche quartz some rock fragments feldspar trace limonite stain muscovite no apparent bedding, slightly moist to dry 53% gravel, 21% sand, 9% silt, 17% clay
	No recovery for this interval
GC	Sandy Gravel with some clay and silt light brown (5YR6/4) to light brown (5YR5/6) maximum gravel diameter > 25 average 09 sand is fine to coarse grained well graded, angular to sub-rounded low plasticity gravel is primarily quartzite sand contains abundant quartz, some rock fragments feldspar trace dark minerals iron/limonite stain mica, no apparent bedding, dry 42% gravel, 25% sand, 12% silt, 21% clay
	No recovery for this interval
GC	Sandy Gravel with some clay and silt light brown (5YR6/4) to light brown (5YR5/6) as described above
	No recovery for this interval
GC	Sandy Gravel with some clay and silt light brown (5YR6/4) to light brown (5YR5/6) as described above

Depth scale: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Elevation scale: 5946, 5945, 5944, 5943, 5942, 5941, 5940, 5939, 5938, 5937

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 76 6	GROUND ELEVATION (FT)	5946 96	PROJECT NUMBER	OUZRI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)		GEOLOGIST	J P O BRIEN	20391
EAST	2088140	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	6 5	DATE DRILLED	04/08/92	

REMARKS HOLLOW-STEM AUGER BACKFILL MATERIAL BENTONITE 41 6 FT 76 0 FT

CHEMICAL SAMPLE DEPTH
DA I AL
MP NUM

SAMPLE GRAIN SIZE 0% 50% 100%

PE E E OVE 0% 100%

E E I TE AL

DA UM DE

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

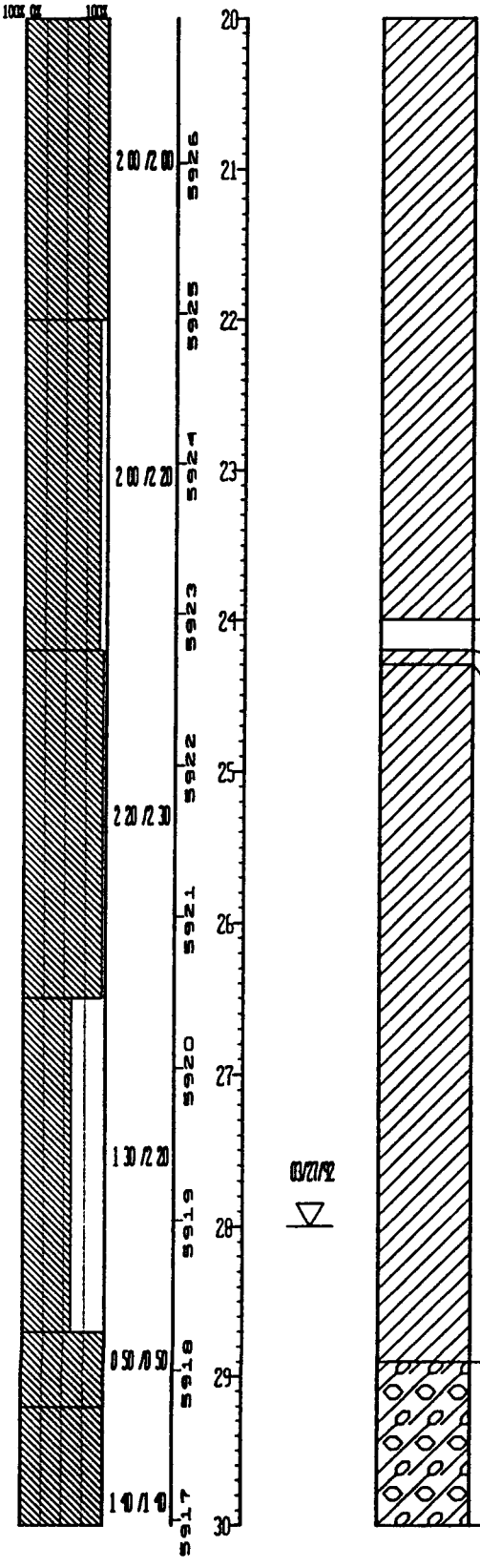
Depth	Elevation	Unified Soils Classification or Rock Type	Description
10			No recovery for this interval
11	5936	GC	Sandy Gravel wiht some clay and silt light brown (5YR6/4) to light brown (5YR5/6), as described above
			No recovery for this interval
12	5935		
13	5934	GC	Sandy Gravel with some clay and silt light brown (5YR6/4) to light brown (5YR5/6) as described above
			No recovery for this interval
14	5933	GC	Sandy Gravel with some clay and silt light brown (5YR6/4) to light brown (5YR5/6) as described above
15	5932		
			No recovery for this interval
16	5931	GC	Sandy Gravel with some clay and silt light brown (5YR6/4) to light brown (5YR5/6), as described above
			No recovery for this interval
17	5930		
18	5929	CL	Silty Clay with some sand light brown (5YR5/6) maximum and average gravel diameter 02 Fine to medium-grained sand, poorly graded, gravel is rounded, sand is angular to sub-rounded, medium plasticity gravel is primarily quartzite, sand contains abundant quartz, some rock fragments kaolinized feldspar feldspar dark minerals mica, carbonaceous material throughout especially heavy at 21 1 thinly laminated to thinly bedded, moist Perched water zone at 22 0-22 7, saturated 2% gravel 8% sand, 23% silt 67% clay
19	5928		
20	5927		

Sample depth scale: 0 1 20 /2 00; 0 20 /2 00; 0 60 /1 00; 1 30 /2 00; 0 40 /2 00; 2 00 /2 00

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 76 6	GROUND ELEVATION (FT)	5946 96	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)		GEOLOGIST	J P O BRIEN	20391
EAST	2088140	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	6 5	DATE DRILLED	04/08/92	

REMARKS HOLLOW-STEM AUGER BACKFILL MATERIAL BENTONITE 41 6 FT 76 0 FT

CHEMICAL SAMPLE AD AL MP E UM | SAMPLE GRAIN SIZE 0% 50% 100% | PE E REC E 0% 100% | E O E I E | DA UM | DE | WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION



Unified Soils Classification or Rock Type	Description
	No recovery for this interval
CL	Silty Clay with some sand light brown (5YR5/6), as described above
CL	Sandy Clay with some silt moderate brown (5YR4/4) maximum gravel diameter 23 at 28 8 average 03 fine- to medium grained sand, poorly graded, sub-angular to rounded, medium plasticity gravel is primarily quartzite with some pale olive (10Y6/2) sandy clay rip-up clasts at 27 5-28 0 and trace weathered granite sand contains abundant quartz, some rock fragments kaolinized feldspar feldspar mica, trace dark minerals carbonaceous material throughout very moist to saturated 2% gravel 35% sand 13% silt 50% clay
GC	Sandy Gravel with some clay and silt light brown (5Y5/6) to moderate brown (5YR3/4) maximum gravel diameter > 25 average 12 sand is fine- to coarse-grained, well graded, gravel is rounded to well rounded, sand is angular to sub-rounded, low plasticity gravel is primarily quartzite with some weathered

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 76 6	GROUND ELEVATION (FT)	5946 96	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)		GEOLOGIST	J P O BRIEN	20391
EAST	2088140	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	6 5	DATE DRILLED	04/08/92	

REMARKS HOLLOW-STEM AUGER BACKFILL MATERIAL BENTONITE 41 6 FT 76 0 FT

CHEMICAL SAT ADA IONAL NUMB

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

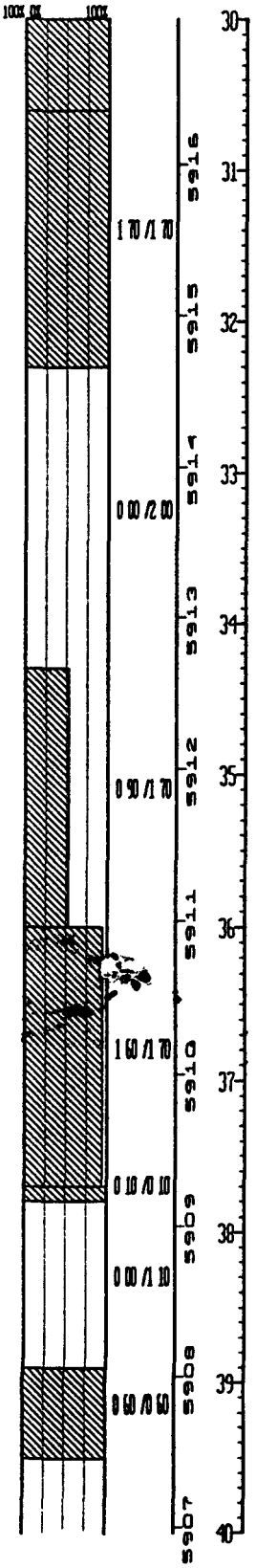
RC E E I D UMC DE

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION



granite at 30 2 and trace very friable weathered dark mafic igneous rock fragment (2 x 2) at 31 8 sand contains abundant quartz, some rock fragments feldspar trace dark minerals kaolinized feldspar mica increased sand content and no gravel at 29 7 29 9 , 30 6 32 0 pale olive (10Y6/2), sandy clay rip-up clasts at 32 1 36 0 contact with underlying bedrock is sharp with pebbles loaded into claystone claystone rip-up clasts 06 x 04 along contact, saturated
49% gravel 24% sand, 11% silt 16% clay

No recovery for this interval

GC — Sandy Gravel with some clay and silt light brown (5Y5/6) to moderate brown (5YR3/4) as described above

No recovery for this interval
Top of bedrock at 36 0 ft

SANDY CLAYSTONE — Sandy Claystone with some silt grayish yellow (5Y8/4) to yellowish gray (5Y7/2) very fine to fine-grained, very well sorted, sub-rounded to rounded, approximately 11% porosity, argillaceous cement moderately to slightly friable abundant frosted quartz trace dark minerals iron stain, thinly laminated few very thin beds iron staining, throughout dry
22% sand, 6% silt 72% clay

No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 76 6	GROUND ELEVATION (FT)	5946 96	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)		GEOLOGIST	J P O BRIEN	20391
EAST	2088140	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	6 5	DATE DRILLED	04/08/92	

REMARKS HOLLOW-STEM AUGER BACKFILL MATERIAL BENTONITE 41 6 FT 76 0 FT

CHEMICAL SAP ADA ON E NU

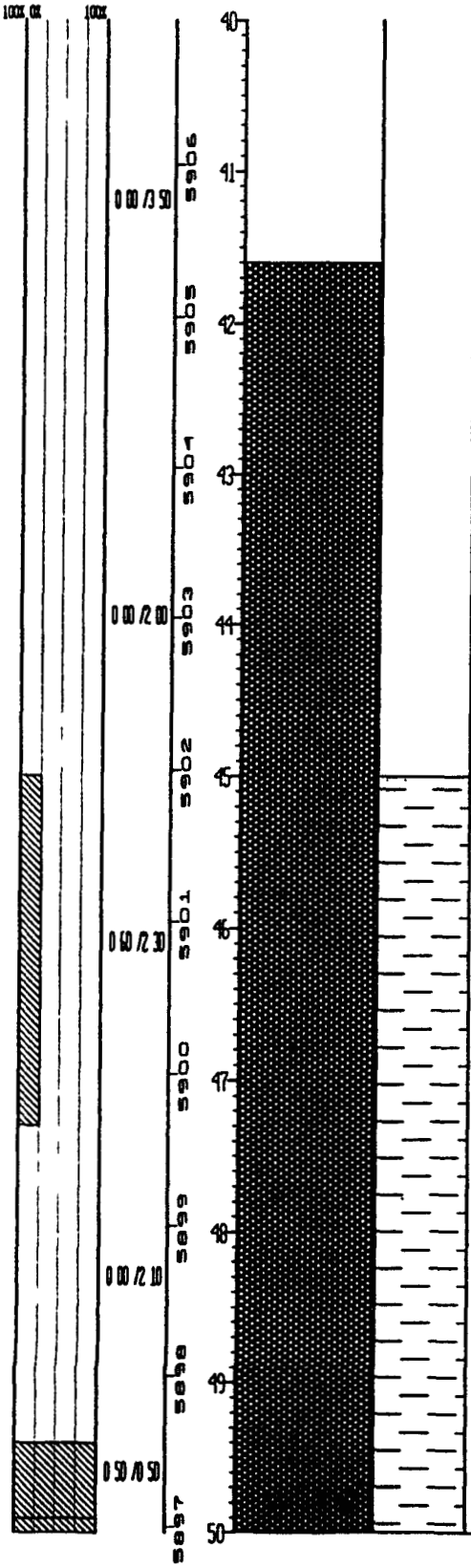
SAMPLE GRAIN SIZE 0% 50% 100% 0% PE ECO E 100% E I E D UM DE T

WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION

0 00 /3 50 | 0 00 /2 00 | 0 60 /2 30 | 0 00 /2 10 | 0 50 /0 50

5906 5905 5904 5903 5902 5901 5900 5899 5898 5897

40 41 42 43 44 45 46 47 48 49 50



CLAYEY SANDSTONE Clayey Sandstone with some silt dusky yellow (5Y6/4), maximum gravel diameter fine- granule and pebble gravel (sluff see rig geologist s log) sand is fine- to very fine-grained, very poorly sorted, sand is angular to well rounded, approximately 20% porosity, argillaceous cement, highly friable sand contains abundant frosted quartz, some rock fragments trace dark minerals, kaolinized feldspar iron/limonite stain, clear quartz carbonaceous material conglomerate at 45 1-45 5 and 49 4-49 6' drilling sluff thinly laminated at 49 7 50 4 trace convolute laminations dry
1% gravel 57% sand 7% silt 35% clay
Note Coarse material gravel is from Alluvium above core barrel was tipped out and hole dry cored at 45 0-49 4

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 76 6	GROUND ELEVATION (FT)	5946 96	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)		GEOLOGIST	J P O BRIEN	20391
EAST	2088140	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	6 5	DATE DRILLED	04/08/92	

REMARKS HOLLOW-STEM AUGER BACKFILL MATERIAL BENTONITE 41 6 FT 76 0 FT

CHEMICAL SAF GRADA IONAL

MP E NUMB

SAMPLE GRAIN SIZE

0% 50% 100% 0% 100%

0 50 /0 50

UM

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION

50 51 52 53 54 55 56 57 58 59 60

5896 5895 5894 5893 5892 5891 5890 5889 5888 5887

No recovery for this interval at 50 4 74 0
This interval was reamed as per instructions from
Robert Smith
Connie Dodge
Eric Dille

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 76 6	GROUND ELEVATION (FT)	5946 96	PROJECT NUMBER	OU2RI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)		GEOLOGIST	J P O BRIEN	20391
EAST	2088140	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	6 5	DATE DRILLED	04/08/92	

REMARKS HOLLOW-STEM AUGER BACKFILL MATERIAL BENTONITE 41 6 FT 76 0 FT

CHEMICAL SAP GR I	MP E NU	SAMPLE GRAIN SIZE 0% 50% 100%	0% 100%	I	TUM	DE	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
					5886	60				
						61				
					5885	62				
					5884	63				
					5883	64				
					5882	65				
					5881	66				
					5880	67				
					5879	68				
					5878	69				
					5877	70				

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 76 6	GROUND ELEVATION (FT)	5946 96	PROJECT NUMBER	002RI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)		GEOLOGIST	J P O BRIEN	20391
EAST	2088140	LOCATOR NUMBER I14	BOREHOLE DIAMETER (IN)	6 5	DATE DRILLED	04/08/92	

REMARKS HOLLOW-STEM AUGER BACKFILL MATERIAL BENTONITE 41 6 FT 76 0 FT

CHEMICAL SAMPLE NUMBER	SAMPLE GRAIN SIZE 0% 50% 100%	RECOVERY 0% 100%	ELEVATION	DEPTH	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
			5946	70				
			5945	71				
			5944	72				
			5943	73				
			5942	74			SANDY CLAYSTONE	Sandy Claystone with some silt medium gray (N5) to dark gray (N3) very fine-grained very well sorted, sub-angular to rounded, approximately 9% porosity argillaceous cement moderately to slightly friable, abundant frosted quartz some dark minerals thinly laminated to thinly bedded, dry 31% sand, 14% silt 55% clay
			5941	75				No recovery for this interval
			5940	76			SANDY CLAYSTONE	Sandy Claystone with some silt medium gray (N5) to dark gray (N3) as described above
			5939	77				Total depth at 76 6 ft
			5938	78				
			5937	79				
			5936	80				

OU2-ALLUVIUM

RFEDS
WELL INSTALLATION FORM

ell Number 0Ø 2Ø491 | Project Number 4ØØ6 EMAD
Old Well No

Area NE Trenches | North or Y 750242 48 | East or X 2088134 94
Purpose GW Plume Characterization / pump testing
Formation Alluvium | Well Status Active
Contractor Woodward-Clyde | Drilling Method Hollow-Stem Auger
Geologist B Edgerly | Locator H 19
Date Drilled 4/10-4/13/92 | Ground Elev 5947 23 ft

Total Depth 32 9 ft | Stick Up -2Ø ft
Depth to Bedrock 31 6 ft | Completed Depth 32 9 ft
Casing Diameter 2 0 in | Borehole Diam 10 0 in

Monitoring Interval 16 6 ft to 31 6 ft
Initial Water Level 27 Ø | Date 4-1Ø-92
Completed Water Level 19 6 ft | Date 4-13 92

Item	From	To	I D	Type
Surface Seal	3 Ø ft	0 0 ft		Concrete
Protective Casin	28 ft	-2 2 ft	6 0 in	Steel
Surface Casing	32 9 ft	-2 [illegible] REL	2 0 in	PVC Sch 40
Secondary Casin	N/A ft	ft	in	N/A
Centralizer	N/A ft		in	N/A
Bentonite Sea	14 6	1Ø 9		Bentonite
Filter Pack	32 1	14 6 ft		16-40 Sand
Volume	[illegible] cu ft			
Screen	31 6	16 6 ft	2 0 in	PVC Sch 40
Slo Size	0 0 in			
Sump	32 9	31 6 ft	2 0 in	PVC Sch 40
Backfill Seal	ASC ~~[illegible]~~ 32 9	32 1		Bentonite
Backfill	N/A	ft		Bentonite
Volume	[illegible] cu ft			

Tech Ch
REL 4-14-92

OU2-ALLUVIUM

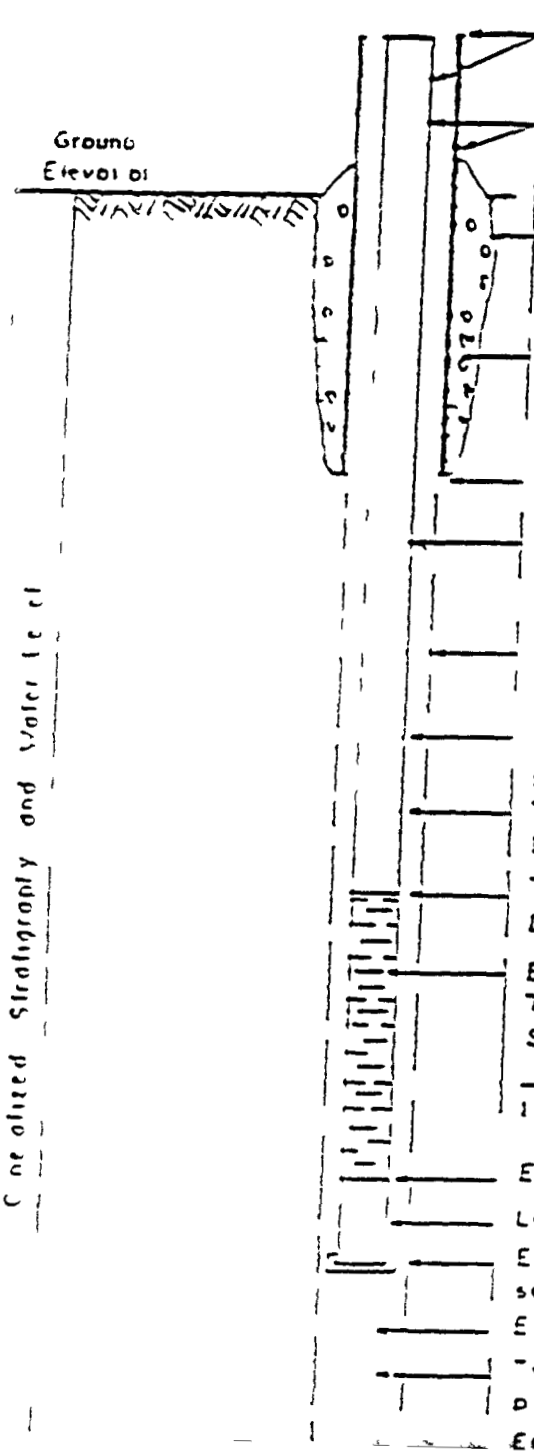
U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT

FORM GT 6A

GROUNDWATER MONITORING WELL AND PIEZOMETER REPORT

PROJECT OU2 RFI/RI Phase II	Page 1 of 1
LOCATION NG Trenches	Well No 0B20491
Date Completed 4-13-92 Original Depth 32.9 ft	Aquifer Alluvium
Inspected By _____ Date _____	
Checked By _____ Date _____	Depth Interval 16.6-31.6

NOTE CENTRALIZER DEPTHS



Elevation of top of surface casing / riser pipe	
Height of top of surface casing / riser pipe above ground surface	-22 / 2.0 ft
Depth of surface seal below ground surface	3.0 ft
Type of surface seal concrete	
I.D. of surface casing	6.0 in
Type of surface casing ~~concrete~~ steel	
Depth of surface casing below ground	28 ft
I.D. of riser pipe	2.0 in
Type of riser pipe sch 40 PVC	
Diameter of borehole	10.0 in
Depth of borehole	32.9 ft
Type of backfill Bentonite grout	
Elev/depth top of seal	10.9 ft
Type of seal Bentonite pellets	
Elev/depth bottom of seal	14.6 ft
Type of filter pack 16-40 silica sand	
Depth of top of filter pack	14.6 ft
Elev/depth top of screened section	16.6 ft
Type of screened section sch 40 PVC	
Screen opening 0.01 in.	
I.D. of screened section	2.0 in
Elev/depth bottom of screened section	31.6 ft
Length of blank section	1.0 ft
Elev/depth bottom of plugged blank section	32.9 ft
Elev/depth bottom of sand column	32.1 ft
Type of backfill below observation pipe ~~Bentonite pellets~~ w/ [illegible] Bentonite	
Elev/depth of hole	32.9 ft

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

PE GA 5-14-92

Form 2-A

PG 1

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Ray Michael - Field Tech

Well ID 0B20491

Survey location coordinates. North n/a East n/a

Date this report 5-13-92 Date well installation 4-13-92 Date well development 5-13-92

Well designation. OB 11-91

Ground elevation. Est. n/a Survey n/a

Screened interval 18.6'-33.6' Formation. n/a

Measuring point (MP) Top of well casing/other ~~22.54+.07=22.61~~ n/a Well stick up ~~2.6~~ 2'

Water level (below MP) Start. 22.54 End. 22.63

Well depth (below MP) ~~22.54+.07=22.61~~ 3508+.07=35.15 Water elevation (BGS) n/a

Method used to measure water level. Solinst Estimated recharge rate

Volume of saturated annulus (assume 30 percent porosity) n/a

Volume Calculation. 35.15-22.54=12.61 x 0.16=2.02

Quantity of water used during drilling: n/a

Depth of sediment (below MP) Before n/a After n/a

Development equipment Grundfos Pump

Sampling equipment n/a

pH meter No 910714159 Calibration. 400/703 16.8°C Time 1006

Specific conductance meter No. 900103503 Calibration 1.14 @ 18.1°C Time 1008

FTU meter No 900409105 Calibration. N/A

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1036	N/A	OVRR	7.61	20.4	0.58	0	0	Muddy Brown
1040	0.50	OVRR	7.42	16.2	0.88	2.02	1	Muddy Brown
1043	0.67	OVRR	7.48	15.4	0.89	4.04	2	Muddy Brown
1046	0.67	OVRR	7.47	15.3	0.78	6.06	3	Muddy Brown
1050	0.50	OVRR	7.51	15.1	0.96	8.08	4	Muddy Brown
1052	1.01	294	7.49	15.0	0.79	10.10	5	Muddy Brown
1054	1.01	OVRR	7.52	15.0	0.97	12.12	6	Muddy Brown
1057	.67	350	7.50	14.5	0.81	14.14	7	Muddy Brown
1100	.67	241	7.48	14.9	0.77	16.16	8	Muddy Brown
1102	1.01	149	7.49	15.4	0.77	18.18	9	Cloudy Brown

Comments.

(4011-452)WATER3-2.SOP)(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form __A

PG 2

Cont

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title RAY Michael Field tech

Well ID ~~OB20291~~ OB20491

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start: _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No.. _____ Calibration. _____

F T U meter No.. _____ Calibration. _____

See Page 1

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H-O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1105	0.67	162	7.48	15.7	0.76	20.20	10	Cloudy Lt Brown
1108	0.67	73	7.44	15.6	0.77	22.22	11	Cloudy Tan
1111	0.67	112	7.49	15.9	0.76	24.24	12	Cloudy Tan
1113	0.67	77	7.46	16.4	0.76	26.26	13	Cloudy Whitish
1116	0.67	78	7.50	16.2	0.76	28.28	14	Cloudy Whitish
1119	0.67	69	7.40	15.5	0.76	30.30	15	Cloudy Whitish
1121	0.67	60	7.49	15.5	0.77	32.32	16	Cloudy Whitish
1124	0.67	34	7.51	15.2	0.77	34.34	17	Cloudy Whitish
1127	0.67	48	7.47	15.6	0.79	36.36	18	Cloudy Whitish
1129	1.01	55	7.47	15.1	0.76	38.38	19	Cloudy Whitish

Comments. _____

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form ___A

PG 3

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title RAY michael Field Tech

Well ID 0B20491

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development ___

Well designation. _____

Ground elevation. Est. _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up ___

Water level (below MP) Start: _____ End. _____

Well depth (below MP) _____ Wate. elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation. _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No.. _____ Calibration. _____

F T U meter No.. _____ Calibration. _____

See Page 4

Time	Pumping Rat gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1133	0.51	52	7.53	14.9	0.77	40.40	20	Cloudy whitish
1136	0.67	71	7.53	15.8	0.77	42.42	21	Cloudy whitish

Comments. _____

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form __A

PG 1

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title RAx Michael Field Tech

Well ID OB 20491

Survey location coordinates. North N/A East N/A

Date this report 5-18-92 Date well installation 4-13-92 Date well development 5-18-92

Well designation. OB well

Ground elevation. Est. N/A Survey N/A

Screened interval. 18.6' – 33.6' Formation. N/A

Measuring point (MP) Top of well casing/other N/A Well stick up 2'

Water level (below MP) Start 22.78 End.

Well depth (below MP) 3508 + 07 = 3515 Water elevation (BGS) N/A

Method used to measure water level. Solinst Estimated recharge rate. 531 gal/30 min

Volume of saturated annulus (assume 30 per cent porosity) N/A

Volume Calculation. 12.37 X 0.16 = 1.98

Quantity of water used during drilling N/A

Depth of sediment (below MP) Before N/A After N/A

Development equipment Grundfos Pump

Sampling equipment. N/A

pH meter No 910714159 Calibration. 4.00 @ 7.02 20.2°C @ Time 0905

Specific conductance meter No. 900103503 Calibration. 1.08 @ 23.0°C Time 0908

FTU meter No. 900409105 Calibration. N/A

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water
0936	NA	over	7.42	24.1	0.79	0	1 0	muddy Brown
0938	0.99	over	7.45	15.8	0.82	1.98	2 1	muddy Brown
0940	0.99	over	7.44	14.9	0.79	3.96	3 2	muddy Brown
0944	0.99	over	7.44	15.6	0.79	5.94	4 3	muddy Brown
0946	0.99	over	7.43	15.3	0.77	7.92	5 4	muddy Brown
0950	0.99	over	7.45	15.6	0.77	9.90	6 5	muddy Brown
0952	0.99	over	7.46	15.1	0.77	11.88	7 6	muddy Brown
0955	0.99	over	7.45	14.9	0.75	13.86	8 7	muddy Brown
0958	0.99	over	7.51	15.7	0.75	15.84	9 8	muddy Brown
1000	0.99	over	7.48	14.9	0.75	17.82	1 9	muddy Brown

Comments.

(4011-452)WATER-2-OP(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form __A

PG 2

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title RAY Michael Field Tech

Well ID OB20491

Survey location coordinates North _____ East _____

Date this report _____ Date well installation _____ Date well development 5-18-92

Well designation _____

Ground elevation Est. _____ Survey --

Screened interval _____ Formation _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End _____

See PG

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate _____

Volume of saturated annulus (assume 30 per cent porosity) _____

Volume Calculation _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment _____

pH meter No _____ Calibration _____

Specific conductance meter No. _____ Calibration _____

FTU meter No. _____ Calibration _____

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water
1004	1.32	Over	7.44	16.0	0.78	19.80	10	muddy Brown
1007	1.32	Over	7.62	15.6	0.75	21.78	11	Muddy Brown
1010	1.32	over	7.46	16.1	0.77	23.76	12	muddy Brown
mP of 1012	1.32	over	7.56	15.0	0.76	25.74	13	muddy Brown
1016	1.32	over	7.52	16.3	0.74	27.72	14	muddy Brown
* 1018	1.32	over	7.48	15.8	0.76	29.70	15	muddy Brown
1022	—	—	—	—	—	31.68	16	" "
1024	—	—	—	—	—	33.66	17	" "
1026	—	—	—	—	—	35.64	18	" "
1027	—	—	—	—	—	37.62	19	" "

Comments *Started taking Parameters every 5 Vol

(4011-452)WATER_2.SOP(03-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form —A

PG 1

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Ray Michael Field Tech

Well ID 0B204911

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 per cent porosity). _____

Volume Calculation. _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment. _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No. _____ Calibration. _____

FTU meter No. _____ Calibration. _____

See Page 1

	Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H2O Removed: Gallons	Cum. Vol. of H2O Removed: Casing Vols.	Physical Description of Water
**	1029	1.32	over	7.45	14.9	0.72	39.6	20	muddy Brown
***	1039	1.58	—			—	41.58	21	muddy Brown
	1040	1.58	—			—	43.56	22	muddy Brown
	1041	1.58	—			—	45.54	23	muddy Brown
	1043	1.58	—			—	47.52	24	muddy Brown
	1044	1.58	over	7.47	15.8	0.71	49.50	25	muddy Lt Brown
OX	1047	1.98	—			—	51.48	26	" "
	1049	1.98	—			—	53.46	27	" " "
	1050	1.98	—			—	55.44	28	" " "
	1051	1.98	—			—	57.42	29	" "

Comments: ** Stopped to refresh & resurge well

*** Refigured Pump rate

OX Pump off

(4011-4521)WATER2-2.SOP(X(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form ___A

PG 4

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title RAy Michael Field Tech

Well ID OB 20491

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey -- _____

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation. _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No. _____ Calibration. _____

FTU meter No. _____ Calibration. _____

See Page 1

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H2O Removed: Gallons	Cum. Vol. of H2O Removed: Casing Vols.	Physical Description of Water
1052	1.9	over	7.48	16.3	0.71	59.40	30	muddy Lt Brown
1055	1.9	—	—	—	—	61.38	31	" " "
1057	1.9	—	—	—	—	63.36	32	" " "
1058	1.8	—	—	—	—	65.34	33	" " "
1059	1.8	—	—	—	0	67.32	34	" " "
1100	1.8	over	7.57	15.0	0.73	69.30	35	" " "
1101	1.8	—	—	—	—	71.28	36	" " "
1102	1.8	—	—	—	—	73.26	37	" " "
1105	1.8	—	—	—	—	75.24	38	
1108	1.8	—	—	—	—	77.22	39	

mp off

Comments. _____

(4011-452)WATER-2-OF(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form __A

PG 5

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title RAY Michael Field Tech

Well ID OB 201491

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey -- _____

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation. _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment. _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No. _____ Calibration. _____

FTU meter No. _____ Calibration. _____

See Page 1

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water
1110	1.62	over	7.47	16.6	0.74	79.20	40	muddy Lt Brown
1111	1.62	—	—	—	—	81.18	41	" " "
1113	1.62	—	—	—	—	83.16	42	" " "
1114	1.62	—	—	—	—	85.14	43	" " "
1115	1.8	—	—	—	—	87.12	44	" " "
1117	1.8	over	7.50	16.2	0.73	89.10	45	" " "
1134	NA	—	—	—	—	91.08	46	muddy Lt Brown
1135	1.77	—	—	—	—	93.06	47	" " "
1136	1.77	—	—	—	—	95.04	48	" "
1137	1.77	—	—	—	—	97.02	49	" "

Comments. _____

(4011-452)WATER2-2.OF)(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form A

P66

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title RAY Michael Field Tech

Well ID ~~OB04~~ OB2091

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey -- _____

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level. _____ Estimated recharge rate. _____

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation. _____

Quantity of water used during drilling: _____

Depth of sediment (below MP) Before _____ After _____

Development equipment. _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No. _____ Calibration. _____

FTU meter No. _____ Calibration. _____

See Page 1

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H2O Removed: Gallons	Cum. Vol. of H2O Removed: Casing Vols.	Physical Description of Water
1138	1.77	over	7.42	15.7	0.70	99.0	50	muddy Lt Brown
1140	1.77	"	—	—	—	100.98	51	" " "
1145	1.32	"	—	—	—	102.96	52	" " "
1146	1.66		—	—	—	104.94	53	" " "
1147	1.66	"	—	—	~~0.74~~	106.92	54	" " "
1148	1.66	"	7.53	15.4	0.74	108.90	55	" " "
1149	1.66	—	—	—	—	110.88	56	" " "
1151	1.66	—	—	—	—	112.86	57	" " "
1153	1.66	—	—	—	—	114.84	58	" " "
1154	1.66	—	—	—	—	116.86	59	" " "

Comments. _____

(4011-452)WATER-2-OPX(02-27-91)

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form A

PG7

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Ray Michael Field Tech

Well ID CB 20491

Survey location coordinates. North _____ East _____

Date this report _____ Date well installation _____ Date well development _____

Well designation. _____

Ground elevation. Est. _____ Survey --

Screened interval. _____ Formation. _____

Measuring point (MP) Top of well casing/other _____ Well stick up _____

Water level (below MP) Start _____ End. _____

Well depth (below MP) _____ Water elevation (BGS) _____

Method used to measure water level _____ Estimated recharge rate. _____

See PG 1

Volume of saturated annulus (assume 30 percent porosity) _____

Volume Calculation. _____

Quantity of water used during drilling _____

Depth of sediment (below MP) Before _____ After _____

Development equipment. _____

Sampling equipment. _____

pH meter No _____ Calibration. _____

Specific conductance meter No. _____ Calibration. _____

FTU meter No. _____ Calibration. _____

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
1155	1.66	283	7.52	16.8	0.745	118.84	60	Cloudy white
1157	1.66					120.82	61	" "
1159	1.66					122.80	62	" "
1200	1.66					124.78	63	" "
1202	1.58					126.76	64	"
1203	1.58	99	7.48	15.6	0.75	128.74	65	" "
* 1206						130.72	66	
						132.70	67	
						134.68	68	
						136.66	69	

Comments. Check Recharge Rate @ 1208 5.31 Ft Per 30 min

25.25
23.48
1.77 =
5.31

(4011-4521)WATER-2.OF)(03-27-91)

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 32 9	GROUND ELEVATION (FT)	5947 23	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20491
EAST	2088134	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/10/92	

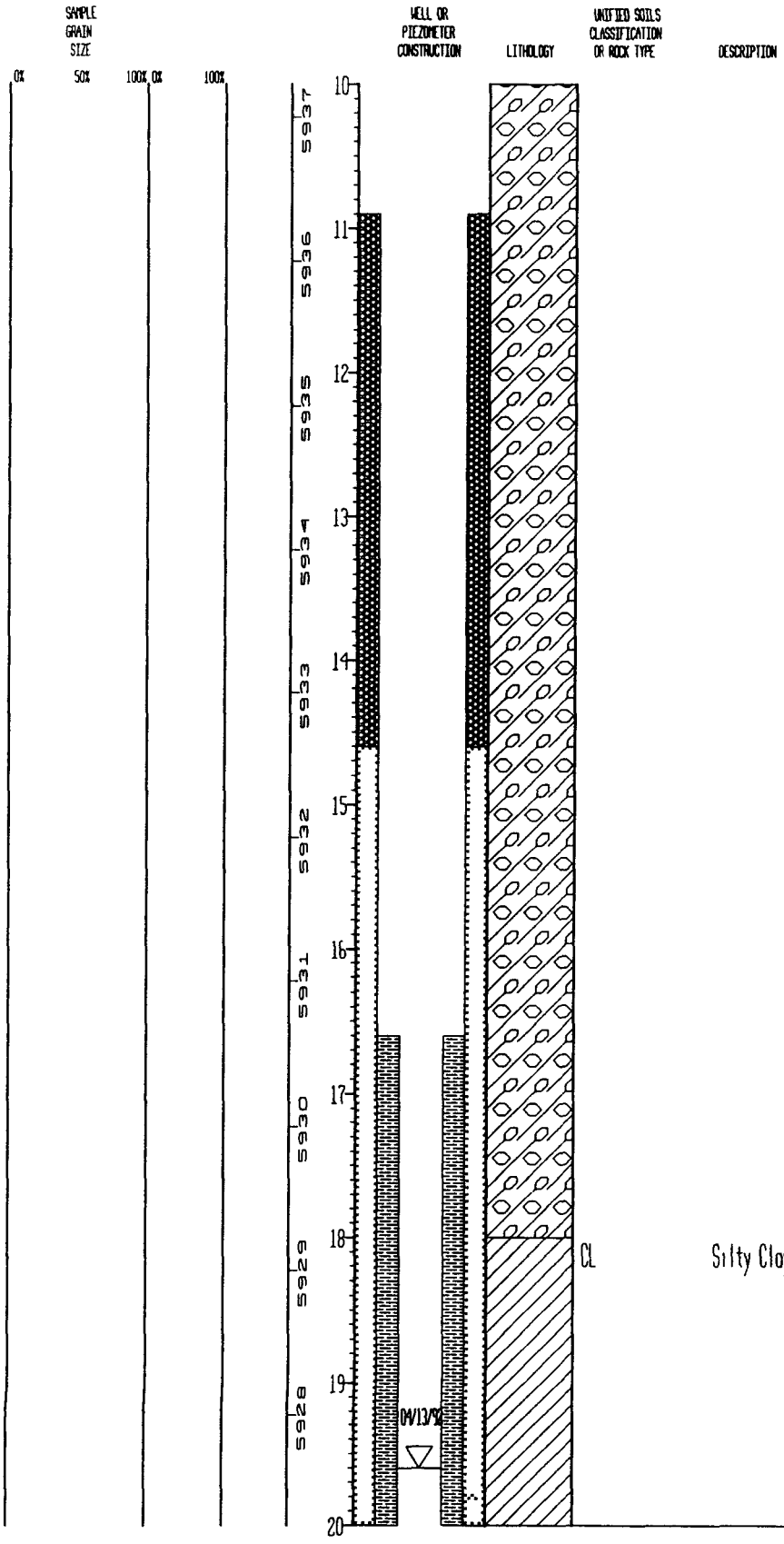
REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 14 6 FT 10 9 FT
WELL 20491 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20391

CHEMICAL SAMPLE DEPTH

SAMPLE GRAIN SIZE 0% 50% 100%	0% 100%	ELEVATION	DEPTH	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
		5947	0				
			1			SC	Clayey Sand with abundant gravel and some silt
		5946				GC	Sandy Gravel with some clay and silt
			2				
		5945					
			3				
		5944					
			4				
		5943					
			5			GC	Sandy Gravel with some clay and silt
		5942					
			6				
		5941					
			7				
		5940					
			8				
		5939					
			9				
		5938					
			10				

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 32 9	GROUND ELEVATION (FT)	5947 23	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20491
EAST	2088134	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/10/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 14 6 FT 10 9 FT
WELL 20491 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20391

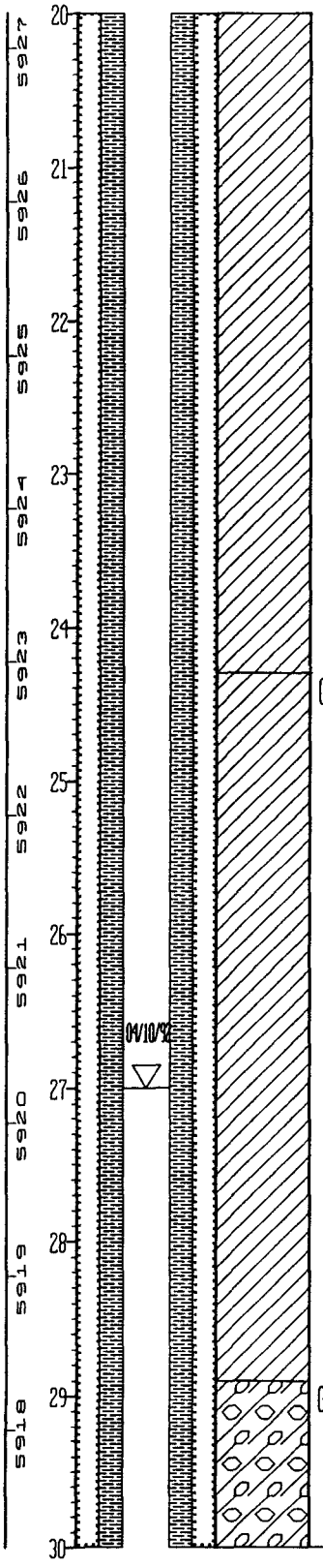


STATE PLANE COORDINATE		TOTAL DEPTH (FT) 32 9	GROUND ELEVATION (FT)	5947 23	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20491
EAST	2088134	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/10/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 14 6 FT 10 9 FT
WELL 20491 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20391

CHEMICAL SAMPLE DEPTH

SAMPLE GRAIN SIZE: 0% 50% 100% 0% 100%



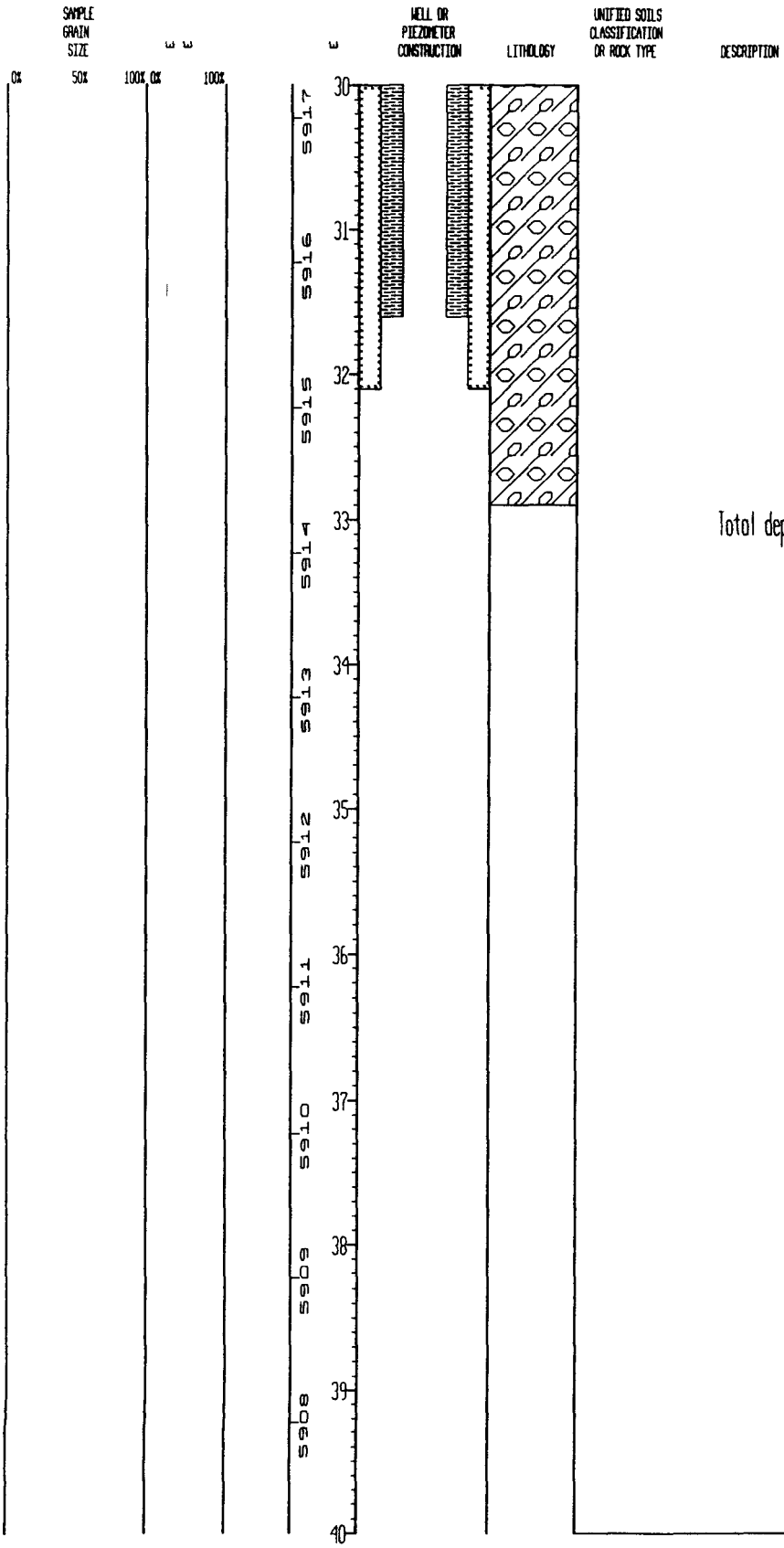
UNIFIED SOILS CLASSIFICATION OR ROCK TYPE — DESCRIPTION

CL — Sandy Clay with some silt

GC — Sandy Gravel with some clay and silt

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 32 9	GROUND ELEVATION (FT)	5947 23	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750242	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20491
EAST	2088134	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/10/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 14 6 FT 10 9 FT
WELL 20491 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20391



Total depth at 32 9 ft

OU2-ALLUVIUM

RFEDS
WELL INSTALLATION FORM

Well Number OB 21191 | Project Number EMAD
Old Well No

Area N E Trenches | North or Y 750251 90 | East or X 2088153 07
Purpose GW Plume Characterization
Formation Arapahoe Fm | Well Status Active
Contractor Woodward-Clyde | Drilling Method Hollow-Stem Auger
Geologist PMH | Locator H 14
Date Drilled 4/13/92 | Ground Elev 5946 85 ft

Total Depth 58 ft | Stick Up -2 ~~0~~ ft
Depth to Bedrock 31 7 ft | Completed Depth 58.0 ft
Casing Diameter 2 0 in | Borehole Diam 10 0 in

Monitoring Interval 57 8 ft to 35 8 ft
Initial Water Level 26 ~~8~~ REL ~~[illegible]~~ ft | Date ~~4/15/92~~ 4-14-92
Completed Water Level 17 2 ft | Date 4/15/92

Item		From	To	D	Type
Surface Seal		3 ~~0~~ ft	~~0~~ ~~0~~ ft		Concrete
Protective Casing		28	-22 ft	6 0 in	Steel
Surface Casing		51 8 ft	-2 ~~0~~ ft	2 0 in	PVC Sch 40
Secondary Casing	N/A		ft	in	N/A
Centralizer	N/A	ft	ft	in	N/A
Bentonite Seal		29 ~~0~~ ft	25 5 ft		Bentonite
Filter Pack		58 ~~0~~ ft	29 ~~0~~ ft		16-40 Sand
Volume	15 0 cu ft				
Screen		57 8 ft	35 8 ft	2 0 in	PVC Sch 40
Slot Size	0 01 in				
Sump		58 ~~0~~	57 8 ft	2 0 in	PVC Sch 40
Backfill Seal		—	— ft		Bentonite
Backfill		—	— ft		Bentonite
Volume	(cu				

Tour CK
REL 4-16-92

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT

FORM GT.6A

GROUNDWATER MONITORING WELL AND PIEZOMETER REPORT

PROJECT OU2 RFI/RI Phase II

LOCATION NE Trenches

Date Completed 4-15 92 Original Depth 58.0

Inspected By _____ Date _____

Checked By _____ Date _____

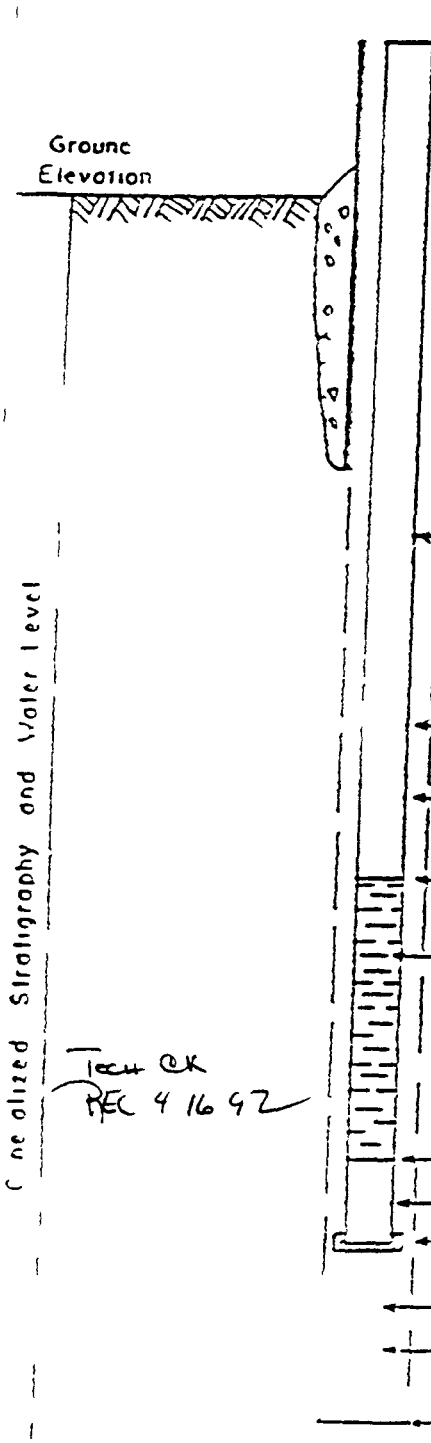
Page 1 of 1

Well No OB21191

Aquifer Arapahoe Fm

Depth Interval 35.8 - 57.8

NOTE CENTRALIZER DEPTHS



Elevation of top of surface casing / riser pipe	
Height of top of surface casing / riser pipe above ground surface	-22/2 Ø ft
Depth of surface seal below ground surface	3 Ø ft
Type of surface seal concrete	
ID of surface casing	6 Ø"
Type of surface casing steel	
Depth of surface casing below ground	28 ft
ID of riser pipe	2 Ø"
Type of riser pipe PVC sch 40	
Diameter of borehole	10.Ø"
Depth of borehole	58
Type of backfill bentonite grout	
Elev/depth top of seal	25 5
Type of seal bentonite pellets	
Elev/depth bottom of seal	29 Ø
Type of filter pack 16-40 silica sand	
Depth of top of filter pack	29 Ø
Elev/depth top of screened section	35 8
Type of screened section PVC sch 40	
Screen openings Ø.Ø10	
ID of screened section	2 Ø"
Elev/depth bottom of screened section	57 8
Length of blank section	Ø.2'
Elev/depth bottom of plugged blank section	58 Ø
Elev/depth bottom of sand column	58 Ø
Type of backfill below observation pipe N/A	
Elev/depth of hole	58 Ø

Tech ck
REC 4 16 92

WELL DEVELOPMENT AND SAMPLING FORM

Recorder's Name and Title Ray Michael Field Tech

Well ID OB21191

Survey location coordinates. North N/A East N/A

Date this report 5-18-92 Date well installation 4-15-92 Date well development 5-18-92

Well designation. OB well

Ground elevation. Est. N/A Survey -N/A

Screened interval. 37.8-59.8 Formation. N/A

Measuring point (MP) Top of well casing/other N/A Well stick up 2'

Water level (below MP) Start: 22 90 End. N/A

Well depth (below MP) 60.09 + .07 = 60.16 Water elevation (BGS) NA

Method used to measure water level. Solinst Estimated recharge rate 51 54/30 min

Volume of saturated annulus (assume 30 percent porosity) NA

Volume Calculation. 60.16 - 22.90 = 37.26 X .16 = 5.96 = 6.0 Gal per Vol 5 9

Quantity of water used during drilling: N/A

Depth of sediment (below MP) Before N/A After N/A

Development equipment. Grundfos Pump

Sampling equipment. N/A

pH meter No 910714159 Calibration. 400/702 @ 20 °C Time 0905

Specific conductance meter No. 900103503 Calibration. 1 09 @ 23 C°C Time 0908

FTU meter No. 900409105 Calibration. N/A

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H2O Removed: Gallons	Cum. Vol. of H2O Removed: Casing Vols.	Physical Description of Water
1334	NA	over	7.78	26.7	0.66	0	0	Dark Grey
1343	NA	over	7.55	19.5	0.56	5 96	1	Grey Brown
1357	.43	2.77	7.52	19.4	0.55	11 92	2	Grey
1425	NA	over	7.50	17.1	0.55	17.88	3	Brown
1444	95	over	7.55	17.2	0.53	23 84	4	Green Grey
							5	
							6	
							7	
							8	
							9	

Comments. Initial Reading may not be accurate due to PH meter screen going Black Due to heat & Immediate reading was not obtained (5-7 min)

Dewatered at 1429 202 Gal

Dewatered at 25.84 Gal

Dewatered at 29 25

5450
3732
17.18x3-

30 min Recharge rate = 51 54

(4011-452)WATER-2.SOP(02-27-91)

Page 1

WELL DEVELOPMENT AND SAMPLING FORM

Recorder s Name and Title Jan Jarrett - Field Tech

Well ID OB21191

Survey location coordinates. North N/A East N/A

Date this report 05 12-92 Date well installation 4 15-92 Date well development 5-12-92

Well designation. OBWell

Ground elevation Est N/A Survey N/A

Screened interval 378 - 59.8 Formation. N/A

Measuring point (MP) Top of well casing/other N/A Well stick up 2'

Water level (below MP) Start. 2219 End. N/A

Well depth (below MP) 6010 + 07 = 6017 Water elevation (BGS) N/A

Method used to measure water level Solinst Estimated recharge rate 18 99/3min

Volume of saturated annulus (assume 30 percent porosity) N/A

Volume Calculation 6017 - 2219 = 3798 x 016 = 608

Quantity of water used during drilling: N/A

Depth of sediment (below MP) Before N/A After N/A

Development equipment Grundfos Pump

Sampling equipment N/A

pH meter No 910714159 Calibration 4.00/7.03 16.2° Time 0838

Specific conductance meter No 900103503 Calibration 111 17.1° Time 0835

FTU mete No 900409105 Calibration. N/A

Time	Pumping Rat gpm	FTU	pH	T mp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed		Physical Description of Water
						Gallons	Casing Vols.	
0858	43	over range	736	10.7	0.48	Ø	Ø	Muddy
0912	43	over range	768	12.5	0.50	6.08	1	Lt Brown
1122	45	over range	768	14.7	0.47	12.16	2	Cloudy
1230	55	411	778	15.9	0.48	18.24	3	Clearer
1241	55	over range	772	15.4	0.52	24.32	4	Clearer
1330	—	428	770	16.3	0.53	30.40	5	Lt Brown

Comments Well dry @ 98 gal Time 0921 Wait for recharge
52.76 @ 0929 Well dry @ 16.85 Time 1130
46.43 @ 0939 Well dry @ 25.45 Time 1241
Volume 101 Well dry @ 33.25 Time 1345

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

GA PG DC CT sample

Form ___A

WELL DEVELOPMENT AND SAMPLING FORM

5-14-92 ~~page 2~~

Recorder's Name and Title JAN JARRETT - Field Tech

Well ID OB21191

Survey location coordinates North n/a East n/a

Date this report 05-12-92 Date well installation 4 15 92 Date well development 5-12-92

Well designation. OBwell

Ground elevation. Est. n/a Survey -- n/a

Screened interval. 378 - 598 Formation. n/a

Measuring point (MP) Top of well casing/other n/a Well stick up 2'

Water level (below MP) Start. 22 19 + 07 = 22 26 End. n/a

Well depth (below MP) 6010 Water elevation (BGS) n/a

Method used to measure water level. SOLINST Estimated recharge rate. 1899/30 min

Volume of saturated annulus (assume 30 percent porosity) n/a

Volume Calculation 6010 - 22 26 - 37.84 x 0 16 = 6 05

Quantity of water used during drilling: n/a

Depth of sediment (below MP) Before n/a After n/a

Development equipment GRUNDFOS PUMP

Sampling equipment. n/a

pH meter No 910714159 Calibration. 4 00/7.03 16.2° Time 0838

Specific conductance meter No 900103503 Calibration 1.11 17.1° Time 0835

FTU meter No 900409105 Calibration. N/A

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm at C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water
0858	~~2 31~~ 43	over range	7 36	10.7	0 48	Ø	Ø	Muddy
0912	~~2.31~~ 43	over range	7 68	12 5	0 50	6.05	1	Light brown
1122	45	over range	7 68	14 7	0 47	12 10	2	Cloudy
1230	55	411	7 78	15 9	0 48	18 15	3	Clearer
1241	55	over range	7.72	15 4	0.52	24 20	4	Clearer
1330		428	7 70	16 3	0 53	30 25	5	Light brown
						36 30	6	
						~~42 35~~	~~7~~	
						48 40	8	
						54 45	9	

Comments. Well dry @ 9 8 gal Time 0921 - Wait for recharge

5 2 76 @ 0929

4 6 43 @ 0939 Well dry @ 16.85 Time 1130 Wait for recharge

Volume 1 01 Well dry @ ~~2520~~ 2545 Time 1241

Well dry @ 33 25 Time 1345

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U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT Form 2.A

QA-PG 5-4-92

WELL DEVELOPMENT AND SAMPLING FORM

Page 1

Recorder s Name and Title JAN JARRETT

Well ID 21191 OB

Survey location coordinates North N/A East N/A

Date this report 05-05-92 Date well installation 4 15-92 Date well development not done

Well designation. ALM11

Ground elevation Est N/A Survey N/A

Screened interval 37 8' - 59 8' Formation. N/A

Measuring point (MP) Top of well casing/other N/A Well stick up 2Ø

Water level (below MP) Start. 22 08 End. N/A

Well depth (below MP) 59 88 Water elevation (BGS) N/A

Method used to measure water level SOUNST Estimated recharge rate N/A

Volume of saturated annulus (assume 30 percent porosity) N/A

Volume Calculation 59 88 - 22 08 = 37 80 x 0 16 = 6 05

Quantity of water used during drilling: N/A

Depth of sediment (below MP) Before N/A After N/A

Development equipment Grundfos pump

Sampling equipment N/A

pH meter No 910714159 Calibration 4 00/7 04 14 4° Time 0930

Specific conductance meter No 900103503 Calibration. 1 12 15 5° Time 0931

FTU meter No 900409105 Calibration. N/A

Time	Pumping Rat gpm	FTU	pH	T mp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed Gallons	Casing Vols.	Physical Description of Water
1132	*	over range	7.55	20 9	0 49	Ø	Ø	light brown
1157	180	over range	774	20 4	0 49	6.05	1	thick brown
						12 10	2	
						18 15	3	
						24.20	4	
						30 25	5	
						36 30	6	
						42 35	7	
						48 40	8	
						54 45	9	

Comments Pumped well dry @ 11 44 - waiting for recharge until 11 54 and 5 8 gal - Parameter 1 - water sitting in hose 12 15 - 12 45 recharge. Recharge water levels

56 92 Time 1325 55 73 Time 1335 Volume - 0.19

Well not developed per Bob Smith @ 1300

(4011-452)WATER2-2.SOP)(02-27-91)

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 58 0	GROUND ELEVATION (FT)	5946 85	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750251	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21191
EAST	2088133	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/13/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 29 0 FT 25 5 FT

WELL 21191 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20091

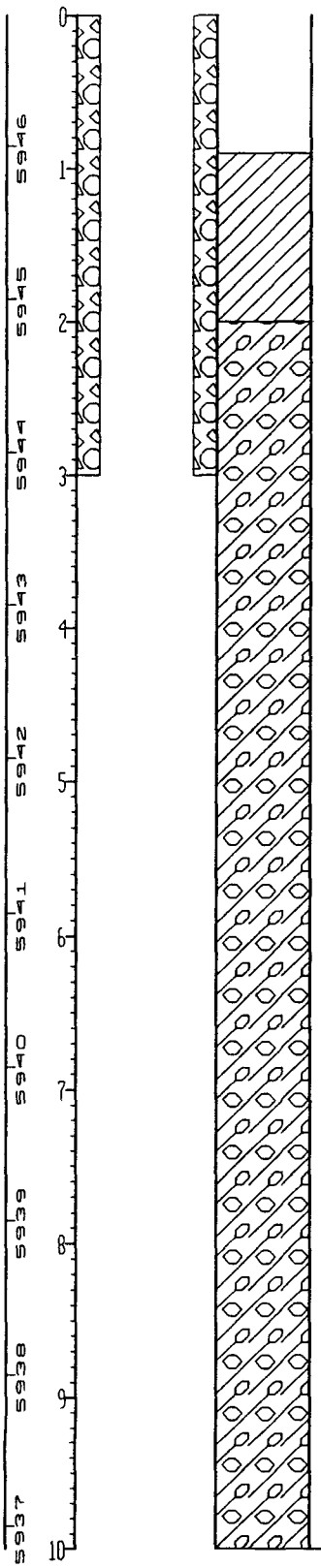
CHEMICAL SA[illegible]PTH

SAMPLE GRAIN SIZE

0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
CL	Gravelly Clay with some silt and sand
GC	Clayey Gravel with some sand and silt

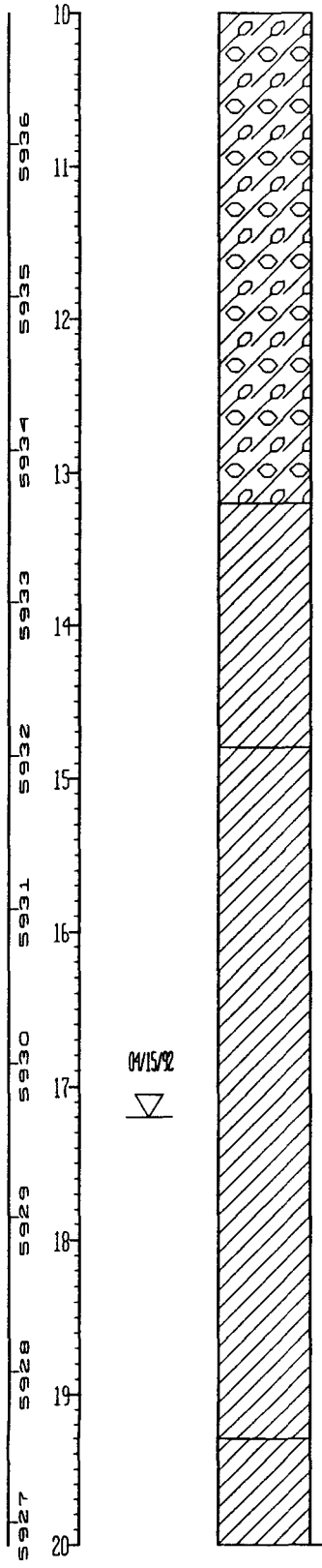
STATE PLANE COORDINATE		TOTAL DEPTH (FT) 58 0	GROUND ELEVATION (FT)	5946 85	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	750251	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21191
EAST	2088133	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/13/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 29 0 FT 25 5 FT
WELL 21191 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20091

CHEMICAL SAMPLE DEPTH

SAMPLE GRAIN SIZE: 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION: 04/15/92



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
CL	Sandy Clay with some silt
CL	Sandy Clay with some silt
CL	Sandy Clay with some silt

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 58 0	GROUND ELEVATION (FT)	5946 85	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	750251	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21191
EAST	2088133	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/13/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 29 0 FT 25 5 FT
WELL 21191 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20091

CHEMICAL SAMPLE

DEPTH	SAMPLE GRAIN SIZE (0% 50% 100% 0% 100%)	ELEVATION	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
20						
21		5926			SC	Clayey Sand with some silt
22		5925				
23		5924			CL /sc	Clayey Sand with some silt
24		5923				
25		5922			CL	Sandy Clay with some silt
26		5921	04/14/92 ▽			
27		5920			GC	Sandy Gravel with some clay and silt
28		5919				
29		5918				
30		5917				

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 58 0	GROUND ELEVATION (FT) 5946 85	PROJECT NUMBER 002/RI	LOG OF BORING NUMBER
NORTH	750251	AREA NE TRENCHES	CASING DIAMETER (IN) 2 0	GEOLOGIST J P O BRIEN	21191
EAST	2088133	LOCATOR NUMBER H14	BOREHOLE DIAMETER (IN) 10 0	DATE DRILLED 04/13/92	

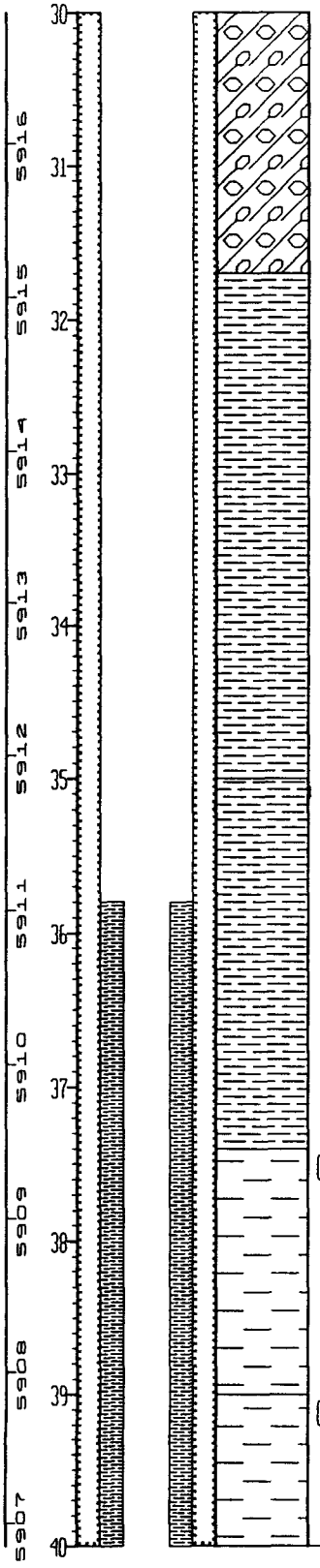
REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 29 0 FT 25 5 FT
WELL 21191 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20091

CHEMICAL SAMPLE DEPTH

SAMPLE GRAIN SIZE: 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
CLAYSTONE	Claystone with some sand
CLAYSTONE	Claystone with some silt
CLAYEY SANDSTONE	Clayey Sandstone with some silt
CLAYEY SANDSTONE	Clayey Sandstone with some silt

STATE PLANE COORDINATE		TOTAL DEPTH (FT)	58 0	GROUND ELEVATION (FT)	5946 85	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	50251	AREA	NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21191
EAST	2088133	LOCATOR NUMBER	H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/13/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 29 0 FT 25 5 FT

WELL 21191 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20091

CHEMICAL SA[illegible] DEPTH

SAMPLE GRAIN SIZE

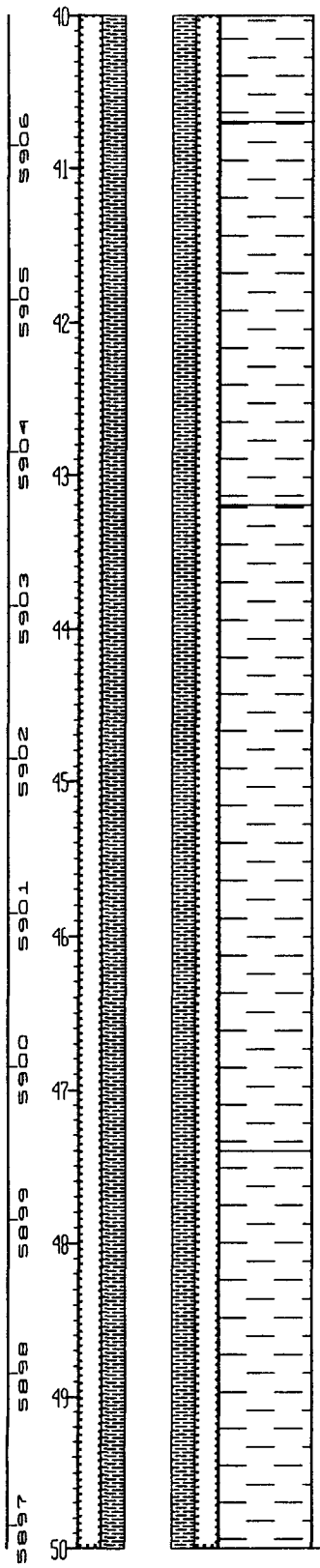
0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION



CLAYEY SANDSTONE Clayey Sandstone with some silt

CLAYEY SANDSTONE Clayey Sandstone with some silt

CLAYEY SANDSTONE Clayey Sandstone with some silt

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 58 0		GROUND ELEVATION (FT)	5946 85	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER	
NORTH	750251	AREA NE TRENCHES		CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	21191	
EAST	2088133	LOCATOR NUMBER	H14	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/13/92		

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 29 0 FT 25 5 FT

WELL 21191 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20091

CHEMICAL SAMPLE DEPTH

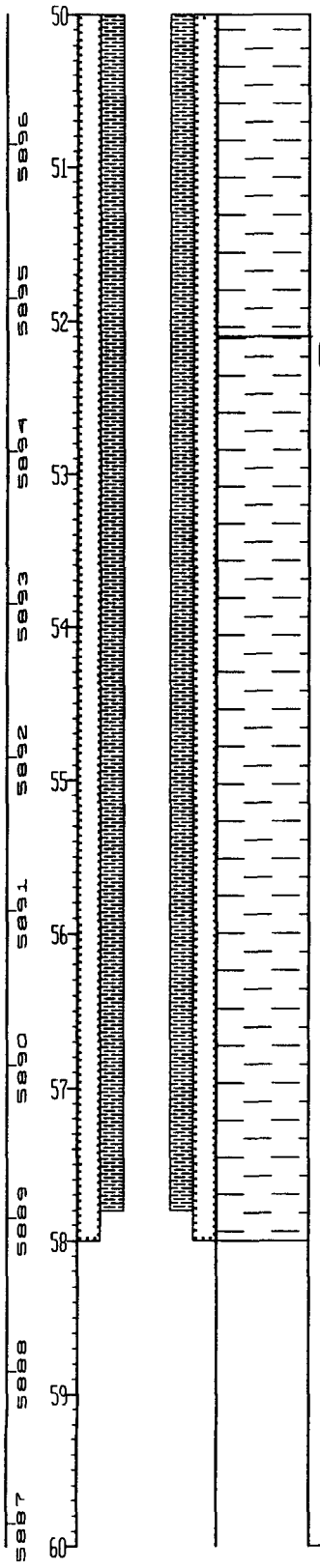
SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION



CLAYEY SANDSTONE Clayey Sandstone with some silt

Total depth at 58 0 ft

OU2-ALLUVIUM

RFEDS
WELL INSTALLATION FORM

Well Number 0B2Ø591 Project Number 4Ø06EMAD
Old Well No

Area NE Trenches North or Y East or X
Purpose GW Plume Characterization / Pump Testing
Formation Alluvium Well Status Active
Contractor Woodward-Clyde Drilling Method Hollow-Stem Auger
Geologist B Edgerly Locator H13
Date Drilled 4-2 & 4-3-92 Ground Elev 5,967 56 ft

Total Depth 246 ft Stick Up -2Ø ft
Depth to Bedrock 242 ft Completed Depth 246 ft
Casing Diameter 2 0 in Borehole Diam 10 0 in

Monitoring Interval 241 ft to 41 ft
Initial Water Level 16Ø ft Date 4-2-92
Completed Water Level 64 ft Date 4-3-92

Item	From	To	I D	Type
Surface Seal	16 ft	ØØ ft		Concrete
Protective Casing	28 ft	-22 ft	6 0 in	Steel
Surface Casing	246 ft	20 ft	2 0 in	PVC Sch 40
Secondary Casing	N/A ft	ft	in	N/A
Centralizer	N/A ft	ft	in	N/A
Bentonite Seal	36 ft	Ø6 ft		Bentonite
Filter Pack	246 f	36 f		16-40 Sand
Volume	11Ø cu ft			
Screen	241 ft	41 ft	2 0 in	PVC Sch 40
Slot Size	0 01 in			
Sump	246 ft	241 ft	2 0 in	PVC Sch 40
Backfill Seal	N/A ft	ft		Bentonite
Backfill	N/A ft	ft		Bentonite
Volume	N/A cu ft			

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RBL 4-6-92

OU2-ALLUVIUM

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT

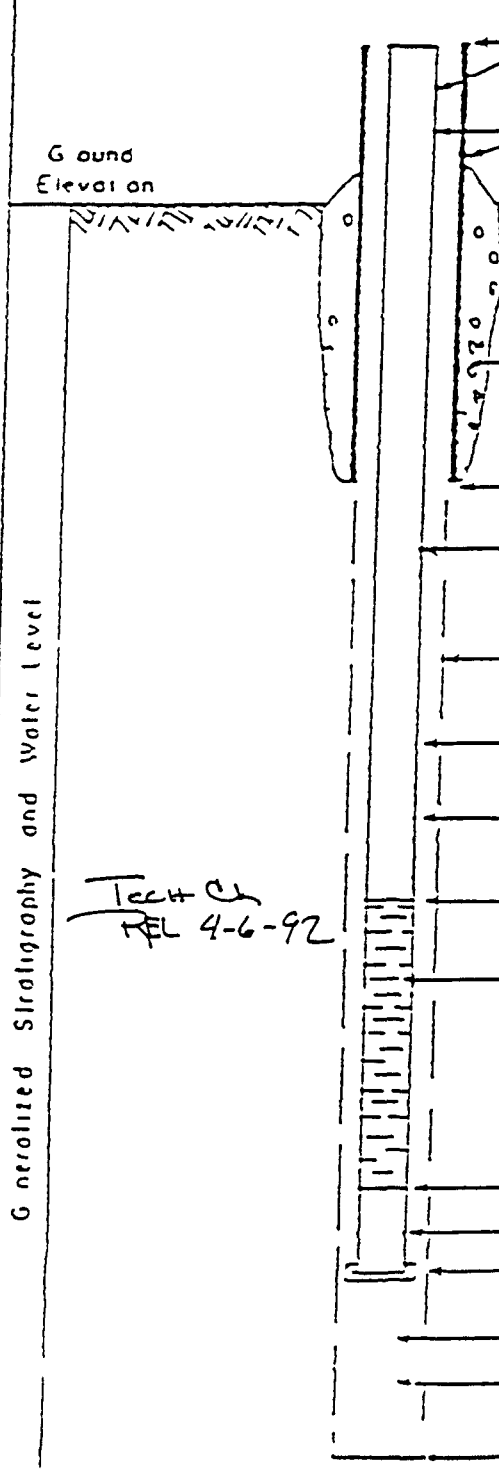
FORM GT 6A

GROUNDWATER MONITORING WELL AND PIEZOMETER REPORT

PROJECT: OU2 RFI/RI Phase II
LOCATION: NE Trenches
Date Completed: 4-3-92 Original Depth: 246 ft
Inspected By: _____ Date: _____
Checked By: _____ Date: _____

Page 1 of 1
Well No: OB2Ø591
Aquifer: Alluvium
Depth Interval: 41-241 ft

NOTE CENTRALIZER DEPTHS



Elevation of top of surface casing / riser pipe	_____
Height of top of surface casing / riser pipe above ground surface	-22/2Ø ft
Depth of surface seal below ground surface	16 ft
Type of surface seal: Concrete	
ID of surface casing	6.Ø in.
Type of surface casing: Steel	
Depth of surface casing below ground	28 ft
ID of riser pipe	2 Ø in
Type of riser pipe: Sch 4Ø PVC	
Diameter of borehole	1Ø Ø in
Depth of borehole	246 ft.
Type of backfill: N/A	
Elev/depth top of seal	Ø Ø ft.
Type of seal: Bentonite	
Elev/depth bottom of seal	36 ft.
Type of filter pack: 16-40 Silica sand	
Depth of top of filter pack	36 ft.
Elev/depth top of screened section	41 ft
Type of screened section: Sch 4Ø PVC	
Screen openings: Ø Ø1 in.	
ID of screened section	2.Ø in
Elev/depth bottom of screened section	241 ft.
Length of blank section	Ø 5 ft
Elev/depth bottom of plugged blank section	246 ft
Elev/depth bottom of sand column	246 ft.
Type of backfill below observation pipe: N/A	
Elev/depth of bottom	246 ft.

Tech Ch
REL 4-6-92

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form ___A

WELL DEVELOPMENT AND SAMPLING FORM

Don't sample

Recorder's Name and Title Patty E Goodman

Well ID OB 20591

Survey location coordinates North n/a East n/a

Date this report 4-10-92 Date well installation 4-3-92 Date well development 4-10-92

Well designation. ALMW

Ground elevation. Est. n/a Survey n/a

Screened interval 61 → 261 Formation. n/a

Measuring point (MP) Top of well casing/other n/a Well stick up 2'

Water level (below MP) Start: 8 40 End. 26 44+0 28 = 26 72

Well depth (below MP) 26 40+0 28 = 26 68 Water elevation (BGS) n/a

Method used to measure water level. Solinst Estimated recharge rate n/a

Volume of saturated annulus (assume 30 percent porosity) n/a

Volume Calculation. 26 68 - 8 40 - 18 28 x 0 16 = 2 92

Quantity of water used during drilling: n/a

Depth of sediment (below MP) Before n/a After n/a

Development equipment Grundfos Pump

Sampling equipment n/a

pH meter No 910714159 Calibration. 4 00/16 7° - 7 04/16 8°

Specific conductance meter No 90403503 Calibration 1 00 - 17 1°

FTU meter No 960409105 Calibration. n/a

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water
1420	na	~~over~~ over	8 00	232	0 30	0	0	very silty
1427	0 41	over	7 96	16 5	0 43	2 92	1	clearer yellowish
1437	0 29	over	7 58	16 7	0 55	5 84	2	clearer
1443	0 48	over	7 70	17 3	0 56	8 76	3	Silty - Dk Brown
1501	0 16	336	7 79	20 2	0 59	11 68	4	clearer - yellowish
1513	0 24	110	7 75	19 8	0 58	14 60	5	clearer

Comments: cleaned up pretty good

(4011-452)WATER3-2.SOP)(02-27-91)

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 24 6	GROUND ELEVATION (FT)	5968 01	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	749596	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20591
EAST	2086850	LOCATOR NUMBER H13	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/02/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 3 6 FT 0 0 FT
WELL 20591 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20791

CHEMICAL SAMPLES

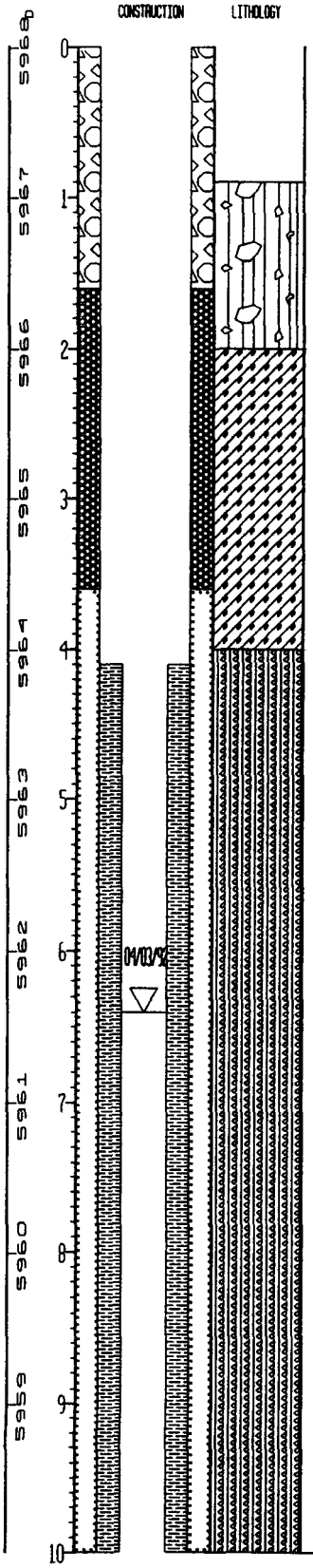
SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE

DESCRIPTION



GM Sandy Gravel with some silt

SC Gravelly Sand with abundant clay/clayey sand with abundant gravel

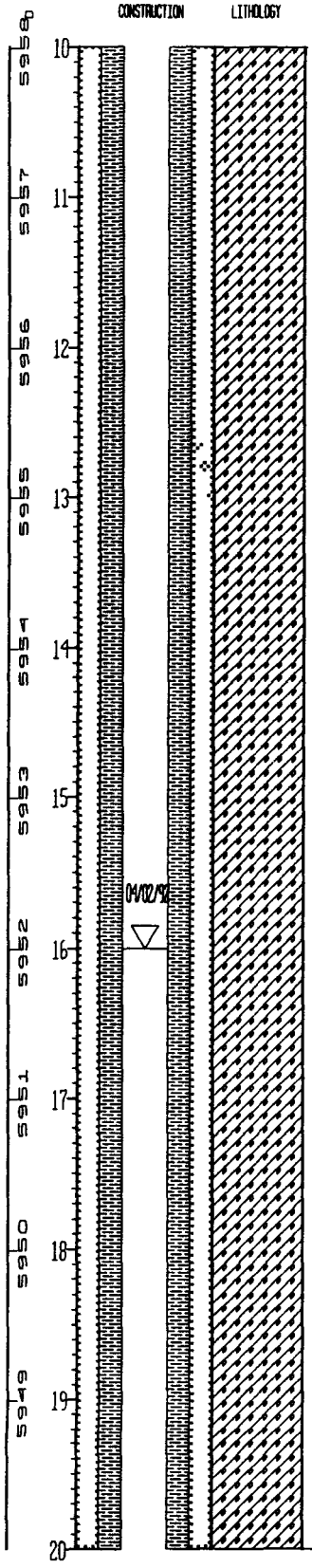
SM/gm Gravelly Sand with some silt and clay

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 24 6	GROUND ELEVATION (FT)	5968 01	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	749596	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20591
EAST	2086850	LOCATOR NUMBER H13	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/02/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 3 6 FT 0 0 FT
WELL 20591 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20791

CHEMICAL SAMPLE DEPTH

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%

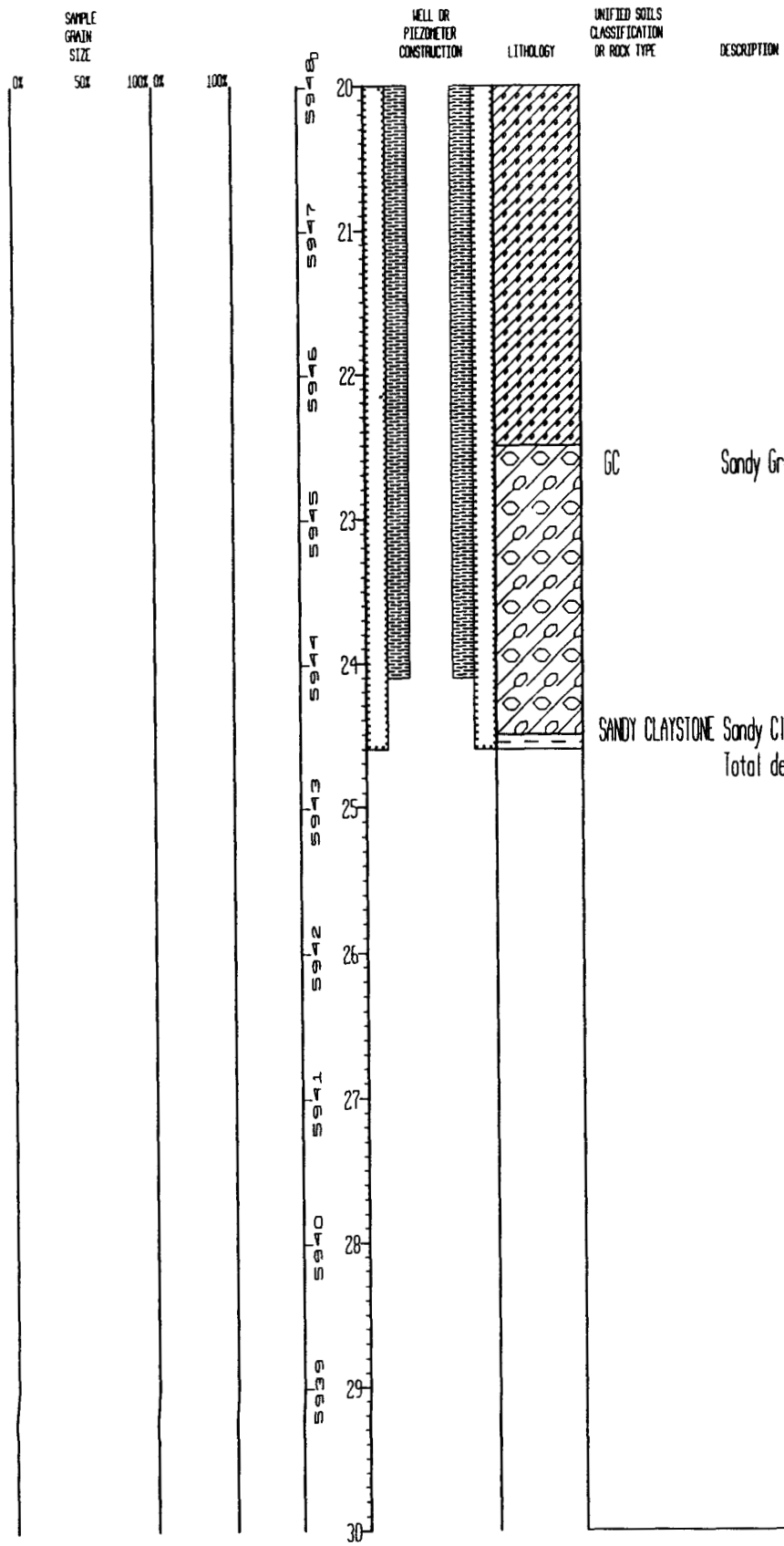


UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
SC	Gravelly Sand with some clay and silt

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 24 6	GROUND ELEVATION (FT)	5968 01	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	749596	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20591
EAST	2086850	LOCATOR NUMBER H13	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/02/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 3 6 FT 0 0 FT

WELL 20591 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20791



GC Sandy Gravel with some clay and silt

SANDY CLAYSTONE Sandy Claystone
Total depth at 24 6 ft

OU2-ALLUVIUM

137

RFEDS
WELL INSTALLATION FORM

Well Number PW20691 | Project Number 4006 EMAD
Old Well No

Area NG Trenches | North or Y | East or X
Purpose GW Plume Characterization / Pump testing
Formation Alluvium | Well Status Active
Contractor Woodward-Clyde | Drilling Method Hollow-Stem Auger
Geologist B Edgerly | Locator H13
Date Drilled 4 1 92 | Ground Elev 5967.59 ft

Total Depth 25 8 ft | Stick Up ~~5~~ -20 ft
Depth to Bedrock 24 5 ft | Completed Depth 25 0 ft
Casing Diameter 2 0 in | Borehole Diam 10 0 in

Monitoring Interval 4 5 ft to 24 5 ft
Initial Water Level 15 0 ft | Date 4-1 92
Completed Water Level 6 0 ft | Date 4 2-92

Item	From	To	I D	Type
Surface Seal	1 8 ft	0 0 ft		Concrete
Protective Casing	2 8 ft	-2 2 ft	6 0 in	Steel
Surface Casing	25 0 ft	-2 0 ft	2 0 in	PVC Sch 40
Secondary Casing	N/A ft	ft	in	N/A
Centralizer	~~N/A~~ 15 0 ft	14 0 ft	in	N/A
Bentonite Seal	3 8 ft	0 0 ft		Bentonite
Filter Pack	25 0 ft	~~4 0~~ 3 8 ft		16-40 Sand
Volume	11 0 cu ft			
Screen	24 5 ft	4 5 ft	2 0 in	PVC Sch 40
Slot Size	0 01 in			
Sump	25 0 ft	24 5 ft	2 0 in	PVC Sch 40
Backfill Seal	N/A ft	NA ft		Bentonite
Backfill	25 8 ft	25 0 ft		Bentonite
Volume	0 4 cu ft			

Touch
REL 4-6 92

215 C SU
+ 6 PAD
275
2' 3½"

OU2-ALLUVIUM

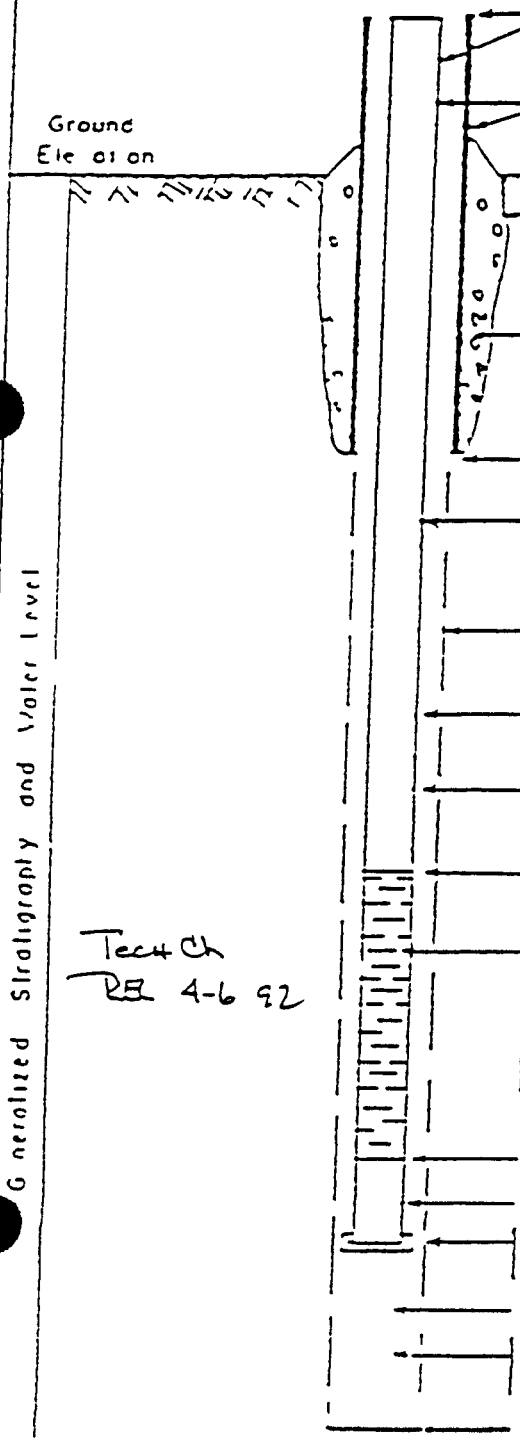
U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT

FORM GT 6A

GROUNDWATER MONITORING WELL AND PIEZOMETER REPORT

PROJECT: OU2 Phase II RFI/RI	Page 1 of 1
LOCATION: NE Trenches	Well No. PW20691
Date Completed: 4-2-92 Original Depth: 258 ft	Aquifer: Alluvium
Inspected By: Date:	
Checked By: Date:	Depth Interval: 45-245 ft

NOTE CENTRALIZER DEPTHS



Tech Ch
RE 4-6 92

Elevation of top of surface casing / riser pipe	
Height of top of surface casing / riser pipe above ground surface	-22/-20 ft
Depth of surface seal below ground surface	18 ft
Type of surface seal: Concrete	
I.D. of surface casing	6 0 in
Type of surface casing: steel	
Depth of surface casing below ground	28 ft
I.D. of riser pipe	2 0 in
Type of riser pipe: PVC sch 40	
Diameter of borehole	10 0 in
Depth of borehole	25 8 ft
Type of backfill: Bentonite	
Elev./depth top of seal	0 0 ft
Type of seal: Bentonite	
Elev./depth bottom of seal	3 3 ft
Type of filter pack: 16 40 s/in sand	3 8 ft
Depth of top of filter pack	4.0 ft
Elev./depth top of screened section	4.5 ft
Type of screened section: PVC sch. 40	
Screen openings: 0 01 in.	
I.D. of screened section	2 0 in
Elev./depth bottom of screened section	245 ft
Length of blank section	0 5 ft
Elev./depth bottom of plugged blank section	25 0 ft
Elev./depth bottom of sand column	25 0 ft
Type of backfill below observation pipe: Bentonite	
Elev./depth of hole	25 8 ft

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2-A

WELL DEVELOPMENT AND SAMPLING FORM

Don't sample

Recorder's Name and Title P Goodman - Field Tech

Well ID PW20691

Survey location coordinates North n/a East n/a

Date this report 4-10-92 Date well installation 4-2-92 Date well development 4-10-92

Well designation. ALMW

Ground elevation. Est. n/a Survey n/a

Screened interval. 6.5 -> 26.5' Formation. n/a

Measuring point (MP) Top of well casing/other n/a Well stick up 2'

Water level (below MP) Start: 8.34 End. 26.76+.028 - 27.04

Well depth (below MP) 26.77+.028 - 27.05 Water elevation (BGS) n/a

Method used to measure water level. Solinst Estimated recharge rate 6.12' per 30m ~ (7.80 per 30m ~ 2nd recharge)

Volume of saturated annulus (assume 30 percent porosity) n/a

Volume Calculation 27.05 - 8.34 = 18.71 x .016 = 2.99

Quantity of water used during drilling: n/a

Depth of sediment (below MP) Before n/a After n/a

Development equipment Grundfos Pump + Teflon Bailer

Sampling equipment n/a

pH meter No 900103503 Calibration. 4.00/16.7° 7.04/16.8°

Specific conductance meter No 910714159 Calibration 1.00 - 17.1°

FTU meter No 900409105 Calibration. n/a

	Time	Pumping Rat gpm	FTU	pH	Temp. C	S.C. umhos/cm a. C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water
	0904	na	over	7.74	16.9	0.51	0	0	yellowish
	0908	0.74	over	7.80	13.8	0.53	2.99	1	reddish yellow
	0913	0.59	over	7.72	14.3	0.59	5.98	2	same
	0924	0.27	over	7.68	15.9	0.68	8.97	3	same
Bailer	1013	na	304	7.68	12.7	0.68	11.95	4	clearer - yellowish
	1024	na	over	7.69	12.5	0.68	14.94	5	Silty - Brown
	042	na	over	7.64	13.1	0.67	17.93	6	same
	1052	na	over	7.62	12.9	0.67	20.92	7	yellowish
	103	na	over	7.73	12.9	0.73	23.91	8	Brownish
	1230	na	over	7.62	12.9	0.68	26.90	9	yellowish
	1238	na	over	7.70	12.8	0.68	29.89	10	same

Comments. DRY @ 0931 11½ gals

2188 @ 0935 0945 @ 1984

2188 - 1984 = 6.12' 2402 - 2142 = 7.80

~~2.88~~ 1106 2402 1116 2142

EG&G + AS are here w/ us Are pulling more volumes per them

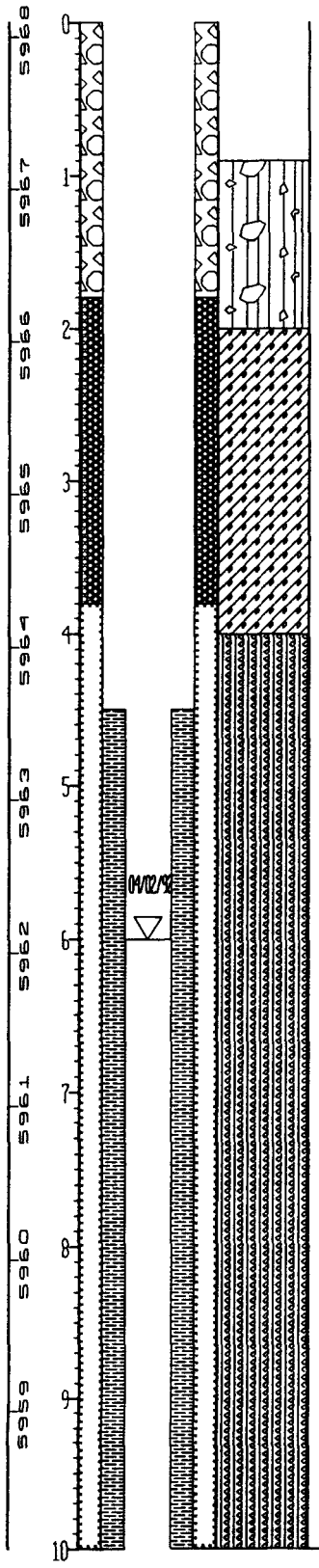
(4011-452)WATER2-2.SOP)(02-27-91)

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 25 8	GROUND ELEVATION (FT)	5968 09	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	749602	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20691
EAST	2086851	LOCATOR NUMBER H13	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/01/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 3 8 FT 0 0 FT BACKFILL MATERIAL BENTONITE 25 8 FT 25 0 FT
WELL 20691 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20791

CHEMICAL SA PTH

SAMPLE GRAIN SIZE 0% 50% 100% 0% 100%



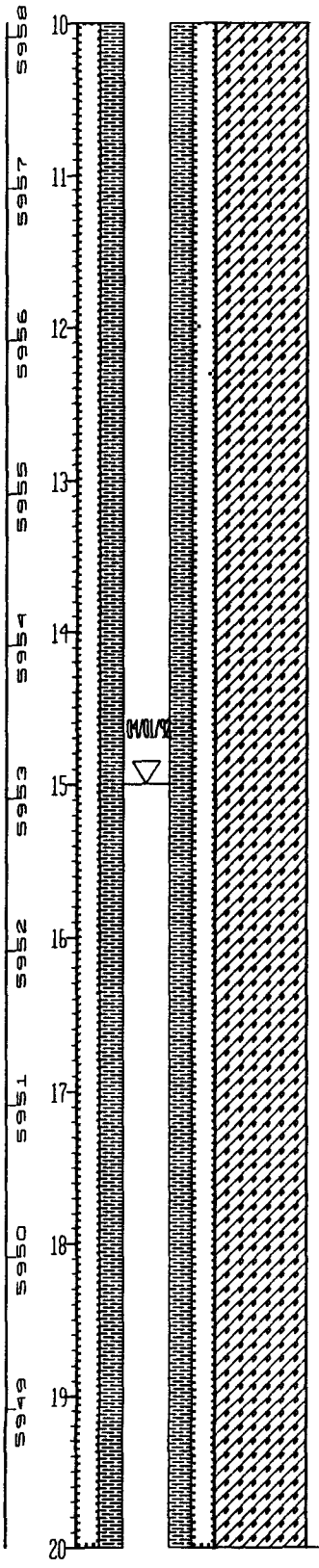
UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
GM	Sandy Gravel with some silt
SC	Gravelly Sand with abundant clay/clayey sand with abundant gravel
SM/gm	Gravelly Sand with some silt and clay

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 25 8	GROUND ELEVATION (FT)	5968 09	PROJECT NUMBER	002/RI	LOG OF BORING NUMBER
NORTH	749602	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20691
EAST	2086851	LOCATOR NUMBER H13	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/01/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 3 8 FT 0 0 FT BACKFILL MATERIAL BENTONITE 25 8 FT 25 0 FT
WELL 20691 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20791

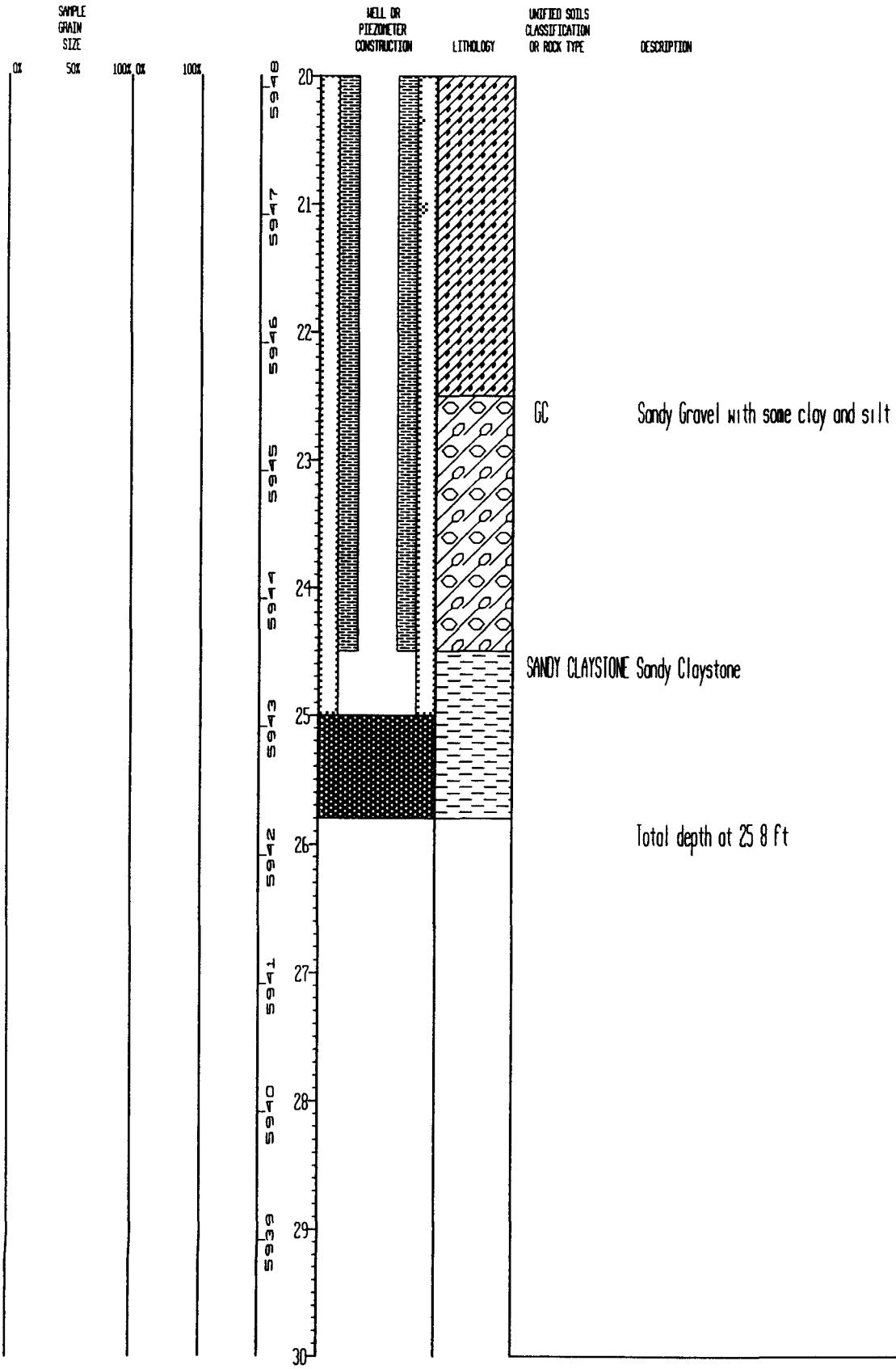
CHEMICAL SAMPLE DEPTH

SAMPLE GRAIN SIZE	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
0% 50% 100% 0% 100%			SC	Gravelly Sand with some clay and silt



STATE PLANE COORDINATE		TOTAL DEPTH (FT) 25 8		GROUND ELEVATION (FT)	5968 09	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	749602	AREA NE TRENCHES		CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20691
EAST	2086851	LOCATOR NUMBER	H13	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	04/01/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 3 8 FT 0 0 FT BACKFILL MATERIAL BENTONITE 25 8 FT 25 0 FT
WELL 20691 WAS REAMED UNIT BREAKS BASED ON CORE FROM WELL 20791



OU2-ALLUVIUM

RFEDS
WELL INSTALLATION FORM

Well Number 0B20791 Project Number 4006 EMAD
Old Well No

Area NE Trenches North or Y East or X
Purpose GW Plume Characterization / Pump testing
Formation Well Status Active
Contractor Woodward-Clyde Drilling Method Hollow-Stem Auger
Geologist B Edgerly Locator H13
Date Drilled ~~3-30~~ & 3-31-92 Ground Elev 5967 40 ft

Total Depth 37 9 ft Stick Up -2.0 ft
Depth to Bedrock 24 5 ft Completed Depth 36 5 ft
Casing Diameter 2 0 in Borehole Diam 10 0 in

Monitoring Interval 29 5 ft to 34 5 ft
Initial Water Level 10 0 ft Date 3-30-92
Completed Water Level 5 5 ft Date 4-2-92 Note

Completed water level taken 2 days after well set May be affected by work on well 20 5 ft to the South

Item	From	To	I D	Type
Surface Seal	30 ft	00 ft		Concrete
Protective Casing	28 ft	-22 ft	6 0 in	Steel
Surface Casing	36 5 ft	-20 ft	2 0 in	PVC Sch 40
Secondary Casing	N/A ft	ft	in	N/A
Centralizer	N/A ft	ft	in	N/A
Bentonite Seal	28 7 ft	23 6 ft		Bentonite
Filter Pack	34 5 ft	28.7 ft		16-40 Sand
Volume	3 0 cu ft			
Screen	34.5 ft	29 5 ft	2 0 in	PVC Sch 40
Slot Size	0 01 in			
Sump	36 5 ft	34 5 ft	2 0 in	PVC Sch 40
Backfill Seal	36 5 ft	34.5 ft		Bentonite
Backfill	37.9 ft	~~34.5~~ ft		Bentonite
Volume	B/E ~~1 9~~ 0 8 cu ft	B/E 36 5		

Tech Ck
REL 4 2-92

OU2-ALLUVIUM

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT 3

FORM GT 6A

GROUNDWATER MONITORING WELL AND PIEZOMETER REPORT

PROJECT OU2 RFI RI Phase II

LOCATION NE Trenches

Date Completed 3 31-92 X Original Depth ~~36.5 ft~~ 37.9 ft

Inspected By _____ Date _____

Checked By _____ Date _____

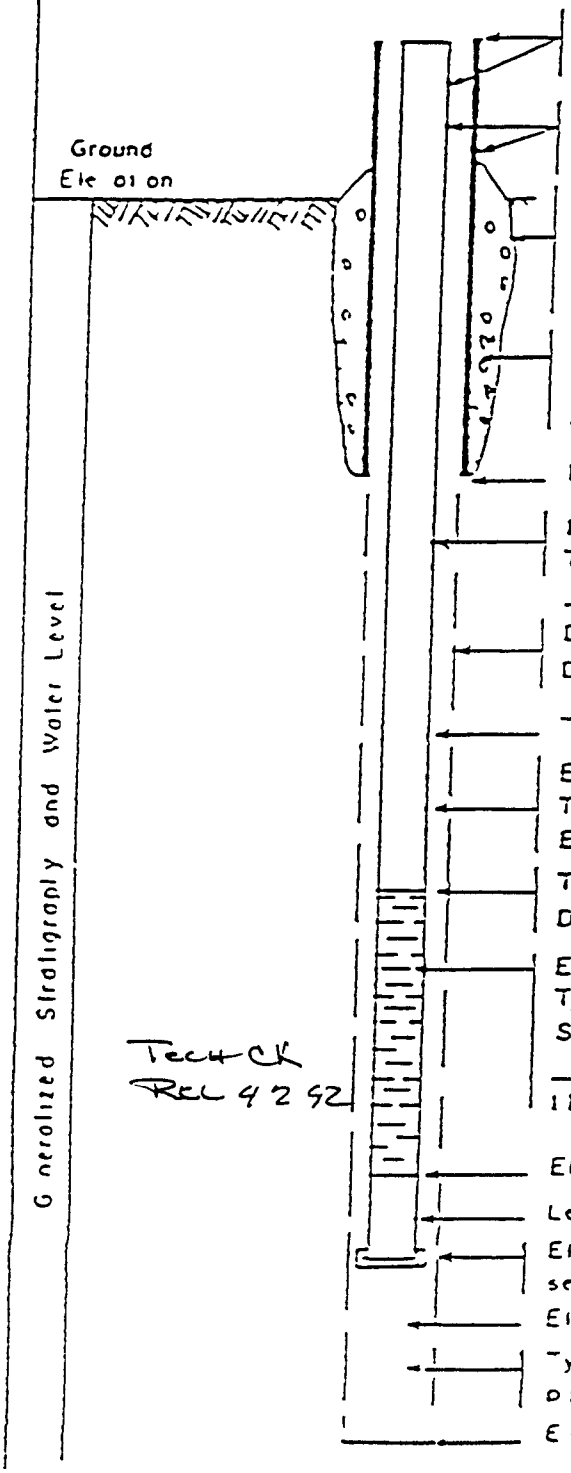
Page 1 of 1

Well No 0620791

Aquifer Claystone Bedrock X

Depth Interval 29.5-34.5 X

NOTE CENTRALIZER DEPTHS



Elevation of top of surface casing / riser pipe	
Height of top of surface casing / riser pipe above ground surface	-22/-20 ft
Depth of surface seal below ground surface	3.0 ft
Type of surface seal Concrete	
I.D. of surface casing	6.0 in
Type of surface casing steel	
Depth of surface casing below ground	28 ft.
I.D. of riser pipe	2.0 in
Type of riser pipe PVC sh 40	
Diameter of borehole	10.0 in O.D.
Depth of borehole	37.9 ft.
Type of backfill Bentonite grout	
Elev./depth top of seal	23.6 ft
Type of seal Bentonite	
Elev./depth bottom of seal	28.7 ft
Type of filter pack 16-40 silica sand	
Depth of top of filter pack	28.7 ft
Elev./depth top of screened section	29.5 ft
Type of screened section PVC sch 40	
Screen openings 0.01 in	
I.D. of screened section	2.0 in
Elev./depth bottom of screened section	34.5 ft
Length of blank section	2.0 ft
Elev./depth bottom of plugged blank section	36.5 ft
Elev./depth bottom of sand column	34.5 ft
Type of backfill below observation pipe Bentonite	
Elev./depth of hole	37.9 ft.

U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT

Form 2-A

WELL DEVELOPMENT AND SAMPLING FORM

not a mw

Recorder's Name and Title Patty E Goodman

Well ID ~~0P02~~ 0B20991

Survey location coordinates North n/a East n/a

Date this report 4-10-92 Date well installation 3-31-92 Date well development 4-10-92

Well designation. ALMW

Ground elevation. Est. n/a Survey n/a

Screened interval. 315 → 365' Formation. n/a

Measuring point (MP) Top of well casing/other n/a Well stick up 2'

Water level (below MP) Start: 7.94 End. 38.51 + .028 = 38.84

Well depth (below MP) 36.12 + .028 = 36.40 Water elevation (BGS) n/a

Method used to measure water level. Solinst Estimated recharge rate. 1.53 per 30 min

Volume of saturated annulus (assume 30 percent porosity) n/a

Volume Calculation 36.40 7.94 = 28.46 x 0.16 = 4.55

Quantity of water used during drilling: n/a

Depth of sediment (below MP) Before n/a After n/a

Development equipment Grundfos pump / Teflon Bailer

Sampling equipment n/a

pH meter No 910714159 Calibration. 4.00/16.7° - 7.04/16.8°

Specific conductance meter No 900103503 Calibration 1.00 - 17.1°

FTU meter No 900409105 Calibration. n/a

Time	Pumping Rate gpm	FTU	pH	Temp. C	S.C. umhos/cm @ C	Cum. Vol. of H_2O Removed: Gallons	Cum. Vol. of H_2O Removed: Casing Vols.	Physical Description of Water
1253	n/a	~~Ba~~	7.8	21.5	0.67	0	0	very thick silty
*						4.55	1	
						9.10	2	
						13.65	3	
						18.20	4	
						22.75	5	

Comments. well Dry @ 1309-3512 1319 3461

3512-3461 = 0.51 x 3 = 1.53'

3640 - 3150 = 4.90 x 0.16 = 0.78 gal - Screened Interval volume

0.78 x 4 = 3.13 gal of DI to add 4.60 gal removed

* couldn't do 1st parameter as water set in pump too long to be accurate

(4011-457)WATER2-2.SOP)(02-27-91)

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 36 5	GROUND ELEVATION (FT)	5967 90	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	749607 79	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O'BRIEN	20791
EAST	2086851 43	LOCATOR NUMBER H13	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	03/31/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 28 7 FT 23 6 FT BACKFILL MATERIAL BENTONITE 37 9 FT 36 5 FT

CHEMICAL SAM GRADA IONAL | MP E NUMB | SAMPLE GRAIN SIZE 0% 50% 100% | E EC E 0% 100% | ECOVE I E AL | DA UM F | DE TH F | WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION

Depth (ft)	Recovery	Unified Soils Classification or Rock Type	Description
0			Top soil, start of boring at 0 90 ft
0	0 00 /0 90	GM	Sandy Gravel with some silt grayish brown (5YR3/2) maximum gravel diameter 18 average 1 fine- to coarse-grained sand, well graded, gravel is sub-rounded, sand is angular to sub-rounded, low plasticity gravel is primarily quartzite sand contains abundant carbonaceous/organic material, quartz, some rock fragments feldspar trace volcanic rock fragments mica, no apparent bedding, moist 57% gravel, 29% sand, 10% silt, 4% clay
1	0 60 /1 10		No recovery for this interval
2		SC	Gravelly Sand with abundant clay/Clayey Sand with abundant gravel very pale orange (10YR8/2) to light brown (5YR6/4) maximum gravel diameter 18 average 08 fine- to coarse-grained sand, well graded, angular to sub-rounded, medium plasticity gravel is primarily caliche coated quartzite with trace arkosic arenite sand contains abundant calcrete/caliche, quartz, some rock fragments, no apparent bedding, moist 26% gravel, 43% sand, 5% silt, 26% clay
3	1 10 /2 00		No recovery for this interval
4		SM/gm	Gravelly Sand with some silt and clay light brown (5YR5/6) maximum gravel diameter > 25, average 13 fine- to coarse-grained sand, well graded, gravel is rounded, sand is angular to sub-rounded, low plasticity gravel is primarily quartzite with trace weathered granite at 4 9 and weathered arkosic arenite at 8 9 sand contains abundant quartz iron stain, some rock fragments feldspar trace dark minerals biotite, muscovite no apparent bedding, physical appearance of sandy gravel moist 33% gravel, 42% sand, 16% silt, 9% clay
5	1 00 /2 00		No recovery for this interval
6		SM/gm	Gravelly Sand with some silt and clay light brown (5YR5/6) as described above
7	0 90 /2 00		No recovery for this interval
8		SM/gm	Gravelly Sand with some silt and clay light brown (5YR5/6) as described above
9	1 00 /2 00		No recovery for this interval
10			

Depth scale: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Well or piezometer construction: 04/02/92 ▽ (at 5 ft); 03/30/92 ▽ (at 10 ft)

Sample grain size: 0% 50% 100% 0% 100%

Ecove: 0 00 /0 90; 0 60 /1 10; 1 10 /2 00; 1 00 /2 00; 0 90 /2 00; 1 00 /2 00

Depth scale: 5967, 5966, 5965, 5964, 5963, 5962, 5961, 5960, 5959, 5958

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 36 5	GROUND ELEVATION (FT)	5967 90	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	749607 79	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20791
EAST	2086851 43	LOCATOR NUMBER H13	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	03/31/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 28 7 FT 23 6 FT BACKFILL MATERIAL BENTONITE 37 9 FT 36 5 FT

CHEMICAL SAMPLE ZONAL | SAMPLE GRAIN SIZE | PERCENT RECOVERY | DEPTH (FT) | WELL OR PIEZOMETER CONSTRUCTION | LITHOLOGY | UNIFIED SOILS CLASSIFICATION OR ROCK TYPE | DESCRIPTION

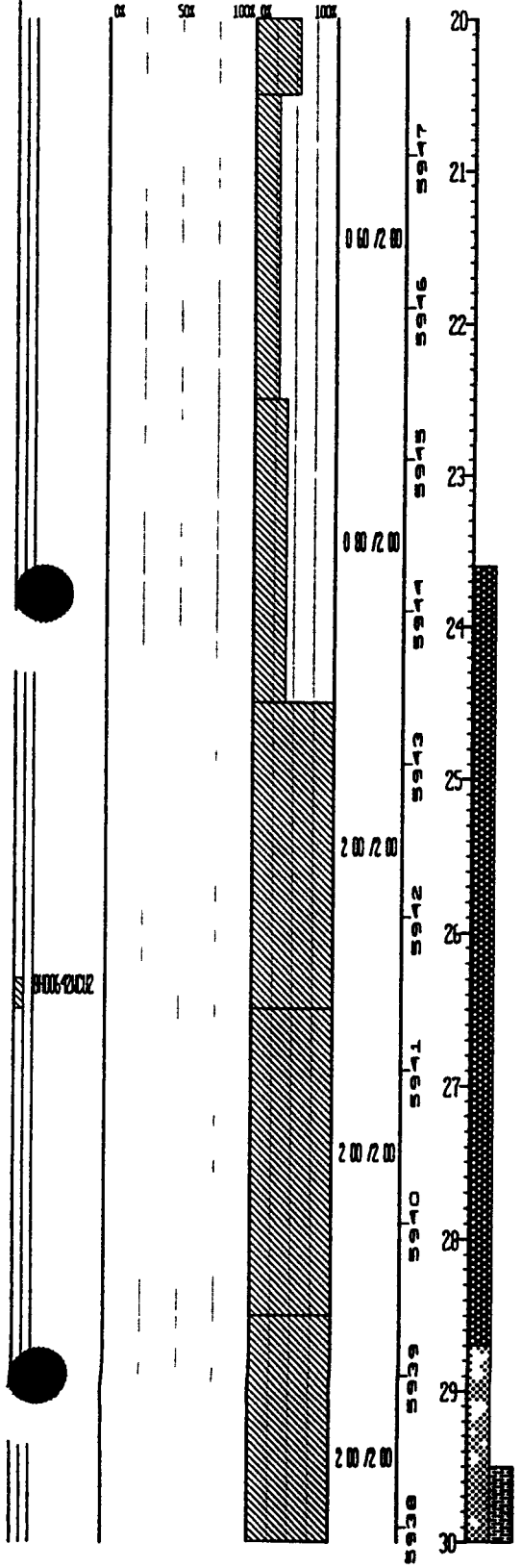
0% 50% 100% 0% 100%

BH0064OU2

Depth (ft)	Elevation	Unified Soils Classification or Rock Type	Description
10		SC	Gravelly Sand with some clay and silt moderate brown (5YR4/4) as described below
			VOA sample obtained from this interval
11	1 80 /2 00		No recovery for this interval
12		SC	Gravelly Sand with some clay and silt moderate brown (5YR4/4) maximum gravel diameter 23" average 18 fine- to coarse-grained sand, well graded, angular to sub-rounded, low plasticity gravel is primarily quartzite with trace arkosic arenite at 10 9' and 17 5, sand contains abundant quartz some rock fragments, iron stain, dark minerals mica, trace calcrete/caliche (kaolinized feldspar?) dark blotches of carbonaceous material? product? increased sand content at 18 5-19 1 and 20 5-21 1 no apparent bedding, wet to saturated 27% gravel 46% sand, 12% silt 15% clay
13	1 00 /1 50		
14	0 00 /1 50		No recovery for this interval
15		SC	Gravelly Sand with some clay and silt moderate brown (5YR4/4) as described above
16	0 50 /2 00		No recovery for this interval
17		SC	Gravelly Sand with some clay and silt moderate brown (5YR4/4) as described above
18	0 80 /1 50		No recovery for this interval
19		SC	Gravelly Sand with some clay and silt moderate brown (5YR4/4) as described above
20	1 10 /2 00		No recovery for this interval

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 36 5	GROUND ELEVATION (FT) 5967 90	PROJECT NUMBER 012/R1	LOG OF BORING NUMBER
NORTH	749607 79	AREA NE TRENCHES	CASING DIAMETER (IN) 2 0	GEOLOGIST J P O BRIEN	20791
EAST	2086851 43	LOCATOR NUMBER H13	BOREHOLE DIAMETER (IN) 10 0	DATE DRILLED 03/31/92	

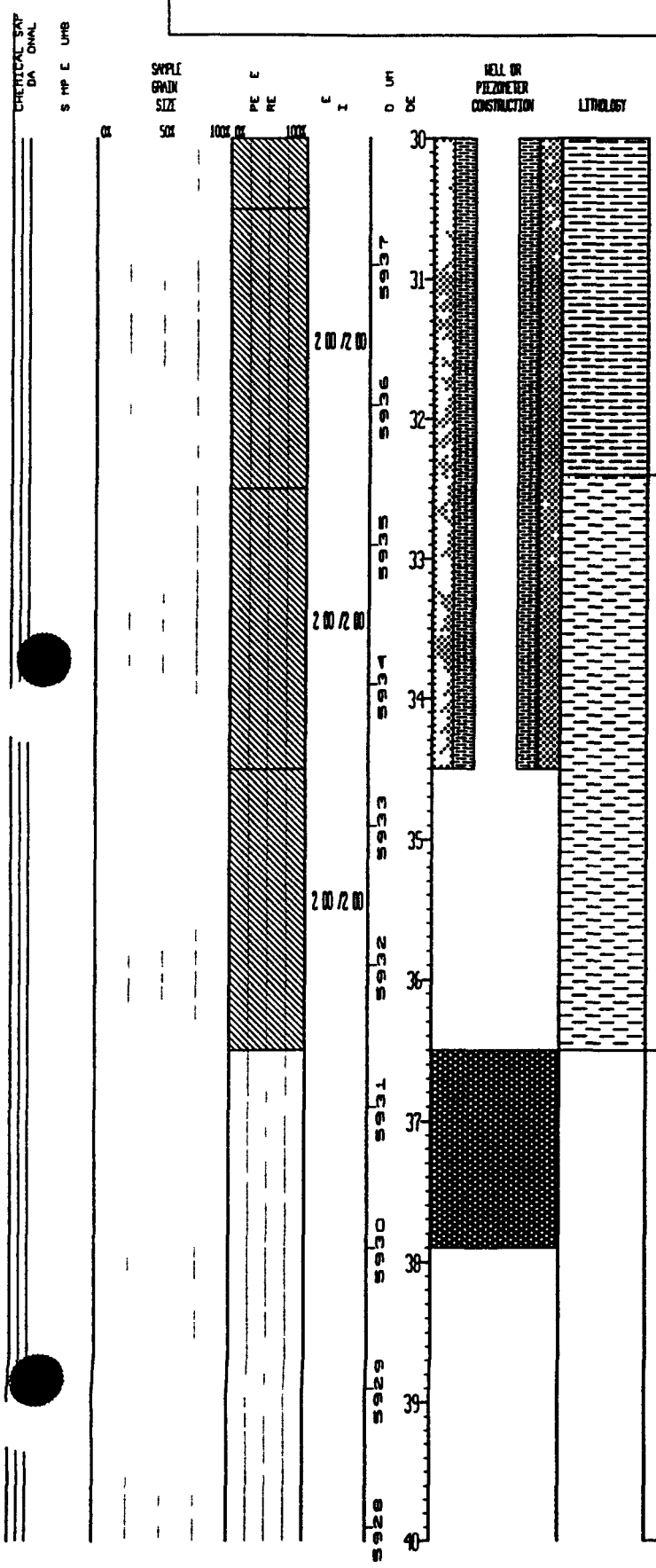
REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 28 7 FT 23 6 FT BACKFILL MATERIAL BENTONITE 37 9 FT 36 5 FT



LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	SC	Gravelly Sand with some clay and silt moderate brown (5YR4/4) as described above
		No recovery for this interval
	GC	Sandy Gravel with some clay and silt moderate yellowish brown (10YR5/4) maximum gravel diameter 16 average 06 fine- to coarse-grained sand, well graded, gravel is rounded, sand is angular to sub-rounded, low plasticity gravel is primarily quartzite some yellowish gray (5Y7/2) silty clay clasts (bedrock rip-up clast), arkosic arenite granite sand contains abundant quartz, rock fragments, some iron staining, feldspar dark minerals gravel is imbricated near base of unit saturated 49% gravel, 29% sand, 7% silt 15% clay Top of bedrock at 24 5 ft
		No recovery for this interval
	SANDY CLAYSTONE	Sandy Claystone yellowish gray (5Y7/2) to light olive gray (5Y5/2) very fine- to medium-grained, moderately sorted, sub-rounded, approximately 5% porosity argilloceous cement slightly to moderately friable abundant quartz, trace dark minerals iron stained and mottled throughout iron oxide nodules at 25 0 , 25 5 and 26 1 color change to light gray (N4) at 27 5 moist to wet 24% sand, 5% silt 71% clay
		VOA sample obtained from this interval
	SANDY CLAYSTONE	Sandy Claystone yellowish gray (5Y7/2) to light olive gray (5Y5/2) as described above
	CLAYSTONE	Claystone with some sand olive gray (5Y4/1) very fine- to medium-grained, well sorted, sub-rounded, approximately 4% porosity argilloceous cement slightly friable, abundant quartz, trace dark minerals mottled to thinly/thickly laminated, carbonaceous material throughout and along laminea, moist 12% sand, 3% silt 85% clay

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 36 5	GROUND ELEVATION (FT)	5967 90	PROJECT NUMBER	OU2/RI	LOG OF BORING NUMBER
NORTH	749607 79	AREA NE TRENCHES	CASING DIAMETER (IN)	2 0	GEOLOGIST	J P O BRIEN	20791
EAST	2086851 43	LOCATOR NUMBER H13	BOREHOLE DIAMETER (IN)	10 0	DATE DRILLED	03/31/92	

REMARKS HOLLOW-STEM AUGER BENTONITE SEAL 28 7 FT 23 6 FT BACKFILL MATERIAL BENTONITE 37 9 FT 36 5 FT



SANDY CLAYSTONE Sandy Claystone with some silt yellowish gray (5Y7/2) to dark yellowish orange (10YR6/6) where iron stained, very fine- to fine-grained, well sorted, sub-angular to sub-rounded approximately 3% porosity argillaceous cement slightly friable, abundant quartz trace iron staining dark minerals thickly laminated to thinly bedded, carbonaceous material along laminea, iron nodule at 34 9 iron staining 32 4-33 8 and 34 5-36 0 moist 26% sand, 6% silt 68% clay

Total depth at 36 5 ft

STATE PLANE COORDINATE		TOTAL DEPTH (Ft)	30 3	GROUND ELEVATION (Ft)	5967 56	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749415	AREA MOUND AREA		CASING DIAMETER (IN)	2 ID	GEOLOGIST	DAT	17-87
EAST	2086308	LOCATOR NUMBER	N9	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	09/09/87	
REMARKS	Hollow Stem Auger							

CHEMICAL SAMP GRAD

SAMPLE GRAIN SIZE: 0% 50% 100%

RE: 0% 100%

AL

DE

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY

Depth	Elevation	Unified Soils Classification or Rock Type	Description
0	5967	GC	SANDY GRAVEL moderate brown (10YR 4/2) angular to sub-angular max size 5 cm some silt some clay some roots
1	5966	GM	Gravelly Clay dark reddish brown (10R 3/4) mod plast some sand (VFG MG) some silt
2	5965	GC	Calcareous Clayey Gravel moderate orange pink (5YR 8/4) angular to sub-angular mod well graded max size 4 5 cm some sand FG VCG
3	5964	GC	Same as above
4	5963		
5	5962	GC	Same as above dark yellowish orange (10YR 6/6) max size of gravel 2 cm
6	5961	NO SAMPLE	
7	5960		
8	5959	GC	Same as above
9	5958	NO SAMPLE	
10			

1 35/2

1 4/1 5

0 8/1 5

1 1/1 5

0/1 5

1 3/1 5

0/0 5

STATE PLANE COORDINATE		TOTAL DEPTH (FT) 30 3	GROUND ELEVATION (FT)	5967 56	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749415	AREA MOUND AREA	CASING DIAMETER (IN)	2 ID	GEOLOGIST	DAT	17-87
EAST	2086308	LOCATOR NUMBER N9	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	09/09/87	

REMARKS Hollow Stem Auger

SAMPLE GRADIN SIZE	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
0% 50% 100% 0% 100%				
1 65 /2			GC	Sandy Clayey Gravel light brown (5YR 5/6) angular to sub-angular mod well graded, max size 5 cm some silt floury texture slightly calcareous Bottom of interval is consolidated, grading is moderate, contains trace of biotite
0 9 /2			GC	Same as above no biotite
1 15 /2	12/01/87		GC	Same as above not calcareous
0 55 /2			GC	Same as above floury texture
1 35 /1 3			GC	Same as above
1 35 /1			GC	Same as above

Depth scale: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

Elevation scale: 5957, 5956, 5955, 5954, 5953, 5952, 5951, 5950, 5949, 5948

GOI1

STATE PLANE COORDINATE		TOTAL DEPTH (FT)	30 3	GROUND ELEVATION (FT)	5967 56	PROJECT NUMBER	667 11	LOG OF BORING NUMBER
NORTH	749415	AREA MOUND AREA		CASING DIAMETER (IN)	2 ID	GEOLOGIST	DAT	17-87
EAST	2086308	LOCATOR NUMBER	N9	BOREHOLE DIAMETER (IN)	7 5	DATE DRILLED	09/09/87	
REMARKS	Hollow Stem Auger							

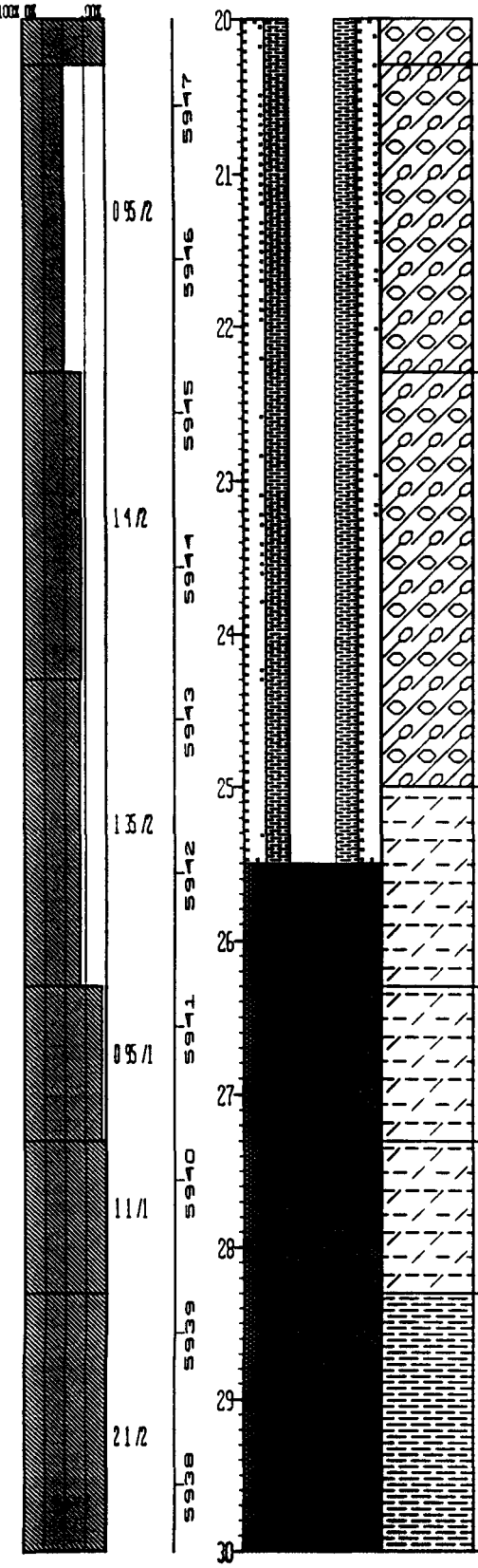
CHEMICAL SAMPLE DA SAM

SAMPLE GRAIN SIZE: 0% 50% 100%

RC COVE: 0% 100%

WELL OR PIEZOMETER CONSTRUCTION

LITHOLOGY



UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
GC	Sandy Clayey Gravel light brown (5YR 5/6) angular to sub-angular mod well graded, max size 6 cm some silt
GC	Same as above dark yellowish orange (10YR 6/6) Bottom 4 in moderate yellowish brown (10YR 5/4)
SILTY CLAYSTONE	Top of Bedrock Pale yellowish orange (10YR 8/6) high plast some VFG sand
SILTY CLAYSTONE	Same as above Mottled coloring of very light gray (N8) and dark yellowish orange plast is moderate
SILTY CLAYSTONE	Same as above mod high plast
CLAYSTONE	Light brownish gray (5YR 6/1) mod high plast some silt iron staining as mottles Note No water encountered during drilling

PUMPING WELL No PW20891
Hydrostratigraphic Unit. Sandstone #1 (Arapahoe)
Filter Pack/Screened Interval 18 5 ft. to 65 ft.
Distance to Pumping Well NA Pumping Well ID 2
TOPC 26 From Ground Surface
Note Real Time Start of Test = 17 30
Logger Time Start of Test = 17 29

Well 20891 File 03
SE1000B
Environmental Logger
04/28 20 12

Unit# 01007 Test# 0

INPUT 2 Level (F) TOC

Reference 28 26
Scale factor 10 03
Offset 0 00

Step# 0 04/28 17 29

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
0 0000	28.11			
0 0033	26.14			
0 0066	26.52			
0 0099	25 81			
0 0133	25 52			
0 0166	24 99			
0 0200	24 80			
0 0233	24 61			
0 0266	24 32			
0 0300	24 30			
0 0333	24 19			
0 0500	24 59			
0 0666	24 47			
0 0833	24 63			
0 1000	24 86			
0 1166	25 08			
0 1333	25 30			
0 1500	25 48			
0 1666	25 58			
0 1833	25 65			
0 2000	25 79			
0 2166	25 90			
0 2333	26.05			
0 2500	26.22			
0 2666	26.26			
0 2833	26.32			
0 3000	26.11			
0 3166	26.24			
0 3333	26.24			
0 4167	26.15			
0 5000	25 99			
0 5833	26.03			
0 6667	25 90			
0 7500	26.48			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
0 8333	26.39			
0 9167	26.42			
1 0000	26.50			
1 0833	26.46			
1 1667	26.60			
1 2500	26.44			
1 3333	26.48			
1 4166	26.54			
1.5000	26.68			
1 5833	26.57			
1 6667	26.69			
1 7500	26.71			
1 8333	26.76			
1 9167	26.67			
2 0000	26.61	31 74		
2 5000	26.67	31 87		
3 0000	26.73	31 82		
3 5000	26.66			
4 0000	27 04	32.53		
4 5000	27 32			
5 0000	27 40	32 65		
5 5000	27 41			
6 0000	27 44		1 62gpm	
6.5000	27 54			
7 0000	27 55			
7 5000	27 62			
8 0000	27 58			
8 5000	27 60			
9 0000	27 71			
9 5000	27 93			
10 0000	27 89			
12 0000	27 91			
14 0000	28.22			
16 0000	28 13			
18 0000	28 31			
20 0000	28.28			
22 0000	28 41			
24 0000	28 41			
26 0000	28 45			
28 0000	28.57			
30 0000	28.56	33 68		
32 0000	28 68			
34 0000	28 68			
36 0000	28 73			
38 0000	28 69			
40 0000	28 90			Sc = 780 µSiemen pH = 7 34 T = 15 0°C
42 0000	28 77			
44 0000	28 85			
46 0000	28 80			
48 0000	28 90			
50 0000	28 87			
52 0000	29 10			
54 0000	29 03			
56 0000	29 07			
58 0000	29 12	34 00		
60 0000	29 14			
62 0000	29 11			
64 0000	29 14			
66 0000	29 24			
68 0000	29 17			
70 0000	29 27			
72 0000	29 24			
74 0000	29 24			
76 0000	29 22			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
78 0000	29 41			
80 0000	29 26			
82 0000	29 30			
84 0000	29 31			
86 0000	29.33	34 16		
88 0000	29 31			
90 0000	29 39			
92 0000	29 37			
94 0000	29 40			S = 790 µS emen pH = 7 26 T = 15 4°C
96 0000	29 46			
98 0000	29 44			
100 000	29 40			
110 000	29 49	34 30		
120.000	29 33		1 62gpm	
130.000	29 37			
140 000	29 33			
150 000	29 43	34 50	1 62gpm	

OBSERVATION WELL No OB20791
Hydrostratigraphic Unit. Claystone-Arapahoe
Filter Pack/Screened Interval 28 7 ft. to 34 5 ft
Distance to Pumping Well 5 6 Pumping Well ID 2
Note Real Start Time of Test = 15 52
Logger Start of Test = 15 49

Well 20791 File 09
SE1000B
Environmental Logger
05/20 17 15

Unit# 01007 Test# 0

INPUT 2 Level (F) TOC

Reference 28 88
Scale factor 10 03
Offset 0 00

Step# 0 05/20 15 49

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	28.88		0 8333	28 87		18 0000	28 88	
0 0033	28.88		0 9167	28 87		20 0000	28 88	
0 0066	28.88		1 0000	28 88		22.0000	28 87	
0 0099	28.88		1 0833	28 88		24 0000	28 87	
0 0133	28.88		1 1667	28 88		26 0000	28 87	
0 0166	28.88		1 2500	28.88		28 0000	28 87	
0 0200	28.88		1 3333	28.88		30 0000	28 87	
0 0233	28.88		1 4166	28 88		32 0000	28 87	
0 0266	28 88		1.5000	28 88		34 0000	28 87	
0 0300	28.88		1 5833	28 88		36 0000	28 88	28 88
0 0333	28.88		1 6667	28 88		38 0000	28 88	
0 0500	28 88		1 7500	28 88		40 0000	28 88	
0 0666	28.88		1 8333	28 88		42 0000	28 88	
0 0833	28.88		1 9167	28 88		44 0000	28 88	
0 1000	28 88		2 0000	28 88		46 0000	28 88	
0 1166	28.88		2 5000	28 88		48 0000	28 87	
~~0 1333~~	~~28 88~~		3 0000	28 88		50 0000	28 87	
0 1500	28.88		3.5000	28.88		52 0000	28 87	
0 1666	28.87		4 0000	28 88		54 0000	28 87	
0 1833	28.88		4 5000	28.88		56 0000	28 87	
0 2000	28 88		5 0000	28 88		58 0000	28 87	
0 2166	28 88		5 5000	28 88		60 0000	28 87	
0 2333	28.87		6 0000	28.88		62 0000	28 87	
0 2500	28 88		6 5000	28 88		64 0000	28 87	
0 2666	28.87		7 0000	28 88		66 0000	28 87	
0 2833	28.88		7 5000	28 88		68 0000	28 87	
0 3000	28.88		8 0000	28.88		70 0000	28 87	
0 3166	28 88		8 5000	28 88		72 0000	28 87	
0 3333	28 88		9 0000	28.88		74 0000	28 87	
0 4167	28 87		9.5000	28 88		76 0000	28 87	
0 5000	28 88		10 0000	28 88		78 0000	28 87	
0 5833	28.88		12 0000	28 88		80 0000	28 87	
0 6667	28.87		14 0000	28 88	28 88	82 0000	28 87	
0 7500	28 87		16 0000	28 88				

Well 20891 File 04
SE1000B
Environmental Logger
04/29 08 48

Unit# 01007 Test# 0

INPUT 2 Level (F) TOC

Reference 28.26
Scale factor 10 03
Offset 0 00

Step# 0 04/28 20 14

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
0 0000	29 81			2014 Started Hermit for 3587 and PW 20891
1 0000	29 77	34.56		Changed to linear at 1 Minute
2 0000	29 85			2016 Stopped Hermit for 20991 and 3687
3 0000	29 88			
4 0000	29 85			
5 0000	29 88	34.58		
6 0000	29 90			2020· Started Hermit for 20991 and 3687
7 0000	29 92			Changed to linear at 1 Minute
8 0000	29 80			2022. Stopped Hermit for 21091
9 0000	29 79			
10 0000	29 76			2024 Started Hermit for 21091
11 0000	29 85			Changed to linear at 1 Minute
12 0000	29 95			
13 0000	29 75		1 62gpm	
14 0000	29 95			
15 0000	29 88			
16 0000	29 92			
17 0000	29 87			
18 0000	29 86			
19 0000	29 86			
20 0000	29 84			
21 0000	29 87			
22 0000	29 95			
23 0000	29 87			
24 0000	29 90			
25 0000	29 93			
26 0000	29 87			
27 0000	29 91			
28 0000	29 92			
29 0000	29 91			
30 0000	29 90			
31 0000	29 89			
32 0000	29 91			
33 0000	29 92			
34 0000	29 94			
35 0000	29 86			
36 0000	29 97			
37 0000	29 95			
38 0000	29 93			
39 0000	29 93			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
40 0000	29.92			
41 0000	29.95			
42 0000	29.90			
43 0000	29.94			
44 0000	29.91			
45 0000	29.93			
46 0000	29.99			
47 0000	30 00			
48 0000	30 00			
49 0000	30 02			
50 0000	29.99			
51 0000	29.91			
52 0000	29.93			
53 0000	29.91			
54 0000	29.96			
55 0000	30 02			
56 0000	29.94			
57 0000	29.98			
58 0000	30 02			
59 0000	29.96			
60 0000	29.97			
61 0000	29 97			
62 0000	29.99			
63 0000	29.99			
64 0000	29.96			
65 0000	29.95	34 78		
66 0000	29.98			
67 0000	30 04			
68 0000	29.99			
69 0000	30 03			
70 0000	30 00			
71 0000	30 02			
72 0000	29 97			
73 0000	30 04	34 82		
74 0000	30 09			
75 0000	30 08			
76 0000	30 05			
77 0000	29.99			
78 0000	30 13			
79 0000	30 03			
80 0000	29 90		1 62gpm	
81 0000	29 96			
82 0000	30 03			
83 0000	30 07			
84 0000	30 00			
85 0000	30 04			
86 0000	30 08			
87 0000	30 04			
88 0000	29 97			
89 0000	30 07			
90 0000	30 04			
91 0000	30 00			
92 0000	30 00			
93 0000	30 05			
94 0000	30 02			
95 0000	30 04			
96 0000	30 10			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
97 0000	30 08			
98 0000	30 09			
99 0000	29.99			
100 000	30 10			
101 000	30 09			
102 000	30 05			
103 000	30 08			
104 000	30 03			
105 000	30 03			
106 000	30 07			
107 000	30 04			
108 000	29.98			
109 000	30 07			
110 000	30 08			
111 000	30 07			
112 000	30 09			
113 000	30 03			
114 000	30 12			
115 000	30 17			
116 000	30 18			
117 000	30 12			
118 000	30 13			
119 000	30 12			
120 000	30 08			
121 000	30 08			
122 000	30 16			
123 000	30 18			
124 000	30 15			
125 000	30 08			
126 000	30 13			
127 000	30 12			
128 000	30.20			
129 000	30 11			
130 000	30 09			
131 000	30 16			
132 000	30 13			
133 000	30 18			
134 000	30 12			
135 000	30 10			
136 000	30 11			
137 000	30 19			
138 000	30 19			
139 000	30 16			
140 000	30.23	34 98		
141 000	30 19			
142 000	30 16			
143 000	30 14			
144 000	30 15			
145 000	30 18			
146 000	30 19			
147 000	32 15			
148 000	29.58			Changed Generators
149 000	29 69			
150 000	29 81	34 88		
151 000	29 78			
152 000	29 87			
153 000	29 82			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
154 000	29 87			
155 000	29 81			
156 000	29 87			
157 000	29.96			
158 000	29.90			
159 000	29 78			
160 000	29.90			
161 000	29.90			
162 000	29 97			
163 000	29 84			
164 000	29 82			
165 000	29 82			
166 000	29.93			
167 000	29 88			
168 000	29 83			
169 000	29 88			
170 000	29 89			
171 000	29.90			
172 000	29 90			
173 000	29.90			
174 000	29 83			
175 000	29.90			
176 000	29 41			
177 000	29.37			
178 000	29.39			
179 000	29 88			
180 000	29 87			
181 000	29 82			
182 000	29.92			
183 000	29 88			
184 000	30 03			
185 000	29 92			
186 000	29 86			
187 000	29 98			
188 000	29.97			
189 000	29 88			
190 000	29 93			
191 000	29 89			
192 000	29 89			
193 000	29.90			
194 000	29 89			
195 000	29 90			
196 000	29.90			
197 000	29 95			
198 000	29.95			
199 000	29 96			
200 000	29 92			
201 000	29 90			
202 000	29 86			
203 000	29 92			
204 000	29 90			
205 000	29 91			
206 000	29 99			
207 000	29.92			
208 000	29 88			
209 000	29 85			
210 000	29 92			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
211 000	29 97			
212 000	29 89			
213 000	29 90			
214 000	29 91			
215 000	29 89			
216 000	29 89			
217 000	29 96			
218 000	29 91			
219 000	29 88			
220 000	29 89			
221 000	29 99			
222 000	29.96			
223 000	29 83			
224 000	29 86			
225 000	29.96			
226 000	29 92	35 02		
227 000	29 92			
228 000	30 03			
229 000	29 96			
230 000	29 98			
231 000	30 01			
232 000	29 88			
233 000	29 82			
234 000	30 02		1 62gpm	
235 000	29 99			
236 000	29.99			
237 000	29 98			
238 000	29 92			
239 000	30 06			
240 000	30 00			
241 000	29 97			
242 000	29 97			
243 000	29 91			
244 000	30 01			
245 000	30 02			
246 000	30 07			
247 000	30 04			
248 000	30 04			
249 000	29 99			
250 000	29.95			
251 000	30 06			
252 000	30 03			
253 000	30 01			
254 000	30 06			
255 000	29.95			
256 000	29 99			
257 000	30 03			
258 000	30 01			
259 000	30 06			
260 000	30 00			
261 000	30 10			
262 000	30 04			
263 000	30 00			
264 000	29 99			
265 000	30 01			
266 000	30 06			
267 000	30 06			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
268 000	30 01			
269 000	29.95			
270 000	30 04			
271 000	30 01			
272 000	30 02			
273 000	30 11			
274 000	29.98			
275 000	30 07			
276 000	30 04			
277 000	30 06			
278 000	30 09			
279 000	29.98			
280 000	30 17			
281 000	30 03			
282 000	30 08			
283 000	30 04			
284 000	30 03			
285 000	29.94			
286 000	30 01			
287 000	30 08			
288 000	30 11			
289 000	30 06			
290 000	30 15			
291 000	29 94			
292 000	30 09			
293 000	30 06			
294 000	30 11			
295 000	30 11			
296 000	30 13			
297 000	30 11			
298 000	30 08			
299 000	30 01			
300 000	30 02			
301 000	29 99			
302 000	30 02			
303 000	30 10			
304 000	30 13			
305 000	30 12			
306 000	30 15			
307 000	30 01			
308 000	30 11			
309 000	30 00			
310 000	30 09			
311 000	30 08			
312 000	30 06			
313 000	30 03			
314 000	30 01			
315 000	30 02			
316 000	30 07			
317 000	30 06			
318 000	30 08			
319 000	30 01			
320 000	30 11			
321 000	30 11			
322 000	30 08			
323 000	30.23			
324 000	30 19			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
325 000	30 11			
326 000	30 06			
327 000	30 07			
328 000	30 19			
329 000	30 11			
330 000	30 06			
331 000	30 08			
332 000	30 13			
333 000	30 12			
334 000	30 16			
335 000	30 05			
336 000	30 04			
337 000	30 16			
338 000	30 02			
339 000	30 16			
340 000	30 07			
341 000	30 06			
342 000	30 07			
343 000	30 02			
344 000	30 11			
345 000	30 11			
346 000	30 12			
347 000	30 09			
348 000	30 03			
349 000	30.20			
350 000	30 15			
351 000	29.98			
352 000	30 15			
353 000	30 09			
354 000	30 15			
355 000	30 16			
356 000	30 07	35 24		
357 000	30 08			
358 000	30 17			
359 000	30 13			
360 000	30 06			
361 000	30 19			
362 000	29 98			Changed Generators
363 000	30.38			
364 000	30.40			
365 000	30 43			
366 000	30.37			
367 000	30 42			
368 000	30 46			
369 000	30 48			
370 000	30 41			
371 000	30 41			
372 000	30 42			
373 000	30 41			
374 000	30 44			
375 000	30.37			
376 000	30 40			
377 000	30 37			
378 000	30 46			
379 000	30.37			
380 000	30 40			
381 000	30 39			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
382 000	30.39			
383 000	30.37			
384 000	30 42			
385 000	30 41			
386 000	30 44			
387 000	30.42			
388 000	30.38			
389 000	30 40			
390 000	30.36			
391 000	30.45			
392 000	30.41			
393 000	30 40			
394 000	30.36			
395 000	30 44			
396 000	30 40			
397 000	30 41			
398 000	30.40			
399 000	30 45			
400 000	30 40			
401 000	30.50			
402 000	30 45			
403 000	30 40			
404 000	30 42			
405 000	30 46			
406 000	30 41			
407 000	30 43			
408 000	30 46			
409 000	30.46			
410 000	30 40			
411 000	30 45			
412 000	30 45			
413 000	30 42			
414 000	30 46			
415 000	30 49			
416 000	30.36			
417 000	30 45			
418 000	30.50			
419 000	30 49			
420 000	30 42			
421 000	30 43			
422 000	30 43			
423 000	30 43			
424 000	30 44			
425 000	30 42			
426 000	30 42			
427 000	30.53			
428 000	30 49			
429 000	30 42			
430 000	30 48			
431 000	30 43			
432 000	30.53			
433 000	30 41			
434 000	30.52			
435 000	30 48			
436 000	30.50			
437 000	30 42			
438 000	30.54			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
439 000	30 46			
440 000	30 49			
441 000	30 44			
442 000	30 40			
443 000	30 48			
444 000	30.55			
445 000	30.46			
446 000	30 49			
447 000	30.39			
448 000	30 42			
449 000	30 47			
450 000	30 48			
451 000	30 45			
452 000	30 43			
453 000	30 49			
454 000	30.39			
455 000	30.54			
456 000	30 40			
457 000	30.51			
458 000	30.52			
459 000	30 49			
460 000	30 47			
461 000	30 45			
462 000	30.31			
463 000	30.35			
464 000	30 42			
465 000	30.38		1 62gpm	
466 000	30 41			
467 000	30 42			
468 000	30 44			
469 000	30 49			
470 000	30 60	35 32		
471 000	30 44			
472 000	30 49			
473 000	30 48			
474 000	30 41			
475 000	30 45			
476 000	30.38			
477 000	30.54			
478 000	30 47			
479 000	30.58			
480 000	30 43			
481 000	30 49			
482 000	30 43			
483 000	30.50			
484 000	30.50			
485 000	30.50			
486 000	30 46			
487 000	30 45			
488 000	30 46			
489 000	30.53			
490 000	30 43			
491 000	30.53			
492 000	30 49			
493 000	30.50			
494 000	30 48			
495 000	30 43			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
496 000	30 45			
497 000	30.51			
498 000	30 49			
499 000	30 44			
500 000	30.49			
501 000	30 41			
502 000	30 48			
503 000	30 47			
504 000	30 49			
505 000	30.58			
506 000	30.49			
507 000	30.52			
508 000	30 43			
509 000	30.50			
510 000	30 49			
511 000	30.56			
512 000	30 43			
513 000	30.57			
514 000	30.51			
515 000	30.51			
516 000	30 45			
517 000	30.58			
518 000	30 45			
519 000	30.52			
520 000	30 60			
521 000	30 60			
522 000	30.50			
523 000	30 45			
524 000	30.52	35 44		
525 000	30 48			
526 000	29.52	35 10		Changed Generators
527 000	30 14			
528 000	30.24			
529 000	30.32			
530 000	30.25			
531 000	30.31			
532 000	30 26			
533 000	30 29			
534 000	30.36			
535 000	30.38			
536 000	30.39			
537 000	30.33			
538 000	30 21			
539 000	30 21			
540 000	30.27			
541 000	30 48			
542 000	30.37			
543 000	30.21			
544 000	30 26			
545 000	30 29			
546 000	30.33			
547 000	30 34			
548 000	30 33			
549 000	30.31			
550 000	30 26			
551 000	30 23			
552 000	30 47			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
553 000	30.33			
554 000	30.31			
555 000	30.35			
556 000	30.35			
557 000	30.32			
558 000	30.34			
559 000	30.24			
560 000	30.35			
561 000	30.37			
562 000	30 43			
563 000	30 46			
564 000	30.31			
565 000	30.26			
566 000	30.31			
567 000	30.36			
568 000	30.27			
569 000	30.32			
570 000	30.36			
571 000	30.38			
572 000	30.32			
573 000	30.31			
574 000	30.23			
575 000	30.31			
576 000	30.32			
577 000	30.36			
578 000	30 46			
579 000	30.31			
580 000	30.32			
581 000	30.30			
582 000	30.35			
583 000	30.32			
584 000	30 46			
585 000	30.32			
586 000	30.36			
587 000	30.29			
588 000	30 42			
589 000	30 42			
590 000	30.38			
591 000	30 28		1 62gpm	
592 000	30.33			
593 000	30.36			
594 000	30.36			
595 000	30 47	35 48		
596 000	30.34			
597 000	30.27			
598 000	30.34			
599 000	30 29			
600 000	30.35			
601 000	30 45			
602 000	30 42			
603 000	30 43			
604 000	30 44			
605 000	30.37			
606 000	30 42			
607 000	30 48			
608 000	30 33			
609 000	30.31			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
610 000	30.44			
611 000	30 42			
612 000	30.37			
613 000	30 42			
614 000	30.30			
615 000	30.26			
616 000	30.39			
617 000	30.37			
618 000	30.24			
619 000	30.29			
620 000	30.26			
621 000	30.50			
622 000	30 42			
623 000	30.37			
624 000	30.45			
625 000	30 42			
626 000	30.24			
627 000	30 40			
628 000	30.39			
629 000	30 47			
630 000	30.37			
631 000	30.36			
632 000	30 29			
633 000	30.31			
634 000	30.27			
635 000	30.37			
636 000	30.31	35.50		
637 000	30.26			
638 000	30 42			
639 000	29 87			
640 000	29 82			
641 000	29 99			
642 000	29.90			
643 000	30 02			
644 000	29 80			
645 000	29 81			
646 000	29 77			
647 000	29 77			
648 000	29 84			
649 000	29 84			
650 000	29 85			
651 000	29 86			
652 000	29 88			
653 000	29 86			
654 000	29 85			
655 000	29 80			
656 000	29 76			
657 000	29 98			
658 000	29 85			
659 000	29 86			
660 000	29 88			
661 000	29 83			
662 000	29 81			
663 000	29 92			
664 000	29 89			
665 000	29 77			
666 000	29 87			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
667 000	30 05		1 62gpm	
668 000	30 08			
669 000	30 64			
670 000	30 65			
671 000	30.57			
672 000	30 61			
673 000	30 67			
674 000	30 64			
675 000	30 61			
676 000	30 72			
677 000	30 66			
678 000	30 73			
679 000	30 66			
680 000	30 63			
681 000	30 70			
682 000	30 72			
683 000	30 61			
684 000	30 75			
685 000	30 61			
686 000	30.58			
687 000	30 66			
688 000	30 67			
689 000	30 69			
690 000	30 68			
691 000	30 66			
692 000	30 63			
693 000	30 64	35.54		
694 000	30 62			
695 000	30 73			
696 000	30 65			
697 000	30 69			
698 000	30 76			
699 000	30 72			
700 000	30 81			
701 000	29.96	35 34		
702 000	30.56	35.50		
703 000	30 67	35 60		
704 000	30 61			
705 000	30.50		1 64gpm	
706 000	30 61			
707 000	30 65			
708 000	30 68			
709 000	30.59			
710 000	30 68			
711 000	30 70			
712 000	30 63			
713 000	30 61			
714 000	30 77			
715 000	30 73			
716 000	30 71			
717 000	30 72			
718 000	30 67			
719 000	30 74			
720 000	30 70			
721 000	30 65			
722 000	30 79			
723 000	30 72			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
724 000	30 74			
725 000	30 79			
726 000	30 73			
727 000	30 85			
728 000	30 73			
729 000	30 77			
730 000	30 74			
731 000	30 74			
732 000	30 77			
733 000	30 86			
734 000	30 84			
735 000	30 81			
736 000	30 79			
737 000	30 82			
738 000	30 75			
739 000	30 72			
740 000	30 70			
741 000	31 02			
742 000	30 89			
743 000	30 81			
744 000	30 82			
745 000	30 70			
746 000	30.57			
747 000	30 68			
748 000	30 60			
749 000	30 77			
750 000	30 77			
751 000	30 87			
752 000	30 86			
753 000	30 81			
754 000	30.92			

Well 20891 File 05
SE1000B
Environmental Logger
04/30 10 32

Unit# 01007 Test# 0

INPUT 2 Level (F) TOC

Reference 35 60
Scale factor 10 03
Offset 0 00

Step# 0 04/29 09 02

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
0 0000	35 66	35 60		
1 0000	35 60			0903 Started Hermit for3587 and P20891
2 0000	35 62			Reste ref for P20891 to 35 60
3 0000	35 73			0905 Stopped Hermit for 20991 and 3687BR
4 0000	35 79			
5 0000	35 66			0907 Download 20991
6 0000	35 70			
7 0000	35 53			
8 0000	35 63			
9 0000	35 66			
10 0000	35 69			
11 0000	35.58			
12 0000	35 64			
13 0000	35.58			
14 0000	35 70			
15 0000	35 66			
16 0000	35 62			
17 0000	35.57			
18 0000	35.58			
19 0000	35 61			
20 0000	35.56			
21 0000	35.59			
22 0000	35.59			
23 0000	35 70			
24 0000	35 60			
25 0000	35 70			
26 0000	35 68			
27 0000	35 60			
28 0000	35 62			
29 0000	35 65			
30 0000	35 61			
31 0000	35 67			
32 0000	35 64			
33 0000	35 54			Download 3687
34 0000	35 63			
35 0000	35 54			
36 0000	35 60			
37 0000	35 63			
38 0000	35 63			
39 0000	35 64			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
40 0000	35 68			
41 0000	35 66			
42 0000	35.59			
43 0000	35.54			
44 0000	35 62			
45 0000	35 69			
46 0000	35 61			
47 0000	35 61			
48 0000	35.53			
49 0000	35.58			
50 0000	35 78			
51 0000	35 78			
52 0000	35 74			
53 0000	35 70			
54 0000	35 65			
55 0000	35 65			
56 0000	35 69			
57 0000	35 62			
58 0000	35 62			
59 0000	35 63			
60 0000	35 64			
61 0000	35 62			
62 0000	35 63			
63 0000	35 65			
64 0000	35 65			
65 0000	35 60			
66 0000	35 69	35 63		
67 0000	35 60			
68 0000	35.58	34.32		
69 0000	35 65			
70 0000	35 65			
71 0000	35.59			
72 0000	35.55	34.32		1014 Reset Ref at 1014 to 34 32
73 0000	35 60			This is a temporary test to investigate
74 0000	35 47			Discrepancy of 20991
75 0000	35.50			
76 0000	35 49			
77 0000	35 67			
78 0000	35 70			
79 0000	35 61			
80 0000	35 63			
81 0000	35 70			
82 0000	35 70			
83 0000	35.57			
84 0000	35.53			
85 0000	35 68			
86 0000	35 69			
87 0000	35 86			
88 0000	35 88			
89 0000	35 83			
90 0000	35 76			
91 0000	35 63			
92 0000	35 62			
93 0000	35 61			
94 0000	35.56			
95 0000	35 61			
96 0000	35 61			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
97 0000	35.59			
98 0000	35.56			
99 0000	35.54			
100 000	35.59			
101 000	35.56			
102.000	35.59			
103 000	35.58			
104 000	35 65			
105 000	35 62			
106 000	35 64			1048 Restart 20991
107 000	35 61			Tape at 34.39 Ref at 34.39
108 000	35 61			1050 Restart 3687
109 000	35 67			Tape at 32 98 Ref at 32 98
110 000	35.57			
111 000	35.54			
112.000	35 67			
113 000	35 60			
114 000	35 62			
115 000	35.57			1057 Stop 2109103 XD=21 19 Ref =31 96
116 000	35.55			
117 000	35.54			
118 000	35.55			1100 Downlaod 2109103
119 000	35.53			
120 000	35.50			
121 000	35 60			
122.000	35 61			
123 000	35.55			
124 000	35 62			
125 000	35.57			
126 000	35.56			
127 000	35.53	35 64		
128 000	35 40		1 61	
129 000	35.54			
130 000	35.57			1112 Swap out Generators
131 000	34 15			
132 000	35 26			1114 200 psi unit on pump
133 000	35.32			
134 000	35 37	35 60		
135 000	35 45		1 62	
136 000	35.34			
137 000	35.33			
138 000	35 16			
139 000	35.33			
140 000	35 41			
141 000	35.39			
142.000	35.39			
143 000	35 45			
144 000	35.37			
145 000	35 40			
146 000	35.38			
147 000	35 41			
148 000	35 43			
149 000	35 40			
150 000	35 44			
151 000	35 45			
152 000	35 46			
153 000	35 43			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
154 000	35 42			
155 000	35 44			
156 000	35.39	35 71		
157 000	35 42			
158 000	35 41			
159 000	35 49			
160 000	35.37			
161 000	35 44			1143 Restart 20191 Ref = 3198
162.000	35 43			
163 000	35.51			
164 000	35 42			
165 000	35.50			
166 000	35 46			
167 000	35 41			
168 000	35 47			
169 000	35 49			
170 000	35.36			
171 000	35 48			
172.000	35 40			
173 000	35 42			
174 000	35 45			
175 000	35 40			
176 000	35.37			
177 000	35.38			
178 000	35 47			
179 000	35 41			
180 000	35.34			
181 000	35 45			
182.000	35 43			
183 000	35 48			
184 000	35 40			
185 000	35 42			
186 000	35 48			
187 000	35.36			
188 000	35 48			
189 000	35 47			
190 000	35.39			
191 000	35.56			
192 000	35 42			
193 000	35 43			
194 000	35 45			
195 000	35 44			
196 000	35 45			
197 000	35.50			
198 000	35 42			
199 000	35.53			
200 000	35.37			
201 000	35 45			
202.000	35 48			
203 000	35 46			
204 000	35 46			
205 000	35 44			
206 000	35 49			
207 000	35.39			
208 000	35 45			
209 000	35.50			
210 000	35 45			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
211 000	35 48			
212.000	35 41			
213 000	35.38			
214 000	35 42			
215 000	35 44			
216 000	35 47			
217 000	35 44			
218 000	35 46			
219 000	35 48			
220 000	35.50			
221 000	35.55			
222.000	35.54			
223 000	35 43			
224 000	35 47			
225 000	35 46			
226 000	35 45			
227 000	35 48			
228 000	35.50			
229 000	35.53			
230 000	35 49			
231 000	35 40			
232.000	35.54			
233 000	35 41			
234 000	35.39			
235 000	35.58			
236 000	35 46			
237 000	35.50			
238 000	35 41			
239 000	35 48			
240 000	35 46			
241 000	35 48			
242.000	35.50			
243 000	35 42			
244 000	35 43			
245 000	35 42			
246 000	35 44			
247 000	35.50			
248 000	35 48			
249 000	35.33			
250 000	35 26			
251 000	35.34			
252.000	35.33			
253 000	35.33			
254 000	35 25			
255 000	35 19			
256 000	35 28			
257 000	35 25			
258 000	35 20			
259 000	35 22			
260 000	35 22			
261 000	35.30			
262 000	35 25			
263 000	35 21			
264 000	35 29			
265 000	35 22			
266 000	35 25			
267 000	35 23			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
268 000	35.23			
269 000	35.22			
270 000	35.20			
271 000	35.27			
272.000	35.30			
273 000	35.27			
274 000	35.27			
275 000	35.33			
276 000	35.36			
277 000	35.30			
278 000	35.23			
279 000	35.21			
280 000	35.21			
281 000	35.27			
282.000	35.25			
283 000	35.28			
284 000	35 29			
285 000	35 26			
286 000	35 22			
287 000	35.27			
288 000	35 21			
289 000	35 23			
290 000	35 27			
291 000	35 19			
292.000	35.28			
293 000	35 19			
294 000	35.24			
295 000	35.22			
296 000	35.24			
297 000	35 24			
298 000	35.20			
299 000	35 26			
300 000	35 28			
301 000	35 15			
302.000	35 27			
303 000	35 29			
304 000	35 24			
305 000	35.35			
306 000	35 18			
307 000	35 25			
308 000	35 29			
309 000	35.34			
310 000	35 27			
311 000	35 12			
312 000	35.31			
313 000	35 27			
314 000	35 31			
315 000	35 28			
316 000	35 18			
317 000	35 29			
318 000	35 27			
319 000	35 20			
320 000	35.29			
321 000	35 36			
322.000	35 31			
323 000	35 15			
324 000	35 22			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
325 000	35.20			
326 000	35 19	35.51		
327 000	35.27			
328 000	35 19			
329 000	35.27			
330 000	35.25			
331 000	35.28			
332.000	35.24			
333 000	35 18			
334 000	35 16			
335 000	35.23			
336 000	35.20			
337 000	35.35			
338 000	35 13			
339 000	35.25			
340 000	35.28			
341 000	35 17			
342 000	35 25			
343 000	35 24			
344 000	35 29			
345 000	35.34			
346 000	35.29			
347 000	35.34			
348 000	35 27			
349 000	35.33			
350 000	35 25			
351 000	35.30			
352.000	35.32			
353 000	35.34			
354 000	35.34			
355 000	35.24			
356 000	35.39			
357 000	35.35			
358 000	35.33			
359 000	35 27			
360 000	34 90			
361 000	35.53			
362.000	35.50			
363 000	35.58			1505 Switch out Generator Hz at 199 before and after switch
364 000	35.55			
365 000	35.51			
366 000	35.56			
367 000	35.57			
368 000	35 62			
369 000	35.54			
370 000	35.54			
371 000	35.50			
372 000	35 45			
373 000	35 59			
374 000	35.54			
375 000	35.51			
376 000	35 47			
377 000	35 51			
378 000	35.59			
379 000	35 57			
380 000	35 57			
381 000	35 54			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
382.000	35.53			
383 000	35.52			
384 000	35.52			
385 000	35.53			
386 000	35.51			
387 000	35 48			
388 000	35 43			
389 000	35.50			
390 000	35.53			
391 000	35 47			
392.000	35 47			
393 000	35 48			
394 000	35 46			
395 000	35.59			
396 000	35.55			
397 000	35.51			
398 000	35.53			
399 000	35 48			
400 000	35.54			
401 000	35.53			
402.000	35 44			
403 000	35.51			
404 000	35 47			
405 000	35.51			
406 000	35.52			
407 000	35 45			
408 000	35 46			
409 000	35 47			
410 000	35 48			
411 000	35.50			
412 000	35.51			
413 000	35.58			
414 000	35 48			
415 000	35 46			
416 000	35 48			
417 000	35 60			
418 000	35.53			
419 000	35 49			
420 000	35 48			
421 000	35 49			
422.000	35.58			
423 000	35 47			
424 000	35.51			
425 000	35 49			
426 000	35 45			
427 000	35.51			
428 000	35.51			
429 000	35 44			
430 000	35 47			
431 000	35 49			
432 000	35.53			
433 000	35 48			
434 000	35 63			
435 000	35.54			
436 000	35.56			
437 000	35 55			
438 000	35 42			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
439 000	35 49			
440 000	35 45			
441 000	35 43			
442.000	35.52			
443 000	35.51			
444 000	35.55			
445 000	35.55			
446 000	35.57			
447 000	35 47			
448 000	35 45			
449 000	35 49			
450 000	35 48			
451 000	35.54			
452.000	35 48			
453 000	35.52	35.56		
454 000	35 46			
455 000	35.52			
456 000	35 49			
457 000	35.51			
458 000	35.38		1.53	1640 Three Bucket tests ran results 1 53 / 1.56 / 1.55
459 000	35.39			
460 000	35 42			
461 000	35 40			
462.000	35.38			
463 000	35.50			1645 Reading on pump 198 Units
464 000	35 47			
465 000	35 42			
466 000	35.51			
467 000	35 42			
468 000	35 46			
469 000	35.39			
470 000	35 48			
471 000	35.37			
472.000	35 46			
473 000	35 46			
474 000	35 45			
475 000	35 43			
476 000	35 40			
477 000	35 44			
478 000	35 40			
479 000	35 43			
480 000	35 46			
481 000	35 44			
482.000	35 40			
483 000	35.38			
484 000	35 48			
485 000	35 45			
486 000	35 44			
487 000	35.51			
488 000	35 42			
489 000	35 48			
490 000	35 47			
491 000	35 45			
492.000	35 45			
493 000	35 44			
494 000	35 40			
495 000	35.37			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
496 000	35 48			
497 000	35 49			
498 000	35 46			
499 000	35 45			
500 000	35.51			
501 000	35 46			
502.000	35 41			
503 000	35 44			
504 000	35 42			
505 000	35 45			
506 000	35.39			
507 000	35 46			
508 000	35.36			
509 000	35 44			
510 000	35.33			
511 000	35 40			
512.000	35.38			
513 000	35 46			
514 000	35.39			
515 000	35 40			
516 000	35.36			
517 000	35 41			
518 000	35 45			
519 000	35.38			
520 000	35 41			
521 000	35 46			
522.000	35.36			
523 000	35 42			
524 000	35 40			
525 000	35.39			
526 000	35.39			
527 000	35 49			
528 000	35.39			
529 000	35.37			
530 000	35.31			
531 000	35.38			
532 000	35 45			
533 000	35.35			
534 000	35 42			
535 000	35.39			
536 000	35 44			
537 000	35 43			
538 000	35 46			
539 000	35.39			
540 000	35.39			
541 000	35.34			
542 000	35.39			
543 000	35 43			
544 000	35 42			
545 000	35 42			
546 000	35.36			
547 000	35 43			
548 000	35 48			
549 000	35 50			
550 000	35 46			
551 000	35.36			
552 000	35.39			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
553 000	35 49			
554 000	35 43			
555 000	35 43			
556 000	35.39			
557 000	35 48			
558 000	35.39			
559 000	35 47			
560 000	35.36			
561 000	35 47			
562.000	35 40			
563 000	35 46			
564 000	35 41			
565 000	35.38			
566 000	35 46			
567 000	35 45			
568 000	35 46			
569 000	35 48			
570 000	35.39			
571 000	35 44			
572 000	35.59			
573 000	35.36			
574 000	35 45			
575 000	35 43			
576 000	35 41			
577 000	35 40			
578 000	35 40	35 40		
579 000	35.33			
580 000	35.31			
581 000	35.34			
582.000	35.56			
583 000	35.37		1.58	1845 Hz = 199
584 000	35 49			
585 000	35 40			
586 000	34 91			
587 000	35 21	35 28		
588 000	35.25			1850 Changed Generators Hz = 199
589 000	35 21			
590 000	35 26			
591 000	35 30			
592 000	35 24		1.58	
593 000	35.56			
594 000	35 63			
595 000	35.59			
596 000	35 67			
597 000	35.58			
598 000	35.55			
599 000	35 50			
600 000	35.53			
601 000	35.52			
602 000	35 67			
603 000	35.57			
604 000	35 58			
605 000	35 61			
606 000	35 66			
607 000	35 64			
608 000	35.54			
609 000	35 66			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
610 000	35 64			
611 000	35 64			
612.000	35 61			
613 000	35 70			
614 000	35.51			
615 000	35 71			
616 000	35.54			
617 000	35 60			
618 000	35 65			
619 000	35 65			
620 000	35 60			
621 000	35 63			
622.000	35.57			
623 000	35 63			
624 000	35 63			
625 000	35 65			
626 000	35 66			
627 000	35 70			
628 000	35 67			
629 000	35.59			
630 000	35 65			
631 000	35 60			
632.000	35 61			
633 000	35 69			
634 000	35 68			
635 000	35 68			
636 000	35 71			
637 000	35 62			
638 000	35 70			
639 000	35.59			
640 000	35 71			
641 000	35 72			
642.000	35 63			
643 000	35 61			
644 000	35 61			
645 000	35 61			
646 000	35 73			
647 000	35 60			
648 000	35 68			
649 000	35 66			
650 000	35 65			
651 000	35 65			
652.000	35 73			
653 000	35 64			
654 000	35 68			
655 000	35 62			
656 000	35 63			
657 000	35 67			
658 000	35 70			
659 000	35 70			
660 000	35 60			
661 000	35 73			
662 000	35 67			
663 000	35 72			
664 000	35 70			
665 000	35.58			
666 000	35 63			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
667 000	35 60			
668 000	35 66			
669 000	35 69			
670 000	35 72			
671 000	35 77			
672.000	35 78			
673 000	35 66			
674 000	35 60			
675 000	35 75			
676 000	35 69			
677 000	35 66			
678 000	35 74			
679 000	35 63			
680 000	35 61			
681 000	35 68			
682.000	35 71			
683 000	35 65			
684 000	35 65			
685 000	35 65			
686 000	35 71			
687 000	35 75			
688 000	35 72			
689 000	35 63			
690 000	35 66			
691 000	35 68			
692.000	35 71			
693 000	35 73			
694 000	35 77			
695 000	35 64			
696 000	35 77			
697 000	35 83			
698 000	35 81	35 72		
699 000	35 79			
700 000	35 85			
701 000	35 71			
702.000	35 78			
703 000	35 77			
704 000	35 82			
705 000	35 80			
706 000	35 76			
707 000	35 82			
708 000	35 80			
709 000	35 79			
710 000	35 82			
711 000	35 86			
712.000	35 78			
713 000	35 89			
714 000	35 82			
715 000	35 90			
716 000	35 96			
717 000	35 89			
718 000	35 79			
719 000	35 79			
720 000	35 83			
721 000	35 76			
722.000	35 89			
723 000	35 88			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
724 000	35 88			
725 000	35 81			
726 000	35 79			
727 000	35 75			
728 000	35 87			
729 000	35 90			
730 000	35 88			
731 000	35 86			
732.000	35 88			
733 000	35 83			
734 000	35 86			
735 000	35 77			
736 000	35 87			
737 000	35 88			
738 000	35 95			
739 000	35 85			
740 000	35 81			
741 000	35 97			
742 000	35 74			
743 000	35 85			
744 000	35 83			
745 000	35 90			
746 000	35 86			
747 000	35 79			
748 000	35 77			
749 000	35 97			
750 000	35 90			
751 000	35 90			
752.000	35 85			
753 000	35 90			
754 000	35 88			
755 000	35 84			
756 000	35 92			
757 000	35 93			
758 000	35 79			
759 000	35 82			
760 000	35 87			
761 000	35 84			
762.000	35 97			
763 000	35 84			
764 000	35 95			
765 000	35 90			
766 000	35 90			
767 000	35 89			
768 000	35 92			
769 000	35 88			
770 000	35 83			
771 000	35 84			
772 000	35 84			
773 000	35 82			
774 000	35 88			
775 000	35 95			
776 000	35 82			
777 000	35 89			
778 000	35 86			
779 000	35 87			
780 000	35 89			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
781 000	35 95			
782.000	35 85			
783 000	35 85			
784 000	35 96			
785 000	35 94			
786 000	35 84			
787 000	35 88			
788 000	35 88			
789 000	35 82			
790 000	35 77			
791 000	35 66			
792.000	35 89			
793 000	35 83		1 62	2215 Hz = 201
794 000	35 71			
795 000	35 88			
796 000	35 93			
797 000	35 82			
798 000	35 77			
799 000	35 78	35 82		
800 000	35 92			
801 000	35 13			
802.000	35 64	35.30		2224 Changed Generators Hz = 201
803 000	35 71	35 74		
804 000	35 62			
805 000	36 03		1 63	
806 000	35 89	35 82		
807 000	35 89			
808 000	35 80			
809 000	35 86			
810 000	35 87			
811 000	35 82			
812.000	35 91			
813 000	35 83			
814 000	35 86			
815 000	35 91			
816 000	35 84			
817 000	35 76			
818 000	35 86			
819 000	35 93			
820 000	35 90			
821 000	35 82			
822.000	35 95			
823 000	35 88			
824 000	35 85			
825 000	35 87			
826 000	35 78			
827 000	35 84			
828 000	35 85			
829 000	35 92			
830 000	35 92			
831 000	35 81			
832.000	35 99			
833 000	35 88			
834 000	35 79			
835 000	35 88			
836 000	35 80			
837 000	35 82			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
838 000	35 86			
839 000	35 86			
840 000	35 88			
841 000	35 83			
842.000	35 86			
843 000	35 99			
844 000	35 85			
845 000	35 90			
846 000	35 78			
847 000	35 93			
848 000	35 91			
849 000	35 84			
850 000	35 81			
851 000	35 88			
852.000	35 80			
853 000	35 87			
854 000	35 91			
855 000	35 93			
856 000	35 79			
857 000	35 84			
858 000	35 88			
859 000	35 79			
860 000	35 82			
861 000	35 86			
862.000	35 83			
863 000	35 85			
864 000	35 87			
865 000	35 82			
866 000	35 87			
867 000	35 83			
868 000	35 82			
869 000	35 80			
870 000	35 84			
871 000	35 81			
872.000	35 92			
873 000	35 91			
874 000	35 76			
875 000	35 90			
876 000	35 86			
877 000	35 92			
878 000	35 89			
879 000	35 84			
880 000	35 77			
881 000	35 85			
882 000	35 74			
883 000	35 78			
884 000	35 79			
885 000	35 83			
886 000	35 84			
887 000	35 81			
888 000	35 84			
889 000	35 87			
890 000	35 86			
891 000	35 86			
892 000	35 80			
893 000	35 94			
894 000	35 82			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
895 000	35 84			
896 000	35 77			
897 000	35 85			
898 000	35 85			
899 000	35 87			
900 000	35 78			
901 000	35 75			
902.000	35 84			
903 000	35 82			
904 000	35 82			
905 000	35 85			
906 000	35 84			
907 000	35 78			
908 000	35 85			
909 000	35 84			
910 000	35 81			
911 000	35 85			
912.000	35 83			
913 000	35 89			
914 000	35 86			
915 000	35 93			
916 000	35 83			
917 000	35 92			
918 000	35 92			
919 000	35 85			
920 000	35 88			
921 000	35 91			
922.000	35 89			
923 000	35 83			
924 000	35 82			
925 000	35 90			
926 000	35 78			
927 000	35 77			
928 000	35 81			
929 000	35 82			
930 000	35 89			
931 000	35 90			
932.000	35 83	35 92		
933 000	35 83			
934 000	35 88			
935 000	35 90			
936 000	35 79			
937 000	35 79			
938 000	35 83			
939 000	35 81			
940 000	35 80			
941 000	35 71			
942.000	35 87			
943 000	35 79			
944 000	35 89			
945 000	35 86		1.59	0047 Hz = 201
946 000	35 83			
947 000	35 81			
948 000	35 89			
949 000	35 84			
950 000	35 88			
951 000	35 78			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
952.000	35 90			
953 000	35 88			
954 000	35 84			
955 000	35 89			
956 000	35 89			
957 000	35 82			
958 000	35 79			
959 000	35 91			
960 000	35 78			
961 000	35 86			
962.000	35 77			
963 000	35 86			
964 000	35 82			
965 000	35 82			
966 000	35 82			
967 000	35 86			
968 000	35 89			
969 000	35 91			
970 000	35 94			
971 000	35 88			
972.000	35 91			
973 000	35 90			
974 000	35 83			
975 000	35 82			
976 000	35 85			
977 000	35 94			
978 000	35 86			
979 000	35 84			
980 000	35 92			
981 000	35 95			
982.000	35 92			
983 000	35 98			
984 000	35 87			
985 000	35 85			
986 000	35 86			
987 000	35 87			
988 000	35 86			
989 000	35 87			
990 000	35 91			
991 000	35 85			
992.000	35 87			
993 000	35 93			
994 000	35 91			
995 000	35 98			
996 000	35 78			
997 000	35 97			
998 000	35 92			
999 000	35 85			
1000 00	35 98			
1001 00	35 90			
1002 00	35 84			
1003 00	35 79			
1004 00	35 89			
1005 00	35 86			
1006 00	35 85			
1007 00	35 82			
1008 00	35 92			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1009 00	35 89			
1010 00	35 99			
1011 00	35 84			
1012 00	35 90			
1013 00	35 95			
1014 00	35 91			
1015 00	35 89			
1016 00	35 91			
1017 00	35 94			
1018 00	35 91			
1019 00	35 95			
1020 00	35 93			
1021 00	35 98			
1022 00	35 84			
1023 00	35 80			
1024 00	35 97			
1025 00	35 87			
1026 00	35 93			
1027 00	35 91			
1028 00	35 88			
1029 00	35 95			
1030 00	35 85			
1031 00	35 90			
1032 00	35 85			
1033 00	35 99			
1034 00	35 96			
1035 00	35 92			
1036 00	35 83			
1037 00	35 97			
1038 00	35 96			
1039 00	35 88			
1040 00	35 91			
1041 00	35 83			
1042 00	35 93			
1043 00	35 93			
1044 00	35 88			
1045 00	35 85			
1046 00	35 88			
1047 00	36 04			
1048 00	35 99	35 94		
1049 00	35 81			
1050 00	34 60			
1051 00	35 61	35 50		0233 Changed Generators Hz = 201
1052 00	35.58	35 74		
1053 00	35 65	35 90		
1054 00	35 62			
1055 00	35 72		1 60	
1056 00	35 90			
1057 00	35 86	35 94		
1058 00	35 69			
1059 00	35 71			
1060 00	35 72			
1061 00	35 69			
1062 00	35 66			
1063 00	35 73			
1064 00	35 80			
1065 00	35 77			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1066 00	35 75			
1067 00	35 81			
1068 00	35 83			
1069 00	35 82			
1070 00	35 84			
1071 00	35 66			
1072 00	35 75			
1073 00	35 79			
1074 00	35 76			
1075 00	35 77			
1076 00	35 69			
1077 00	35 75			
1078 00	35 71			
1079 00	35 87			
1080 00	35 73			
1081 00	35 80			
1082 00	35 70			
1083 00	35 67			
1084 00	35 83			
1085 00	35 70			
1086 00	35 69			
1087 00	35 80			
1088 00	35 68			
1089 00	35 72			
1090 00	35 73			
1091 00	35 68			
1092 00	35 77			
1093 00	35 79			
1094 00	35 71			
1095 00	35 81			
1096 00	35 84			
1097 00	35 68			
1098 00	35 86			
1099 00	35 73			
1100 00	35 74			
1101 00	35 82			
1102 00	35 69			
1103 00	35 80			
1104 00	35 86			
1105 00	35 81			
1106 00	35 81			
1107 00	35 77			
1108 00	35 69			
1109 00	35 73			
1110 00	35 77			
1111 00	35 79			
1112 00	35 78			
1113 00	35 70			
1114 00	35 76			
1115 00	35 74			
1116 00	35 78			
1117 00	35 85			
1118 00	35 73			
1119 00	35 84			
1120 00	35 74			
1121 00	35 77			
1122 00	35 69			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1123 00	35 74			
1124 00	35 73			
1125 00	35 79			
1126 00	35 80			
1127 00	35 88			
1128 00	35 71			
1129 00	35 68			
1130 00	35 82			
1131 00	35 80			
1132 00	35 67			
1133 00	35 66			
1134 00	35 69			
1135 00	35 81			
1136 00	35 77			
1137 00	35 79			
1138 00	35 71			
1139 00	35 79			
1140 00	35 74			
1141 00	35 68			
1142 00	35 89			
1143 00	35 84			
1144 00	35 77			
1145 00	35 74			
1146 00	35 82			
1147 00	35 76			
1148 00	35 77			
1149 00	35 85			
1150 00	35 75			
1151 00	35 80			
1152 00	35 75			
1153 00	35 83			
1154 00	35 85			
1155 00	35 84			
1156 00	35 76			
1157 00	35 74			
1158 00	35 77			
1159 00	35 84			
1160 00	35 79			
1161 00	35 70			
1162 00	35 75			
1163 00	35 73			
1164 00	35 75			
1165 00	35 86			
1166 00	35 66			
1167 00	35 65			
1168 00	35 78			
1169 00	35 77			
1170 00	35 70			
1171 00	35 77			
1172 00	35 79			
1173 00	35 93	35 90		
1174 00	35 67			
1175 00	35 87			
1176 00	35 65			
1177 00	35 67			
1178 00	35 91			
1179 00	35 70			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1180 00	35 72			
1181 00	35 77			
1182 00	35 67			
1183 00	35 77			
1184 00	35 80			
1185 00	35 80			
1186 00	35 84			
1187 00	35 76			
1188 00	35 83			
1189 00	35 76			
1190 00	35 89			
1191 00	35 87			
1192 00	35 70			
1193 00	35 87			
1194 00	35 78			
1195 00	35 83			
1196 00	35 73			
1197 00	35 73			
1198 00	35 84			
1199 00	35 77			
1200 00	35 73			
1201 00	35 82			
1202 00	35 78			
1203 00	35 67			
1204 00	35 79			
1205 00	35 80			
1206 00	35 92			
1207 00	35 73			
1208 00	35 89			
1209 00	35 78			
1210 00	35 81			
1211 00	35 67			
1212 00	35 84			
1213 00	35 74			
1214 00	35 69			
1215 00	35 74			
1216 00	35 71			
1217 00	35 76			
1218 00	35 77			
1219 00	35 67			
1220 00	35 79			
1221 00	35 75			
1222 00	35 75			
1223 00	35 69			
1224 00	35 80			
1225 00	35 82			
1226 00	35 73			
1227 00	35 76			
1228 00	35 65			
1229 00	35 74			
1230 00	35 72			
1231 00	35 74			
1232 00	35 70			
1233 00	35 63			
1234 00	35 76			
1235 00	35 67			
1236 00	35 70			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1237 00	35 77			
1238 00	35 72			
1239 00	35 77			
1240 00	35 73			
1241 00	35 72			
1242 00	35 70			
1243 00	35 80			
1244 00	35 75			
1245 00	35 74			
1246 00	35 82			
1247 00	35 73			
1248 00	35 72			
1249 00	35 79			
1250 00	35 75			
1251 00	35 71			
1252 00	35 77			
1253 00	35 72			
1254 00	35 75			
1255 00	35 73			
1256 00	35 73			
1257 00	35 77			
1258 00	35 72			
1259 00	35 68			
1260 00	35 72			
1261 00	35 73			
1262 00	35 82			
1263 00	35 76			
1264 00	35 85			
1265 00	35 70			
1266 00	35 66			
1267 00	35 82			
1268 00	35 79			
1269 00	35 72			
1270 00	35 76			
1271 00	35 78			
1272 00	35 82			
1273 00	35 76			
1274 00	35 75			
1275 00	35 79			
1276 00	35 66			
1277 00	35 73			
1278 00	35 75			
1279 00	35 69			
1280 00	35 77			
1281 00	35 76			
1282 00	35 75			
1283 00	35 71			
1284 00	35 78			
1285 00	35 82			
1286 00	35 71			
1287 00	35 79			
1288 00	35 73			
1289 00	35 90			
1290 00	35 87			
1291 00	35 71			
1292 00	35 76			
1293 00	35 77			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1294 00	35 73			
1295 00	35 86	36 04		
1296 00	35 66			
1297 00	35 79			
1298 00	35 48		1 62	0640 Hz = 201
1299 00	35 90	35 75		0641 Changed Generators
1300 00	36 00	35 84		
1301 00	36 01			
1302 00	35 94			
1303 00	35 98			
1304 00	36.55			
1305 00	36 06			
1306 00	36.28			
1307 00	36.25			
1308 00	36.20			
1309 00	36 14			0651 Pump stopped due to voltage error on Generator
1310 00	35 08	35 40		
1311 00	35 14	35 12		
1312 00	35.30	35 34		
1313 00	35.31			
1314 00	35 25		1 60	
1315 00	35.34	35 54		
1316 00	35.33			
1317 00	35.34			
1318 00	35 49			
1319 00	35.34	35 66		
1320 00	35.36			
1321 00	35.50			
1322 00	35.51			
1323 00	35 45			
1324 00	35 41			
1325 00	35 41			
1326 00	35 48			
1327 00	35.51			
1328 00	35 48			
1329 00	35 48	35 72		
1330 00	35 48			
1331 00	35.52			
1332 00	35 46	35 74		
1333 00	35 42			
1334 00	35.57			
1335 00	35 41			
1336 00	35.52			
1337 00	35.51			
1338 00	35.50			
1339 00	35 42			
1340 00	35 45			
1341 00	35.50			
1342 00	35 45			
1343 00	35 44			
1344 00	35.50			
1345 00	35 49			
1346 00	35 60			
1347 00	35 60			
1348 00	35.53			
1349 00	35 42			
1350 00	35 46			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1351 00	35 44			
1352 00	35.51			
1353 00	35.52			
1354 00	35.55			
1355 00	35.57			
1356 00	35 48			
1357 00	35 43			
1358 00	35 48			
1359 00	35.51			
1360 00	35 48			
1361 00	35.53			
1362 00	35.52			
1363 00	35.54			
1364 00	35 45			
1365 00	35 44			
1366 00	35.56			
1367 00	35 47			
1368 00	35.59			
1369 00	35.50			
1370 00	35.51			
1371 00	35 48			
1372 00	35 60			
1373 00	35.56			
1374 00	35 69			
1375 00	35 63			
1376 00	35.50			
1377 00	35.53			
1378 00	35.59			
1379 00	35 67			
1380 00	35 48	35 74		
1381 00	35.57			
1382 00	35.52			
1383 00	35 42			
1384 00	35.35			
1385 00	35.38			
1386 00	35.34			
1387 00	35.33		1 50	
1388 00	35 29			
1389 00	35.37			
1390 00	35.33			
1391 00	35 45			
1392 00	35.37			
1393 00	35.36			
1394 00	35 40		1.57	
1395 00	35 41			
1396 00	35 42		1.57	
1397 00	35 45			
1398 00	35 42			
1399 00	35 46			
1400 00	35.38			
1401 00	35.37			
1402 00	35 42			
1403 00	35 45			
1404 00	35 41			
1405 00	35 45			
1406 00	35.53			
1407 00	35.39			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1408 00	35 40			
1409 00	35 40			
1410 00	35.35			
1411 00	35.36			
1412 00	35 41			
1413 00	35 43			
1414 00	35.35			
1415 00	35.39			
1416 00	35 49			
1417 00	35 42			
1418 00	35.39			
1419 00	35.38			
1420 00	35 48			
1421 00	35 42			
1422 00	35.37			
1423 00	35 45			
1424 00	35 43			
1425 00	35 41			
1426 00	35 41			
1427 00	35.34			
1428 00	35.36			
1429 00	35 40			
1430 00	35 42			
1431 00	35 43			
1432 00	35 42			
1433 00	35.30			
1434 00	35.37			
1435 00	35 44			
1436 00	35.39			
1437 00	35 46			
1438 00	35.37			
1439 00	35 42			
1440 00	35 43			
1441 00	35 44			
1442 00	35.30			
1443 00	35.32			
1444 00	35.39			
1445 00	35.35			
1446 00	35.39			
1447 00	35 45			
1448 00	35 41			
1449 00	35 47			
1450 00	35.39			
1451 00	35.39			
1452 00	35 42			
1453 00	35 42			
1454 00	35 45			
1455 00	35.38			
1456 00	35.28			
1457 00	35 47			
1458 00	35 42			
1459 00	35 42			
1460 00	35 47			
1461 00	35 45			
1462 00	35.38			
1463 00	35.34			
1464 00	35 39			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1465 00	35 42			
1466 00	35.37			
1467 00	35 42			
1468 00	35.51			
1469 00	35 42			
1470 00	35 42			
1471 00	35.39			
1472 00	35 44			
1473 00	35.35			
1474 00	35.35			
1475 00	35.32			
1476 00	35 48			
1477 00	35 40			
1478 00	35 45			
1479 00	35 41			
1480 00	35 41			
1481 00	35 44			
1482 00	35.37			
1483 00	35.36			
1484 00	35 42			
1485 00	35.35			
1486 00	35 41			
1487 00	35 41			
1488 00	35.51			
1489 00	35.52			
1490 00	35 41			
1491 00	35.39			
1492 00	35 41			
1493 00	35 47			
1494 00	35.36			
1495 00	35 45			
1496 00	35.36			
1497 00	35 49			
1498 00	35.37			
1499 00	35.38			
1500 00	35.50			
1501 00	35 49			
1502 00	35 46			
1503 00	35 43			
1504 00	35 70			
1505 00	35 86			
1506 00	35 73			
1507 00	35 83			
1508 00	35 80			
1509 00	35 73			
1510 00	35 79			
1511 00	35 80			
1512 00	35 78			
1513 00	35 70			
1514 00	35 81			
1515 00	35 84			
1516 00	35 81			
1517 00	35 74			
1518 00	35 68			
1519 00	35 77			
1520 00	35 64			
1521 00	35 72			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1522 00	35 72			
1523 00	35 71			
1524 00	35 65			
1525 00	35 75			
1526 00	35 72			
1527 00	35 79			

Well 20891 File 06
SE1000B
Environmental Logger
05/01 04 43

Unit# 01007 Test# 0

INPUT 2 Level (F) TOC

Reference 35 68
Scale factor 10 03
Offset 0 00

Step# 0 04/30 11 25

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
0 0000	35.58	35 86		
1 0000	35 68			
2 0000	35.57			
3 0000	35.59			
4 0000	35 61			
5 0000	35 76			
6 0000	35 61			
7 0000	35 75			
8 0000	35 77			
9 0000	35 69			
10 0000	35 70			
11 0000	35 66			
12 0000	35 75			
13 0000	35 62			
14 0000	35 68			
15 0000	35 70			
16 0000	35 78			
17 0000	35 69			
18 0000	35 60			
19 0000	35 69			
20 0000	35 65			
21 0000	35 62			
22 0000	35 62			
23 0000	35 63			
24 0000	35 65			
25 0000	35 62			
26 0000	35 75			
27 0000	35 65			
28 0000	35 76			
29 0000	35 69			
30 0000	35.57			
31 0000	35 69			
32 0000	35 90			
33 0000	35 67			
34 0000	35 74			
35 0000	35 68			
36 0000	35 76			
37 0000	35 65			
38 0000	35 67			
39 0000	35 68			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
40 0000	35 73			
41 0000	35.57			
42 0000	35 74	35 70		
43 0000	35 68			
44 0000	35 61			
45 0000	35 72			
46 0000	35 71			
47 0000	35 71			
48 0000	35 77			
49 0000	35 74			
50 0000	35.55		1 61	
51 0000	35.59		1 60	
52 0000	35 65		1.59	
53 0000	35 68			
54 0000	35.57			1219 Hz = 202
55 0000	35 74			
56 0000	35 66			
57 0000	35 62			
58 0000	35 74			
59 0000	35 64			
60 0000	35.55			
61 0000	35 68			
62 0000	35.53			
63 0000	35.56			
64 0000	35 60			
65 0000	35 65			
66 0000	35 68			
67 0000	35 69			
68 0000	35.57			
69 0000	35 65			
70 0000	35.59			
71 0000	35.58			
72 0000	35.51			
73 0000	35.55			
74 0000	35 63			
75 0000	35.58			
76 0000	35 62			
77 0000	35 62			
78 0000	35.54			
79 0000	35 66			
80 0000	35 62			
81 0000	35.56			
82 0000	35 61			
83 0000	35 61			
84 0000	35 67			
85 0000	35.57			
86 0000	35 62			
87 0000	35 63			
88 0000	35 67			
89 0000	35 60			
90 0000	35 70			
91 0000	35 61			
92 0000	35 62			
93 0000	35 61			
94 0000	35 62			
95 0000	35 70			
96 0000	35 66			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
97 0000	35 65			
98 0000	35.57			
99 0000	35 60			
100 000	35 62			
101 000	35.55			
102 000	35.50			
103 000	35 63			
104 000	35 65			
105 000	35 78			
106 000	35 72			
107 000	35.56			
108 000	35 72			
109 000	35 69			
110 000	35 60			
111 000	35 72			
112 000	35 68			
113 000	35 71			
114 000	35.56			
115 000	35.56			
116 000	35 73			
117 000	35 67			
118 000	35 66			
119 000	35 70			
120 000	35.57			
121 000	35 65			
122 000	35.55			
123 000	35 74			
124 000	35 73			
125 000	35 60			
126 000	35 61			
127 000	35 67			
128 000	35 63			
129 000	35 64			
130 000	35 66			
131 000	35 61			
132 000	35 75			
133 000	35 73			
134 000	35 64			
135 000	35 62			
136 000	35 67			
137 000	35.56			
138 000	35 65			
139 000	35 64			
140 000	35 64			
141 000	35 70			
142 000	35 75			
143 000	35 68			
144 000	35 65			
145 000	35 63			
146 000	35 60			
147 000	35 68			
148 000	35 73			
149 000	35 66			
150 000	35 69			
151 000	35 60			
152 000	35 74			
153 000	35 71			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
154 000	35 62			
155 000	35 72			
156 000	35 70			
157 000	35 62			
158 000	35 66			
159 000	35 60			
160 000	35 78			
161 000	35 62			
162 000	35 60			
163 000	35 76			
164 000	35 74			
165 000	35.57			
166 000	35 74			
167 000	35 69			
168 000	35 65			
169 000	35 68			
170 000	35 81			
171 000	35 67			
172 000	35.58			
173 000	35 68			
174 000	35 64			
175 000	35 66			
176 000	35 74			
177 000	35 64			
178 000	35 65			
179 000	35 60			
180 000	35 63			
181 000	35 73			
182 000	35 61			
183 000	35 68			
184 000	35 64			
185 000	35.59			
186 000	35.57			
187 000	35 73			
188 000	35 69			
189 000	35.59			
190 000	35 65			
191 000	35.55			
192 000	35 68			
193 000	35 63			
194 000	35 65			
195 000	35 66			
196 000	35 67			
197 000	35 78			
198 000	35 67			
199 000	35 60			
200 000	35 71			
201 000	35 61			
202 000	35 67			
203 000	35 65			
204 000	35.59			
205 000	35.59			
206 000	35 79			
207 000	35.59			
208 000	35.58			
209 000	35 65			
210 000	35.58			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
211 000	35.51			
212 000	35.56			
213 000	35 63	35 68		
214 000	35 63			
215 000	35 60		1 62	
216 000	35 66			
217 000	35.57		1 62	
218 000	35 63			
219 000	35.53		1 63	
220 000	35 62			
221 000	35.54			
222 000	35.37			
223 000	35.31			
224 000	35.27			
225 000	35.25			
226 000	35.31			
227 000	35 61			
228 000	35 61			
229 000	35 61			
230 000	35 09			
231 000	35.59			
232 000	35.57			
233 000	35.56			
234 000	35.52			
235 000	35 71			
236 000	35 62			
237 000	35.56			
238 000	35 60			
239 000	35 66			
240 000	35.58			
241 000	35.57			
242 000	35 62			
243 000	35 60			
244 000	35 65			
245 000	35.56			
246 000	35.57			
247 000	35 65			
248 000	35 64			
249 000	35.59			
250 000	35 67			
251 000	35.58			
252 000	35 61			
253 000	35 68			
254 000	35 63			
255 000	35.58			
256 000	35 65			
257 000	35.54			
258 000	35 65			
259 000	35 60			
260 000	35 69	35 71		
261 000	35 68			
262 000	35 61			
263 000	35 66			
264 000	35.56			
265 000	35 65			
266 000	35 60			
267 000	35 64			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
268 000	35 65			
269 000	35 61			
270 000	35 61			
271 000	35 67			
272 000	35 62			
273 000	35.58			
274 000	35 69			
275 000	35 63			
276 000	35 72			
277 000	35 64			
278 000	35 73			
279 000	35.59			
280 000	35 69			
281 000	35 66			
282 000	35.59			
283 000	35 68			
284 000	35.53			
285 000	35 71			
286 000	35 62			
287 000	35 63			
288 000	35 64			
289 000	35.54			
290 000	35 62			
291 000	35 67			
292 000	35.57			
293 000	35 63			
294 000	35 62			
295 000	35 65			
296 000	35.58			
297 000	35.59			
298 000	35 65			
299 000	35 67			
300 000	35.59			
301 000	35 62			
302 000	35 84			
303 000	35 83			
304 000	35.54			
305 000	35 71			
306 000	35 85			
307 000	35.56			
308 000	35 62			
309 000	35 61			
310 000	35.58			
311 000	35 61			
312 000	35.59			
313 000	35.57			
314 000	35.56			
315 000	35 64			
316 000	35.59			
317 000	35 63			
318 000	35.57			
319 000	35 62			
320 000	35 70			
321 000	35.54			
322 000	35 71			
323 000	35 66			
324 000	35.59			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
325 000	35 61			
326 000	35 66			
327 000	35 65			
328 000	35 65			
329 000	35.59			
330 000	35 67			
331 000	35 72			
332 000	35 69			
333 000	35 60			
334 000	35 70			
335 000	35.50			
336 000	35 60			
337 000	35 62			
338 000	35 62			
339 000	35 68			
340 000	35 68			
341 000	35 73			
342 000	35 63			
343 000	35 69			
344 000	35 63			
345 000	35 63			
346 000	35 61			
347 000	35 67			
348 000	35 66			
349 000	35 62			
350 000	35 74			
351 000	35 68			
352 000	35.58			
353 000	35 62			
354 000	35 66			
355 000	35 63			
356 000	35 68			
357 000	35 74			
358 000	35 62			
359 000	35 68			
360 000	35 66			
361 000	35 67		1.59	
362 000	35 63		1 58	
363 000	35.59			
364 000	35 61			
365 000	35.59			
366 000	35 62			
367 000	35 60			
368 000	35.58			
369 000	35 67			
370 000	35 65			
371 000	35 81			
372 000	35 67			
373 000	35 70			
374 000	35 79			
375 000	35 69			
376 000	35 70			
377 000	35 72			
378 000	35.58			
379 000	35 72			
380 000	35 80			
381 000	35 80			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
382 000	35 63			
383 000	35 63			
384 000	35 74			
385 000	35 64			
386 000	35 67			
387 000	35 73			
388 000	35 69			
389 000	35 61			
390 000	35 72			
391 000	35 63			
392 000	35 76			
393 000	35 68			
394 000	35 70			
395 000	35 71			
396 000	35 67			
397 000	35 76			
398 000	35 70			
399 000	35 62			
400 000	35 69			
401 000	35 76			
402 000	35 61			
403 000	35 68			
404 000	35 61			
405 000	35 71			
406 000	35 67			
407 000	35 64			
408 000	35.58			
409 000	35 66			
410 000	35 75			
411 000	35 65			
412 000	35 65			
413 000	35 65			
414 000	35 63			
415 000	35 68			
416 000	35 73			
417 000	35.59			
418 000	35 76			
419 000	35 64			
420 000	35 61			
421 000	35 76			
422 000	35 62			
423 000	35 79			
424 000	35 73			
425 000	35 66			
426 000	35 73			
427 000	35 70			
428 000	35 65			
429 000	35 62			
430 000	35 71			
431 000	35 74			
432 000	35 68			
433 000	35 72			
434 000	35 72			
435 000	35 06			
436 000	35 00			
437 000	35 63			
438 000	35 87			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
439 000	35 62			
440 000	35 62			
441 000	35 71			
442 000	35 62			
443 000	35 74			
444 000	35 75			
445 000	35 68			
446 000	35 73			
447 000	35.59			
448 000	35 70			
449 000	35 65			
450 000	35 64			
451 000	35 69			
452 000	35 78			
453 000	35 69			
454 000	35 77			
455 000	35 68			
456 000	35 71			
457 000	35 74			
458 000	35 80			
459 000	35 77			
460 000	35 76			
461 000	35 83			
462 000	35 74			
463 000	35 79			
464 000	35 75			
465 000	35 77			
466 000	35 71	35 80		
467 000	35 81			
468 000	35 75			
469 000	35 74			
470 000	35 90			
471 000	35 79			
472 000	35 67			
473 000	35 70			
474 000	35 64			
475 000	35 76			
476 000	35 73			
477 000	35 75			
478 000	35 61			
479 000	35 83			
480 000	35 81			
481 000	35 76			
482 000	35 63			
483 000	35 75			
484 000	35 66			
485 000	35 81			
486 000	35 69			
487 000	35 72			
488 000	35 76			
489 000	35 70			
490 000	35 71			
491 000	35 71			
492 000	35 67			
493 000	35 74			
494 000	35 73			
495 000	35 64			

Elapsed Time	Value	Hand Meas.	Flow Rate (Bucket Test)	Remarks
496 000	35 69			
497 000	35 76			
498 000	35 73			
499 000	35 67			
500 000	35 72			
501 000	35 78			
502 000	35 73			
503 000	35 79			
504 000	35 70			
505 000	35 71			
506 000	35 68			
507 000	35 69			
508 000	35 67			
509 000	35 82			
510 000	35 76			
511 000	35 78			
512 000	35 62			
513 000	35 70			
514 000	35 83			
515 000	35 74			
516 000	35 74			
517 000	35 62			
518 000	35 80			
519 000	35 67			
520 000	35 68			
521 000	35 75			
522 000	35 72			
523 000	35 80			
524 000	35 79			
525 000	35 74			
526 000	35 77			
527 000	35 77			
528 000	35 72			
529 000	35 76			
530 000	35 63			
531 000	35 77			
532 000	35 73			
533 000	35 68			
534 000	35 78			
535 000	35 69			
536 000	35 73			
537 000	35 74			
538 000	35 76			
539 000	35 84			
540 000	35 77			
541 000	35 78			
542 000	35 81			
543 000	35 79			
544 000	35 81			
545 000	35 82			
546 000	35 69		1 60	2036 Hz = 201
547 000	35 72			
548 000	35 78			
549 000	35 67			
550 000	35 79			
551 000	35 78			
552 000	35 69			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
553 000	35 80	35 86		
554 000	35 82			
555 000	35 82			
556 000	35 79			
557 000	35.95			
558 000	35 89			
559 000	35 84			
560 000	35 85			
561 000	35 84			
562 000	35 79			
563 000	35.90			
564 000	35 89			
565 000	35 77			
566 000	35.94			
567 000	35 95			
568 000	35 82			
569 000	35 76			
570 000	35 86			
571 000	35 86			
572 000	35 85			
573 000	35 74			
574 000	35.92			
575 000	35 72			
576 000	35.96			
577 000	35 78			
578 000	35 85			
579 000	35 88			
580 000	35 86			
581 000	35 87			
582 000	35 92			
583 000	35 85			
584 000	35 81			
585 000	35 74			
586 000	35 73			
587 000	35 85			
588 000	35 80			
589 000	35 91			
590 000	35 80			
591 000	35 83			
592 000	35 83			
593 000	35 85			
594 000	35 84			
595 000	35 84			
596 000	35 86			
597 000	35 84			
598 000	35 87			
599 000	35 83			
600 000	35 84			
601 000	35 81			
602 000	35 82			
603 000	35 86			
604 000	35 85			
605 000	35 77			
606 000	35 81			
607 000	35 86			
608 000	35 80			
609 000	35 75			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
610 000	35 93			
611 000	35.91			
612 000	35 83			
613 000	35 84			
614 000	35 79			
615 000	35 84			
616 000	35 86			
617 000	35 85			
618 000	35 81			
619 000	35.93			
620 000	35 86			
621 000	35 87			
622 000	35 78			
623 000	35 80			
624 000	35 78			
625 000	35 89			
626 000	35 88			
627 000	35 79			
628 000	35 84			
629 000	35 79			
630 000	35 89			
631 000	35 89			
632 000	35 91			
633 000	35.90			
634 000	35 88			
635 000	35 95			
636 000	35 90			
637 000	35 77			
638 000	35 87			
639 000	35 87			
640 000	35 90			
641 000	35 84			
642 000	35 88			
643 000	35 84			
644 000	35 96			
645 000	35 93			
646 000	35 85			
647 000	35 87			
648 000	35 85			
649 000	35.91			
650 000	35 95			
651 000	35 82			
652 000	35 82			
653 000	35 80			
654 000	35 76			
655 000	35 79			
656 000	35 80			
657 000	35 80			
658 000	35 92			
659 000	35 91			
660 000	35 85			
661 000	35 95			
662 000	35 85			
663 000	35 84			
664 000	35 86			
665 000	35 85			
666 000	38.59			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
667 000	35 76			
668 000	35 86			
669 000	35.92			
670 000	35 94	35 94		
671 000	35.98			
672 000	36 00			
673 000	35.93			
674 000	35.94			
675 000	35 97			
676 000	35 86			
677 000	36 02		1 63	2242. Hz = 200
678 000	35.99			
679 000	35.95			
680 000	35.99			
681 000	35.94			
682 000	36 03			
683 000	36 09			
684 000	35 96			
685 000	35.98			
686 000	36 05			
687 000	36 05			
688 000	35.93			
689 000	36 06			
690 000	36 02			
691 000	35 91			
692 000	36 02			
693 000	36 02			
694 000	35 91			
695 000	36 07			
696 000	35.96			
697 000	36 10			
698 000	36 07			
699 000	35 92			
700 000	36 04			
701 000	35 97			
702 000	36 09			
703 000	35.99			
704 000	36 05			
705 000	35 95			
706 000	36 05			
707 000	36 09			
708 000	36 06			
709 000	36 07			
710 000	35 97			
711 000	36 01			
712 000	36 09			
713 000	36 03			
714 000	36 10			
715 000	36 04			
716 000	35 98			
717 000	36 06			
718 000	36 06			
719 000	36 00			
720 000	35 98			
721 000	36 03			
722 000	35 95			
723 000	36 10			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
724 000	36 04			
725 000	35 98			
726 000	35.99			
727 000	35.98			
728 000	36 04			
729 000	36 00			
730 000	35 87			
731 000	35.96			
732 000	36 07			
733 000	35.98			
734 000	35.97			
735 000	36 06			
736 000	36 09			
737 000	35.92			
738 000	35.97			
739 000	35.99			
740 000	35.91			
741 000	35 94			
742 000	36 01			
743 000	35.96			
744 000	36 03			
745 000	35.95			
746 000	36 00			
747 000	35.95			
748 000	35.99			
749 000	35.98			
750 000	35 87			
751 000	36 06			
752 000	35 85			
753 000	36 01			
754 000	35 96			
755 000	36 09			
756 000	35 84			
757 000	35 87			
758 000	35 88			
759 000	35 93			
760 000	36 00			
761 000	35.98			
762 000	36 03			
763 000	35 94			
764 000	36 03			
765 000	35 88			
766 000	35.92			
767 000	35.98			
768 000	36 01			
769 000	35.91			
770 000	36 00			
771 000	35 97			
772 000	36 11			
773 000	35.90			
774 000	35 99			
775 000	35 97			
776 000	36 03			
777 000	36 26			
778 000	36 24			
779 000	35 99			
780 000	36 00			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
781 000	36 01			
782 000	36 07			
783 000	35 98	36 04		
784 000	35.91			
785 000	36 01			
786 000	36 00			
787 000	36 05			
788 000	36 05			
789 000	36 03			
790 000	35.98			
791 000	35.96			
792 000	36 09			
793 000	35.94			
794 000	36 03			
795 000	35.97			
796 000	36 01			
797 000	36 14			
798 000	36 04			
799 000	35 98			
800 000	35 95			
801 000	36 07			
802 000	35.96			
803 000	36 11			
804 000	36 06			
805 000	35 99			
806 000	36 00			
807 000	36 09			
808 000	36 15			
809 000	35.96			
810 000	36 04			
811 000	35 96			
812 000	36 06			
813 000	36 13			
814 000	35 98			
815 000	36 07			
816 000	36 07			
817 000	36 14			
818 000	36 03			
819 000	36 08			
820 000	36 09			
821 000	36 11			
822 000	36 03			
823 000	35 99			
824 000	36 15			
825 000	36 13			
826 000	35 99			
827 000	35.98			
828 000	35 98			
829 000	36 07			
830 000	36 03			
831 000	36 08			
832 000	36 06			
833 000	35 96			
834 000	36 01			
835 000	36 03			
836 000	35 97			
837 000	36 00			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
838 000	35.97			
839 000	36 03			
840 000	36 04			
841 000	36 10			
842 000	35.97			
843 000	36 08			
844 000	36 08			
845 000	36 11			
846 000	36 09			
847 000	36 09			
848 000	36 07			
849 000	36 06			
850 000	36 09			
851 000	36 03			
852 000	35.99			
853 000	35.98			
854 000	36 02			
855 000	36 10			
856 000	35 97			
857 000	36 06			
858 000	36 02			
859 000	35 93			
860 000	36 09			
861 000	35.97			
862 000	36 13			
863 000	36 02			
864 000	36 07			
865 000	36 00			
866 000	36 07			
867 000	36 02			
868 000	35 93			
869 000	35 99			
870 000	36 05			
871 000	36 16			
872 000	35.94			
873 000	36 06			
874 000	36 02			
875 000	36 12			
876 000	36 06			
877 000	35.97			
878 000	36 10			
879 000	36 12			
880 000	36 06			
881 000	36 02			
882 000	36 12			
883 000	35 94			
884 000	36 11			
885 000	36 10			
886 000	35.99			
887 000	36 00			
888 000	36 02			
889 000	36 01			
890 000	36 06			
891 000	36 00			
892 000	36 10			
893 000	36 07			
894 000	36 07			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
895 000	36 12			
896 000	36 13			
897 000	35.93			
898 000	36 02		1 61	0223 Hz = 200
899 000	35 99	36 12		
900 000	36 14			
901 000	36 10			
902 000	35.99			
903 000	36 16			
904 000	36 11			
905 000	36 03			
906 000	36 15			
907 000	36 09			
908 000	36 16			
909 000	36 06			
910 000	36 11			
911 000	36 07			
912 000	36 13			
913 000	36 06			
914 000	36 11			
915 000	36 10			
916 000	36 02			
917 000	36.24			
918 000	36 13			
919 000	36 08			
920 000	36 11			
921 000	36 08			
922 000	36 08			
923 000	36 09			
924 000	36 15			
925 000	36 14			
926 000	36 11			
927 000	36 18			
928 000	36 07			
929 000	36 11			
930 000	36 13			
931 000	36 24			
932 000	36 20			
933 000	36 18			
934 000	36 15			
935 000	36.22			
936 000	36 09			
937 000	36 10			
938 000	36 14			
939 000	36 06			
940 000	36 21			
941 000	36 13			
942 000	36 05			
943 000	36 16			
944 000	36 09			
945 000	36 25			
946 000	36 15			
947 000	36 04			
948 000	36 15			
949 000	36 21			
950 000	36 10			
951 000	36 16			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
952 000	36 13			
953 000	36.21			
954 000	36 11			
955 000	36 16			
956 000	36 13			
957 000	36 18			
958 000	36 12			
959 000	36 09			
960 000	36.25			
961 000	36.25			
962 000	36 17			
963 000	36.21			
964 000	36 17			
965 000	36 19			
966 000	36 12			
967 000	36.21			
968 000	36 14			
969 000	36 12			
970 000	36 21			
971 000	36.26			
972 000	36.21			
973 000	36 15			
974 000	36.24			
975 000	36.25			
976 000	36.22			
977 000	36.21			
978 000	36 23			
979 000	36 20			
980 000	36.21			
981 000	36.27			
982 000	36 18			
983 000	36 21			
984 000	36 22			
985 000	36 19			
986 000	36 22			
987 000	36 19			
988 000	36.30			
989 000	36 19			
990 000	36.23			
991 000	36 19			
992 000	36 15			
993 000	36 11			
994 000	36 14			
995 000	36 20			
996 000	36 29			
997 000	36 16			
998 000	36 16			
999 000	36 15			
1000 00	36 12			
1001 00	36 20			
1002 00	36 29			
1003 00	36 29			
1004 00	36 12			
1005 00	36 17			
1006 00	36.24			
1007 00	36 35			
1008 00	36 15			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1009 00	36.20			
1010 00	36.31			
1011 00	36.30			
1012 00	36.29			
1013 00	36.25			
1014 00	36.25			
1015 00	36.27	36 22		
1016 00	36.28			
1017 00	36 17			
1018 00	36.23			
1019 00	36.20			
1020 00	36.22			
1021 00	36.26			
1022.00	36 11			

Well 20891 File 07
SE1000B
Environmental Logger
05/02 04 30

Unit# 01007 Test# 0

INPUT 2 Level (F) TOC

Reference 36 26
Scale factor 10 03
Offset 0 00

Step# 0 05/01 04 59

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Rem rks
--			---- ---	--
0 0000	36.47			
1 0000	36.31			
2 0000	36 39			
3 0000	36 29			
4 0000	36.37			
5 0000	36.32			
6 0000	36.35			
7 0000	36 42			
8 0000	36.39			
9 0000	36.43			
10 0000	36 42			
11 0000	36.35			
12 0000	36 38			
13 0000	36 40			
14 0000	36 41			
15 0000	36 48			
16 0000	36 41			
17 0000	36 40			
18 0000	36 34			
19 0000	36 41			
20 0000	36 43			
21 0000	36 42			
22 0000	36 38			
23 0000	36 47			
24 0000	36 36			
25 0000	36 32			
26 0000	36 36			
27 0000	36 43			
28 0000	36 43			
29 0000	36 47			
30 0000	36 45			
31 0000	36 42			
32 0000	36 43			
33 0000	36 43			
34 0000	36 55			
35 0000	36 38			
36 0000	36 40			
37 0000	36 36			
38 0000	36 45			
39 0000	36 29			
40 0000	36 46			
41 0000	36 35			
42 0000	36 41			
43 0000	36 46			
44 0000	36 35			
45 0000	36 32			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Rem rks
--	---		-- --	--
46 0000	36 40			
47 0000	36 32			
48 0000	36 40			
49 0000	36 39			
50 0000	36 34			
51 0000	36 42			
52 0000	36.37			
53 0000	36 38			
54 0000	36 45			
55 0000	36 29			
56 0000	36 42			
57 0000	36.38		1 58	0556 H = 200
58 0000	36.33			
59 0000	36 40			
60 0000	36 47			
61 0000	36 35			
62 0000	36 42			
63 0000	36 39			
64 0000	36 32			
65 0000	36 43			
66 0000	36 36			
67 0000	36 37			
68 0000	36 49			
69 0000	36 46			
70 0000	36 41			
71 0000	36 37			
72 0000	36 40			
73 0000	36.37			
74 0000	36 46			
75 0000	36 41			
76 0000	36 37			
77 0000	36 34			
78 0000	36 42			
79 0000	36 34			
80 0000	36 47			
81 0000	36 41			
82 0000	36 38			
83 0000	36 35			
84 0000	36 43			
85 0000	36 41			
86 0000	36 29			
87 0000	36 43			
88 0000	36 41			
89 0000	36 45			
90 0000	36 43			
91 0000	36 40			
92 0000	36 39			
93 0000	36 38			
94 0000	36 48			
95 0000	36 48			
96 0000	36 37			
97 0000	36 44			
98 0000	36 53			
99 0000	36 38			
100 000	36 49			
101 000	36 37			
102 000	36 43			
103 000	36 41			
104 000	36 46			
105 000	36 38			
106 000	36 37			
107 000	36 39			
108 000	36 38			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Te t)	Remarks
---	------	--	-- --	-- --
109 000	36 45			
110 000	36 35			
111 000	36 38			
112.000	36 45			
113 000	36 49			
114 000	36.51			
115 000	36.50			
116.000	36.33			
117 000	36.49			
118 000	36 43			
119 000	36.52			
120.000	36 44			
121 000	36 44			
122.000	36.51			
123 000	36.35			
124 000	36.41			
125 000	36.41			
126.000	36 42			
127 000	36 38			
128 000	36 43			
129 000	36 38			
130 000	36 43			
131 000	36 48			
132.000	36 35			
133 000	36 40			
134 000	36 49			
135 000	36 40			
136.000	36 37			
137 000	36.38			
138 000	36 48			
139 000	36 47			
140 000	36 41			
141 000	36 46			
142.000	36 41			
143 000	36 43			
144 000	36 36			
145 000	36 48			
146 000	36 43			
147 000	36 38			
148 000	36 48			
149 000	36 46			
150 000	36 44			
151 000	36 44			
152.000	36 45			
153 000	36 45			
154 000	36 45			
155 000	36 38			
156.000	36 32		1 62	
157 000	36 29			
158 000	36 43			
159 000	36 39			
160 000	36 38			
161 000	36 47			
162.000	36 36			
163 000	36 32			
164 000	36 37			
165 000	36 38			
166 000	36 39			
167 000	36 40			
168 000	36 37			
169 000	36 45			
170 000	36 31			
171 000	36 30			

Elapsed Time	Val e	Hand M	Flow Rate (Bucket T t)	Rem rks
172.000	36.30			
173 000	36.30			
174 000	36.37			
175 000	36.33			
176.000	36 30			
177 000	36.38	36 22		
178 000	36.36			
179 000	36.40			
180 000	36.33			
181 000	36.36			
182.000	36.32			
183 000	36.34			
184 000	36.38			
185 000	36.39			
186.000	36.37			
187 000	36.34			
188.000	36.36			
189 000	36.34			
190 000	36.41			
191 000	36 44			
192.000	36 31			
193 000	36 38			
194 000	36.35			
195 000	36.34			
196.000	36.30			
197 000	36.31			
198 000	36 38			
199 000	36 36			
200 000	36.39			
201 000	36 34			
202.000	36 38			
203 000	36 37			
204 000	36 33			
205 000	36 38			
206 000	36 41			
207 000	36 41			
208 000	36 30			
209 000	36 29			
210 000	36 28			
211 000	36 35			
212.000	36 24			
213 000	36 43			
214 000	36 37			
215 000	36 32			
216.000	36.32			
217 000	36 36			
218 000	36 31			
219 000	36 34			
220 000	36.51			
221 000	36 34			
222.000	36 46			
223 000	36 37	36 22		
224 000	36 36			
225 000	36 31			
226.000	36 34		1 63	
227 000	36 39			
228 000	36.36			
229 000	36 26			
230 000	36 40			
231 000	36 38			
232.000	36 31			
233 000	36 40			
234 000	36 72	36 08		

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
235 000	35 89			
236.000	36 07			
237 000	36 21			
238 000	36 27			
239 000	36.31			
240 000	36.16			
241 000	36 17			
242.000	36 26			
243 000	36.21			
244 000	36.26			
245 000	36.36			
246.000	36.31			
247 000	36.22			
248 000	36 28			
249 000	36 30			
250.000	36.24			
251 000	36 24			
252.000	36.20			
253 000	36 22			
254 000	36 20			
255 000	36 16			
256.000	36 18			
257 000	36 24			
258.000	36 24			
259 000	36 16			
260 000	36 18			
261 000	36 09	36 16		
262.000	36 19			
263 000	36 15			
264 000	36 19			
265 000	36 18			
266.000	36 18			
267 000	36 17			
268 000	36 21			
269 000	36 07			
270 000	36 14			
271 000	36 14			
272.000	36 09			
273 000	36 17			
274 000	36 14			
275 000	36 14			
276.000	36 25			
277 000	36 17			
278 000	36 16			
279 000	36 19			
280 000	36 26			
281 000	36 20			
282.000	36 24			
283 000	36 17			
284 000	36 22			
285 000	36 13			
286.000	36 16			
287 000	36 21			
288 000	36 10			
289 000	36 20			
290 000	36 14			
291 000	36 23			
292.000	36 18			
293 000	36 15			
294 000	36 16			
295 000	36 23			
296.000	36 14			
297 000	36 23			

Elapsed Tim	Valu	Hand Meas	Flow Rate (Bucket Test)	Rem rks
298 000	36 18			
299 000	36 21			
300 000	36 18			
301 000	36 16			
302.000	36.13			
303 000	36.27			
304 000	36.15			
305 000	36.12			
306.000	36.20			
307 000	36 17			
308 000	36 08			
309 000	36.17			
310 000	36.20			
311 000	36.19			
312.000	36.18			
313 000	36 19			
314 000	36 20			
315 000	36 09			
316.000	36 14			
317 000	36 18			
318 000	36 19			
319 000	36 17			
320 000	36.15			
321 000	36.23			
322.000	36 20			
323 000	36 19			
324 000	36 15			
325 000	36.17			
326.000	36.20			
327 000	36 20			
328 000	36 20			
329 000	36 20			
330 000	36 21			
331 000	36 21			
332.000	36 17			
333 000	36 29			
334 000	36 13			
335 000	36 16			
336.000	36 28			
337 000	36 13			
338 000	36 21			
339 000	36 23			
340 000	36 27			
341 000	36 15			
342.000	36 22			
343 000	36 11			
344 000	36 16			
345 000	36 22			
346.000	36 23			
347 000	36 17			
348 000	36 15			
349 000	36 21			
350 000	36 15			
351 000	36 26			
352.000	36 21			
353 000	36 17			
354 000	36 21			
355 000	36 22			
356 000	36 15			
357 000	36 21			
358 000	36 18			
359 000	36 20			
360 000	36 17			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
361 000	36.25			
362.000	36.26			
363 000	36 16			
364 000	36.25			
365 000	36.24			
366.000	36.24			
367 000	36.23			
368 000	36.16			
369 000	36.11			
370.000	36.17			
371 000	36.24			
372.000	36.27			
373 000	36.19			
374 000	36 11			
375 000	36.15			
376.000	36.26			
377 000	36 17			
378 000	36 15			
379 000	36 25			
380.000	36 20			
381 000	36.26			
382.000	36.29			
383 000	36.20			
384 000	36.18			
385 000	36 15			
386.000	36.22			
387 000	36 17			
388 000	36.18			
389 000	36.28			
390 000	36 26			
391 000	36.16			
392.000	36.26			
393 000	36 15			
394 000	36 20			
395 000	36 26			
396.000	36 23			
397 000	36.20			
398 000	36 26			
399 000	36 28			
400 000	36 19			
401 000	36 21			
402.000	36 26			
403 000	36.27			
404 000	36 28			
405 000	36.24			
406.000	36 28			
407 000	36 25			
408 000	36 38			
409 000	36 18			
410 000	36 16			
411 000	36 21			
412.000	36 18			
413 000	36 27			
414 000	36 20			
415 000	36 28			
416.000	36 20	36 11		
417 000	36 20			
418 000	36 20			
419 000	36 31			
420 000	36 20			
421 000	36 29			
422.000	36 18			
423 000	36 23			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket T t)	Rem rks
---	---	--	--	
424 000	36.25			
425 000	36.26			
426.000	36.28			
427 000	36.20			
428 000	36.30			
429 000	36.20			
430.000	36.25			
431 000	36.20			
432.000	36.17			
433 000	36.23			
434 000	36 17		1 62	1213 Hz = 200
435 000	36.23		1 63	
436.000	36.23			
437 000	36.15			
438 000	36 02			
439 000	36 14			
440 000	36.19			
441 000	36.22			
442.000	36.12			
443 000	36.16			
444 000	36.20			
445 000	36.25			
446.000	36 17			
447 000	36.20			
448 000	36 16			
449 000	36.20			
450 000	36.20			
451 000	36 14			
452.000	36 22			
453 000	36.16			
454 000	36.19			
455 000	36 16			
456.000	36 20			
457 000	36 16			
458.000	36 15			
459 000	36 24			
460 000	36 21			
461 000	36 17			
462.000	36 27			
463 000	36 15			
464 000	36 18			
465 000	36 17			
466.000	36 22			
467 000	36 08			
468 000	36 20			
469 000	36 26			
470 000	36 18			
471 000	36 16			
472.000	36 13			
473 000	36 22			
474 000	36 21			
475 000	36 24			
476.000	36 18			
477 000	36 17			
478 000	36 13			
479 000	36 18			
480 000	36 10			
481 000	36 20			
482.000	36 18			
483 000	36 12			
484 000	36 26			
485 000	36 21			
486 000	36 18			

Elapsed Time	Value	Hand Meas	Fl w Rate (Bucket Test)	Remarks
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487 000	36.21			
488 000	36 15			
489 000	36 22			
490 000	36.19			
491 000	36.23			
492.000	36 18			
493 000	36 17			
494 000	36 22			
495 000	36 11			
496.000	36.24			
497 000	36.22			
498.000	36.24			
499 000	36.15			
500.000	36.26			
501 000	36.20			
502.000	36.12			
503 000	36.27			
504 000	36 27			
505 000	36 23			
506.000	36 19			
507 000	36 20			
508 000	36 29			
509 000	36 20			
510 000	36.21			
511 000	36 23			
512.000	36.27			
513 000	36 18			
514 000	36 22			
515 000	36 22			
516.000	36 18			
517 000	36 23			
518 000	36 19			
519 000	36 22			
520 000	36 15			
521 000	36 25			
522.000	36 27			
523 000	36 17			
524 000	36 19			
525 000	36 17			
526.000	36 26			
527 000	36 19			
528 000	36 15			
529 000	36 25			
530 000	36 17			
531 000	36 16			
532.000	36 14			
533 000	36 07			
534 000	36 07			
535 000	36 16			
536.000	36 09			
537 000	36 12			
538 000	36 13			
539 000	36 27			
540 000	36 21			
541 000	36 08			
542.000	36.21			
543 000	36 20			
544 000	36 21			
545 000	36 14			
546 000	36 17			
547 000	36 12			
548 000	36 15			
549 000	36 08			

Elapsed Tim	Valu	Hand Meas	Flow Rate (Bucket Test)	Rem rk
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550 000	36.23			
551 000	36 13			
552.000	36 11			
553 000	36 20			
554 000	35 81			
555 000	35 84			
556.000	35 89			
557 000	35 84			
558 000	35 78			
559 000	35 84			
560 000	35 83			
561 000	35 88			
562.000	35 84			
563 000	35 81			
564 000	35 80			
565 000	35 92			
566.000	35 79			
567 000	35 80			
568 000	35 83			
569 000	35 87			
570 000	35 88			
571 000	35 95			
572.000	35 81			
573 000	35 86			
574 000	35 94			
575 000	35 99			
576.000	35 90			
577 000	35 99			
578 000	35 88			
579 000	35 90			
580 000	35 93			
581 000	35 91			
582.000	35 96			
583 000	35 92			
584 000	35 82			
585 000	35 96			
586.000	35 92			
587 000	35 93			
588 000	35 85			
589 000	35 84			
590 000	35 92			
591 000	35 92			
592.000	35 94			
593 000	35 90			
594 000	35 82			
595 000	35 90			
596.000	35 79			
597 000	35 84			
598 000	35 83			
599 000	35 89			
600 000	36 03			
601 000	35 94			
602.000	36 02			
603 000	35 89			
604 000	35 89			
605 000	35 99			
606 000	36 02			
607 000	35 91			
608 000	35 89			
609 000	35 89			
610 000	35 94			
611 000	35 91			
612 000	36 00			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
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613 000	35 98			
614 000	35 98			
615 000	35 94			
616.000	36 01			
617 000	35 97			
618 000	36.11			
619 000	35 97			
620 000	35 98			
621 000	36 08			
622.000	36 00			
623 000	36 04			
624 000	35 94			
625 000	36 03			
626.000	35 98			
627 000	36 00			
628.000	36 08			
629 000	35 98			
630 000	36 04			
631 000	36 02			
632.000	36 02			
633 000	36 09			
634 000	36 02			
635 000	36 00			
636.000	36 03			
637 000	36 05			
638 000	35 90			
639 000	35 97			
640 000	36 02			
641 000	36.11			
642.000	36 03			
643 000	35 94			
644 000	36 04			
645 000	36 04			
646.000	36 12			
647 000	36 05			
648 000	35 99			
649 000	36 10			
650 000	36 02			
651 000	35 98			
652.000	36 03			
653 000	36 04			
654 000	36 00			
655 000	35 95			
656.000	35 96			
657 000	36 00			
658 000	35 95			
659 000	35 94			
660 000	36 05			
661 000	35 94			
662.000	35 92			
663 000	35 98			
664 000	36 05			
665 000	35 90			
666.000	36 00			
667 000	35 98			
668 000	36 04			
669 000	35 99			
670 000	36 02			
671 000	36 03			
672.000	35 89			
673 000	35 98			
674 000	35 99			
675 000	35 96			

Elapsed Time	Value	Hand Meas	Fl w Rate (Bucket Test)	Remarks
676.000	36.16			
677 000	36.15			
678 000	35 98			
679 000	36 01			
680 000	35 91			
681 000	36.13			
682.000	36.01			
683 000	35 99			
684 000	35 92			
685 000	35 96			
686.000	35 98			
687 000	35 91			
688 000	35 90			
689 000	35 94			
690 000	36.00			
691 000	36.03			
692.000	36 03			
693 000	36.02			
694 000	35 98			
695 000	36.04			
696.000	36.03			
697 000	35 96			
698 000	35 98			
699 000	35 94			
700 000	36 08			
701 000	36 03			
702.000	35 99			
703 000	35 98			
704 000	36 00			
705 000	36.09			
706.000	36 07			
707 000	35 95			
708 000	36 08			
709 000	36 00			
710 000	36 00			
711 000	35 96			
712.000	36 00			
713 000	35 87			
714 000	36 03			
715 000	35 94			
716 000	36 01			
717 000	36 08			
718 000	36 02			
719 000	36 02			
720 000	35 97			
721 000	35 89			
722.000	36 08			
723 000	36 06			
724 000	36 00			
725 000	35 94			
726.000	36 09			
727 000	35 92			
728 000	35 94			
729 000	36 00			
730 000	35 96			
731 000	36 08			
732.000	35 96			
733 000	36 05	36 15		
734 000	36 00			
735 000	36 07			
736.000	36 00		1 62	1715 Hz = 202
737 000	35 92			
738 000	35 95			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
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739 000	36 24			
740 000	35 96			
741 000	36 06			
742.000	36 06			
743 000	36.07			
744 000	36 00			
745 000	36 05			
746.000	36 09			
747 000	36 07			
748.000	36 07			
749 000	36 11			
750.000	35 99			
751 000	36 04			
752.000	36.13			
753 000	36.07			
754 000	36 06			
755 000	36.02			
756.000	36 09			
757 000	36 00			
758 000	36 06			
759 000	36 06			
760 000	36 06			
761 000	36 08			
762.000	36 05			
763 000	35 99			
764 000	36 02			
765 000	36 07			
766.000	35 96			
767 000	36 04			
768 000	36 02			
769 000	36 06			
770 000	36 02			
771 000	36 02			
772.000	36 08			
773 000	35 96			
774 000	35 96			
775 000	35 91			
776.000	35 95			
777 000	36 04			
778 000	36 11			
779 000	36 00			
780 000	36 04			
781 000	35 96			
782.000	35 97			
783 000	36 02			
784 000	36 07			
785 000	35 93			
786.000	36 05			
787 000	36 05			
788 000	36 05			
789 000	36 01			
790 000	35 97			
791 000	36 09			
792.000	36 02			
793 000	36 07			
794 000	36 02			
795 000	36 02			
796 000	35 95			
797 000	36 01			
798 000	36 02			
799 000	36 13			
800 000	36 01			
801 000	36 13			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
802.000	36 10			
803 000	36 10			
804 000	36 08			
805 000	36 08			
806.000	36 13			
807 000	36.05			
808 000	36 08			
809 000	36.12			
810 000	36.13			
811 000	36 03			
812.000	36.16			
813 000	36.10			
814 000	36 16			
815 000	36 14			
816.000	36.22			
817 000	36.10			
818.000	36 12			
819 000	36 13			
820 000	36 18			
821 000	36 12			
822.000	36 08			
823 000	36 10			
824 000	36 19			
825 000	36 12			
826.000	36 10			
827 000	36 17			
828 000	36.17			
829 000	36 20			
830 000	36 19			
831 000	36 16			
832.000	36 19			
833 000	36 20			
834 000	36 14			
835 000	36.18			
836.000	36 11			
837 000	36 19			
838 000	36 25			
839 000	36 12			
840 000	36 20			
841 000	36 14			
842.000	36 14			
843 000	36 19			
844 000	36 20			
845 000	36 16			
846.000	36 19			
847 000	36 17	36 28		
848 000	36 22			
849 000	36 20			
850 000	36 15			
851 000	36 31			
852.000	36 14			
853 000	36 10			
854 000	36 20			
855 000	36 28			
856.000	36 15			
857 000	36 30			
858 000	36 17			
859 000	36 18			
860 000	36 14			
861 000	36 08			
862.000	36 18		1 56	1921 Hz = 202
863 000	36 18			
864 000	36 19			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
865 000	36 05			1924 Changed Generators
866.000	36.24			
867 000	36 34			
868 000	36 36			
869 000	36.39			
870 000	36.37			
871 000	36.26			
872.000	36.28			
873 000	36.26			
874 000	36.25			
875 000	36.28			
876.000	36.29			
877 000	36.29			
878 000	36.29			
879 000	36.23			
880 000	36.26			
881 000	36.35			
882.000	36.22			
883 000	36 33			
884 000	36 22			
885 000	36 28			
886.000	36.27			
887 000	36 26			
888 000	36.27			
889 000	36 30			
890 000	36.31			
891 000	36 29			
892.000	36.37			
893 000	36 32			
894 000	36 37			
895 000	36 33			
896.000	36.37			
897 000	36 31			
898 000	36.32			
899 000	36 33			
900 000	36 27			
901 000	36 29			
902.000	36 34			
903 000	36 35			
904 000	36 24			
905 000	36 21			
906.000	36 35			
907 000	36 18			
908 000	36 27			
909 000	36.25			
910 000	36 23			
911 000	36 34			
912.000	36.28			
913 000	36 27			
914 000	36 31			
915 000	36 14			
916.000	36 31			
917 000	36 18			
918 000	36 29			
919 000	36 25			
920 000	36 21			
921 000	36 21			2020 Hz = 201
922.000	36 25			
923 000	36 20			
924 000	36 33			
925 000	36 18			
926.000	36 31			
927 000	36 32			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket T st)	Remarks
928 000	36.25			
929 000	36.19			
930.000	36.21			
931 000	36.23			
932.000	36 13			
933 000	36.20			
934 000	36.32			
935 000	36.19			
936.000	36.22			
937 000	36.16			
938 000	36.25			
939 000	36.21			
940 000	36.26			
941 000	36 24			
942.000	36.30			
943 000	36.23			
944 000	36.32			
945 000	36.28			
946.000	36 31			
947 000	36.23			
948 000	36 26			
949 000	36.24			2048 Hz = 201
950 000	36.21			
951 000	36 24			
952.000	36.27			
953 000	36.31			
954 000	36.30			
955 000	36 29			
956.000	36 28			
957 000	36.27			
958 000	36.23			
959 000	36 26			
960 000	36.24			
961 000	36.29			
962.000	36 23			
963 000	36 21			
964 000	36 21			
965 000	36 39			
966.000	36 24			
967 000	36 31			
968 000	36 30			
969 000	36 20			
970 000	36 11			
971 000	36 23			
972.000	36 29			
973 000	36 21		1 62	2112 Hz = 201
974 000	36 28			
975 000	36 29			
976 000	36 31	36 27		
977 000	36 28			
978 000	36 30			
979 000	36 30			
980 000	36 38			
981 000	36 34			
982.000	36 38			
983 000	36 29			
984 000	36 31			
985 000	36 35			
986 000	36 30			
987 000	36 30			
988 000	36 37			
989 000	36.34			
990 000	36 35			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
991 000	36.39			
992.000	36.37			
993 000	36.31			
994 000	36.28			
995 000	36.29			
996.000	36.38			
997 000	36.37			
998.000	36.38			
999 000	36.33			
1000 00	36.37			
1001 00	36.29			
1002 00	36.23			
1003 00	36 34			
1004 00	36.37			
1005 00	36.41			
1006 00	36.38			
1007 00	36.37			
1008 00	36 34			
1009 00	36.39			
1010 00	36 33			
1011 00	36.37			
1012.00	36 32			
1013 00	36.38			
1014 00	36.39			
1015 00	36.34			
1016 00	36 36			
1017 00	36 33			
1018 00	36.37			
1019 00	36.41			
1020 00	36.35			
1021 00	36 31			
1022 00	36.27			
1023 00	36 31			
1024 00	36 37			
1025 00	36 31			
1026 00	36 31			
1027 00	36 35			
1028 00	36 30			
1029 00	36 35			
1030 00	36 39			
1031 00	36 41			
1032 00	36 40			
1033 00	36 39			
1034 00	36 34			
1035 00	36 37			
1036 00	36 37			
1037 00	36 31			
1038 00	36 37			
1039 00	36 42			
1040 00	36 37			
1041 00	36 37			
1042 00	36 41			
1043 00	36 40			
1044 00	36 35			
1045 00	36 36			
1046 00	36 35			
1047 00	36 34			
1048 00	36 42			
1049 00	36 39			
1050 00	36 33			
1051 00	36 42			
1052 00	36 44			
1053 00	36 41			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1054 00	36 41			
1055 00	36 41			
1056 00	36 40			
1057 00	36.36			
1058 00	36 45			
1059 00	36.31			
1060 00	36.37			
1061 00	36.41			
1062.00	36.35			
1063 00	36.34			
1064 00	36.45			
1065 00	36.35			
1066 00	36.36			
1067 00	36.36			
1068 00	36.43			
1069 00	36 47			
1070 00	36.37			
1071 00	36.44			
1072 00	36.45			
1073 00	36.33			
1074 00	36.36			
1075 00	36 36			
1076 00	36 37			
1077 00	36 43			
1078 00	36.39			
1079 00	36.37			
1080 00	36 40			
1081 00	36.44			
1082 00	36 34			
1083 00	36 43			
1084 00	36 41			
1085 00	36.46			
1086 00	36 44			
1087 00	36 44			
1088 00	36 43			
1089 00	36 43			
1090 00	36 35			
1091 00	36 36			
1092 00	36 42			
1093 00	36.38			
1094 00	36 49			
1095 00	36 36			
1096 00	36 40			
1097 00	36.42			
1098 00	36 36			
1099 00	36 45			
1100 00	36 43			
1101 00	36 47	36 55		
1102 00	36 43			
1103 00	36 41			
1104 00	36 48			
1105 00	36 46			
1106 00	36 45			
1107 00	36 48			
1108 00	36.51			
1109 00	36 50			
1110 00	36 38			
1111 00	36 24			
1112 00	36 49		1 58	2331 Hz = 201
1113 00	36 08			
1114 00	36 28			2333 Changed G nerators Hz =201
1115 00	36 39			
1116 00	36 37			

Elapsed Tim	Valu	Hand Mea	Flow Rate (Buck t T t)	Remarks
1117 00	36 38			
1118 00	36 41			
1119 00	36.30			
1120 00	36 40			
1121 00	36.39			
1122 00	36.46			
1123 00	36.38			
1124 00	36.37			
1125 00	36.30			
1126.00	36.39			
1127 00	36.39			
1128 00	36.46			
1129 00	36.39			
1130 00	36.38			
1131 00	36.38			
1132.00	36.32			
1133 00	36.43			
1134 00	36 41			
1135 00	36 45			
1136 00	36 43			
1137 00	36 32			
1138 00	36 36			
1139 00	36 43			
1140 00	36 42			
1141 00	36 44			
1142.00	36 46			
1143 00	36 48			
1144 00	36 45			
1145 00	36.39			
1146 00	36.36			
1147 00	36 39			
1148 00	36.32			
1149 00	36 34			
1150 00	36 49			
1151 00	36 46			
1152 00	36 35			
1153 00	36 40			
1154 00	36 28			
1155 00	36 33			
1156 00	36 38			
1157 00	36 51			
1158 00	36 47			
1159 00	36 44			
1160 00	36 43			
1161 00	36 40			
1162 00	36 40			
1163 00	36 43			
1164 00	36 35			
1165 00	36 45			
1166 00	36 31			
1167 00	36 45			
1168 00	36 42			
1169 00	36 31			
1170 00	36 43			
1171 00	36 43			
1172 00	36 35			
1173 00	36 43			
1174 00	36 39			
1175 00	36 35			
1176 00	36 36			
1177 00	36 37			
1178 00	36 37			
1179 00	36 40			

Elapsed Time	Value	Hand Meas	Fl w Rate (Bucket Test)	Remarks
1180 00	36.38			
1181 00	36 40			
1182 00	36 44			
1183 00	36.33			
1184 00	36 40			
1185 00	36.39			
1186 00	36.37			
1187 00	36.44			
1188 00	36.45			
1189 00	36.42			
1190 00	36.46			
1191 00	36.35			
1192 00	36.40			
1193 00	36.41			
1194 00	36.37			
1195 00	36.41			
1196 00	36.33			
1197 00	36.41			
1198 00	36.42			
1199 00	36 43			
1200 00	36 38			
1201 00	36 40			
1202 00	36.32			
1203 00	36 30		1 63	0102 Hz = 201
1204 00	36.35			
1205 00	36.43	36 57		
1206 00	36 32			
1207 00	36.38			
1208 00	36 38			
1209 00	36.39			
1210 00	36 37			
1211 00	36 41			
1212 00	36.29			
1213 00	36 39			
1214 00	36 34			
1215 00	36 43			
1216 00	36 38			
1217 00	36.35			
1218 00	36 44			
1219 00	36 37			
1220 00	36 41			
1221 00	36 38			
1222 00	36 39			
1223 00	36 52			
1224 00	36 37			
1225 00	36 34			
1226 00	36 47			
1227 00	36 42			
1228 00	36 35			
1229 00	36 36			
1230 00	36 45			
1231 00	36 42			
1232 00	36 40			
1233 00	36 33			
1234 00	36 40			
1235 00	36 46			
1236 00	36 39			
1237 00	36 46			
1238 00	36 37			
1239 00	36 40			
1240 00	36 43			
1241 00	36 38			
1242 00	36 48			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
---	---	--	--	--
1243 00	36.42			
1244 00	36.40			
1245 00	36 42			
1246 00	36.33			
1247 00	36.39			
1248 00	36.44			
1249 00	36.31			
1250 00	36.40			
1251 00	36 41			
1252.00	36.43			
1253 00	36.33			
1254 00	36.42			
1255 00	36.36			
1256.00	36.34			
1257 00	36.38			
1258 00	36.40			
1259 00	36.39			
1260 00	36.42			
1261 00	36.42			
1262.00	36 40			
1263 00	36 36			
1264 00	36 43			
1265 00	36.39			
1266 00	36 43			
1267 00	36 43			
1268 00	36.39			
1269 00	36 43			
1270 00	36 44			
1271 00	36.49			
1272 00	36.39			
1273 00	36 33			
1274 00	36 43			
1275 00	36.43			
1276 00	36.42			
1277 00	36.37			
1278 00	36 42			
1279 00	36 38			
1280 00	36 47			
1281 00	36.38			1281 Changed Generators
1282 00	36 48			
1283 00	36 45			
1284 00	36 46			
1285 00	36 43			
1286 00	36 43			
1287 00	36 40			
1288 00	36 41			
1289 00	36 48			
1290 00	36 47			
1291 00	36 43			
1292 00	36 38			
1293 00	36 48			
1294 00	36 40			
1295 00	36 45			
1296 00	36 45			
1297 00	36 45			
1298 00	36 41			
1299 00	36 49			
1300 00	36 43			
1301 00	36 47			
1302 00	36 47			
1303 00	36 46			
1304 00	36 41			
1305 00	36 44			

Elapsed Tim	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1306 00	36 45			
1307 00	36 40			
1308 00	36 45			
1309 00	36 38			
1310 00	36 43			
1311 00	36 39			
1312 00	36 45			
1313 00	36.38			
1314 00	36 45			
1315 00	36 49			
1316 00	36.43			
1317 00	36 47			
1318 00	36 42			
1319 00	36 44			
1320 00	36.35			
1321 00	36.38			
1322 00	36 43			
1323 00	36 46			
1324 00	36 41			
1325 00	36 45			
1326 00	36 44			
1327 00	36 47			
1328 00	36 40			
1329 00	36 37			
1330 00	36 41			
1331 00	36 38			
1332 00	36 43			
1333 00	36 40			
1334 00	36 44			
1335 00	36 40			
1336 00	36 41			
1337 00	36 45			
1338 00	36 45			
1339 00	36 40			
1340 00	36 41			
1341 00	36 42			
1342 00	36 41			
1343 00	36 39			
1344 00	36 43			
1345 00	36 46			
1346 00	36 44			
1347 00	36 43			
1348 00	36 36			
1349 00	36 44			
1350 00	36 49			
1351 00	36 39			
1352 00	36 37			
1353 00	36 44			
1354 00	36 45			
1355 00	36 41			
1356 00	36 46			
1357 00	36 46			
1358 00	36 44			
1359 00	36 39			
1360 00	36 51			
1361 00	36 44			
1362 00	36 40			
1363 00	36 40			
1364 00	36 45			
1365 00	36 41			
1366 00	36 45			
1367 00	36 43			
1368 00	36 46			

Elapsed Tim	Value	Hand Meas	Flow Rate (Bucket T st)	Rem rks
---	---	---		-- --
1369 00	36.52			
1370 00	36 40			
1371 00	36 46			
1372.00	36.44			
1373 00	36.50			
1374 00	36 47			
1375 00	36.34			
1376 00	36 46			
1377 00	36 42			
1378 00	36.46			
1379 00	36 48			
1380 00	36.44			
1381 00	36.54			
1382 00	36.46			
1383 00	36 46			
1384 00	36 42			
1385 00	36.42			
1386 00	36 43			
1387 00	36 48			
1388 00	36 38			
1389 00	36 47			
1390 00	36 37			
1391 00	36 43			
1392 00	36 50			
1393 00	36 47			
1394 00	36 40			
1395 00	36 45			
1396 00	36.53			
1397 00	36 46			
1398 00	36 42			
1399 00	36 43			
1400 00	36 43			
1401 00	36.46			
1402 00	36 45			
1403 00	36.50			
1404 00	36 43			
1405 00	36 41			
1406 00	36 51			
1407 00	36.56			
1408 00	36 48			
1409 00	36 46			
1410 00	36 42			
1411 00	36 47	36 62		

Well 20891 File 08
SE1000B
Environmental Logger
05/03 04 53

Unit# 01007 Test# 0

INPUT 2 Level (F) TOC

Reference 36 44
Scale factor 10 03
Offset 0 00

Step# 0 05/02 05 08

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks	Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
0 0000	36.42				45 0000	36 43			
1 0000	36.42				46 0000	36.39			
2 0000	36.34				47 0000	36 44			
3 0000	36.44				48 0000	36 37			
4 0000	36.45				49 0000	36 44			
5 0000	36.48				50 0000	36.43			
6 0000	36.36				51 0000	36.52			
7 0000	36.44				52.0000	36.45			
8 0000	36.42				53 0000	36.40			
9 0000	36.37				54 0000	36.47			
10 0000	36 48				55 0000	36 48			
11 0000	36 41				56.0000	36 48			
12 0000	36 35				57 0000	36 44			
13 0000	36 36				58 0000	36 40			
14 0000	36 38				59 0000	36.50		1 57	0607· Hz 201
15 0000	36 42				60 0000	36 44			
16 0000	36 38				61 0000	36 40			
17 0000	36 43				62.0000	36 49			
18 0000	36 43				63 0000	36 49			
19 0000	36 37				64 0000	36 47			
20 0000	36 44				65 0000	36 49			
21 0000	36 42				66 0000	36 46			
22 0000	36 38				67 0000	36 43			
23 0000	36 48				68 0000	36 50			
24 0000	36 50				69 0000	36 56			
25 0000	36 43				70 0000	36 46			
26 0000	36 42				71 0000	36 41			
27 0000	36 49				72 0000	36 44			
28 0000	36 49				73 0000	36 45			
29 0000	36 39				74 0000	36.54			
30 0000	36 42				75 0000	36 46			
31 0000	36 43				76 0000	36 51			
32 0000	36 43				77 0000	36 42			
33 0000	36 39				78 0000	36 44			
34 0000	36 53				79 0000	36 49			
35 0000	36 44				80 0000	36 46			
36 0000	36 44				81 0000	36 49			
37 0000	36 42				82 0000	36 42			
38 0000	36 46				83 0000	36 57			
39 0000	36 42				84 0000	36 47			
40 0000	36 39				85 0000	36 45			
41 0000	36 34				86 0000	36 45			
42 0000	36 44				87 0000	36 45			
43 0000	36 43				88 0000	36.54			
44 0000	36 39				89 0000	36 41			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
90 0000	36 48			
91 0000	36 46			
92 0000	36 47			
93 0000	36 44			
94 0000	36 48			
95 0000	36 49			
96 0000	36.52			
97 0000	36 47			
98 0000	36.42			
99 0000	36.48			
100.000	36.50			
101 000	36.48			
102.000	36 49			
103 000	36.43			
104 000	36.46			
105 000	36.44			
106.000	36 49			
107 000	36 41			
108.000	36 55			
109 000	36 44			
110 000	36 46			
111 000	36 46			
112.000	36.53			
113 000	36.54			
114 000	36.50			
115 000	36.38			
116.000	36 33			
117 000	36.28			
118.000	36.39			
119 000	36.41			
120 000	36 42			
121 000	36 41			
122.000	36.44			
123 000	36 49			
124 000	36 45			
125 000	36 47			
126.000	36 37			
127 000	36 45			
128 000	36 45			
129 000	36 48			
130 000	36 42			
131 000	36.42			
132.000	36 44			
133 000	36 45			
134 000	36 48			
135 000	36 49			
136.000	36 50			
137 000	36 46			
138.000	36 49			
139 000	36 41			
140 000	36 49			
141 000	36 38			
142.000	36 49			
143 000	36 47			
144 000	36 47			
145 000	36 42			
146.000	36 45			
147 000	36 48			
148 000	36 57			
149 000	36 50			
150 000	36 48			
151 000	36 44			
152.000	36 43			
153 000	36 47			
154 000	36.47			
155 000	36 46			
156.000	36.45			
157 000	35 38			
158.000	36 37			
159 000	36.33			
160.000	36.44			
161 000	36.55			
162.000	36.51			
163 000	36.53			
164.000	36.45			
165 000	36.51			
166.000	36 37			
167 000	36.50			
168.000	36.45			
169 000	36.56			
170.000	36.55	36 68		
171 000	36.54			
172.000	36.53			
173 000	36 40			
174 000	36 47			
175 000	36.42			
176.000	36.37			
177 000	36.47			
178.000	36 43			
179 000	36.49			
180.000	36.43			
181 000	36 43			
182.000	36.47			
183 000	36.40			
184.000	36.56			
185 000	36.43			
186.000	36.45			
187 000	36.53			
188.000	36 38			
189 000	36 46			
190.000	36.51			
191 000	36 42			
192.000	36 49			
193 000	36 38			
194 000	36 35			
195 000	36 30			
196.000	36 38			
197 000	36 36		1 58	
198.000	36.29			
199 000	36 32			
200.000	36.31			
201 000	36.40			
202.000	36 41			
203 000	36 34			
204 000	36 34			
205 000	36.35			
206.000	36 36			
207 000	36 38			
208 000	36 37			
209 000	36 41			
210.000	36 35			
211 000	36 32			
212.000	36 33			
213 000	36 37			
214 000	36 34			
215 000	36 38			
216.000	36 32			
217 000	36 36			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks	Elapsed T'me	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
218 000	36 26				282.000	36 32			
219 000	36 32				283 000	36 33			
220.000	36 37				284 000	36.27			
221 000	36 30				285 000	36.21			
222.000	36 32				286.000	36.31			
223 000	36 40				287 000	36.33			
224 000	36 42				288.000	36 30			
225 000	36.28				289 000	36.27			
226.000	36 39				290.000	36 32			
227 000	36.39				291 000	36.30			
228.000	36 35				292.000	36.29			
229 000	36 42				293 000	36.32			
230.000	36 39				294 000	36 39			
231 000	36.39				295 000	36 33			
232.000	36 43				296.000	36.23			
233 000	36 43				297 000	36.32			
234 000	36 41				298.000	36.31			
235 000	36.39				299 000	36 36			
236.000	36 36				300.000	36 33			
237 000	36 43				301 000	36 36			
238.000	36 38				302.000	36 37			
239 000	36 36				303 000	36.22			
240.000	36 37				304.000	36.20			
241 000	36 37				305 000	36.26			
242.000	36 43				306.000	36.18			
243 000	36 27				307 000	36.29			
244 000	36 33				308.000	36 33			
245 000	36 31				309 000	36 22			
246.000	36 31				310.000	36.22			
247 000	36 43				311 000	36.30			
248 000	36 37				312.000	36.21			
249 000	36 34				313 000	36.24			
250.000	36 35				314.000	36.29			
251 000	36 41				315 000	36.27			
252.000	36 33				316.000	36.23			
253 000	36 33				317 000	36 29			
254 000	36 47				318.000	36 30			
255 000	36 30				319 000	36.25			
256.000	36 29				320.000	36 33			
257 000	36 28				321 000	36 24			
258 000	36 33				322.000	36 38			
259 000	36 47				323 000	36 32			
260.000	36 35				324 000	36 29			
261 000	36 26				325 000	36 23			
262.000	36 23				326.000	36 28			
263 000	36 25				327 000	36 33			
264 000	36.23				328.000	36 28			
265 000	36 21				329 000	36 25			
266.000	36 20				330.000	36 25			
267 000	36.21				331 000	36.25			
268 000	36 20				332.000	36 28			
269 000	36 08				333 000	36 25			
270.000	36 07				334 000	36.27			
271 000	36 10				335 000	36 26			
272.000	36 03				336.000	36.31			
273 000	36 06				337 000	36 29			
274 000	36 07				338 000	36 30			
275 000	36 02				339 000	36 27			
276.000	36 04				340.000	36 23			
277 000	36 15				341 000	36 35			
278 000	36 17				342.000	36 35			
279 000	36 26				343 000	36 22			
280.000	36 26				344 000	36 28			
281 000	36.23				345 000	36 24			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
346.000	36.24			
347 000	36 24			
348 000	36 31			
349 000	36.28			
350.000	36.26			
351 000	36 32			
352.000	36.28			
353 000	36 32			
354 000	36.32			
355 000	36.28			
356.000	36 25			
357 000	36.26			
358.000	36.31			
359 000	36 26			
360.000	36.17			
361 000	36.30			
362.000	36 23			
363 000	36.30			
364 000	36.32			
365 000	36 24			
366.000	36.26			
367 000	36.23			
368.000	36.24			
369 000	36 35			
370.000	36.31			
371 000	36.29			
372.000	36.22			
373 000	36.24			
374 000	36 36			
375 000	36.32			
376.000	36 27			
377 000	36.30			
378.000	36.27			
379 000	36.26			
380 000	36.26			
381 000	36 38			
382.000	36 24			
383 000	36 29			
384 000	36 32			
385 000	36 26			
386.000	36 22			
387 000	36 24			
388.000	36 26			
389 000	36 21			
390.000	36 23			
391 000	36 28			
392.000	36 25			
393 000	36 25			
394 000	36 33			
395 000	36.26			
396.000	36.20			
397 000	36.23			
398 000	36.23			
399 000	36 21			
400.000	36 31			
401 000	36 21			
402.000	36 22			
403 000	36.30			
404 000	36 26			
405 000	36 26			
406.000	36 30			
407 000	36 23			
408 000	36 22			
409 000	36 29			
410.000	36 32			
411 000	36 17			
412.000	36.22			
413 000	36 19			
414 000	36.26			
415 000	36 19			
416.000	36.26			
417 000	36.26			
418.000	36.29			
419 000	36.25			
420.000	36.24			
421 000	36.24			
422.000	36.17			
423 000	36.24			
424.000	36.22			
425 000	36.24			
426.000	36.20			
427 000	36.30			
428.000	36.18			
429 000	36 26			
430.000	36 26			
431 000	36.24			
432.000	36.23			
433 000	36.23			
434 000	36.25			
435 000	36 20			
436.000	36.25			
437 000	36.23			
438.000	36.23			
439 000	36.26			
440.000	36.24			
441 000	36.27			
442.000	36.28			
443 000	36.16			
444.000	36 26			
445 000	36 26			
446.000	36.23			
447 000	36 30			
448.000	36.22			
449 000	36 30			
450.000	36 21			
451 000	36 28	36 46		
452.000	36 21			
453 000	36 18			
454 000	36.29			
455 000	36 29			
456.000	36.21			
457 000	36 30			
458.000	36 20			
459 000	36 27			
460.000	36 16			
461 000	36 18			
462.000	36.22		1 47	
463 000	36 18	36 44		
464 000	36 25		1 47	
465 000	36 31		1 53	
466.000	36 32			
467 000	36 19			
468.000	36.28			
469 000	36 26			
470 000	36 32			
471 000	36 29			
472.000	36 23			
473 000	36 22			

Elapsed T'me	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks	Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
474 000	36.24				538.000	36.33			
475 000	36.31				539 000	36.27			
476.000	36 41				540.000	36.30			
477 000	36.26				541 000	36.25			
478.000	36.26				542.000	36.25			
479 000	36.27				543 000	36.24			
480.000	36.27				544 000	36 31			
481 000	36.27				545 000	36.28			
482.000	36.36				546.000	36.24			
483 000	36.20				547 000	36.24			
484 000	36.35				548.000	36.16			
485 000	36.21				549 000	36.26	36 48		
486.000	36.28				550.000	36.26			
487 000	36.29				551 000	36.30			
488 000	36.18				552.000	36.24			
489 000	36.27				553 000	36.34			
490.000	36.25				554 000	36.30			
491 000	36 32				555 000	36 35			
492.000	36.29				556.000	36 37			
493 000	36.24				557 000	36 20			
494 000	36.35				558.000	36.25			
495 000	36.29				559 000	38 71			
496.000	36.27				560.000	36 21		1 63	
497 000	36 32				561 000	36.26			
498.000	36.26				562.000	36 33			
499 000	36 34				563 000	36.29			
500.000	36.27				564 000	36 19			
501 000	36.26				565 000	36 31			
502.000	36.25				566.000	36.15			
503 000	36.31				567 000	36.23			
504 000	36.29				568.000	36.17			
505 000	36.29				569 000	36 19			
506.000	36.38				570.000	36.20			
507 000	36.22				571 000	36.20			
508.000	36.26				572.000	36 13			
509 000	36 27				573 000	36 19			
510 000	36 36				574 000	36 20			
511 000	36.33				575 000	36 21			
512.000	36.24				576.000	36 14			
513 000	36 28				577 000	36 17			
514 000	36 31				578.000	36 16			
515 000	36.23				579 000	36 23			
516.000	36 29				580 000	36 20			
517 000	36.26				581 000	36 18			
518.000	36 19				582.000	36 20			
519 000	36.29				583 000	36 18			
520 000	36 32				584 000	36.26			
521 000	36 25				585 000	36 14			
522.000	36 23				586.000	36 18			
523 000	36 19				587 000	36.11			
524 000	36 32				588.000	36.11			
525 000	36 27				589 000	36 20			
526.000	36 26				590 000	36 20			
527 000	36 23				591 000	36 18			
528.000	36.28				592.000	36 18			
529 000	36 29				593 000	36 23			
530 000	36 30				594 000	36 19			
531 000	36 25				595 000	36 10			
532.000	36 31				596.000	36 16			
533 000	36 30				597 000	36 16			
534 000	36 30				598 000	36 29			
535 000	36 28				599 000	36 14			
536.000	36 38				600.000	36 26			
537 000	36 32				601 000	36 23			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks	Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
602.000	36.21				666.000	36 08			
603 000	36.20				667 000	36 12		1 60	
604.000	36.11				668.000	36 15			
605 000	36.23				669 000	36.22			
606.000	36.24				670.000	36.08			
607 000	36 14				671 000	36.27	36 46		
608 000	36.20				672.000	36.21			
609 000	36.18				673 000	36.28			
610.000	36.23				674.000	36.22			
611 000	36.18				675 000	36.26			
612.000	36.24				676.000	36.23			
613 000	36.22				677 000	36.23			
614 000	36.15				678.000	36.26			
615 000	36.14				679 000	36.16			
616.000	36.12				680.000	36.24			
617 000	36.23				681 000	36.23			
618 000	36.18				682.000	36.19			
619 000	36.21				683 000	36.26			
620.000	36.15				684.000	36.22			
621 000	36 14				685 000	36 28			
622.000	36.20				686.000	36.27			
623 000	36.22				687 000	36.25			
624 000	36 14				688.000	36.19			
625 000	36 20				689 000	36.20			
626.000	36.15				690.000	36.26			
627 000	36 12				691 000	36.20			
628 000	36 11				692.000	36 19			
629 000	36.09				693 000	36 19			
630.000	36.20				694.000	36.25			
631 000	36.18				695 000	36.20			
632.000	36 19				696.000	36.26			
633 000	36.13				697 000	36 14			
634 000	36.28				698.000	36 22			
635 000	36 08				699 000	36 21			
636.000	36.13				700.000	36 14			
637 000	36 14				701 000	36 15			
638 000	36 14				702.000	36.23			
639 000	36 17				703 000	36.28			
640.000	36 09				704 000	36 15			
641 000	36 06				705 000	36 22			
642.000	36 13				706.000	36 17			
643 000	36 19				707 000	36.23			
644 000	36 11				708.000	36 24			
645 000	36 17				709 000	36 13			
646.000	36 08				710.000	36 26			
647 000	36 10				711 000	36 15			
648 000	36 20				712.000	36.28			
649 000	36 15				713 000	36 16			
650 000	36 21				714 000	36 22			
651 000	36 21				715 000	36 15			
652.000	36 17				716.000	36 17			
653 000	36 15				717 000	36 15			
654 000	36 14				718.000	36 20			
655 000	36 13				719 000	36 15			
656.000	36 13				720.000	36 24			
657 000	36 23				721 000	36 15			
658 000	36 18				722.000	36 33			
659 000	36 16				723 000	36 22			
660 000	36 18				724 000	36 27			
661 000	36 23				725 000	36 21	36 53		
662.000	36 11				726.000	36 23			
663 000	36 24				727 000	36 21			
664 000	36 11				728.000	36.20			
665 000	36 03				729 000	36 20			

Elapsed T'me	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks	Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
730.000	36 16				794 000	36.31			
731 000	36 15				795 000	36 32			
732.000	36 14				796.000	36 32			
733 000	36.20				797 000	36 34			
734 000	36.27				798 000	36 33			
735 000	36 27				799 000	36 40			
736.000	36.18				800.000	36.31			
737 000	36.21				801 000	36.27			
738.000	36.26				802.000	36.32			
739 000	36.27				803 000	36.29			
740.000	36 18				804 000	36 33			
741 000	36 19				805 000	36 38			
742.000	36.26				806.000	36.39			
743 000	36.26				807 000	36 34			
744 000	36 12				808.000	36.35			
745 000	36 21				809 000	36.32			
746.000	36 26				810.000	36.36			
747 000	36.36				811 000	36.31			
748 000	36.27				812.000	36 38			
749 000	36 39				813 000	36.29			
750.000	36 33				814 000	36 31			
751 000	36.31				815 000	36 38			
752.000	36.34				816.000	36.34			
753 000	36.33				817 000	36 41			
754 000	36 32				818.000	36 42			
755 000	36 37				819 000	36 30			
756.000	36.36				820.000	36 37			
757 000	36 29				821 000	36.30			
758 000	36.26				822.000	36.36			
759 000	36 32				823 000	36 35			
760.000	36 34				824.000	36.32			
761 000	36 30				825 000	36 31			
762.000	36 35				826.000	36 32			
763 000	36 31				827 000	36 32			
764 000	36 32				828.000	36 37			
765 000	36 32				829 000	36 31			
766.000	36 30				830.000	36 27			
767 000	36 36				831 000	36 45			
768 000	36 33				832.000	36 41			
769 000	36 31				833 000	36 29			
770.000	36 38				834 000	36 34			
771 000	36 35				835 000	36 33			
772.000	36 30				836.000	36 32			
773 000	36 33				837 000	36 34			
774 000	36 32				838.000	36 42			
775 000	36.36				839 000	36 35			
776.000	36 40				840.000	36 39			
777 000	36 32				841 000	36 43			
778 000	36 37				842.000	36 36			
779 000	36 36				843 000	36.32			
780.000	36 31				844 000	36.40			
781 000	36 38				845 000	36 37			
782.000	36 34				846.000	36 38			
783 000	36 34				847 000	36 35			
784 000	36.41				848 000	36 33			
785 000	36 39				849 000	36 43			
786.000	36 31				850 000	36 40			
787 000	36 38				851 000	36 32			
788 000	36 40				852.000	36 36			
789 000	36 39				853 000	36 38			
790.000	36 28				854 000	36 38			
791 000	36 31				855 000	36 38			
792.000	36 37				856.000	36 42			
793 000	36 36				857 000	36 30			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
858 000	36 38			
859 000	36 38			
860.000	36.29			
861 000	36 32			
862.000	36.32			
863 000	36 34			
864 000	36.37			
865 000	36.38			
866.000	36.36			
867 000	36.34			
868.000	36 44			
869 000	36.36			
870.000	36.36			
871 000	36.49			
872.000	36 47			
873 000	36 44			
874 000	36 42			
875 000	36.43			
876.000	36 39			
877 000	36 50			Sc 825 µSiemen/cm pH 6.8 T 13°C
878 000	36 39			
879 000	36 37			
880.000	36 44			
881 000	36 41			
882.000	36 39			
883 000	36 38			3.5 pounds of KBr dissolved in 1 gallon H_2O added
884 000	36 15			
885 000	36.25			
886.000	36 21			
887 000	36 21			
888 000	36 31			
889 000	36 36			
890.000	36 42			
891 000	36.50			
892.000	36 39			
893 000	36 47			
894 000	36 38			
895 000	36 47			
896.000	36 48			
897 000	36 41			
898 000	36 39			
899 000	36 40			
900.000	36 41			
901 000	36 41			
902.000	36 46			
903 000	36 34			
904 000	36 40			
905 000	36.51			
906.000	36 45			
907 000	36 39			
908 000	36 38			
909 000	36 39			
910 000	36 41			
911 000	36 43			
912.000	36 40			
913 000	36 48			
914 000	36 44			
915 000	36 36			
916.000	36 41			
917 000	36.43			
918.000	36 39			
919 000	36.44			
920.000	36.42			
921 000	36 40			
922.000	36.38			
923 000	36.35			
924.000	36.42			
925 000	36.46			
926.000	36.40			
927 000	36.40			
928.000	36.39			
929 000	36.36			
930.000	36.40			
931 000	36.45			
932.000	36.37			
933 000	36.37			
934.000	36.40			
935 000	36 49			
936.000	36 47			
937 000	36 38			
938.000	36.47			
939 000	36 47			
940.000	36.45	36 74		
941 000	36 45			
942.000	36 44			
943 000	36.40			
944.000	36.43			
945 000	36 42			
946.000	36.49			
947 000	36.50			
948.000	36.45			
949 000	36.32			
950.000	36 32			
951 000	36 36			
952.000	36 36			
953 000	36 34			
954 000	36 35			
955 000	36 35			
956.000	36 39			
957 000	36 37			
958.000	36.31			
959 000	36 37			
960.000	36 33			
961 000	36 36			
962.000	36 31			
963 000	36 28			
964 000	36 37			
965 000	36 32			
966.000	36 34			
967 000	36.35			
968.000	36 23			
969 000	36.29			
970.000	36.27			
971 000	36 31			
972.000	36 36			
973 000	36.30			
974 000	36 27			
975 000	36 31			
976.000	36 34			
977 000	36 28			
978 000	36 32			
979 000	36 30			
980.000	36 33			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
981 000	36 41			
982.000	36 32			
983 000	36 31			
984 000	36.24			
985 000	36 32			
986.000	36 31			
987 000	36.24			
988.000	36.29			
989 000	36 29			
990 000	36 30			
991 000	36 33			
992.000	36.25			
993 000	36.27			
994 000	36 34			
995 000	36.34			
996.000	36.30			
997 000	36 31			
998.000	36.31			
999 000	36.25			
1000 00	36.28			
1001 00	36 32			
1002 00	36 21			
1003 00	36 24			
1004 00	36 21			
1005 00	36.27			
1006 00	36.28			
1007 00	36.32			
1008 00	36.25			
1009 00	36 34			
1010 00	36.24			
1011 00	36.27			
1012 00	36.27			
1013 00	36.25			
1014 00	36 24			
1015 00	36 21			
1016 00	36 25			
1017 00	36 30			
1018 00	36 31			
1019 00	36 23			
1020 00	36 32			
1021 00	36 33			
1022 00	36 31			
1023 00	36 26			
1024 00	36 21			
1025 00	36 24			
1026 00	36 26			
1027 00	36 32			
1028 00	36 31			
1029 00	36.29			
1030 00	36 29			
1031 00	36 23			
1032 00	36 32			Sc 785 µS emen/cm pH 7.4 T 14°C
1033 00	36 29			
1034 00	36 24			
1035 00	36 32			
1036 00	36 23			
1037 00	36 28			
1038 00	36 35			
1039 00	36 24			
1040 00	36 24			
1041 00	36 27			
1042 00	36 21			
1043 00	36 16			
1044 00	36 37			
1045 00	36.24			
1046 00	36 28			
1047 00	36 21			
1048 00	36.26			
1049 00	36 26			
1050 00	36 18			
1051 00	36 29			
1052.00	36 35			
1053 00	36 35			
1054 00	36 35			
1055 00	36 43			
1056 00	36.44			
1057 00	36 48			
1058 00	36 46			
1059 00	36 42			
1060 00	36.42			
1061 00	36 44			
1062 00	36 40			
1063 00	36 46			
1064 00	36 45			
1065 00	36 38			
1066 00	36 40			
1067 00	36.50			
1068 00	36.44			
1069 00	36.39			
1070 00	36 50			
1071 00	36 44			
1072 00	36 38			
1073 00	36 43			
1074 00	36.25			
1075 00	36 31			
1076 00	36 34			
1077 00	36 33			
1078 00	36 28			
1079 00	36 34			
1080 00	36 26			
1081 00	36 27			
1082.00	36 32			
1083 00	36 25			
1084 00	36 29			
1085 00	36 34			
1086 00	36 29			
1087 00	36 27			
1088 00	36 33			
1089 00	36 31			
1090 00	36.29			
1091 00	36 35			
1092 00	36 30			
1093 00	36 22			
1094 00	36 22			
1095 00	36.27			
1096 00	36 26			
1097 00	36 26			
1098 00	36 31			
1099 00	36 30			
1100 00	36 34			
1101 00	36 28			
1102.00	36 27			
1103 00	36 24			
1104 00	36 25			
1105 00	36 34			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1106 00	36 27			
1107 00	36.27			
1108 00	36 26			
1109 00	36.33			
1110 00	36 18			
1111 00	36.21			
1112 00	36.31			
1113 00	36.25			
1114 00	36.27			
1115 00	36.25			
1116 00	36.29			
1117 00	36.22			
1118 00	36.28			
1119 00	36 28			
1120 00	36.21			
1121 00	36 25			
1122.00	36 28			
1123 00	36 21			
1124 00	36.27			
1125 00	36 24			
1126 00	36 27			
1127 00	36.20			
1128 00	36.34			
1129 00	36 30			
1130 00	36 24			
1131 00	36 31			
1132 00	36 26			
1133 00	36 26			
1134 00	36.20			
1135 00	36.22			
1136 00	36 20			
1137 00	36 20			
1138 00	36.26			
1139 00	36 31			
1140 00	36.23			
1141 00	36 26			
1142 00	36 20			
1143 00	36 23			
1144 00	36 21			
1145 00	36 24			
1146 00	36 31			
1147 00	36 22			
1148 00	36 29			
1149 00	36 30			
1150 00	36.21			
1151 00	36 22			
1152 00	36 29			
1153 00	36 28			
1154 00	36 28			
1155 00	36.23			
1156 00	36 29			
1157 00	36.14			
1158 00	36 27			
1159 00	36 22			
1160 00	36 25			
1161 00	36 26			
1162 00	36 29			
1163 00	36 20			
1164 00	36 23			
1165 00	36 19			
1166 00	36 25			
1167 00	36 27			
1168 00	36 19			
1169 00	36 25			

Elapsed Time	Value	Hand Meas.	Flow Rate (Bucket Test)	Remarks
1170 00	36 30			
1171 00	36.20			
1172.00	36.25			
1173 00	36.25			
1174 00	36.26			
1175 00	36.27			
1176 00	36 33			
1177 00	36.23			
1178 00	36.38			
1179 00	36.26			
1180 00	36 33			
1181 00	36.27			
1182.00	36.24			
1183 00	36 30			
1184 00	36 36			
1185 00	36.29			
1186 00	36.32			
1187 00	36.27			
1188 00	36.22			
1189 00	36 34			
1190 00	36.27			
1191 00	36.27			
1192 00	36.29			
1193 00	36 37			
1194 00	36.28			
1195 00	36 20	36 54		
1196 00	36 36			
1197 00	36.22			
1198 00	36.28			
1199 00	36 30			
1200 00	36 38			
1201 00	36 32			
1202.00	36 26			
1203 00	36 27			
1204 00	36 29			
1205 00	36 35			
1206 00	36.44			
1207 00	36 46			
1208 00	36 38			
1209 00	36 45			
1210 00	36 44			
1211 00	36 43			
1212 00	36 40			
1213 00	36 40			
1214 00	36 44			
1215 00	36 44			
1216.00	36 44			
1217 00	36 56			
1218 00	36 47			
1219 00	36.50			
1220 00	36.47			
1221 00	36 59			
1222.00	36 45			
1223 00	36 35			
1224 00	36 29			
1225 00	36 35			
1226 00	36.26			
1227 00	36 34			
1228 00	36 40			
1229 00	36 26			
1230 00	36 19			
1231 00	36 28			
1232 00	36 31			
1233 00	36 26			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1234 00	36 26			
1235 00	36.28			
1236 00	36.23			
1237 00	36.25			
1238 00	36.27			
1239 00	36 28			
1240 00	36.17			
1241 00	36.35			
1242 00	36.32			
1243 00	36.26			
1244 00	36 30			
1245 00	36.24			
1246.00	36.20			
1247 00	36.20			
1248 00	36 37			
1249 00	36.26			
1250 00	36.23			
1251 00	36.27			
1252 00	36 31			Sc 785 µSiemen/cm pH 7.5 T 13°C
1253 00	36 29			
1254 00	36 24			
1255 00	36 19			
1256 00	36 20			
1257 00	36.27			
1258 00	36 15			
1259 00	36 26			
1260 00	36.28			
1261 00	36.25			
1262.00	36.22			
1263 00	36.22			
1264 00	36 32			
1265 00	36 19			
1266 00	36 29			
1267 00	36 29			
1268 00	36 24			
1269 00	36 22			
1270 00	36 22			
1271 00	36 31			
1272 00	36.20			
1273 00	36 22			
1274 00	36 20			
1275 00	36 27			
1276 00	36 27			
1277 00	36 25			
1278 00	36 19			
1279 00	36.32			
1280 00	36 22			
1281 00	36 36			
1282 00	36 26			
1283 00	36 33			
1284 00	36 26			
1285 00	36 20			
1286 00	36.27			
1287 00	36 21			
1288 00	36 19			
1289 00	36 26			
1290 00	36 33			
1291 00	36 33			
1292 00	36 33			
1293 00	36 26			
1294 00	36 27			
1295 00	36 29			
1296 00	36 30			
1297 00	36.27			
1298 00	36.28			
1299 00	36.27			
1300 00	36.27			
1301 00	36 33			
1302.00	36.31			
1303.00	36.25			
1304 00	36.27			
1305 00	36.32			
1306.00	36.33			
1307 00	36.33			
1308 00	36.34			
1309 00	36.32			
1310 00	36.20			
1311 00	36.26			
1312.00	36 22			
1313 00	36.37			
1314 00	36.40			
1315 00	36.38			
1316 00	36.42			
1317 00	36.39			
1318 00	36 39			
1319 00	36 45			
1320 00	36.54			
1321 00	36.44			
1322.00	36.45			
1323 00	36.45			
1324 00	36 42			
1325 00	36.42			
1326.00	36 45			
1327 00	36 45			
1328 00	36.50			
1329 00	36.48			
1330 00	36 46			
1331 00	36 44			
1332 00	36.48			
1333 00	36.42			
1334 00	36 49			
1335 00	36.44			
1336 00	36 46			
1337 00	36 49			
1338 00	36 47			
1339 00	36.41			
1340 00	36.53			
1341 00	36 45			
1342.00	36 40			
1343 00	36 39			
1344 00	36 43			
1345 00	36 45	36 64		
1346.00	36 49			
1347 00	36 39			
1348 00	36 35			
1349 00	36 35			
1350 00	36 36			
1351 00	36 41			
1352.00	36 35			
1353 00	36 33			
1354 00	36 42			
1355 00	36 45			
1356 00	36 40			
1357 00	36 43			
1358 00	36 40			

Elapsed T'me	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks	Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1359 00	36 38								
1360 00	36 34								
1361 00	36 35								
1362 00	36 32								
1363 00	36 36								
1364 00	36 38								
1365 00	36 40								
1366 00	36.46								
1367 00	36 42								
1368 00	36.38								
1369 00	36 32								
1370 00	36 40								
1371 00	36.54								
1372 00	36.59								
1373 00	36.58								
1374 00	36.57								
1375 00	36.55								
1376 00	36 59								
1377 00	36.55								
1378 00	36 63								
1379 00	36 62								
1380 00	36.57								
1381 00	36.59								
1382.00	36 64								
1383 00	36.59								
1384 00	36 60								
1385 00	36 63								
1386 00	36.63								
1387 00	36 62								
1388 00	36.59								
1389 00	36 62								
1390 00	36 56								
1391 00	36.55								
1392 00	36.62								
1393 00	36.59								
1394 00	36 55								
1395 00	36 62								
1396 00	36 61								
1397 00	36 62								
1398 00	36 63								
1399 00	36.57								
1400 00	36 54								
1401 00	36 61								
1402 00	36.59								
1403 00	36.54								
1404 00	36 45								
1405 00	36 44								
1406 00	36 44								

14 32
S 739
µSiemen/cm
pH 7 4
T 13°C

Well 20891 File 09
SE1000B
Environmental Logger
05/04 14 49

Unit# 01007 Test# 0

INPUT 2 Level (F) TOC

Reference 36 61
Scale factor 10 03
Offset 0 00

Step# 0 05/03 05 13

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
0 0000	36.47			
1 0000	36.47	36 61		
2 0000	36.52			
3 0000	36.58			
4 0000	36.57			
5 0000	36.47			
6 0000	36.60			
7 0000	36.50			
8 0000	36.49			
9 0000	36.44			
10 0000	36.53			
11 0000	36.52			
12.0000	36.55			
13 0000	36.57			
14 0000	36.50			
15 0000	36 44			
16 0000	36.50			
17 0000	36.52			
18 0000	36.54			
19 0000	36 53			
20 0000	36 56			
21 0000	36.52			
22 0000	36.51			
23 0000	36 48			
24 0000	36 51			
25 0000	36 44			
26 0000	36 49			
27 0000	36.50			
28 0000	36 47			
29 0000	36.50			
30 0000	36.51			
31 0000	36.53			
32 0000	36 48			
33 0000	36.55			
34 0000	36 44			
35 0000	36.54			
36 0000	36.54			
37 0000	36.52			
38 0000	36 48			
39 0000	36 48			
40 0000	36 60			
41 0000	36 47			
42 0000	36 49			
43 0000	36 49			
44 0000	36 56			
45 0000	36 53			
46 0000	36.55			
47 0000	36 47			
48 0000	36.50			
49 0000	36 42			
50 0000	36 46			
51 0000	36 48			
52.0000	36 48			
53 0000	36 44			
54 0000	36 44			
55 0000	36 45			
56 0000	36.50			
57 0000	36 41			
58 0000	36 49			
59 0000	36 48			
60 0000	36 48			
61 0000	36 48			
62.0000	36.49			
63 0000	36 48			
64 0000	36 49			
65 0000	36 43			
66 0000	36 46			
67 0000	36 41			
68 0000	36.50			
69 0000	36 41			
70 0000	36 45			
71 0000	36 46			
72 0000	36 41			
73 0000	36 44			
74 0000	36 45			
75 0000	36 55			
76 0000	36 66			1 48
77 0000	36 61			
78 0000	36 63			
79 0000	36 67			
80 0000	36 60			
81 0000	36 61			
82 0000	36 65			
83 0000	36 63			
84 0000	36 70			
85 0000	36 62			
86 0000	36 63			
87 0000	36 67			
88 0000	36 64			
89 0000	36 62			
90 0000	36 66			
91 0000	36 59			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
92.0000	36 62			
93 0000	36 66			
94 0000	36 72			
95 0000	36 67			
96 0000	36 68			
97 0000	36.65			
98 0000	36.61			
99 0000	36 66			
100.000	36 69			
101 000	36.68			
102.000	36.68			
103 000	36.62			
104.000	36.65			
105 000	36 69			
106.000	36.68			
107 000	36.65			
108.000	36.56			
109 000	36 60			
110.000	36 63			
111 000	36.57			
112.000	36.53			
113 000	36.58			
114 000	36.57			
115 000	36.56			
116.000	36.58			
117 000	36.56			
118.000	36.54			
119 000	36 48			
120.000	36.53			
121 000	36.56			
122.000	36.56			
123 000	36.56			
124 000	36.51			
125 000	36 47			
126.000	36.55			
127 000	36.54			
128 000	36.51			
129 000	36.51			
130 000	36.59			
131 000	36.55			
132.000	36 63			
133 000	36.59			
134 000	36.57			
135 000	36.54			
136.000	36.58			
137 000	36.54			
138 000	36.56			
139 000	36.54			
140 000	36.52			
141 000	36 49			
142.000	36.50			
143 000	36.56			
144 000	36 47			
145 000	36 85			
146.000	36 85			
147 000	36 88			
148 000	36 83			
149 000	36 84			
150.000	36 81			
151 000	36 87			
152.000	36 85			
153 000	36 76			
154 000	36 87			
155 000	36 91			
156.000	36 82	36 65		
157 000	36.95			
158.000	36 81			
159 000	36.89			
160.000	36 96			
161 000	36.91			
162.000	36.87			
163 000	36.95			
164 000	36 84			
165 000	36 90			
166.000	36 89			
167 000	36.83			
168.000	36 84			
169 000	36 90			
170.000	36.85			
171 000	36.83			
172.000	36.93			
173 000	36 83			
174 000	36 93			
175 000	36 79			
176.000	36.85			
177 000	36 89			
178.000	36 86			
179 000	36 86			
180.000	36 83			
181 000	36 85			
182.000	36 87			
183 000	36 85			
184 000	36 79			
185 000	36.88			
186.000	36.84			
187 000	36 80			
188.000	36 84			
189 000	36.85			
190.000	36 88			
191 000	36.80			
192.000	36 88			
193 000	36 86			
194 000	36 87			
195 000	36 82			
196.000	36 89			
197 000	36 91			
198 000	36 83			
199 000	36 83			
200.000	36 86			
201 000	36 90			
202.000	36 82			
203 000	36 85			
204.000	36 87			
205 000	36 84			
206.000	36 83			
207 000	36 87			
208.000	36 84			
209 000	36 87			
210.000	36 83			
211 000	36 88			
212.000	36 87			
213 000	36 83			
214 000	36 84			
215 000	36 86			
216.000	36.85			
217 000	36 86			
218.000	36 86			
219 000	36 81			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
220 000	36 80			
221 000	36 89			
222.000	36 77			
223 000	36 81			
224 000	36 81			
225 000	36.76			
226.000	36 79			
227 000	36 85			
228 000	36 86			
229 000	36.90			
230 000	36.80			
231 000	36 78			
232.000	36.71			
233 000	36.80			
234 000	36 78			
235 000	36.88			
236.000	36 79			
237 000	36.82			
238.000	36.82			
239 000	36 85			
240.000	36.81			
241 000	36 77			
242.000	36 77			
243 000	36.82			
244 000	36 80			
245 000	36 78			
246.000	36.75			
247 000	36.80			
248.000	36.82			
249 000	36 78			
250.000	36 86			
251 000	36 88			
252.000	36 80			
253 000	36 79			
254 000	36 77			
255 000	36 79			
256.000	36 83			
257 000	36 82			
258.000	36 75			
259 000	36 73			
260.000	36 83			
261 000	36 80			
262.000	36 83			
263 000	36 81			
264 000	36 87			
265 000	36 83			
266.000	36 81			
267 000	36 77			
268 000	36 84			
269 000	36 82			
270 000	36 79			
271 000	36 79			
272.000	36.77			
273 000	36 81			
274 000	36 83			
275 000	36 75			
276.000	36 74			
277 000	36 76			
278 000	36 83			
279 000	36 87			
280 000	36 90			
281 000	36 77			
282.000	36 89			
283 000	36 79			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
284.000	36.77			
285 000	36 85			
286.000	36 77			
287 000	36.78			
288.000	36 73			
289 000	36 85			
290.000	36 80			
291 000	36.87			
292.000	36.78			
293 000	36 90			
294.000	36 74			
295 000	36 81			
296.000	36 82			
297 000	36.88			
298.000	36 81			
299 000	36 81			
300.000	36 81			
301 000	36.83			
302.000	36.73			
303 000	36.77			
304.000	36 84			
305 000	36 88			
306.000	36 79			
307 000	36 76			
308.000	36.76			
309 000	36 75			
310.000	36 84			
311 000	36.87			
312.000	36.74			
313 000	36.83			
314 000	36.81			
315 000	36.81			
316.000	36.74			
317 000	36.83			
318 000	36 71			
319 000	36 78			
320.000	36.85			
321 000	36.73			
322.000	36 77			
323 000	36 87		1 48	
324 000	36 86			
325 000	36 94			
326.000	36 84			
327 000	36 78			
328.000	36.83	35 58	1.50	1036 Hz 199
329 000	36 85			
330.000	36 88			
331 000	36.77			
332.000	36 88			
333 000	36 84			
334 000	36.86			
335 000	36 87			
336.000	36 78			
337 000	36 79			
338 000	36 91			
339 000	36 82			
340.000	36 69			
341 000	36 71			
342.000	36 77			
343 000	36 83			
344 000	36 72			
345 000	36 78			
346.000	36 75			
347 000	36 77			

Elapsed T'me	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
348.000	36 75			
349 000	36 66			
350 000	36 71			
351 000	36 76			
352.000	36 69			
353 000	36.71			
354 000	36.73			
355 000	36.71			
356.000	36.75			
357 000	36.76			
358.000	36 69			
359 000	36.68			
360.000	36 76			
361 000	36 71			
362.000	36.77			
363 000	36 78			
364 000	36 78			
365 000	36 71			
366.000	36.77			
367 000	36 74			
368 000	36.67			
369 000	36 66			
370 000	36 76			
371 000	36 76			
372.000	36 72			
373 000	36 79			
374 000	36.78			
375 000	36 74			
376.000	36 73			
377 000	36 77			
378.000	36 77			
379 000	36 72			
380.000	36 71			
381 000	36 65			
382.000	36 66			
383 000	36 68			
384 000	36 81			
385 000	36.76			
386.000	36 74			
387 000	36 74			
388 000	36 67			
389 000	36 64			
390 000	36 68			
391 000	36 70			
392.000	36 72			
393 000	36 80			
394 000	36 75			
395 000	36 72			
396.000	36 78			
397 000	36 78			
398 000	36 69			
399 000	36 75			
400 000	36 75			
401 000	36 64			
402.000	36 78			
403 000	36 72			
404 000	36 74			
405 000	36 71			
406.000	36.72			
407 000	36 72			
408 000	36 83			
409 000	36 74			
410 000	36 68			
411 000	36 66			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
412.000	36 74			
413 000	36.69			
414 000	36 71			
415 000	36 69			
416.000	36 71			
417 000	36.75			
418.000	36 70			
419 000	36 66			
420.000	36 66			
421 000	36.72			
422.000	36.71			
423 000	36.70			
424.000	36 67			
425 000	36 62			
426.000	36 67			
427 000	36.71			
428.000	36.70			
429 000	36 72			
430.000	36 67			
431 000	36 69			
432.000	36 75			
433 000	36 75			
434 000	36 82			
435 000	36 78			
436.000	36 84			
437 000	36 71			
438.000	36 87			
439 000	36 75			
440.000	36.92			
441 000	36 73			
442.000	36 80			
443 000	36 78			
444 000	36 78			
445 000	36 84			
446.000	36 85			
447 000	36 80			
448 000	36.83			
449 000	36 80			
450.000	36 79			
451 000	36 81			
452.000	36 81			
453 000	36 80			
454 000	36 74			
455 000	36 82			
456.000	36 79			
457 000	36 80			
458 000	36 78			
459 000	36 84			
460.000	36 80			
461 000	36 74			
462.000	36 77			
463 000	36 81			
464 000	36 74			
465 000	36 74			
466.000	36 71			
467 000	36 73			
468 000	36 78			
469 000	36 74			
470.000	36 82			
471 000	36 73			
472.000	36 73			
473 000	36 73			
474 000	36 76			
475 000	36 76			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks	Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
476.000	36.76				540.000	36.42			
477 000	36.76				541 000	36.52			
478.000	36 73				542.000	36 40			
479 000	36 80				543 000	36.54			
480.000	36.76				544.000	36.45			
481 000	36 82				545 000	36.50			
482.000	36 82				546.000	36.52			
483 000	36 81				547 000	36.48			
484 000	36.83				548.000	36.58			
485 000	36.80				549 000	36.46			
486.000	36.87				550.000	36.52			
487 000	36.82				551 000	36.46			
488.000	36 78				552.000	36.49			
489 000	36.77				553 000	36.45			
490.000	36.82				554.000	36.52			
491 000	36.66				555 000	36.49			
492.000	36.72	36 59			556.000	36.49			
493 000	36.76				557 000	36.56			
494 000	36.72				558.000	36.43			
495 000	36.69				559 000	36.51			
496.000	36.77				560.000	36.50			
497 000	36 78				561 000	36.53			
498.000	36.76				562.000	36.51			
499 000	36.84				563 000	36.39			
500.000	36.70				564 000	36.45			
501 000	36.75				565 000	36 48			
502.000	36.87				566.000	36.51			
503 000	36.90				567 000	36.42			
504 000	36.88				568.000	36.55			
505 000	36.77				569 000	36.44			
506.000	36 70				570.000	36.48			
507 000	36.64				571 000	36 47			
508 000	36.76				572.000	36.43			
509 000	36.66				573 000	36.49			
510.000	36 75				574 000	36.50			
511 000	36 83				575 000	36.50			
512.000	36 75				576.000	36 46			
513 000	36 82				577 000	36.59			
514 000	36 81				578.000	36.50			
515 000	36 76				579 000	36 41			
516.000	36 73				580.000	36 45			
517 000	36 87				581 000	36 44			
518 000	36 78				582.000	36.46			
519 000	36.73				583 000	36.46			
520 000	36 75				584 000	36 40			
521 000	36 70				585 000	36 41			
522.000	36 71				586.000	36 49			
523 000	36 70				587 000	36 51			
524 000	36 78				588.000	36 43			
525 000	36 73				589 000	36 54			
526.000	36 68				590.000	36 42			
527 000	37 02				591 000	36 48			
528.000	36 02				592.000	36.51			
529 000	36 35				593 000	36 45			
530 000	36 27				594 000	36 49			
531 000	36 31				595 000	36 52			
532.000	36 42				596.000	36 44			
533 000	36 46		1 52		597 000	36.47			
534 000	36 46				598.000	36 43			
535 000	36 36				599 000	36 44			
536.000	36 45				600.000	36 47			
537 000	36 46				601 000	36 53			
538 000	36 49				602.000	36 53			
539 000	36.55				603 000	36 53			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
604 000	36 37			
605 000	36 41			
606.000	36 47			
607 000	36.51			
608.000	36.55			
609 000	36.38			
610.000	36 46			
611 000	36.55			
612.000	36.39			
613 000	36 43			
614 000	36.47			
615 000	36 42			
616.000	36.58			
617 000	36 42			
618.000	36 40			
619 000	36 34			
620.000	36.53			
621 000	36.52			
622.000	36.32			
623 000	36 42			
624 000	36 45			
625 000	36.40			
626.000	36 43			
627 000	36 41			
628 000	36.38			
629 000	36.33			
630.000	36 43			
631 000	36.49			
632.000	36 43			
633 000	36.48			
634 000	36 47			
635 000	36.50			
636.000	36 39			
637 000	36 46			
638.000	36.45			
639 000	36 31			
640 000	36 46			
641 000	36 39			
642.000	36 44			
643 000	36 44			
644 000	36 43			
645 000	36 39			
646.000	36 38			
647 000	36 38			
648 000	36 42			
649 000	36 54			
650.000	36 48			
651 000	36 39			
652.000	36 38			
653 000	36 43			
654 000	36 45			
655 000	36 38			
656 000	36.51			
657 000	36 42			
658 000	36 41			
659 000	36 40			
660.000	36 44			
661 000	36 33			
662.000	36 36			
663 000	36 35			
664 000	36 43			
665 000	36 48			
666.000	36 35			
667 000	36 43			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
668.000	36 49			
669 000	36.38			
670.000	36.28			
671 000	36 42			
672.000	36 42			
673 000	36.38			
674 000	36.47			
675 000	36.50			
676.000	36 40			
677 000	36.40			
678.000	36 46			
679 000	36 49			
680.000	36 49			
681 000	36 40			
682.000	36.41			
683 000	36.50			
684.000	36.31			
685 000	36 48			
686.000	36 44			
687 000	36 42			
688.000	36.40			
689 000	36 39			
690.000	36.39			
691 000	36.38			
692.000	36 37			
693 000	36 37			
694.000	36 42			
695 000	36.43			
696.000	36 38			
697 000	36.46			
698.000	36 46			
699 000	36.43			
700.000	36.34			
701 000	36.42			
702.000	36 40			
703 000	36.49			
704 000	36 44			
705 000	36 41			
706.000	36.52			
707 000	36 45			
708 000	36 39			
709 000	36.51			
710.000	36 41			
711 000	36 33			
712.000	36.44			
713 000	36 45			
714 000	36.50			
715 000	36 33			
716.000	36 34			
717 000	36 45			
718.000	36 39			
719 000	36 39			
720 000	36 36			
721 000	36 30			
722.000	36 29			
723 000	36 34			
724 000	36 44			
725 000	36 36			
726.000	36 45			
727 000	36 38			
728.000	36 37			
729 000	36 44			
730 000	36 30			
731 000	36 29			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks	Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
732.000	36 43				796.000	36 35			
733 000	36 47				797 000	36.24			
734 000	36.41				798.000	36 39			
735 000	36 38				799 000	36.53			
736.000	36 45				800.000	36 47			
737 000	36 43				801 000	36 42			
738.000	36.40				802.000	36.49			
739 000	36 42				803 000	36.40			
740.000	36 32				804.000	36.51			
741 000	36 39				805 000	36.40			
742.000	36.43				806.000	36 34			
743 000	36.38				807 000	36.42			
744 000	36 45				808.000	36.42			
745 000	36 44				809 000	36 49			
746.000	36 37				810.000	36 42			
747 000	36 37				811 000	36.41			
748.000	36.47				812.000	36.40			
749 000	36 43				813 000	36.45			
750.000	36 46				814 000	36.48			
751 000	36 40				815 000	36 42			
752.000	36 44				816.000	36.42			
753 000	36 28				817 000	36.41			
754 000	36 40				818.000	36 45			
755 000	36.52				819 000	36.39			
756.000	36 44				820.000	36.47			
757 000	36 45				821 000	36.43			
758 000	36 42				822.000	36 40			
759 000	36 36				823 000	36 41			
760.000	36 46				824 000	36 43			
761 000	36.32				825 000	36.40			
762.000	36 42				826.000	36 40			
763 000	36 41				827 000	36.48			
764 000	36 49				828.000	36 42			
765 000	36 36				829 000	36 37			
766.000	36 32				830.000	36.43			
767 000	36.35				831 000	36 48			
768 000	36 41				832.000	36 39			
769 000	36 37				833 000	36 42			
770.000	36 41				834 000	36.50			
771 000	36 33				835 000	36 41			
772.000	36 43				836.000	36 42			
773 000	36 33				837 000	36 43			
774 000	36.51				838 000	36 39			
775 000	36.51				839 000	36 43			
776.000	36 38				840.000	36 40			
777 000	36 30				841 000	36 43			
778 000	36 34				842.000	36 42			
779 000	36 42				843 000	36 48			
780 000	36 39				844 000	36 43			
781 000	36 40				845 000	36 39			
782.000	36 42				846.000	36 41			
783 000	36 40				847 000	36 46			
784 000	36 48				848.000	36 41			
785 000	36 39				849 000	36.51			
786.000	36 37				850.000	36 36			
787 000	36 41				851 000	36 50			
788 000	36 36				852.000	36 37			
789 000	36 49				853 000	36 42			
790 000	36.53				854 000	36.48			
791 000	36 39				855 000	36 45			
792.000	36 43				856.000	36 36			
793 000	36 40				857 000	36 45			
794 000	36 44				858.000	36 40			
795 000	36 45				859 000	36 41			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks	Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
860.000	36 43				924 000	36.52			
861 000	36 46				925 000	36.57			
862.000	36.47				926.000	36.55			
863 000	36 49				927 000	36.50			
864 000	36 43				928 000	36.57			
865 000	36.51				929 000	36 48			
866.000	36.49				930.000	36.54			
867 000	36 42				931 000	36 46			
868.000	36 44				932.000	36.51			
869 000	36.44				933 000	36.52			
870.000	36 45				934.000	36.56			
871 000	36.48				935 000	36.55			
872.000	36 49	36 58			936.000	36.51			
873 000	36.52				937 000	36 49			
874 000	36 43				938.000	36.53			
875 000	36 45				939 000	36.60			
876.000	36.58				940.000	36 46			
877 000	36.50				941 000	36.56			
878 000	36 49				942.000	36.50			
879 000	36 49				943 000	36.50			
880.000	36.53				944 000	36.59			
881 000	36 49				945 000	36.57			
882.000	36.52				946.000	36.59			
883 000	36 48				947 000	36.53			
884 000	36.53				948.000	36.51			
885 000	36.49				949 000	36 47			
886.000	36 41				950.000	36.45			
887 000	36 47		1 49		951 000	36.54			
888.000	36 48				952.000	36.54			
889 000	36.54				953 000	36.55			
890.000	36 45				954 000	36 49			
891 000	36.44				955 000	36.58			
892.000	36.51				956.000	36.48			
893 000	36.50				957 000	36.59			
894 000	36 45				958.000	36 48			
895 000	36 41				959 000	36.50			
896.000	36 49				960.000	36 48			
897 000	36 43				961 000	36 52			
898 000	36 44				962.000	36.52			
899 000	36.50				963 000	36.51			
900 000	36 45				964 000	36 55			
901 000	36.50				965 000	36.56			
902.000	36 49				966.000	36.59			
903 000	36 47				967 000	36 51			
904 000	36.55				968.000	36.46			
905 000	36 45				969 000	36.51			
906.000	36 49				970.000	36.55			
907 000	36 42				971 000	36.57			
908 000	36.58				972.000	36.55			
909 000	36.54				973 000	36.54			
910.000	36 60				974 000	36.59			
911 000	36.56				975 000	36.52			
912.000	36.53				976.000	36.55			
913 000	36 49				977 000	36.52			
914 000	36.52				978.000	36 64			
915 000	36.56				979 000	36 59			
916.000	36.50				980.000	36.57			
917 000	36.54				981 000	36 61			
918 000	36 46				982.000	36 56			
919 000	36 49				983 000	36 51			
920 000	36.55				984.000	36 54			
921 000	36 47				985 000	36 64			
922.000	36.54				986.000	36.56			
923 000	36.53				987 000	36 59			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
988.000	36.59			
989 000	36.54			
990.000	36 66			
991 000	36 61			
992.000	36.56			
993 000	36.57			
994 000	36.53			
995 000	36.54			
996.000	36.56			
997 000	36.52			
998.000	36.52			
999 000	36 62			
1000 00	36.53			
1001 00	36.53			
1002 00	36.49			
1003 00	36.69			
1004 00	36.55			
1005 00	36.59			
1006 00	36.55			
1007 00	36.58			
1008 00	36.52			
1009 00	36.54			
1010 00	36.53			
1011 00	36.56			
1012 00	36.55			
1013 00	36 61			
1014 00	36.54			
1015 00	36.65			
1016.00	36.60			
1017 00	36.51			
1018 00	36 61			
1019 00	36.58			
1020 00	36.53			
1021 00	36.56			
1022.00	36.59			
1023 00	36.55			
1024 00	36 65			
1025 00	36.54			
1026 00	36 67			
1027 00	36 62			
1028 00	36 66			
1029 00	36 64			
1030 00	36 62			
1031 00	36 60			
1032 00	36 69			
1033 00	36 61			
1034 00	36 66			
1035 00	36.52			
1036 00	36 57			
1037 00	36.56			
1038 00	36 61			
1039 00	36 65			
1040 00	36 58			
1041 00	36 62			
1042 00	36 66			
1043 00	36.56			
1044 00	36.57			
1045 00	36 74			
1046 00	36.56			
1047 00	36 66			
1048 00	36.55			
1049 00	36 72			
1050 00	36 63			
1051 00	36 65			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1052.00	36 72			
1053 00	36.74			
1054 00	36.72			
1055 00	36.55			
1056 00	36 73			
1057 00	36.58			
1058 00	36 62			
1059 00	36.60			
1060 00	36 66			
1061 00	36 67			
1062.00	36.57			
1063 00	36.68			
1064 00	36.66			
1065 00	36.59			
1066 00	36 63			
1067 00	36.70			
1068 00	36.54			
1069 00	36.63			
1070 00	36 70			
1071 00	36 62			
1072.00	36 69			
1073 00	36 63			
1074 00	36.58			
1075 00	36 63			
1076 00	36 69			
1077 00	36 62			
1078 00	36.58			
1079 00	36 65			
1080 00	36 60			
1081 00	36.66			
1082.00	36 60			
1083 00	36 68			
1084 00	36.56			
1085 00	36 61			
1086.00	36 63			
1087 00	36 63			
1088 00	36.75			
1089 00	36 66			
1090 00	36 65			
1091 00	36 67			
1092 00	36 70			
1093 00	36.56			
1094 00	36 60			
1095 00	36 72			
1096 00	36.61			
1097 00	36.50			
1098 00	36.54			
1099 00	36 72			
1100 00	36 56			
1101 00	36.73			
1102 00	36 59			
1103 00	36 69			
1104 00	36 53			
1105 00	36 68			
1106 00	36 57			
1107 00	36 60			
1108 00	36 67			
1109 00	36 68			
1110 00	36 58			
1111 00	36.58			
1112 00	36 61			
1113 00	36 56			
1114 00	36 61			
1115 00	36 61			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1116 00	36 62			
1117 00	36 63			
1118 00	36.65			
1119 00	36.68			
1120 00	36.56			
1121 00	36.57			
1122 00	36.69			
1123 00	36 66			
1124 00	36.68			
1125 00	36.62			
1126 00	36 68			
1127 00	36 61			
1128 00	36.70			
1129 00	36 64			
1130 00	36.58			
1131 00	36.68			
1132.00	36.76			
1133 00	36 71			
1134 00	36 66			
1135 00	36 72			
1136 00	36 76			
1137 00	36 65			
1138 00	36 64			
1139 00	36.71			
1140 00	36.72			
1141 00	36 66			
1142 00	36 73			
1143 00	36 75			
1144 00	36 69			
1145 00	36 67			
1146 00	36 67			
1147 00	36 80			
1148 00	36 64			
1149 00	36 72			
1150 00	36 72			
1151 00	36.80			
1152.00	36 67			
1153 00	36 81			
1154 00	36 72			
1155 00	36 75			
1156 00	36 75			
1157 00	36 76			
1158 00	36 78			
1159 00	36 76			
1160 00	36 75			
1161 00	36 74			
1162 00	36 77			
1163 00	36 81			
1164 00	36 70			
1165 00	36 77			
1166 00	36 74			
1167 00	36 81			
1168 00	36 82			
1169 00	36 71			
1170 00	36 81			
1171 00	36 73			
1172 00	36 78			
1173 00	36 77			
1174 00	36 76			
1175 00	36 73			
1176 00	36 73			
1177 00	36 79			
1178 00	36 69			
1179 00	36 82			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1180 00	36 79			
1181 00	36 80			
1182.00	36.75			
1183 00	36 74			
1184 00	36 71			
1185 00	36.76			
1186.00	36.72			
1187 00	36.75			
1188 00	36.82			
1189 00	36.73			
1190 00	36.73			
1191 00	36 72			
1192.00	36.64			
1193 00	36.73			
1194 00	36.72			
1195 00	36.72			
1196 00	36.74			
1197 00	36 72			
1198 00	36 68			
1199 00	36 73			
1200 00	36 72			
1201 00	36 67			
1202.00	36 65			
1203 00	36.72			
1204 00	36 67			
1205 00	36 65			
1206.00	36.66			
1207 00	36 75			
1208 00	36.70			
1209 00	36 62			
1210 00	36 63			
1211 00	36.73			
1212.00	36.65			
1213 00	36 73			
1214 00	36.70			
1215 00	36.02			
1216 00	36 65			
1217 00	36 66			
1218 00	36 65			
1219 00	36 64			
1220 00	36 67			
1221 00	36 70			
1222 00	36 72			
1223 00	36 73			
1224 00	36.71			
1225 00	36 71			
1226 00	36 69			
1227 00	36 89			
1228 00	36 79			
1229 00	36 79			
1230 00	36 73			
1231 00	36 70			
1232 00	36 78			
1233 00	36 72			
1234 00	36 74			
1235 00	36 75			
1236 00	36 87			
1237 00	36 80			
1238 00	36 78			
1239 00	36 68			
1240 00	36 80			
1241 00	36 73			
1242 00	36 77			
1243 00	36 78			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1244 00	36 85			
1245 00	36 89			
1246 00	36 78			
1247 00	36.74			
1248 00	36.88			
1249 00	36 78			
1250 00	36.80			
1251 00	36 73			
1252.00	36.75			
1253 00	36 84			
1254 00	36.85			
1255 00	36 92			
1256 00	36 84			
1257 00	36.78			
1258 00	36.82			
1259 00	36.74			
1260 00	36 78			
1261 00	36 83			
1262 00	36 83			
1263 00	36 78			
1264 00	36 86			
1265 00	36 86			
1266 00	36 78			
1267 00	36.74			
1268 00	36 72			
1269 00	36 88			
1270 00	36 84			
1271 00	36 83			
1272.00	36.74			
1273 00	36 72			
1274 00	36 75			
1275 00	36 76			
1276 00	36 78			
1277 00	36 76			
1278 00	36 72			
1279 00	36 85			
1280 00	36 79			
1281 00	36 86			
1282 00	36 87			
1283 00	36 79			
1284 00	36 78			
1285 00	36 78			
1286.00	36 82			
1287 00	36 80			
1288 00	36 86			
1289 00	36 76			
1290 00	36 72			
1291 00	36 78			
1292 00	36 82			
1293 00	36 83			
1294 00	36 84			
1295 00	36 72			
1296 00	36 79			
1297 00	36 80			
1298 00	36 82			
1299 00	36 92			
1300 00	36 78			
1301 00	36 80			
1302 00	36 75			
1303 00	36 74			
1304 00	36 77			
1305 00	36 82			
1306 00	36 79			
1307 00	36 81			
1308 00	36 78			
1309 00	36 76			
1310 00	36 77			
1311 00	36 76			
1312 00	36.78			
1313 00	36 82			
1314 00	36 82			
1315 00	36.83			
1316.00	36 73			
1317 00	36 79			
1318 00	36 77			
1319 00	36 82			
1320 00	36 80			
1321 00	36 83			
1322.00	36.73			
1323 00	36 79			
1324 00	36 70			
1325 00	36 77			
1326.00	36.78			
1327 00	36 76			
1328 00	36 74			
1329 00	36 79			
1330 00	36.77			
1331 00	36.80			
1332.00	36 79			
1333 00	36 78			
1334 00	36.78			
1335 00	36.77			
1336.00	36 77			
1337 00	36.72			
1338 00	36 84			
1339 00	36 77			
1340 00	36 78			
1341 00	36.78			
1342 00	36 84			
1343 00	36 83			
1344 00	36 79			
1345 00	36 77			
1346 00	36 81			
1347.00	36 78			
1348 00	36 74			
1349 00	36 77			
1350 00	36 81			
1351 00	36 72			
1352 00	36 77			
1353 00	36 90			
1354 00	36 90			
1355 00	36 84			
1356 00	36 84			
1357 00	36 84			
1358 00	36 76			
1359 00	36 76			
1360 00	36 77			
1361 00	36 77			
1362.00	36 82			
1363 00	36 78			
1364 00	36 74			
1365 00	36 70			
1366 00	36 80			
1367 00	36 69			
1368 00	36 80			
1369 00	36 74			
1370 00	36 73			
1371 00	36 78			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1372 00	36 78			
1373 00	36.70			
1374 00	36 76			
1375 00	36 73			
1376 00	36 77			
1377 00	36 83			
1378 00	36 81			
1379 00	36 80			
1380 00	36 77			
1381 00	36 84			
1382.00	36 73			
1383 00	36 77			
1384 00	36.75			
1385 00	36 77			
1386 00	36.79			
1387 00	36 90			
1388 00	36 83			
1389 00	36 80			
1390 00	36 86			
1391 00	36 81			
1392 00	36 72			
1393 00	36 75			
1394 00	36 72			
1395 00	36 78			
1396 00	36 79			
1397 00	36 73			
1398 00	36 68			
1399 00	36.79			
1400 00	36 83			
1401 00	36 86			
1402 00	36.77			
1403 00	36 76			
1404 00	36.89			
1405 00	36 80			
1406 00	36 81			
1407 00	36 78			
1408 00	36 83			
1409 00	36 75			
1410 00	36 77			
1411 00	36 80			
1412 00	36 78			
1413 00	36 80			
1414 00	36 76			
1415 00	36 74			
1416 00	36.80			
1417 00	36 77			
1418 00	36 77			
1419 00	36 81			
1420 00	36 71			
1421 00	36 78			
1422 00	36 80			
1423 00	36 94			
1424 00	36 81			
1425 00	36 76			
1426 00	36 80			
1427 00	36 79			
1428 00	36 73			
1429 00	36 84			
1430 00	36 73			
1431 00	36 87			
1432 00	36 73			
1433 00	36 78			
1434 00	36 77			
1435 00	36 85			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1436.00	36.74			
1437 00	36 78			
1438 00	36 85			
1439 00	36 75			
1440 00	36 82			
1441 00	36 79			
1442.00	36 78			
1443 00	36 80			
1444 00	36 83			
1445 00	36 84			
1446.00	36.87			
1447 00	36.83			
1448 00	36 77			
1449 00	36 79			
1450 00	36 87			
1451 00	36.80			
1452.00	36.82			
1453 00	36 72			
1454 00	36 83			
1455 00	36.76			
1456.00	36.83			
1457 00	36 83			
1458 00	36 85			
1459 00	36.87			
1460 00	36 88			
1461 00	36 84			
1462.00	36 79			
1463 00	36 99			
1464 00	36 85			
1465 00	36 82			
1466.00	36 83			
1467 00	36.79			
1468 00	36 76			
1469 00	36 74			
1470 00	36.73			
1471 00	36.79			
1472 00	36 88			
1473 00	36 79			
1474 00	36 79			
1475 00	36 78			
1476 00	36 81			
1477 00	36 77			
1478 00	36 80			
1479 00	36 76			
1480 00	36 77			
1481 00	36 79			
1482 00	36 82			
1483 00	36 75			
1484 00	36 79			
1485 00	36 74			
1486 00	36 74			
1487 00	36 86			
1488 00	36 77			
1489 00	36 69			
1490 00	36 76			
1491 00	36 79			
1492 00	36 75			
1493 00	36 76			
1494 00	36 95			
1495 00	36 74			
1496 00	36 77			
1497 00	36 77			
1498 00	36 78			
1499 00	36 82			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1500 00	36 84			
1501 00	36 74			
1502 00	36.76			
1503 00	36 76			
1504 00	36.79			
1505 00	36.75			
1506 00	36 79			
1507 00	36.73			
1508 00	36 84			
1509 00	36.72			
1510 00	36.74			
1511 00	36.74			
1512 00	36 79			
1513 00	36.84			
1514 00	36 84			
1515 00	36.69			
1516 00	36 74			
1517 00	36.76			
1518 00	36 71			
1519 00	36 78			
1520 00	36 71			
1521 00	36 78			
1522 00	36 78			
1523 00	36 80			
1524 00	36 77			
1525 00	36.73			
1526 00	37 11			
1527 00	37 12			
1528 00	37 11			
1529 00	37 08			
1530 00	36.96	36 85		
1531 00	37 08			
1532 00	37 04			
1533 00	36.96			
1534 00	36 96			
1535 00	37 05			
1536 00	37 08			
1537 00	37 06			
1538 00	36 98			
1539 00	37 08		1 48	
1540 00	37 11			
1541 00	37 11			
1542 00	36 98			
1543 00	37 03			
1544 00	36 97			
1545 00	37 03			
1546 00	37 11			
1547 00	37 16			
1548 00	37 06			
1549 00	37 05			
1550 00	36 45			
1551 00	36 47			
1552 00	37 07			
1553 00	37 10			
1554 00	37 04			
1555 00	37 08			
1556 00	37 07			
1557 00	37 06			
1558 00	37 00			
1559 00	37 04			
1560 00	37 14			
1561 00	37 08			
1562 00	37 16			
1563 00	37 16			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1564 00	37 02			
1565 00	37 13			
1566 00	37.20			
1567 00	37 14			
1568 00	37 24			
1569 00	37 15			
1570 00	37 12			
1571 00	37 09			
1572 00	37 08			
1573 00	37 13			
1574 00	37 13			
1575 00	37 05			
1576 00	37.07			
1577 00	37 04			
1578 00	37 10			
1579 00	37 10			
1580 00	37 19			
1581 00	37 03			
1582 00	37 05			
1583 00	37 14			
1584 00	37 09			
1585 00	37 06			
1586 00	37 15			
1587 00	37 11			
1588 00	37 03			
1589 00	37 00			
1590 00	37 08			
1591 00	37 05			
1592.00	37 03			
1593 00	37 12			
1594 00	37 01			
1595 00	37 09			
1596 00	36 98			
1597 00	37 09			
1598 00	37 09			
1599 00	37 10			
1600 00	37 10			
1601 00	37 05			
1602.00	37 08			
1603 00	37 01			
1604 00	37 14			
1605 00	37 13			
1606 00	37 13			
1607 00	37 07			
1608 00	37 01			
1609 00	37 02			
1610 00	37 16			
1611 00	37 02			
1612 00	37 00			
1613 00	36 96			
1614 00	37 15			
1615 00	37 08			
1616 00	36 98			
1617 00	37 00			
1618 00	37 08			
1619 00	36 94			
1620 00	37 00			
1621 00	37 10			
1622 00	36 98			
1623 00	37 05			
1624 00	36 94			
1625 00	36 95			
1626 00	36 94			
1627 00	37 01			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1628 00	37 08			
1629 00	37 02			
1630 00	37 05			
1631 00	36 98			
1632 00	37 02			Sc 810 µSiemen/cm pH 6.9 T 13°C
1633 00	36.95			
1634 00	37 06			
1635 00	37 09			
1636 00	36 93			
1637 00	37 05			
1638 00	37 19			
1639 00	37 10			
1640 00	37 13			
1641 00	36 98			
1642 00	37 12			
1643 00	36 98			
1644 00	37 02			
1645 00	36 98			
1646 00	37 05			
1647 00	37 09			
1648 00	37 06			
1649 00	36 98			
1650 00	37 09			
1651 00	37 04			
1652 00	37 06			
1653 00	37 00			
1654 00	37 05			
1655 00	37 08			
1656 00	36 96			
1657 00	37 02			
1658 00	37 03			
1659 00	37 02			
1660 00	37 04			
1661 00	37 02			
1662 00	36 89			
1663 00	36 98			
1664 00	37 03			
1665 00	37 05			
1666 00	37 04			
1667 00	37 04			
1668 00	36 98			
1669 00	37 02			
1670 00	36 98			
1671 00	37 05			
1672 00	37 03			
1673 00	37 00			
1674 00	36 99			
1675 00	37 01			
1676 00	36 99			
1677 00	37 06			
1678 00	37 01			
1679 00	37 01			
1680 00	37 01			
1681 00	37 00			
1682 00	37 01			
1683 00	37 00			
1684 00	36 95			
1685 00	37 04			
1686 00	36 99			
1687 00	37 14			
1688 00	36 99			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1689 00	37 05			
1690 00	37 05			
1691 00	37 05			
1692 00	37 04			
1693 00	36 95			
1694 00	37 08			
1695 00	37 04			
1696.00	37 02			
1697 00	37 06			
1698 00	36 99			
1699 00	36 95			
1700 00	37 02			
1701 00	37 04			
1702.00	36 98			
1703 00	37 02			
1704 00	37 08			
1705 00	37 00			
1706 00	37 06			
1707 00	37 02			
1708 00	36 97			
1709 00	37 03			
1710 00	37 04			
1711 00	37 00			
1712 00	37 07			
1713 00	36 95			
1714 00	37 09			
1715 00	37 06			
1716 00	37 08			
1717 00	36.95			
1718 00	36.99			
1719 00	37 00			
1720 00	37 11			
1721 00	37 02			
1722.00	37 01			
1723 00	37 07			
1724 00	36.97			
1725 00	37 07			
1726.00	37 06			
1727 00	37 12			
1728 00	36 94			
1729 00	37 12			
1730 00	37 02			
1731 00	37 05			
1732.00	35 94			
1733 00	36 66			
1734 00	36 70			
1735 00	36 77			
1736 00	36 72			
1737 00	36 77			
1738 00	36 78			
1739 00	36 74			
1740 00	36 78			
1741 00	36 68			
1742.00	36 77			
1743 00	36 77			
1744 00	36 78			
1745 00	36 71			
1746 00	36 72			
1747 00	36 74			
1748 00	36 74			
1749 00	36 71			
1750 00	36 64			
1751 00	36 72			
1752.00	36 71			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1753 00	36 79			
1754 00	36 78			
1755 00	36.78			
1756 00	36 65			
1757 00	36.72			
1758 00	36 74			
1759 00	36 83			
1760 00	36 66			
1761 00	36 78			
1762.00	36 77			
1763 00	36 71			
1764 00	36 76			
1765 00	36 72			
1766 00	36 71			
1767 00	36 69			
1768 00	36 66			
1769 00	36.73			
1770 00	36 66			
1771 00	36 78			
1772 00	36 70			
1773 00	36 73			
1774 00	36.70			
1775 00	36 73			
1776 00	36 66			
1777 00	36 69			
1778 00	36 70			
1779 00	36.76			
1780 00	36 73			
1781 00	36 73			
1782 00	36 73			
1783 00	36 73			
1784 00	36 72			
1785 00	36 70			
1786 00	36.70			
1787 00	36.76			
1788 00	36 70			
1789 00	36 66			
1790 00	36 74			
1791 00	36 65			
1792.00	36 73			
1793 00	36 72			
1794 00	36 72			
1795 00	36.72			
1796 00	36 69			
1797 00	36 67			
1798 00	36 68			
1799 00	36 75			
1800 00	36 68			
1801 00	36 72			
1802 00	36 67			
1803 00	36 70			
1804 00	36 68			
1805 00	36 74			
1806 00	36 74			
1807 00	36 64			
1808 00	36 79			
1809 00	36 65			
1810 00	36 75			
1811 00	36 66			
1812 00	36 69			
1813 00	36 69			
1814 00	36 72			
1815 00	36 62			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1816 00	36 75			
1817 00	36 62			
1818 00	36 71			
1819 00	36.70			
1820 00	36.72			
1821 00	36.72			
1822.00	36 71			
1823 00	36.74			
1824 00	36 76			
1825 00	36 72			
1826.00	36.70			
1827 00	36.68			
1828 00	36.72			
1829 00	36.68			
1830 00	36 76			
1831 00	36.64			
1832.00	36.71			
1833 00	36.72			
1834 00	36 65			
1835 00	36 65			
1836 00	36 77			
1837 00	36 75			
1838 00	36 63			
1839 00	36.71			
1840 00	36 78			
1841 00	36 74			
1842.00	36 66			
1843 00	36.69			
1844.00	36.66			
1845 00	36 66			
1846 00	36.73			
1847 00	36.66			
1849 00	36 68			
1850 00	36.67			
1851 00	36.72			
1852.00	36 75			
1853 00	36.70			
1854 00	36 66			
1855 00	36.70			
1856 00	36 73			
1857 00	36 68			
1858 00	36.68			
1859 00	36 70			
1860 00	36 69			
1861 00	36.71			
1862.00	36 69			
1863 00	36 71			
1864 00	36.69			
1865 00	36.72			
1866 00	36 67			
1867.00	36 68			
1868 00	36 66			
1869 00	36 62			
1870 00	36 69			
1871 00	36 66			
1872 00	36 63			
1873 00	36 72			
1874 00	36 66			
1875 00	36 64			
1876 00	36 75			
1877 00	36 64			
1878 00	36 73			
1879 00	36 67			
1880 00	36 66			

Elapsed Time	Value	Hand Meas	Flow Rate (Bucket Test)	Remarks
1881 00	36 73			
1882.00	36 64			
1883 00	36 64			
1884 00	36 67			
1885 00	36.63			
1886.00	36 69			
1887 00	36 67			
1888 00	36 63			
1889 00	36 65			
1890 00	36.69			
1891 00	36 65			
1892.00	36.66			
1893 00	36.66			
1894 00	36.71			
1895 00	36 67			
1896 00	36 65			
1897 00	36 64			
1898 00	36.69			
1899 00	36 63			
1900 00	36 69			
1901 00	36 61			
1902.00	36 62			
1903 00	36.66			
1904 00	36 74			
1905 00	36.72			
1906 00	36.70			
1907 00	36 71			
1908 00	36 64			
1909 00	36.66			
1910 00	36 67			
1911 00	36 66			
1912.00	36 61			
1913 00	36 61			
1914 00	36.62			
1915 00	36 68			
1916 00	36 61			
1917 00	36.59			
1918 00	36 63			
1919 00	36 65			
1920 00	36 64			
1921 00	36 68			
1922.00	36 63			
1923 00	36 65			
1924 00	36 65			
1925 00	36 65			
1926 00	36 63			
1927 00	36 67			
1928 00	36 64			
1929 00	36 63			
1930 00	36 63			
1931 00	36 68			
1932 00	36 60			
1933 00	36.70			
1934 00	36 69			
1935 00	36 61			
1936 00	36 72			
1937 00	36 68		1 56	
1938 00	36 57			
1939 00	36 59			
1940 00	36 70			
1941 00	36 77			
1942 00	36 65			
1943 00	36 68			
1944 00	36 61			
1945 00	36 63			
1946 00	36.60			
1947 00	36 63			
1948 00	36 64			
1949 00	36 61			
1950 00	36 72			
1951 00	36.59			
1952.00	36 69			
1953 00	36.62			
1954 00	36.62			
1955 00	36 63			
1956.00	36.66			
1957 00	36 60			
1958 00	36 65			
1959 00	36 63			
1960 00	36 65			
1961 00	36.61			
1962.00	36 66			
1963 00	36 66			
1964 00	36 61			
1965 00	36.54			
1966 00	36 65			
1967 00	36 62			
1968 00	36.66			
1969 00	36.58			
1970 00	36 63			
1971 00	36 66			
1972.00	36.59			
1973 00	36 61			
1974 00	36 63			
1975 00	36 63			
1976 00	36 57			
1977 00	36.61			
1978 00	36 64			
1979 00	36 62			
1980 00	36.57			
1981 00	36 71			
1982.00	36 61			Sc 700 µSiemen/cm pH N/A T 23°
1983 00	36 68			
1984 00	36 62			
1985 00	36 66			
1986 00	36 69			
1987 00	36.59			
1988 00	36 61			
1989 00	36 50			
1990 00	36 51			

Well 20891 File 10
SE1000B
Environmental Logger
05/06 11.26

Unit# 01007 Test# 0

INPUT 2 Level (F) TOC

Reference 36 68
Scale factor 10 03
Offset 0 00

Step# 0 05/04 17 22

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	39 73		1.5833	52.45		54 0000	35.29	
0 0033	39 60		1.6667	38.25		56.0000	35.27	
0 0066	39 88		1 7500	37 12		58 0000	35.25	
0 0099	39 91		1 8333	37 11		60 0000	35.23	
0 0133	39 77		1 9167	37 10		62.0000	35.21	
0 0166	39 71		2.0000	37 09		64 0000	35 19	
0 0200	39 72		2.5000	36.97		66.0000	35 17	
0 0233	39 67		3.0000	36.84		68.0000	35 15	
0.0266	39.59		3.5000	36.74		70.0000	35 14	
0.0300	39.53		4.0000	36.66		72.0000	35 12	
0 0333	39 49		4.5000	36.63		74 0000	35 10	
0 0500	39.28		5 0000	36.57		76.0000	35 09	
0 0666	39 10		5.5000	36.53		78 0000	35 07	
0 0833	38.96		6.0000	36.50		80 0000	35 06	
0 1000	38.84		6.5000	36.47		82.0000	35 04	
0.1166	38.73		7 0000	36.44		84 0000	35 03	
0 1333	38.66		7.5000	36.41		86.0000	35 02	
0 1500	38.59		8 0000	36.38		88 0000	35 00	
0 1666	38.54		8.5000	36.36		90 0000	34 99	
0 1833	38.50		9 0000	36.33		92.0000	34 98	
0.2000	38.44		9.5000	36.31		94 0000	34 97	
0.2166	39 32		10 0000	36.28		96 0000	34 96	
0.2333	39 58		12.0000	36.17		98 0000	34 94	
0.2500	39 81		14 0000	36 08		100.000	34 93	
0.2666	39 60		16.0000	36.01		110.000	34 87	
0.2833	39 74		18 0000	35 94		120.000	34 82	
0.3000	41 78		20 0000	35 88		130.000	34 78	
0.3166	44.21		22.0000	35 83		140 000	34 74	
0.3333	46.33		24 0000	35 78		150 000	34 70	
0 4167	52.46		26.0000	35 73		160.000	34 66	
0.5000	52.45		28 0000	35 69		170.000	34 62	
0.5833	52.49		30 0000	35 65		180.000	34.59	
0 6667	52.45		32.0000	35 61		190.000	34 56	
0 7500	52.45		34 0000	35.57		200.000	34 53	
0 8333	52.48		36.0000	35.53		210 000	34 50	
0 9167	52.48		38 0000	35.50		220.000	34 48	
1 0000	52.50		40 0000	35 47		230.000	34 45	
1 0833	52.49		42.0000	35 44		240 000	34 43	
1 1667	52.48		44 0000	35 41		250.000	34 41	
1.2500	52.47		46.0000	35 38		260 000	34 38	
1.3333	52.47		48.0000	35.36		270.000	34.36	
1 4166	52.44		50 0000	35 33		280.000	34 34	
1.5000	52.44		52.0000	35 31		290 000	34 32	

Elapsed Time	Value	Hand Meas
300.000	34.29	
310.000	34.27	
320.000	34.26	
330.000	34.24	
340.000	34.22	
350.000	34.20	
360.000	34 18	
370.000	34 16	
380.000	34 15	
390.000	34 13	
400.000	34 12	
410.000	34 10	
420.000	34.09	
430.000	34.08	
440.000	34.06	
450.000	34.05	
460.000	34.03	
470.000	34.02	
480.000	34.01	
490.000	33 99	
500.000	33 98	
510.000	33 97	
520.000	33 96	
530.000	33 94	
540.000	33 93	
550.000	33 92	
560.000	33 91	
570.000	33 90	
580.000	33.89	
590.000	33.88	
600.000	33 87	
610.000	33 85	
620.000	33 85	
630.000	33.84	
640.000	33 83	
650.000	33 82	
660.000	33 81	
670.000	33 80	
680.000	33 80	
690.000	33 79	
700.000	33 79	
710.000	33 78	
720.000	33 77	
730.000	33 77	
740.000	33 76	
750.000	33 75	
760.000	33 75	
770.000	33 74	
780.000	33 74	
790.000	33 74	
800.000	33 73	
810.000	33 73	
820.000	33 72	
830.000	33 72	
840.000	33 71	
850.000	33 71	
860.000	33 70	
870.000	33 70	
880.000	33 70	
890.000	33 70	
900.000	33.69	
910.000	33.69	

Elapsed Time	Value	Hand Meas
920.000	33.69	
930.000	33.68	
940.000	33 68	
950.000	33 67	
960.000	33 67	
970.000	33 66	
980.000	33 66	
990.000	33.65	
1000.00	33.65	
1100.00	33 62	
1200.00	33.58	
1300.00	33.52	
1400.00	33 48	
1500.00	33 45	
1600.00	33 43	
1700.00	33 42	
1800.00	33 43	
1900.00	33 41	
2000.00	33.38	
2100.00	33.36	
2200.00	33.33	
2300 00	33.33	
2400.00	33.32	
2500 00	33.30	

Elapsed Time	Value	Hand Meas

Well 20891 File 11
SE1000B
Environmental Logger
05/11 17 08

Unit# 01007 Test# 0

INPUT 2 Level (F) TOC

Reference 30 55
Scale factor 10 03
Offset 0 00

Step# 0 05/06 11 33

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	30 54		1170 00	30 39		2340 00	30 23	
30 0000	30.54		1200 00	30 39		2370 00	30.23	
60 0000	30 53		1230 00	30 39		2400 00	30 23	
90 0000	30 52		1260 00	30 38		2430 00	30.22	
120 000	30 51		1290 00	30 38		2460 00	30 22	
150 000	30 50		1320 00	30 37		2490 00	30.22	
180 000	30 49		1350 00	30 37		2520 00	30 21	
210 000	30 49		1380 00	30.37		2550 00	30.21	
240 000	30 48		1410 00	30 36		2580 00	30.21	
270 000	30 47		1440 00	30 35		2610 00	30 21	
300 000	30 46		1470 00	30 35		2640 00	30.21	
330 000	30 46		1500 00	30 35		2670 00	30 21	
360 000	30 46		1530 00	30 35		2700 00	30.21	
390 000	30 45		1560 00	30 34		2730 00	30.21	
420 000	30 44		1590 00	30 33		2760 00	30 20	
450 000	30 43		1620 00	30 34		2790 00	30 19	
480 000	30 43		1650 00	30 33		2820 00	30 19	
510 000	30 43		1680 00	30 33		2850 00	30 19	
540 000	30 43		1710 00	30 31		2880 00	30 17	
570 000	30 43		1740 00	30 31		2910 00	30 16	
600 000	30 43		1770 00	30 31		2940 00	30 15	
630 000	30 43		1800 00	30 30		2970 00	30 14	
660 000	30 43		1830 00	30 30		3000.00	30 13	
690 000	30 43		1860 00	30 29		3030 00	30 13	
720 000	30 42		1890 00	30 29		3060 00	30 11	
750 000	30 42		1920 00	30 28		3090 00	30 10	
780 000	30 42		1950 00	30 27		3120 00	30 09	
810 000	30 41		1980 00	30 28		3150 00	30 09	
840 000	30 41		2010 00	30 27		3180 00	30 09	
870 000	30 41		2040 00	30 27		3210 00	30 08	
900 000	30 40		2070 00	30 27		3240 00	30 08	
930 000	30 40		2100 00	30 27		3270 00	30 08	
960 000	30 39		2130 00	30 26		3300 00	30 07	
990 000	30 39		2160 00	30 26		3330 00	30 06	
1020 00	30 39		2190 00	30 25		3360 00	30 06	
1050 00	30 39		2220 00	30 25		3390 00	30 05	
1080 00	30 39		2250 00	30 25		3420 00	30 05	
1110 00	30 39		2280 00	30 24		3450 00	30 04	
1140 00	30 39		2310 00	30 24		3480 00	30 04	

Elapsed Time	Value	Hand Meas
3510 00	30 04	
3540 00	30 03	
3570 00	30 03	
3600 00	30 02	
3630 00	30 02	
3660 00	30 01	
3690 00	30 00	
3720 00	30 00	
3750 00	29 99	
3780 00	29 99	
3810 00	29 98	
3840 00	29 98	
3870 00	29 97	
3900 00	29 97	
3930 00	29 96	
3960 00	29 96	
3990 00	29 96	
4020 00	29 96	
4050 00	29 96	
4080 00	29 96	
4110 00	29 96	
4140 00	29 96	
4170 00	29 96	
4200 00	29 95	
4230 00	29 95	
4260 00	29 94	
4290 00	29 93	
4320 00	29 92	
4350 00	29 91	
4380 00	29 90	
4410 00	29 89	
4440 00	29 87	
4470 00	29 87	
4500 00	29 86	
4530 00	29 85	
4560 00	29 85	
4590 00	29 84	
4620 00	29 85	
4650 00	29 86	
4680 00	29 87	
4710 00	29 90	
4740 00	29 90	
4770 00	29 90	
4800 00	29 91	
4830 00	29 92	
4860 00	29 93	
4890 00	29 93	
4920 00	29 94	
4950 00	29 96	
4980 00	29 97	
5010 00	29 98	
5040 00	29 99	
5070 00	30 00	
5100 00	30 01	
5130 00	30 02	
5160 00	30 03	
5190 00	30 04	
5220 00	30 05	
5250 00	30 06	
5280 00	30 06	
5310 00	30 07	
5340 00	30 07	
5370 00	30 07	

Elapsed Time	Value	Hand Meas
5400 00	30 08	
5430 00	30 08	
5460 00	30 09	
5490 00	30 10	
5520 00	30 10	
5550 00	30 10	
5580 00	30 10	
5610 00	30 11	
5640 00	30 11	
5670 00	30 11	
5700 00	30 11	
5730 00	30 11	
5760 00	30.12	
5790 00	30 12	
5820 00	30 12	
5850 00	30 12	
5880 00	30 11	
5910 00	30 11	
5940 00	30 11	
5970 00	30 11	
6000 00	30 10	
6030 00	30 10	
6060 00	30 10	
6090 00	30 10	
6120 00	30 10	
6150 00	30 10	
6180 00	30 09	
6210 00	30 09	
6240 00	30 09	
6270 00	30 09	
6300 00	30 10	
6330 00	30 11	
6360 00	30 12	
6390 00	30 12	
6420 00	30 13	
6450 00	30 13	
6480 00	30 13	
6510 00	30 13	
6540 00	30 13	
6570 00	30 14	
6600 00	30 13	
6630 00	30 13	
6660 00	30 13	
6690 00	30 12	
6720 00	30 12	
6750 00	30 11	
6780 00	30 11	
6810 00	30 11	
6840 00	30 11	
6870 00	30 12	
6900 00	30 13	
6930 00	30 13	
6960 00	30 13	
6990 00	30 13	
7020 00	30 14	
7050 00	30 14	
7080 00	30 13	
7110 00	30 13	
7140 00	30 13	
7170 00	30 14	
7200 00	30 13	
7230 00	30 13	
7260 00	30 13	

Elapsed Time	Value	Hand Meas
7290 00	30 13	
7320 00	30 12	

OBSERVATION WELL No OB209 91
Hydrostratigraphic Unit. Sandstone No 1
Filter Pack/Screened Interval 18 5 ft. to 65 ft.
Distance to Pumping Well 6 2 Pumping Well ID 2
TOPC 27 5 From Ground Surface
Note Real Time Start of Test = 17 30
Logger Time Start of Test = 17 30

Well 20991 File 03
SE1000B
Environmental Logger
04/28 20 16

Unit# 00000 Test# 0

INPUT 1 Level (F) TOC

Reference 32 34
Scale factor 10 05
Offset 0 02

Step# 0 04/28 17 30

Elapsed Time	V lue	Hand Meas	Elapsed Tim	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	29 83		0 6667	29 97		10 0000	31 21	
0 0033	29 91		0 7500	30 06		12 0000	31.36	
0 0066	29 83		0 8333	30 07		14 0000	31 49	
0 0099	29 76		0 9167	30 08		16 0000	31 60	
0 0133	29 78		1 0000	30 09		18 0000	31 69	
0 0166	29 78		1 0833	30 10		20 0000	31 79	
0 0200	29 75		1 1667	30 11		22.0000	31 87	
0 0233	29 76		1 2500	30 12		24 0000	31 94	
0 0266	29 75		1 3333	30 14		26 0000	32 02	
0 0300	29 76		1 4166	30 15		28 0000	32 07	
0 0333	29 75		1.5000	30 16		30 0000	32 13	
0 0500	29 75		1 5833	30 17		32 0000	32.16	
0 0666	29 77		1 6667	30 19		34 0000	32 19	
0 0833	29 76		1 7500	30 21		36 0000	32 23	
0 1000	29 77		1 8333	30 21		38 0000	32 26	
0 1166	29 77		1 9167	30 22		40 0000	32 31	
0 1333	29 78		2 0000	30 23		42 0000	32 33	
0 1500	29 80		2 5000	30 29		44 0000	32 36	
0 1666	29 79		3 0000	30 35		46 0000	32 39	
0 1833	29 80		3 5000	30 40		48 0000	32 42	
0 2000	29 81		4 0000	30 46		50 0000	32 44	
0 2166	29 81		4 5000	30 57		52 0000	32 48	
0 2333	29 83		5 0000	30 67		54 0000	32 51	
0 2500	29 83		5 5000	30 77		56 0000	32 53	
0 2666	29 84		6 0000	30 83		58 0000	32.54	
0 2833	29 85		6 5000	30 89		60 0000	32 56	
0 3000	29 85		7 0000	30.95		62 0000	32 58	
0 3166	29 86		7 5000	30 99		64 0000	32 59	
0 3333	29 88		8 0000	31 03		66.0000	32 60	
0 4167	29 91		8 5000	31 06		68 0000	32 62	
0 5000	29 92		9 0000	31 09		70 0000	32 65	
0 5833	29 96		9 5000	31 16		72 0000	32 65	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
74 0000	32 66							
76 0000	32 68							
78 0000	32 69							
80 0000	32.72							
82.0000	32 72							
84 0000	32 74							
86 0000	32 75	32 78						
88 0000	32 76							
90 0000	32 77							
92 0000	32.79							
94 0000	32 79							
96 0000	32.82							
98 0000	32 82							
100 000	32 83							
110 000	32.89	32.92						
120 000	32.91							
130 000	32 98							
140 000	33 02							
150 000	33 07	33 12						
160 000	33 09							

Well 20991 File 04
SE1000B
Environmental Logger
04/29 11·01

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 28 71
Scale factor 4 89
Offset 0 06

Step# 0 04/28 20 24

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	20.12		43.0000	20.27		86.0000	20.38	
1 0000	20.13		44.0000	20.27		87 0000	20 38	
2.0000	20.12		45 0000	20.27		88 0000	20.39	
3 0000	20.13		46.0000	20.28		89 0000	20.39	
4 0000	20.14		47 0000	20.27		90.0000	20.39	
5 0000	20.14		48 0000	20.28		91 0000	20.39	
6.0000	20.14		49 0000	20.29		92.0000	20 40	
7 0000	20.15		50.0000	20.29		93 0000	20 40	
8 0000	20.15		51 0000	20.28		94 0000	20 40	
9 0000	20.15		52.0000	20.29		95 0000	20 40	
10 0000	20.16		53 0000	20.30		96.0000	20 41	
11 0000	20.16		54 0000	20.30		97 0000	20 41	
12.0000	20 16		55 0000	20.30		98.0000	20 41	
13 0000	20.16		56.0000	20.30		99 0000	20 41	
14 0000	20.17		57.0000	20.31		100.000	20 41	
15 0000	20.17		58.0000	20.31		101 000	20 41	
16.0000	20 18		59 0000	20.31		102.000	20 41	
17 0000	20 18		60 0000	20.32		103 000	20 41	
18.0000	20 19		61 0000	20.32		104 000	20 42	
19 0000	20 18		62.0000	20.32		105 000	20 42	
20 0000	20 19		63 0000	20.32		106.000	20 43	
21 0000	20.20		64 0000	20.33		107 000	20 43	
22.0000	20.19		65 0000	20.32		108.000	20 42	
23 0000	20.20		66.0000	20.33		109 000	20 43	
24 0000	20.20		67 0000	20.34		110 000	20 43	
25 0000	20.21		68 0000	20.33		111 000	20 43	
26.0000	20.22		69 0000	20.33		112.000	20 43	
27 0000	20.21		70 0000	20.34		113 000	20 44	
28 0000	20.22		71 0000	20.34		114 000	20 44	
29 0000	20.22		72.0000	20.34		115 000	20 44	
30 0000	20.22		73.0000	20 35		116.000	20 44	
31 0000	20.23		74 0000	20.35		117 000	20 45	
32.0000	20.24		75 0000	20.35		118.000	20 45	
33 0000	20.23		76.0000	20.35		119 000	20 45	
34 0000	20.24		77 0000	20.36		120.000	20 45	
35 0000	20.24		78 0000	20.36		121 000	20 45	
36.0000	20.25		79 0000	20.36		122.000	20 45	
37 0000	20.25		80.0000	20.36		123 000	20 46	
38 0000	20.25		81.0000	20.37		124 000	20 46	
39 0000	20.25		82.0000	20.36		125 000	20 46	
40 0000	20.26		83 0000	20.37		126.000	20 47	
41 0000	20.26		84 0000	20 37		127 000	20 46	
42.0000	20.26		85 0000	20.38		128 000	20 46	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
129 000	20 48		191 000	20.55	33 60	253 000	20 64	
130.000	20 47		192.000	20.56		254 000	20 65	
131 000	20 47		193 000	20.55		255 000	20.65	
132.000	20 47		194.000	20.56		256.000	20.65	
133 000	20.45		195 000	20.56		257 000	20 65	
134 000	20.48		196.000	20.56		258.000	20 65	
135 000	20.48		197 000	20.56		259 000	20.65	
136.000	20.49		198.000	20.56		260.000	20.65	
137 000	20.45		199 000	20.56		261 000	20.65	
138.000	20.44		200.000	20.56		262.000	20.66	
139 000	20.44		201 000	20.56		263 000	20.66	
140.000	20.45		202.000	20.56		264.000	20 66	
141 000	20.45		203.000	20.56		265 000	20.66	
142.000	20.46		204.000	20.57		266.000	20 66	
143 000	20.46		205 000	20.57		267 000	20 66	
144.000	20.47		206.000	20.57		268.000	20.66	
145 000	20.47		207 000	20.57		269 000	20 67	
146.000	20.48		208.000	20.57		270.000	20 67	
147 000	20.49		209 000	20.57		271 000	20 67	
148.000	20.48		210.000	20.58		272.000	20 67	
149 000	20 48		211 000	20.58		273 000	20 67	
150.000	20.49		212.000	20.58		274.000	20 67	
151 000	20.49		213 000	20.58		275 000	20 67	
152.000	20.49		214.000	20.58		276.000	20 67	
153 000	20.49		215 000	20.58		277 000	20 68	
154.000	20.49		216.000	20.58		278.000	20 68	
155 000	20.50		217 000	20.58	33 70	279 000	20 68	
156.000	20.50		218.000	20.58		280.000	20.68	
157 000	20.50		219 000	20.59		281 000	20 68	
158.000	20.50		220.000	20.59		282.000	20 68	
159 000	20.51		221 000	20.59		283 000	20 69	
160.000	20.51		222.000	20.59		284 000	20 69	
161 000	20.51		223 000	20.59		285 000	20 69	
162.000	20.51		224 000	20.59		286.000	20 69	
163 000	20.52		225.000	20.59		287 000	20.69	
164.000	20.52		226.000	20.59		288.000	20 69	
165 000	20.52		227 000	20.60		289 000	20 69	
166.000	20.52		228.000	20.60		290.000	20 69	
167 000	20.52		229 000	20.60		291 000	20 70	
168.000	20.52		230.000	20.60		292.000	20 70	
169 000	20.52		231 000	20 61		293 000	20 70	
170.000	20.53		232.000	20 61		294 000	20 70	
171 000	20.53		233 000	20 61		295 000	20 70	
172.000	20.53		234.000	20.61		296.000	20 70	
173 000	20.53		235 000	20.61		297 000	20 70	
174.000	20.53		236.000	20 61		298.000	20 71	
175 000	20.53		237 000	20.62		299 000	20 71	
176.000	20.53		238.000	20 62		300.000	20 71	
177 000	20.54		239 000	20.62		301 000	20 71	
178.000	20.54		240.000	20 62		302.000	20 71	
179 000	20.54		241 000	20 62		303 000	20 71	
180.000	20.54		242.000	20.63		304 000	20 71	
181 000	20.54		243 000	20 63		305 000	20 71	
182.000	20.54		244.000	20 63		306.000	20 72	
183 000	20.55		245 000	20 63		307 000	20 72	
184 000	20.54		246.000	20 63		308.000	20 72	
185 000	20.55		247 000	20.63		309 000	20 72	
186.000	20.54		248.000	20 64		310.000	20 72	
187 000	20.55		249 000	20 64		311 000	20 72	
188.000	20.55		250.000	20.64		312.000	20 72	
189 000	20.55		251 000	20 64		313 000	20 72	
190.000	20.55		252.000	20 64		314.000	20 73	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
315 000	20.73		377 000	20 79		439 000	20 85	
316.000	20.73		378.000	20.79		440.000	20 86	
317 000	20.73		379 000	20.79		441 000	20.85	
318.000	20.73		380.000	20.79		442.000	20 85	
319 000	20.73		381 000	20.79		443.000	20 85	
320.000	20.73		382.000	20.79		444.000	20 86	
321 000	20 73		383.000	20 79		445.000	20 86	
322.000	20.73		384.000	20.79		446.000	20 86	
323 000	20.73		385 000	20 80		447 000	20 86	
324 000	20.74		386.000	20 80		448.000	20 86	
325 000	20.74		387 000	20.80		449 000	20 86	
326.000	20.74		388.000	20.80		450.000	20.86	
327 000	20.74		389 000	20 80		451 000	20 87	
328.000	20.74		390.000	20.80		452.000	20.86	
329 000	20.74		391 000	20.80		453.000	20 86	
330.000	20.74		392.000	20.80		454 000	20 85	
331 000	20.75		393.000	20.80		455 000	20 85	
332.000	20.75		394.000	20.81		456.000	20 86	
333.000	20.74		395 000	20.81		457 000	20 86	
334.000	20 75		396.000	20 81		458.000	20 86	
335 000	20.75		397 000	20 81		459 000	20 86	
336.000	20.75		398.000	20.81		460.000	20 86	
337 000	20.75		399 000	20 81		461 000	20 86	34 00
338.000	20.75		400.000	20 81		462.000	20 87	
339 000	20.75		401 000	20 82		463 000	20 87	
340.000	20.75		402.000	20.82		464 000	20 87	
341 000	20.75		403.000	20 82		465 000	20 87	
342.000	20.75		404.000	20 82		466.000	20 87	
343.000	20.76		405 000	20.82		467 000	20 87	
344.000	20.76		406.000	20.82		468.000	20.87	
345 000	20.76		407 000	20 82		469 000	20 88	
346.000	20.76	33 90	408.000	20.82		470.000	20 88	
347 000	20.76		409 000	20.82		471 000	20 88	
348.000	20.76		410.000	20.82		472.000	20.88	
349 000	20 76		411 000	20 83		473 000	20 88	
350.000	20 76		412.000	20 82		474 000	20.88	
351 000	20 76		413 000	20.83		475 000	20.88	
352.000	20 73		414.000	20 83		476.000	20 88	
353 000	20.72		415 000	20 83		477 000	20 89	
354 000	20 73		416.000	20 83		478.000	20 88	
355 000	20 74		417 000	20 83		479 000	20 89	
356.000	20 74		418.000	20 83		480.000	20 89	
357 000	20.75		419 000	20 84		481 000	20 89	
358.000	20.75		420.000	20 83		482.000	20 89	
359 000	20.76		421 000	20 83		483 000	20 89	
360.000	20.76		422.000	20 84		484.000	20 89	
361 000	20.76		423 000	20 84		485 000	20 90	
362.000	20.76		424.000	20 84		486.000	20 89	
363 000	20.77		425 000	20.84		487 000	20 90	
364 000	20 77		426.000	20 84		488.000	20 90	
365 000	20 77		427 000	20 84		489 000	20 90	
366.000	20 77		428.000	20 84		490.000	20 90	
367 000	20.77		429 000	20 84		491 000	20 90	
368.000	20 77		430.000	20 84		492.000	20 90	
369 000	20 77		431 000	20 85		493 000	20 90	
370.000	20.78		432.000	20 85		494 000	20 91	
371 000	20 78		433 000	20 85		495 000	20 91	
372.000	20 78		434.000	20 85		496.000	20 91	
373 000	20.78		435 000	20 85		497 000	20 91	
374 000	20.78		436.000	20 85		498.000	20 91	
375 000	20 78		437 000	20 85		499 000	20 92	
376.000	20 78		438.000	20 85		500.000	20 92	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
501 000	20 92		563.000	20 98		625 000	21 03	
502.000	20.92		564.000	20.98		626.000	21 03	
503 000	20.92		565 000	20.99		627 000	21 03	34 18
504.000	20.92		566.000	20.99		628.000	21 03	
505 000	20.92		567 000	20.99		629 000	21 03	
506.000	20.93		568.000	20.99		630.000	21.04	
507 000	20.92		569 000	20.99		631 000	21 03	
508.000	20.93		570.000	20.99		632.000	21 03	
509 000	20.93		571 000	21 00		633 000	21 04	
510.000	20.93		572.000	20 99		634.000	21 04	
511 000	20.93		573 000	20 99		635 000	21 03	
512.000	20.94		574.000	20 99		636.000	21 04	
513 000	20.93		575 000	21.00		637 000	21 04	
514.000	20.94		576.000	21.00		638.000	21 04	
515 000	20.93		577 000	21 00		639 000	21 04	
516.000	20.91		578.000	21 00		640.000	21 04	
517 000	20.90		579 000	20.99		641 000	21 04	
518.000	20.90		580.000	21.00		642.000	21 04	
519 000	20.92		581 000	21.00		643.000	21 04	
520.000	20.92		582.000	21 00		644.000	21 04	
521 000	20.92		583 000	20 99		645 000	21 04	
522.000	20.92		584.000	21 00		646.000	21 05	
523 000	20.93		585 000	21.00		647 000	21 04	
524.000	20.94		586.000	21.00	34 14	648.000	21 05	
525 000	20.94		587 000	21.00		649 000	21 05	
526.000	20.94		588.000	21 00		650.000	21 05	
527 000	20.94		589 000	21 01		651 000	21 05	
528.000	20 94		590.000	21.00		652.000	21 05	
529 000	20.94		591 000	21 00		653 000	21 05	
530.000	20.95		592.000	21.00		654 000	21 05	
531 000	20.95		593.000	21.01		655 000	21 05	
532.000	20 95		594.000	21.00		656.000	21 05	
533 000	20 95		595 000	21 01		657 000	21 05	
534 000	20 96		596.000	21 01		658.000	21 05	
535 000	20.96		597 000	21 01		659 000	21 05	
536.000	20.96		598.000	21.01		660.000	21 05	
537 000	20 95		599 000	21 01		661 000	21 05	
538.000	20.96		600.000	21 01		662.000	21 05	
539 000	20 96		601 000	21.01		663 000	21 05	
540.000	20 96		602.000	21 02		664 000	21 06	
541 000	20.96		603 000	21 01		665 000	21 06	
542.000	20 96		604 000	21 01		666.000	21 06	
543.000	20.97		605 000	21 02		667 000	21 06	
544.000	20.96		606.000	21 01		668.000	21 06	
545 000	20.96		607 000	21 01		669 000	21 06	
546.000	20.97		608.000	21 01		670.000	21 06	
547 000	20 97		609 000	21 02		671 000	21 06	
548.000	20.97		610.000	21 03		672.000	21 06	
549 000	20 97		611 000	21 02		673 000	21 07	
550.000	20.97		612.000	21.03		674.000	21 07	
551 000	20.97		613 000	21.02		675.000	21 07	
552.000	20 97		614.000	21 02		676.000	21 07	
553 000	20.97		615 000	21 03		677 000	21 07	
554.000	20.98		616.000	21 03		678.000	21 07	
555 000	20 97		617 000	21 02		679 000	21 07	
556.000	20 98		618.000	21 03		680.000	21 07	
557 000	20 98		619 000	21 03		681 000	21 07	
558.000	20.98		620.000	21 02		682.000	21 07	
559 000	20 99		621 000	21 03		683 000	21 07	
560.000	20 98		622.000	21 03		684 000	21 07	
561 000	20 99		623 000	21 03		685 000	21 07	
562.000	20 98		624.000	21 03		686.000	21 08	

Elapsed Time	Value	Hand Meas
687 000	21 07	34.22
688.000	21 08	
689 000	21 08	
690.000	21 08	
691 000	21 05	
692.000	21 05	
693 000	21.06	
694 000	21 05	
695 000	21 06	
696.000	21.06	
697 000	21.06	
698.000	21.07	
699 000	21.07	
700.000	21.08	
701 000	21.08	
702.000	21 08	
703 000	21.08	
704.000	21 08	
705 000	21 09	
706.000	21.08	
707 000	21 09	
708.000	21.09	
709 000	21 09	
710.000	21 10	
711 000	21 10	
712.000	21 10	
713 000	21 10	
714.000	21 10	
715 000	21 10	
716.000	21 10	
717 000	21 10	
718.000	21 11	
719 000	21 11	
720.000	21 11	
721 000	21 11	
722.000	21 11	
723 000	21 11	
724 000	21 12	
725 000	21 11	
726.000	21 11	
727 000	21 11	
728.000	21 11	
729 000	21 12	
730.000	21 12	
731 000	21 12	
732.000	21 12	
733 000	21 12	
734 000	21 13	
735 000	21 12	
736.000	21 12	
737 000	21 12	
738.000	21 11	
739 000	21 11	
740.000	21 11	
741 000	21 12	
742.000	21 12	
743 000	21 12	
744 000	21 12	
745 000	21 12	
746.000	21 12	
747 000	21 13	
748.000	21 13	

Elapsed Time	Value	Hand Meas
749 000	21 13	
750.000	21 13	
751 000	21 13	
752.000	21 13	
753.000	21 13	
754.000	21 13	
755 000	21 13	
756.000	21 13	
757 000	21 14	
758.000	21 14	
759 000	21 14	
760.000	21 14	
761 000	21 14	
762.000	21 14	
763.000	21 14	
764.000	21 14	
765 000	21 14	
766.000	21 14	
767 000	21 14	
768.000	21 14	
769 000	21 14	
770.000	21 14	
771 000	21 15	
772.000	21 15	
773.000	21 14	
774 000	21 15	
775 000	21 14	
776.000	21 15	
777 000	21 15	
778.000	21 15	
779 000	21 15	
780.000	21 15	
781 000	21 15	
782.000	21 15	
783.000	21 15	
784.000	21 16	
785 000	21 15	
786.000	21 16	
787 000	21 15	
788.000	21 15	
789 000	21 15	
790.000	21 15	
791 000	21 15	
792.000	21 15	
793 000	21 16	
794.000	21 15	
795 000	21 16	
796.000	21 16	
797 000	21 16	
798.000	21 16	
799 000	21 16	
800.000	21 16	
801 000	21 16	
802.000	21 16	
803 000	21 16	
804 000	21 16	
805 000	21 16	
806.000	21 16	
807 000	21 16	
808.000	21 16	
809 000	21 16	
810.000	21 17	

Elapsed Time	Value	Hand Meas
811 000	21 16	
812.000	21 16	
813 000	21 16	
814.000	21 16	
815 000	21 16	
816.000	21 17	
817 000	21 16	
818.000	21 16	
819 000	21 17	
820.000	21 16	
821 000	21 17	
822.000	21 17	
823.000	21 17	
824.000	21 17	
825 000	21 17	
826.000	21 17	
827 000	21 17	
828.000	21 17	
829 000	21 18	
830.000	21 17	
831 000	21 18	
832.000	21 18	
833 000	21 17	
834 000	21 17	
835 000	21 17	
836.000	21 17	
837 000	21 17	
838.000	21 17	
839 000	21 17	
840.000	21 17	
841 000	21 18	
842.000	21 18	
843 000	21 18	
844 000	21 18	
845 000	21 18	
846.000	21 18	
847 000	21 18	
848.000	21 18	
849 000	21 18	
850.000	21 18	
851 000	21 18	
852.000	21 18	
853 000	21 18	
854 000	21 18	
855 000	21 18	
856.000	21 18	
857 000	21 18	
858.000	21 18	
859 000	21 18	
860.000	21 18	
861 000	21 18	
862.000	21 18	
863 000	21 18	
864 000	21 18	
865 000	21 18	
866.000	21 18	
867 000	21 19	
868.000	21 19	
869 000	21 18	
870.000	21 18	
871 000	21 18	
872.000	21 18	

Well 20991 File 05
SE1000B
Environmental Logger
04/30 09·02

Unit# 00000 Test# 0

INPUT 1 Level (F) TOC

Reference 34.39
Scale factor 10 05
Offset 0 02

Step# 1 04/29 10·51

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
0 0000	34.37		43.0000	34 40		86.0000	34 42	
1 0000	34.37		44.0000	34.39		87.0000	34 43	
2.0000	34.37		45.0000	34 40		88.0000	34 43	
3 0000	34.38		46.0000	34 41		89 0000	34 42	
4 0000	34.37		47.0000	34 40		90.0000	34 44	
5 0000	34.38		48.0000	34 40		91.0000	34 43	
6.0000	34.37		49.0000	34 40		92.0000	34 43	
7 0000	34.37		50.0000	34 41		93.0000	34 44	
8 0000	34.37		51.0000	34 40		94.0000	34 43	
9.0000	34.37		52.0000	34 41		95.0000	34 43	
10.0000	34.37		53 0000	34 41		96.0000	34 44	
11 0000	34.37		54.0000	34 40		97.0000	34 43	
12.0000	34.37		55.0000	34.39		98.0000	34 43	
13 0000	34.37		56.0000	34.39		99.0000	34 43	
14 0000	34.37		57 0000	34 41		100.000	34 43	
15 0000	34.38		58.0000	34 41		101 000	34 44	
16.0000	34.38		59.0000	34 40		102.000	34 44	
17 0000	34.38		60 0000	34 41		103 000	34 44	
18 0000	34.37		61.0000	34 41		104.000	34 44	
19 0000	34.37		62.0000	34 42		105 000	34 44	
20 0000	34.35		63.0000	34 41		106.000	34 43	
21 0000	34.35		64 0000	34 42		107 000	34 43	
22.0000	34.35		65 0000	34 42		108.000	34 44	
23 0000	34.25		66.0000	34 41		109 000	34 44	
24 0000	34.27		67 0000	34 42		110.000	34 44	
25 0000	34.30		68.0000	34 45		111 000	34 44	
26.0000	34.33		69.0000	34 42		112.000	34 44	
27 0000	34.34		70 0000	34 42		113 000	34 43	
28 0000	34.36		71 0000	34 43		114.000	34 44	
29 0000	34.36		72.0000	34 41		115 000	34 43	
30 0000	34.34		73.0000	34 42		116.000	34 44	
31 0000	34.36		74 0000	34 42		117 000	34 43	
32.0000	34.36		75 0000	34 42		118.000	34 44	
33 0000	34.37		76.0000	34 42		119 000	34 44	
34 0000	34.37		77 0000	34 42		120.000	34 43	
35 0000	34.38		78.0000	34 42		121 000	34 44	
36.0000	34.38		79 0000	34 42		122.000	34 44	
37 0000	34.37		80 0000	34 43		123 000	34 43	
38 0000	34.38		81 0000	34 43		124 000	34 44	
39 0000	34.39		82.0000	34 43		125 000	34 44	
40 0000	34.39		83.0000	34 43		126.000	34 43	
41 0000	34.39		84 0000	34 42		127 000	34 43	
42.0000	34.39		85.0000	34 43		128.000	34 43	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.
129 000	34 43		191 000	34.29		253.000	34.28	
130.000	34.43		192.000	34.29		254.000	34.30	
131 000	34 44		193.000	34.29		255.000	34.31	
132.000	34 43		194.000	34.30		256.000	34.32	
133.000	34.44		195.000	34.29		257 000	34.32	
134.000	34.44		196.000	34.30		258.000	34.34	
135.000	34.42		197 000	34.29		259 000	34.33	
136.000	34 44		198.000	34.29		260.000	34.34	
137 000	34 43		199 000	34.28		261 000	34.34	
138.000	34.43		200.000	34.29		262.000	34.34	
139 000	34.42		201 000	34.29		263.000	34.35	
140.000	34 43		202.000	34.28		264.000	34.34	
141 000	34.40		203.000	34.28		265.000	34.34	
142.000	34.39		204.000	34.29		266.000	34.34	
143.000	34.37		205.000	34.28		267 000	34.33	
144.000	34.36		206.000	34.29		268.000	34.33	
145 000	34.35		207 000	34.30		269 000	34.34	
146.000	34.33		208.000	34.29		270.000	34.33	
147 000	34.33		209 000	34.28		271 000	34.33	
148.000	34.32		210.000	34.28		272.000	34.33	
149 000	34.32		211 000	34.28		273.000	34.34	
150.000	34.32		212.000	34.29		274.000	34.34	
151 000	34.32		213.000	34.29		275 000	34.33	
152.000	34.32		214.000	34.28		276.000	34.33	
153.000	34.32		215 000	34.31		277 000	34.33	
154.000	34.31		216.000	34.27		278.000	34.33	
155 000	34.32		217 000	34.29		279 000	34.34	
156.000	34.32		218.000	34.29		280.000	34.33	
157 000	34.32		219 000	34.29	34.26	281 000	34.33	
158.000	34.32		220.000	34.27		282.000	34.32	
159 000	34.31		221 000	34.28		283.000	34.33	
160.000	34.31		222.000	34.29		284.000	34.32	
161 000	34.32		223.000	34.28		285.000	34.32	
162.000	34.31		224.000	34.28		286.000	34.33	
163 000	34.32		225 000	34.28		287 000	34.33	
164.000	34.32		226.000	34.27		288.000	34.32	
165 000	34.32		227 000	34.27		289 000	34.33	
166.000	34.31		228.000	34.28		290.000	34.33	
167 000	34.31		229.000	34.28		291 000	34.32	
168.000	34.32		230.000	34.29		292.000	34.33	
169 000	34.31		231 000	34.28		293.000	34.32	
170.000	34.30		232.000	34.27		294.000	34.32	
171 000	34.31		233 000	34.28		295 000	34.33	
172.000	34.30		234.000	34.28		296.000	34.33	
173 000	34.32		235.000	34.29		297 000	34.32	
174.000	34.33		236.000	34.31		298.000	34.33	
175 000	34.31		237 000	34.31		299 000	34.32	
176.000	34.30		238.000	34.31		300.000	34.32	
177 000	34.30		239 000	34.32		301 000	34.32	
178.000	34.31		240.000	34.32		302.000	34.31	
179 000	34.31		241 000	34.31		303 000	34.32	
180.000	34.30		242.000	34.32		304 000	34.32	
181 000	34.30		243.000	34.32		305 000	34.31	
182.000	34.31		244.000	34.33		306.000	34.32	
183 000	34.31		245.000	34.32		307 000	34.32	
184 000	34.29		246.000	34.33		308.000	34.32	
185 000	34.29		247 000	34.33		309 000	34.32	
186.000	34.29		248.000	34.34		310.000	34.33	
187 000	34.30		249 000	34.33		311 000	34.32	
188.000	34.31		250.000	34.33		312.000	34.32	
189 000	34.30		251 000	34.34		313.000	34.32	
190.000	34.29		252.000	34.27		314.000	34.32	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Valu	Hand Meas
315 000	34.31		377 000	34.26		439 000	34.27	
316.000	34.32		378.000	34.26		440.000	34.27	
317 000	34.31		379 000	34.26		441 000	34.27	
318.000	34.32		380.000	34.26		442.000	34.27	
319 000	34.32		381 000	34.27		443.000	34.28	
320.000	34.31		382.000	34.26		444.000	34.28	
321 000	34.31		383.000	34.26		445 000	34.27	
322.000	34.31		384.000	34.26		446.000	34.27	
323.000	34.31		385.000	34.26		447 000	34.27	
324.000	34.31		386.000	34.26		448.000	34.26	
325 000	34.32		387 000	34.26		449.000	34.27	
326.000	34.32		388.000	34.26		450.000	34.27	
327 000	34.30		389 000	34.26		451 000	34.28	
328.000	34.32		390.000	34.25		452.000	34.27	
329 000	34.31		391 000	34.26		453.000	34.27	
330.000	34.31		392.000	34.25		454.000	34.28	
331 000	34.31		393.000	34.27		455 000	34.27	
332.000	34.31		394.000	34.25		456.000	34.27	
333 000	34.30		395 000	34.25		457 000	34.27	
334.000	34.31		396.000	34.25		458.000	34.27	
335 000	34.32		397 000	34.27		459 000	34.28	
336.000	34.31		398.000	34.26		460.000	34.28	
337 000	34.30	34.27	399 000	34.26		461 000	34.27	
338.000	34.31		400.000	34.25		462.000	34.27	
339 000	34.31		401 000	34.25		463 000	34.27	
340.000	34.31		402.000	34.26		464.000	34.25	
341 000	34.32		403.000	34.26		465.000	34.28	34.24
342.000	34.31		404.000	34.25		466.000	34.26	
343.000	34.30		405.000	34.26		467 000	34.27	
344.000	34.31		406.000	34.25		468.000	34.27	
345.000	34.32		407 000	34.25		469 000	34.27	
346.000	34.31		408.000	34.25		470.000	34.27	
347 000	34.31		409 000	34.25		471 000	34.28	
348.000	34.30		410.000	34.25		472.000	34.27	
349 000	34.30		411 000	34.25		473.000	34.26	
350.000	34.28		412.000	34.25		474.000	34.27	
351 000	34.27		413.000	34.25		475 000	34.28	
352.000	34.26		414.000	34.25		476.000	34.28	
353 000	34.26		415 000	34.25		477 000	34.23	
354 000	34.27		416.000	34.26		478.000	34.22	
355 000	34.26		417 000	34.26		479 000	34.24	
356.000	34.27		418.000	34.25		480.000	34.26	
357 000	34.27		419 000	34.26		481 000	34.27	
358.000	34.26		420.000	34.26		482.000	34.28	
359 000	34.26		421 000	34.25		483 000	34.30	
360.000	34.26		422.000	34.26		484 000	34.31	
361 000	34.27		423 000	34.25		485 000	34.32	
362.000	34.26		424.000	34.25		486.000	34.32	
363 000	34.26		425 000	34.26		487 000	34.32	
364.000	34.27		426.000	34.25		488.000	34.34	
365 000	34.26		427 000	34.26		489 000	34.34	
366.000	34.26		428.000	34.27		490.000	34.34	
367 000	34.25		429 000	34.26		491 000	34 35	
368.000	34.26		430.000	34.27		492.000	34.36	
369 000	34.26		431 000	34.26		493 000	34.35	
370.000	34.25		432.000	34.26		494.000	34.36	
371 000	34.26		433 000	34.26		495 000	34.35	
372.000	34.26		434.000	34.27		496.000	34.36	
373 000	34.26		435 000	34.26		497 000	34.36	
374.000	34.26		436.000	34.27		498.000	34.35	
375 000	34.26		437 000	34.27		499 000	34.36	
376.000	34.26		438.000	34.26		500.000	34.37	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
501 000	34.37		563.000	34 42		625.000	34.51	
502.000	34.37		564.000	34 43		626.000	34.51	
503.000	34.37		565.000	34 43		627 000	34.50	
504.000	34.37		566.000	34 43		628.000	34.51	
505 000	34.38		567 000	34 43		629 000	34.50	
506.000	34.38		568.000	34 42		630.000	34.51	
507 000	34.37		569 000	34 42		631 000	34.52	
508.000	34.37		570.000	34.43		632.000	34.51	
509 000	34.38		571 000	34 43		633.000	34.52	
510.000	34.38		572.000	34 43		634.000	34.52	
511 000	34.38		573.000	34.43		635.000	34.52	
512.000	34.38		574.000	34 43		636.000	34.51	
513.000	34.39		575.000	34.43		637.000	34.51	
514.000	34.38		576.000	34 43		638.000	34.52	
515 000	34.38		577 000	34 43		639.000	34.52	
516.000	34.38		578.000	34.44		640.000	34.52	
517 000	34.39		579 000	34 43		641 000	34.51	
518.000	34.39		580.000	34 43		642.000	34.51	
519 000	34.38		581 000	34 44		643.000	34.52	
520.000	34.39		582.000	34 43		644.000	34.52	
521 000	34.39		583.000	34 44		645.000	34.53	
522.000	34.39		584.000	34 44		646.000	34.52	
523.000	34.39		585.000	34.44		647 000	34.52	
524.000	34.39		586.000	34 44		648.000	34.52	
525 000	34.39		587 000	34 45		649 000	34.53	
526.000	34.39		588.000	34 48		650.000	34.53	
527 000	34 40		589 000	34 45		651 000	34.52	
528.000	34.39		590.000	34 45		652.000	34.52	
529 000	34.39		591 000	34 46		653.000	34.53	
530.000	34.40		592.000	34 47	34 40	654.000	34.53	
531 000	34 40		593.000	34 46		655.000	34.53	
532.000	34 40		594.000	34 46		656.000	34.53	
533.000	34.39		595 000	34 47		657 000	34.53	
534.000	34 40		596.000	34 46		658.000	34.52	
535 000	34 40		597 000	34 47		659 000	34.53	
536.000	34 40		598.000	34 47		660.000	34.53	
537 000	34.40		599 000	34 47		661 000	34.52	
538.000	34.39		600.000	34 47		662.000	34.54	
539 000	34 41		601 000	34 46		663.000	34.53	
540.000	34 40		602.000	34 48		664 000	34.53	
541 000	34 40		603 000	34 48		665 000	34.53	
542.000	34 41		604.000	34 48		666.000	34.53	
543 000	34 41		605 000	34 49		667 000	34.53	
544.000	34 41		606.000	34 48		668.000	34.53	
545 000	34 42		607 000	34 49		669 000	34.54	
546.000	34 42		608.000	34 48		670.000	34.53	
547 000	34 41		609 000	34 49		671 000	34.54	
548.000	34 41		610.000	34 49		672.000	34.54	
549 000	34 41		611 000	34 49		673 000	34.54	
550.000	34 42		612.000	34.50		674 000	34.53	
551 000	34 42		613.000	34.50		675 000	34.53	
552.000	34 42		614.000	34 49		676.000	34.54	
553 000	34 42		615.000	34 49		677 000	34.54	
554.000	34 42		616.000	34 49		678.000	34.54	
555 000	34 42		617 000	34.50		679 000	34.53	
556.000	34 42		618.000	34.50		680.000	34.55	
557 000	34 41		619 000	34.50		681 000	34.53	
558.000	34 43		620.000	34.51		682.000	34.53	
559 000	34 42		621 000	34.50		683 000	34.53	
560.000	34 42		622.000	34.50		684.000	34.54	
561 000	34 42		623.000	34.51		685 000	34.53	
562.000	34 42		624.000	34.50		686.000	34.52	34 50

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
687 000	34.53		749 000	34.59		811 000	34.61	
688.000	34.54		750.000	34.60		812.000	34 61	
689 000	34.53		751 000	34.60		813 000	34 61	
690.000	34.53		752.000	34.60		814.000	34.60	
691 000	34.54		753.000	34.59		815 000	34.61	
692.000	34.52		754.000	34.60		816.000	34.61	
693.000	34 43		755 000	34.60		817 000	34.61	
694.000	34.43		756.000	34.60		818.000	34.62	
695 000	34 44		757 000	34.61		819 000	34.61	
696.000	34 48		758.000	34.59		820.000	34.61	
697 000	34 48		759 000	34 60		821 000	34.63	
698.000	34 49		760.000	34.59		822.000	34.61	
699 000	34.51		761 000	34.59		823.000	34.61	
700.000	34.52		762.000	34.61		824.000	34.60	34 60
701 000	34.52		763.000	34.60		825.000	34.61	
702.000	34.52		764.000	34.60		826.000	34.60	
703 000	34.53		765.000	34.60		827 000	34.61	
704.000	34.54		766.000	34.59		828.000	34.61	
705 000	34.53		767 000	34.60		829 000	34 61	
706.000	34.54		768.000	34.60		830.000	34.60	
707 000	34.55		769 000	34.59		831 000	34.62	
708.000	34.55		770.000	34.59		832.000	34.59	
709 000	34.56		771 000	34.58		833.000	34.58	
710.000	34.56		772.000	34.59		834.000	34.60	
711 000	34.56		773 000	34.59		835 000	34.58	
712.000	34.57		774.000	34.59		836.000	34.59	
713 000	34.57		775 000	34.60		837 000	34.59	
714.000	34.57		776.000	34.59		838.000	34.59	
715.000	34.57		777 000	34.59		839.000	34.59	
716.000	34.57		778.000	34.59		840.000	34.59	
717 000	34.58		779 000	34.60		841 000	34.60	
718.000	34.57		780.000	34.59		842.000	34.60	
719 000	34.58		781 000	34.59		843 000	34.60	
720.000	34.57		782.000	34.60		844.000	34 60	
721 000	34.58		783 000	34.59		845 000	34.59	
722.000	34.58		784.000	34.59		846.000	34 60	
723 000	34.58		785 000	34.59		847 000	34.60	
724.000	34.58		786.000	34.60		848.000	34 60	
725 000	34.59		787 000	34.60		849 000	34.59	
726.000	34.58		788.000	34.59		850.000	34 60	
727 000	34.58		789 000	34.59		851 000	34 61	
728.000	34.58		790.000	34.59		852.000	34 61	
729 000	34.59		791 000	34.60		853 000	34 62	
730.000	34.59		792.000	34 60		854.000	34.60	
731 000	34.59		793.000	34.60		855.000	34 60	
732.000	34.59		794.000	34.60		856.000	34 60	
733 000	34.59		795 000	34.60		857 000	34.61	
734.000	34.59		796.000	34.60		858.000	34.62	
735 000	34.59		797 000	34.60		859 000	34 61	
736.000	34.60		798.000	34.60		860.000	34 63	
737 000	34.59		799 000	34 60		861 000	34.62	
738.000	34.60		800.000	34.60		862.000	34.61	
739 000	34.60		801 000	34.60		863 000	34 61	
740.000	34.60		802.000	34.61		864.000	34 61	
741 000	34.61		803 000	34 60		865 000	34 61	
742.000	34 60		804.000	34 60		866.000	34 61	
743 000	34.61		805 000	34.60		867 000	34 62	
744.000	34 60		806.000	34 61		868.000	34 62	
745 000	34 61		807 000	34.61		869 000	34 61	
746.000	34.60		808.000	34.61		870.000	34.62	
747 000	34.60		809 000	34.61		871 000	34 62	
748.000	34 60		810.000	34 61		872.000	34 62	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
873 000	34.62		935.000	34.64		997 000	34.66	
874.000	34.62		936.000	34.62		998.000	34.66	
875 000	34.62		937 000	34.65		999.000	34.67	
876.000	34.61		938.000	34.63		1000.00	34.66	
877 000	34.62		939 000	34.63		1001.00	34.67	
878.000	34.62		940.000	34.63		1002.00	34.66	
879 000	34.61		941 000	34 63		1003.00	34.67	
880.000	34.63		942.000	34.51		1004.00	34.66	
881 000	34.61		943.000	34.56		1005.00	34.66	
882.000	34.61		944.000	34.58		1006.00	34.67	
883 000	34.61		945.000	34.57		1007.00	34.66	
884.000	34.62		946.000	34.57		1008.00	34.66	
885.000	34.62		947 000	34.59		1009.00	34.67	
886.000	34.62		948.000	34.62		1010.00	34.67	
887 000	34.61		949 000	34.61		1011.00	34.67	
888.000	34.62		950.000	34.62		1012.00	34.67	
889 000	34.62		951 000	34.61		1013.00	34.67	
890.000	34.61		952.000	34.62		1014.00	34.66	
891 000	34.61		953.000	34.63		1015 00	34.67	
892.000	34.62		954.000	34.63		1016.00	34.67	
893.000	34.62		955.000	34.64		1017.00	34.67	
894.000	34.62		956.000	34.63		1018.00	34 67	
895.000	34.62		957 000	34.64		1019.00	34.67	
896.000	34.62		958.000	34.64		1020.00	34 67	
897 000	34.61		959 000	34.65		1021.00	34.68	
898.000	34.62		960.000	34 64		1022.00	34 68	
899 000	34.61		961 000	34.64		1023.00	34 67	
900.000	34.62		962.000	34.64		1024 00	34.67	
901 000	34.62		963.000	34.65		1025.00	34.67	
902.000	34.62		964.000	34.65		1026.00	34.67	
903 000	34.62		965.000	34.65		1027.00	34.67	
904.000	34.62		966.000	34.64		1028.00	34.67	
905 000	34.63		967 000	34.65		1029.00	34.67	
906.000	34.62		968.000	34.65		1030.00	34.68	
907 000	34.62		969 000	34 65		1031 00	34 68	
908.000	34.63		970.000	34.65		1032.00	34.68	
909 000	34.63		971 000	34.64		1033.00	34.67	
910.000	34.62		972.000	34.65		1034.00	34 68	
911 000	34.62		973 000	34.65		1035 00	34 67	
912.000	34.62		974.000	34.65		1036.00	34.68	
913 000	34.62		975 000	34 66		1037.00	34.68	
914 000	34.63		976.000	34.66		1038.00	34 67	
915 000	34.63		977 000	34 65		1039.00	34.68	
916.000	34.63		978.000	34.65		1040.00	34.68	
917 000	34.63		979 000	34.66		1041.00	34.68	
918.000	34.62		980.000	34.66		1042.00	34.68	
919 000	34.62		981 000	34.65		1043 00	34 68	
920.000	34.63		982.000	34.66		1044 00	34.69	
921 000	34.63		983 000	34.65		1045.00	34 68	
922.000	34.63		984.000	34 66		1046.00	34 68	
923 000	34.62		985.000	34.65		1047.00	34 69	
924.000	34.64		986.000	34.66		1048 00	34.69	
925 000	34.63		987 000	34.66		1049 00	34.68	
926.000	34.63		988.000	34.67		1050.00	34.68	
927 000	34.63		989 000	34.66		1051 00	34 69	
928.000	34.63		990.000	34.65		1052.00	34 69	
929 000	34.62		991 000	34 65		1053 00	34 68	
930.000	34.63		992.000	34.66		1054 00	34 68	
931 000	34.63		993 000	34.66		1055 00	34 69	
932.000	34.63		994.000	34.66		1056.00	34 69	
933 000	34.64	34 60	995.000	34.66		1057.00	34.69	
934 000	34.65		996.000	34.66		1058.00	34.69	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1059 00	34.68		1121 00	34 68		1183.00	34 71	
1060.00	34 70		1122.00	34.68		1184.00	34 70	
1061.00	34.69		1123.00	34.69		1185.00	34 71	
1062.00	34.68		1124.00	34.68		1186.00	34 70	
1063.00	34.69		1125.00	34.69		1187.00	34 71	
1064.00	34.68		1126.00	34.69		1188.00	34.67	
1065.00	34.71		1127.00	34.68		1189.00	34.67	
1066.00	34 70	34 66	1128.00	34.67		1190.00	34.58	
1067 00	34.68		1129.00	34.68		1191.00	34.62	
1068 00	34.68		1130.00	34.68		1192.00	34.65	
1069 00	34.68		1131 00	34.68		1193.00	34 66	
1070.00	34.69		1132.00	34.68		1194.00	34.67	
1071.00	34.69		1133.00	34.68		1195.00	34.67	
1072.00	34.69		1134.00	34.68		1196.00	34.55	
1073 00	34.68		1135.00	34 68		1197.00	34 42	
1074 00	34.68		1136.00	34.68		1198.00	34.25	
1075 00	34.68		1137 00	34.68		1199 00	34 09	
1076.00	34.68		1138.00	34.67		1200.00	33 95	
1077 00	34.68		1139.00	34.68		1201.00	33 76	
1078.00	34.69		1140.00	34.69		1202.00	33 86	
1079.00	34.68		1141.00	34.68		1203.00	33 91	
1080.00	34.68		1142.00	34.68		1204.00	33 95	
1081.00	34.68		1143.00	34.69		1205.00	34 05	
1082.00	34 70		1144 00	34.68		1206.00	34 08	
1083 00	34.69		1145.00	34.69		1207.00	34 12	
1084 00	34.69		1146.00	34.68		1208.00	34 17	
1085.00	34.69		1147.00	34.69		1209 00	34.20	
1086.00	34 70		1148.00	34.68		1210.00	34.23	
1087.00	34.69		1149.00	34.68		1211.00	34.26	
1088.00	34.69		1150.00	34.69		1212.00	34.30	
1089.00	34.69		1151.00	34.69		1213 00	34.32	
1090 00	34.68		1152.00	34.69		1214 00	34.34	
1091 00	34.68		1153 00	34.69		1215 00	34.36	
1092.00	34.69		1154 00	34.69		1216.00	34.37	
1093 00	34.69		1155.00	34.69		1217.00	34.38	
1094 00	34.69		1156.00	34.69		1218 00	34 40	
1095 00	34.69		1157 00	34 70		1219 00	34 42	
1096.00	34.69		1158.00	34 70		1220 00	34 42	
1097 00	34 70		1159 00	34 70		1221.00	34 43	
1098 00	34.69		1160 00	34.69		1222.00	34 44	
1099 00	34.69		1161 00	34.69		1223 00	34 45	
1100 00	34.69		1162.00	34 70		1224 00	34 46	
1101 00	34.69		1163.00	34.68		1225 00	34 47	
1102.00	34.69		1164.00	34 70		1226.00	34 47	
1103 00	34.69		1165.00	34.69		1227 00	34 47	
1104 00	34.69		1166.00	34 69		1228 00	34 47	
1105 00	34.69		1167 00	34.69		1229 00	34 48	
1106.00	34 70		1168.00	34.69		1230.00	34 48	
1107 00	34.69		1169 00	34 70		1231 00	34 49	
1108.00	34 70		1170.00	34 70		1232.00	34.50	
1109 00	34.69		1171 00	34 70		1233.00	34.50	
1110.00	34.69		1172.00	34 70		1234 00	34.50	
1111.00	34 70		1173.00	34 70		1235 00	34.50	
1112.00	34 70		1174.00	34 70		1236.00	34.50	
1113 00	34.69		1175.00	34 70		1237.00	34.51	
1114 00	34.69		1176.00	34 70		1238 00	34.50	
1115 00	34.69		1177 00	34 70		1239 00	34.51	
1116.00	34 69		1178.00	34 71		1240 00	34.52	
1117 00	34.68		1179 00	34 71		1241 00	34.52	
1118 00	34.68		1180.00	34 70		1242.00	34.52	
1119 00	34.68		1181 00	34 71		1243 00	34.51	
1120 00	34.68		1182.00	34 70	34 67	1244 00	34.52	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1245 00	34.52		1307.00	34 47				
1246.00	34.52		1308.00	34 47				
1247 00	34.52		1309.00	34 48				
1248 00	34.52		1310.00	34 47				
1249.00	34.52		1311.00	34 48				
1250.00	34.52		1312.00	34 48				
1251 00	34.52		1313.00	34 47				
1252.00	34.52		1314 00	34 46				
1253.00	34.53		1315 00	34 47				
1254.00	34.53		1316.00	34 47				
1255 00	34.53		1317.00	34 46				
1256.00	34.53		1318.00	34 46				
1257.00	34.54		1319.00	34 46				
1258.00	34.53		1320.00	34 45				
1259 00	34.53		1321.00	34.45				
1260.00	34.53		1322.00	34 47				
1261.00	34.53		1323.00	34 46				
1262.00	34.53		1324.00	34 45				
1263 00	34.53		1325.00	34 46				
1264 00	34.54		1326.00	34 46				
1265 00	34.55		1327.00	34 46				
1266.00	34.55		1328.00	34 45				
1267 00	34.55		1329 00	34 46	34 42			
1268.00	34.53		1330.00	34 45				
1269.00	34.53							
1270.00	34.57							
1271 00	34.54							
1272.00	34.53							
1273 00	34.53							
1274.00	34.54							
1275 00	34.53							
1276.00	34.51							
1277.00	34 49							
1278 00	34 49							
1279 00	34 48							
1280 00	34 48							
1281 00	34 47							
1282.00	34 47							
1283 00	34 46							
1284 00	34 45							
1285 00	34 46							
1286.00	34 46							
1287 00	34 47							
1288 00	34 48							
1289 00	34 47							
1290 00	34 48							
1291 00	34 48							
1292.00	34 47							
1293 00	34 47							
1294 00	34 47							
1295.00	34 47							
1296.00	34 48							
1297 00	34 46							
1298 00	34 47	34 43						
1299 00	34 47							
1300 00	34 47							
1301 00	34 47							
1302.00	34 47							
1303 00	34 48							
1304 00	34 47							
1305 00	34 48							
1306.00	34 47							

Well 20991 File 06
SE1000B
Environmental Logger
05/01 05·01

Unit# 00000 Test# 0

INPUT 1 Level (F) TOC

Reference 34 43
Scale factor 10 05
Offset 0 02

Step# 0 04/30 10·24

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.
0 0000	34.41		43.0000	34 45		86.0000	34 48	
1 0000	34.43		44.0000	34.44		87.0000	34 47	
2.0000	34.43		45.0000	34 45		88.0000	34 47	
3 0000	34 42		46.0000	34 45		89.0000	34 47	
4 0000	34.42		47.0000	34 45		90.0000	34 47	
5 0000	34.42		48.0000	34 45		91.0000	34 46	
6 0000	34.42		49.0000	34 45		92.0000	34 46	
7 0000	34.42		50.0000	34 45		93.0000	34 46	
8 0000	34.42		51.0000	34 45		94 0000	34 47	
9.0000	34.42		52.0000	34 45		95.0000	34 48	
10 0000	34 43		53.0000	34 46		96.0000	34 46	
11 0000	34 43		54.0000	34 45		97.0000	34 46	
12.0000	34 43		55.0000	34 46		98.0000	34 45	
13 0000	34 43		56.0000	34 46		99.0000	34 47	
14 0000	34 42		57.0000	34 46		100.000	34 46	
15.0000	34 41		58.0000	34 46		101 000	34 47	
16.0000	34 41		59.0000	34 46		102.000	34 46	
17.0000	34 41		60.0000	34 46		103 000	34 47	
18.0000	34 42		61.0000	34 46		104.000	34 47	34 46
19 0000	34 42		62.0000	34 46		105 000	34 49	
20 0000	34 42		63.0000	34 48		106.000	34 48	
21 0000	34 43		64.0000	34 47		107 000	34 48	
22.0000	34 43		65 0000	34 47		108.000	34 47	
23.0000	34 43		66.0000	34 46		109 000	34 48	
24.0000	34 44		67.0000	34 47		110.000	34 48	
25 0000	34 44		68 0000	34 47		111 000	34 48	
26.0000	34 45		69 0000	34 46		112.000	34 47	
27 0000	34 45		70 0000	34 47		113 000	34 46	
28 0000	34 44		71 0000	34 47		114 000	34 46	
29 0000	34 44		72.0000	34 47		115 000	34 46	
30 0000	34 43		73.0000	34 47		116.000	34 45	
31 0000	34 44		74.0000	34 48		117 000	34 45	
32.0000	34 44		75.0000	34 47		118.000	34 45	
33 0000	34 43		76.0000	34 47		119 000	34 45	
34 0000	34 44		77.0000	34 47		120.000	34 44	
35 0000	34 44		78.0000	34 48		121 000	34 44	
36.0000	34 44		79.0000	34 47		122.000	34 44	
37 0000	34 44		80.0000	34 48		123 000	34 44	
38 0000	34 44		81 0000	34 48		124.000	34 46	
39 0000	34 43		82.0000	34 48		125 000	34 44	
40.0000	34 44		83 0000	34 47		126.000	34 44	
41 0000	34 44		84 0000	34 48		127 000	34 45	
42.0000	34 43		85 0000	34 47		128.000	34 45	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
129 000	34 43		191 000	34 44		253 000	34 45	
130.000	34 44		192.000	34 43		254.000	34 44	
131 000	34 44		193.000	34 45		255.000	34 44	
132.000	34 45		194.000	34 45		256.000	34 44	
133.000	34.43		195 000	34 45		257 000	34 45	
134.000	34 44		196.000	34 43		258.000	34 45	
135 000	34 44		197 000	34 45		259 000	34 46	
136.000	34 43		198.000	34 44		260.000	34 45	
137 000	34 44		199 000	34 43		261.000	34 44	
138.000	34 43		200.000	34 45		262.000	34 45	
139 000	34 43		201 000	34.45		263.000	34.44	
140.000	34.43		202.000	34 44		264.000	34 45	
141 000	34 44		203.000	34 44		265 000	34 45	
142.000	34.43		204.000	34 44		266.000	34 45	
143 000	34.44		205.000	34.43		267 000	34 44	
144.000	34.43		206.000	34 45		268.000	34 44	34 44
145.000	34.44		207 000	34 44		269 000	34 43	
146.000	34 43		208.000	34 46		270.000	34 44	
147 000	34 44		209 000	34 46		271 000	34 45	
148.000	34 45		210.000	34 45		272.000	34 44	
149 000	34 45		211 000	34 45		273.000	34 44	
150.000	34 45		212.000	34 45		274 000	34 44	
151 000	34 43		213.000	34 45		275 000	34 44	
152.000	34.44		214.000	34 45		276.000	34 45	
153.000	34.44		215.000	34 45		277 000	34 44	
154.000	34 44		216.000	34 46		278.000	34 44	
155 000	34 44		217 000	34 45		279 000	34 43	
156.000	34 43		218.000	34 45		280.000	34 42	
157 000	34 43		219 000	34 45		281 000	34 42	
158.000	34.43		220.000	34 44		282.000	34 42	
159 000	34.44		221 000	34 45		283 000	34 43	
160.000	34 43		222.000	34 45		284.000	34 41	
161 000	34 43		223.000	34 45		285 000	34 41	
162.000	34 44		224.000	34 45		286.000	34 42	
163 000	34 43		225 000	34 46		287 000	34 41	
164.000	34 43		226.000	34 45		288.000	34 42	
165 000	34 43		227 000	34 46		289 000	34 44	
166.000	34 44		228.000	34 46		290.000	34 44	
167 000	34 45		229 000	34 47		291 000	34 44	
168.000	34 44		230.000	34 47		292.000	34 44	
169 000	34 44		231 000	34 46		293 000	34 45	
170.000	34 45		232.000	34 45		294.000	34 44	
171 000	34 43		233.000	34 46		295 000	34 44	
172.000	34 44		234.000	34 45		296.000	34 44	
173 000	34 44		235 000	34 44		297 000	34 44	
174 000	34 44		236.000	34 45		298.000	34 44	
175 000	34 44		237 000	34 46		299 000	34 44	
176.000	34 44		238.000	34 45		300.000	34 44	
177 000	34 45		239 000	34 46		301 000	34 43	
178.000	34 44		240.000	34 45		302.000	34 45	
179 000	34 44		241 000	34 45		303.000	34 44	
180.000	34 43		242.000	34 46		304 000	34 45	
181 000	34 44		243 000	34 45		305 000	34 44	
182.000	34 44		244.000	34 45		306.000	34 44	
183 000	34 46		245 000	34 46		307 000	34 44	
184.000	34 45		246.000	34 46		308.000	34 44	
185 000	34 44		247 000	34 46		309 000	34 45	
186.000	34 45		248.000	34 45		310.000	34 44	
187 000	34 43		249 000	34 45		311 000	34 44	
188.000	34 43		250.000	34 45		312.000	34 44	
189 000	34 44		251 000	34 46		313 000	34 43	
190.000	34 44		252.000	34 45		314 000	34 44	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
315 000	34 44		377 000	34 45		439 000	34 49	
316.000	34 44		378.000	34 46		440.000	34 49	
317 000	34 44		379 000	34 45		441 000	34 49	
318.000	34 45		380.000	34 45		442.000	34 49	
319 000	34 45		381 000	34 46		443 000	34 49	
320.000	34 44		382.000	34.46		444.000	34 49	
321 000	34.45		383.000	34 46		445 000	34 49	
322.000	34 45		384.000	34 45		446.000	34 47	
323 000	34 44		385 000	34 47		447 000	34 49	
324.000	34 45		386.000	34 45		448.000	34 49	
325 000	34 44		387 000	34 46		449 000	34 48	
326.000	34 45		388.000	34 47		450.000	34 49	
327 000	34 44		389 000	34 46		451 000	34 48	
328.000	34 45		390.000	34 46		452.000	34 48	
329 000	34 45		391 000	34 46		453.000	34 48	
330.000	34 44		392.000	34 46		454.000	34 48	
331 000	34 45		393.000	34 46		455.000	34 48	
332.000	34 46		394.000	34 46		456.000	34 48	
333 000	34 46		395 000	34 46		457 000	34 48	
334 000	34 45		396.000	34 46		458.000	34 48	
335 000	34 45		397 000	34 46		459 000	34 48	
336.000	34 45		398.000	34 45		460.000	34 48	
337 000	34 45		399 000	34 45		461 000	34 48	
338.000	34 44		400.000	34 45		462.000	34 48	
339 000	34 45		401 000	34.46		463.000	34 49	
340.000	34 45		402.000	34 45		464 000	34 49	
341 000	34 44		403.000	34 45		465 000	34 49	
342.000	34 44		404.000	34 45		466.000	34 49	
343.000	34 44		405 000	34 46		467 000	34 48	
344.000	34 45		406.000	34 46		468.000	34 49	
345 000	34.45		407 000	34 46		469 000	34 48	
346.000	34.45		408.000	34.46		470.000	34 49	
347 000	34.45		409 000	34 45		471 000	34 49	
348.000	34 45		410.000	34 46		472.000	34.49	
349 000	34.45		411 000	34 46		473 000	34 48	
350.000	34 45		412.000	34 46		474.000	34 49	
351 000	34 44		413.000	34 46		475 000	34 49	
352.000	34 44		414.000	34 45		476.000	34 48	
353 000	34 45		415 000	34 45		477 000	34 49	
354.000	34 44		416.000	34 47		478.000	34 49	
355 000	34 44		417 000	34 45		479 000	34.50	
356.000	34 44		418.000	34 46	34 46	480.000	34 49	
357 000	34 44		419 000	34 47		481 000	34 49	
358.000	34 44		420.000	34 46		482.000	34 49	
359 000	34 44		421 000	34 47		483 000	34.50	
360.000	34 45		422.000	34 46		484.000	34 49	
361 000	34.45		423 000	34 46		485.000	34 49	
362.000	34 44		424.000	34 46		486.000	34 49	
363.000	34 44		425.000	34 45		487 000	34 49	
364.000	34 46		426.000	34 45		488.000	34 49	
365 000	34 44		427 000	34 45		489 000	34 49	
366.000	34 44		428.000	34 46		490.000	34 49	
367 000	34 44		429 000	34 46		491 000	34 49	
368.000	34 44		430.000	34 46		492.000	34 48	
369 000	34 45		431 000	34 48		493 000	34 49	
370.000	34 45		432.000	34 47		494.000	34 49	
371 000	34 45		433.000	34 47		495 000	34 48	
372.000	34 44		434.000	34 48		496.000	34 40	
373 000	34 45		435 000	34 48		497 000	34 40	
374 000	34 44		436.000	34 48		498.000	34 40	
375 000	34 45		437 000	34 49		499 000	34 49	
376.000	34 45		438.000	34 48		500.000	34.50	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas
501 000	34.50		563.000	34.54		625.000	34.59	
502.000	34.50		564.000	34.54		626.000	34.59	
503 000	34 49		565 000	34.54		627 000	34.60	
504.000	34.50		566.000	34.53		628.000	34 60	
505 000	34.50		567 000	34.54		629 000	34.59	
506.000	34.50		568.000	34.54		630.000	34.59	
507 000	34.51		569 000	34.55		631 000	34.59	
508.000	34.50		570.000	34.54		632.000	34.60	
509 000	34.50		571 000	34.54		633.000	34.60	
510.000	34.50		572.000	34.54		634.000	34.59	
511 000	34.50		573.000	34.54		635 000	34.59	
512.000	34.51		574.000	34.55		636.000	34.59	
513.000	34 49		575.000	34.54		637 000	34.59	
514.000	34.51		576.000	34.55		638.000	34.61	
515 000	34.50		577 000	34.54		639 000	34.61	
516.000	34.51		578.000	34.54		640.000	34.60	
517 000	34.51		579 000	34.54		641 000	34 61	
518.000	34.51		580.000	34.54		642.000	34.61	
519 000	34.53		581 000	34.55		643.000	34.60	
520.000	34.53		582.000	34.54		644.000	34.61	
521 000	34.53		583.000	34.54		645 000	34.60	
522.000	34.54		584.000	34.55		646.000	34.60	
523 000	34.51		585.000	34.55		647 000	34.60	
524.000	34.51		586.000	34.54		648.000	34.61	
525 000	34.52		587 000	34.56		649 000	34 60	
526.000	34.52		588.000	34.55		650.000	34 61	
527 000	34.51		589 000	34.55		651 000	34 61	
528.000	34.54	34.56	590.000	34.55		652.000	34 61	
529 000	34.53		591 000	34.55		653.000	34.61	
530.000	34.52		592.000	34.55		654.000	34.61	
531 000	34.52		593.000	34.56		655.000	34.60	
532.000	34.52		594.000	34.55		656.000	34.61	
533 000	34.52		595 000	34.55		657 000	34 61	
534.000	34.52		596.000	34.55		658.000	34 61	
535 000	34.52		597 000	34.55		659 000	34.61	
536.000	34.53		598.000	34.56		660.000	34.61	
537 000	34.51		599 000	34.56		661 000	34.60	
538.000	34.52		600.000	34.55		662.000	34 61	
539 000	34.52		601 000	34.56		663.000	34.61	
540.000	34.52		602.000	34.56		664.000	34 62	
541 000	34.53		603 000	34.56		665 000	34 62	
542.000	34.52		604.000	34.56		666.000	34 61	
543 000	34.52		605 000	34.56		667 000	34 61	
544 000	34.53		606.000	34.56		668.000	34 62	
545 000	34.53		607 000	34.57		669 000	34 62	
546.000	34.53		608.000	34.56		670.000	34.60	
547 000	34.52		609 000	34.56		671 000	34 61	
548.000	34.52		610.000	34.56		672.000	34.61	
549 000	34.52		611 000	34.55		673 000	34.62	
550.000	34.53		612.000	34.58		674.000	34.62	
551 000	34.52		613.000	34.57		675 000	34.62	
552.000	34.54		614.000	34.56		676.000	34.62	
553 000	34.53		615.000	34.57		677 000	34.62	
554.000	34.53		616.000	34.56	34 60	678.000	34.62	
555 000	34.53		617 000	34.56		679 000	34 62	
556.000	34.53		618.000	34.57		680.000	34 63	
557 000	34.53		619 000	34.58		681 000	34 63	
558.000	34.53		620.000	34.57		682.000	34.62	
559 000	34.53		621 000	34.58		683 000	34 62	
560.000	34.53		622.000	34.58		684.000	34.62	
561 000	34.54		623.000	34.58		685 000	34.62	
562.000	34.54		624.000	34.58		686.000	34 63	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
687 000	34.64		749 000	34.69		811 000	34 71	
688.000	34.63		750.000	34 69		812.000	34 72	
689 000	34.63		751 000	34 70		813.000	34 72	
690.000	34.62		752.000	34 70		814.000	34 72	
691 000	34.63		753.000	34 70		815 000	34 71	
692.000	34.63		754.000	34 70		816.000	34 71	
693 000	34.63		755 000	34 70		817 000	34.73	
694.000	34.63		756.000	34 70		818.000	34 71	
695 000	34.62		757 000	34 70		819 000	34 72	
696.000	34.63		758.000	34 71		820.000	34 72	
697 000	34.63		759 000	34 70		821 000	34 72	
698.000	34.63		760.000	34 70		822.000	34 72	
699 000	34.63		761 000	34 71		823.000	34 72	
700.000	34.63		762.000	34 71		824.000	34 72	
701 000	34.64		763.000	34 70		825.000	34 73	
702.000	34.63		764.000	34 71		826.000	34 73	
703.000	34.63		765 000	34 72		827 000	34 72	
704.000	34.63		766.000	34 72		828.000	34 73	
705 000	34.64		767 000	34 72		829 000	34 72	
706.000	34.64		768.000	34 71		830.000	34.73	
707 000	34.64		769 000	34 72		831 000	34 72	
708.000	34.64		770.000	34 71		832.000	34 73	
709 000	34.63		771 000	34 71		833.000	34 73	
710.000	34.63		772.000	34 72		834.000	34 72	
711 000	34.63		773 000	34 71		835 000	34 72	
712.000	34.63		774.000	34 72		836.000	34 72	
713 000	34.64		775 000	34 72		837 000	34 74	
714.000	34.65		776.000	34 71		838.000	34 72	
715 000	34.64		777 000	34.72		839 000	34 73	
716.000	34.64		778.000	34 73		840.000	34 75	
717 000	34.65		779 000	34 72		841 000	34 74	
718.000	34.64		780.000	34 72		842.000	34 72	
719 000	34.65		781 000	34 72		843.000	34 72	
720.000	34.65		782.000	34 72		844.000	34 73	
721 000	34.65		783 000	34 72		845 000	34 72	34 76
722.000	34.65		784.000	34 72		846.000	34 74	
723 000	34.64		785 000	34 72		847 000	34 73	
724.000	34 64		786.000	34 73		848.000	34 73	
725 000	34.64		787 000	34 72		849 000	34 74	
726.000	34.63		788.000	34 72		850.000	34 74	
727 000	34.65		789 000	34 72		851 000	34 73	
728.000	34 41		790.000	34 72		852.000	34 74	
729 000	34.50		791 000	34 72		853.000	34 75	
730.000	34.56		792.000	34 72		854.000	34 75	
731 000	34.59		793.000	34.73		855 000	34 75	
732.000	34.60	34 64	794.000	34 73		856.000	34 74	
733.000	34.62		795.000	34 72		857 000	34 74	
734 000	34.64		796.000	34 73		858.000	34 75	
735 000	34.67		797 000	34 72		859 000	34 74	
736.000	34.66		798.000	34 72		860.000	34 74	
737 000	34.63		799 000	34 73		861 000	34 75	
738.000	34.64		800.000	34 72		862.000	34 75	
739 000	34.66		801 000	34 71		863 000	34 75	
740.000	34.67		802.000	34 72		864.000	34 75	
741 000	34.67		803 000	34 73		865 000	34 75	
742.000	34.68		804 000	34 72		866.000	34 75	
743 000	34.68		805 000	34 72		867 000	34 76	
744 000	34.68		806.000	34 73		868.000	34 76	
745 000	34.68		807 000	34 73		869 000	34 75	
746.000	34.68		808.000	34 72		870.000	34 75	
747 000	34.69		809 000	34 72		871 000	34 76	
748.000	34 70		810.000	34 72		872.000	34 76	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
873 000	34 76		935.000	34 77		997 000	34 82	
874.000	34 76		936.000	34 78		998.000	34 83	
875 000	34 76		937 000	34 78		999 000	34 84	
876.000	34.76		938.000	34 77		1000.00	34 83	
877 000	34.75		939 000	34.78		1001.00	34 83	
878.000	34.76		940.000	34 78		1002.00	34 82	
879 000	34.76		941 000	34 79		1003.00	34 83	
880.000	34 76		942.000	34 78		1004.00	34 83	
881 000	34.75		943.000	34 78		1005.00	34 82	
882.000	34.76		944.000	34 78		1006.00	34 83	
883 000	34 76		945.000	34.78		1007.00	34 83	
884.000	34.76		946.000	34.78		1008.00	34.83	
885.000	34.77		947 000	34 78		1009.00	34.83	
886.000	34.76		948.000	34.78		1010.00	34 84	
887 000	34 76		949 000	34 79		1011.00	34 83	
888.000	34.76		950.000	34 78		1012.00	34 85	
889 000	34 76		951 000	34 79		1013.00	34 85	
890.000	34.77		952.000	34 79		1014.00	34.84	
891 000	34.76		953.000	34.80		1015.00	34 85	
892.000	34 76		954.000	34 79		1016.00	34 84	
893.000	34.76		955.000	34 78		1017.00	34 83	
894.000	34 76		956.000	34 78		1018.00	34 85	
895.000	34.76		957 000	34 79		1019.00	34 83	
896.000	34.77		958.000	34 78		1020.00	34 84	
897 000	34 76		959 000	34.79		1021.00	34 84	
898.000	34 76		960.000	34 79		1022.00	34 85	
899 000	34.76		961 000	34 78	34 82	1023.00	34 85	
900.000	34 77		962.000	34 78		1024.00	34 85	
901 000	34.76		963.000	34 79		1025.00	34 84	
902.000	34.76		964.000	34.79		1026.00	34 85	
903.000	34.76		965.000	34 79		1027.00	34 85	
904.000	34 76		966.000	34 80		1028.00	34 84	
905 000	34 77		967 000	34 81		1029.00	34 84	
906.000	34 77		968.000	34 81		1030.00	34 85	
907 000	34 77		969 000	34 81		1031 00	34 86	
908.000	34.77		970.000	34 81		1032.00	34 85	
909 000	34 77		971 000	34 79		1033.00	34 85	
910.000	34 77		972.000	34 80		1034.00	34 85	
911 000	34 77		973.000	34.80		1035 00	34 86	
912.000	34 78		974.000	34 81		1036.00	34 86	
913 000	34 77		975 000	34 80		1037 00	34 85	
914.000	34 76		976.000	34 81		1038.00	34 85	
915 000	34 78		977 000	34 82		1039 00	34 85	
916.000	34 77		978.000	34 81		1040.00	34 85	
917 000	34 77		979 000	34 81		1041.00	34 85	
918.000	34 78		980.000	34 81		1042.00	34 86	
919 000	34 76		981 000	34 82		1043.00	34 85	
920.000	34 77		982.000	34 82		1044.00	34 86	
921 000	34 77		983.000	34 81		1045 00	34 85	
922.000	34 77		984.000	34 81		1046.00	34 85	
923.000	34 77		985.000	34 82		1047 00	34 86	
924.000	34.77		986.000	34 82		1048.00	34 86	
925 000	34 77		987 000	34 82		1049 00	34 85	
926.000	34 77		988.000	34 81		1050 00	34 86	
927 000	34 78		989 000	34 82		1051 00	34 85	
928.000	34 78		990.000	34 82		1052.00	34 86	
929 000	34 77		991 000	34 81		1053.00	34 86	
930.000	34 78		992.000	34 82		1054 00	34 85	
931 000	34 77		993 000	34 81		1055.00	34 86	
932.000	34 77		994.000	34 82		1056.00	34 86	
933 000	34 78		995 000	34 83		1057 00	34 85	
934.000	34 78		996.000	34 82		1058.00	34 86	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1059 00	34 85							
1060.00	34.85							
1061 00	34.86							
1062.00	34.86							
1063.00	34.86							
1064 00	34.86							
1065.00	34 86							
1066.00	34 86							
1067 00	34 86							
1068 00	34.87							
1069.00	34.87							
1070.00	34.87							
1071.00	34.88							
1072.00	34.88							
1073 00	34.87							
1074.00	34.88							
1075.00	34.87							
1076.00	34.88							
1077.00	34 88							
1078 00	34 87	34 90						
1079 00	34 88							
1080.00	34.87							
1081.00	34 88							
1082.00	34.87							
1083.00	34.88							
1084 00	34 87							
1085 00	34.89							
1086.00	34.87							
1087.00	34.87							
1088.00	34.88							
1089.00	34 87							
1090.00	34.87							
1091 00	34 88							
1092.00	34.89							
1093 00	34.88							
1094.00	34 89							
1095 00	34 89							
1096.00	34 87							
1097 00	34 89							
1098 00	34 88							
1099 00	34 90							
1100 00	34 88							
1101 00	34.89							
1102.00	34 89							
1103 00	34.89							
1104 00	34.89							
1105.00	34 89							
1106.00	34 88							
1107 00	34 88							
1108 00	34 89							
1109 00	34 89							
1110 00	34 88							
1111 00	34.88							
1112.00	34 88							
1113 00	34 89							
1114 00	34 89							
1115 00	34 88							
1116.00	34 90							

Well 20991 File 07
SE1000B
Environmental Logger
05/02 05 10

Unit# 00000 Test# 0

INPUT 1 Level (F) TOC

Reference 34 96
Scale factor 10 05
Offset 0 02

Step# 0 05/01 05 32

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	34 95		43 0000	34 96		86.0000	35 00	
1 0000	34 95		44 0000	34 97		87 0000	34 99	
2 0000	34.95		45 0000	34 97		88 0000	34 98	
3 0000	34 98		46.0000	34 96		89 0000	34 98	
4 0000	34 96		47 0000	34 96		90 0000	34 97	
5 0000	34 95		48 0000	34 96		91 0000	34 97	
6 0000	34 95		49 0000	34 96		92.0000	34 98	
7 0000	34 95		50 0000	34 97		93 0000	34 98	
8 0000	34 95		51 0000	34 96		94 0000	34 98	
9 0000	34.95		52.0000	34 97		95 0000	34 98	
10 0000	34 96		53 0000	34 97		96 0000	34 98	
11 0000	34 96		54 0000	34 97		97.0000	34 97	
12 0000	34 96		55 0000	34 96		98 0000	34 98	
13 0000	34 96		56 0000	34 97		99 0000	34 98	
14 0000	34 96		57 0000	34 97		100.000	34 98	
15 0000	34 95		58 0000	34 97		101 000	34 98	
16 0000	34 96		59 0000	34 97		102.000	34 99	
17 0000	34 96		60 0000	34 97		103 000	34 98	34 97
18 0000	34 95		61 0000	34 97		104 000	34 98	
19 0000	34 96		62 0000	34 98		105 000	34 98	
20 0000	34 96		63 0000	34 98		106.000	34 99	
21 0000	34 96		64 0000	34 98		107 000	35 00	
22 0000	34 95		65 0000	34 97		108.000	35 00	
23 0000	34 94		66 0000	34 97		109 000	34 98	
24 0000	34 94		67 0000	34 98		110.000	35 00	
25 0000	34 95		68 0000	34 97		111 000	34 99	
26 0000	34 96		69 0000	34 98		112.000	34 98	
27 0000	34 96		70 0000	34 97		113 000	34 98	
28 0000	34 96		71 0000	34 97		114 000	34 99	
29 0000	34 95		72 0000	34 97		115 000	34 99	
30 0000	34 95		73 0000	34 98		116.000	34 98	
31 0000	34 96		74 0000	34 97		117 000	34 99	
32 0000	34 96		75 0000	34 97		118.000	34 98	
33 0000	34 96		76 0000	34 97		119 000	34 98	
34 0000	34 96		77 0000	34 98		120.000	34 99	
35 0000	34 96		78 0000	34 97		121 000	34 99	
36 0000	34 95		79 0000	34 97		122.000	34 99	
37 0000	34 96		80 0000	34 97		123 000	34 96	
38 0000	34 96		81 0000	34 98		124.000	34 95	
39 0000	34 96		82 0000	34 98		125 000	34 94	
40 0000	34 96		83 0000	34 98		126.000	34 93	
41 0000	34 96		84 0000	34 98		127 000	34 94	
42 0000	34 96		85 0000	34 99		128.000	34 94	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
129 000	34 95		191 000	34 95		253 000	34 87	
130.000	34 95		192.000	34 97		254.000	34 88	
131 000	34 95		193 000	34 98		255 000	34 87	
132.000	34 94		194 000	34 97		256.000	34 88	
133 000	34 96		195 000	34 97		257 000	34 87	
134 000	34 94		196.000	34 97		258.000	34 88	
135 000	34 95		197 000	34 96		259 000	34 89	
136.000	34 90		198.000	34 96		260.000	34 87	
137 000	34 96		199 000	34 96		261 000	34 88	
138.000	34 94	34 95	200.000	34 96		262.000	34 87	
139 000	34 94		201 000	34 85		263 000	34 88	
140.000	34 94		202.000	34 62		264.000	34 88	
141 000	34 94		203 000	34 73		265 000	34 88	
142.000	34 94		204.000	34 79		266.000	34 87	
143 000	34 94		205 000	34 83		267 000	34 87	
144 000	34 95		206.000	34 85		268.000	34.88	
145 000	34 93		207 000	34 86		269 000	34 88	
146.000	34 94		208.000	34 87		270.000	34 88	
147 000	34 95		209 000	34 88		271 000	34 88	
148.000	34 94		210.000	34 88		272.000	34 86	
149 000	34 94		211 000	34 88		273 000	34 87	
150.000	34 93		212.000	34 89		274.000	34 88	
151 000	34 94		213 000	34 89		275 000	34 88	
152.000	34 94		214 000	34 90		276.000	34 87	
153 000	34 94		215 000	34 89		277 000	34 88	
154 000	34 93		216.000	34 90		278.000	34 87	
155 000	34 94		217 000	34 89		279 000	34 87	
156.000	34 94		218.000	34 89		280.000	34 87	
157 000	34 94		219 000	34 88		281 000	34.88	
158 000	34 94		220.000	34 88		282.000	34 88	
159 000	34 93		221 000	34 88		283.000	34 88	
160.000	34 94		222.000	34 88		284.000	34 89	
161 000	34 94		223 000	34 88		285 000	34 88	
162.000	34 94		224 000	34 88		286.000	34 88	
163 000	34 93		225 000	34 88		287 000	34 89	
164 000	34 94		226.000	34 87	34 86	288.000	34 89	
165 000	34 94		227 000	34 87		289 000	34 90	
166.000	34 95		228.000	34 88		290.000	34 89	
167 000	34 94		229 000	34 88		291 000	34 89	
168 000	34 93		230.000	34 88		292.000	34 89	
169 000	34 94		231 000	34 88		293 000	34 89	
170.000	34 93		232.000	34 88		294 000	34 89	
171 000	34 93		233 000	34 88		295 000	34 89	
172.000	34 93		234 000	34 87		296.000	34 89	
173 000	34 94		235 000	34 87		297 000	34 89	
174 000	34 94		236.000	34 89		298.000	34 89	
175 000	34 93		237 000	34 87		299 000	34 89	
176.000	34 94		238.000	34 88		300.000	34 90	
177 000	34 93		239 000	34 88		301 000	34 89	
178.000	34 93		240.000	34 88		302.000	34 89	
179 000	34 94		241 000	34 87		303 000	34 89	
180 000	34 94		242.000	34 88		304.000	34 89	
181 000	34 94		243 000	34 88		305.000	34 89	
182.000	34 93		244 000	34 88		306.000	34 89	
183 000	34 94		245 000	34 88		307 000	34 90	
184 000	34 93		246.000	34 88		308.000	34 90	
185 000	34 94		247 000	34 87		309 000	34 90	
186.000	34 94		248 000	34 87		310.000	34 89	
187 000	34 94		249 000	34 88		311 000	34 90	
188 000	34 95		250.000	34 88		312.000	34 89	
189 000	34 95		251 000	34 88		313 000	34 90	
190 000	34 95		252.000	34 87		314.000	34 90	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
315 000	34 90		377 000	34 90		439 000	34 84	
316.000	34 90		378.000	34 89		440.000	34 84	
317 000	34 90		379 000	34 91		441 000	34 85	
318.000	34 90		380.000	34 90		442.000	34 85	
319 000	34 90		381 000	34 90		443 000	34 85	
320.000	34 89		382.000	34 90		444.000	34 84	
321 000	34 89		383 000	34 90		445.000	34 84	
322.000	34 89		384.000	34 91		446.000	34 84	
323 000	34 89		385 000	34 90		447 000	34 84	
324 000	34 89		386.000	34 91		448.000	34 84	
325 000	34 89		387 000	34 91		449 000	34 84	
326.000	34 89		388.000	34 90		450.000	34 85	
327 000	34 89		389 000	34 90		451 000	34 85	
328.000	34 89		390.000	34 90		452.000	34 84	
329 000	34 89		391 000	34 91		453 000	34 86	
330.000	34 90		392.000	34 91		454.000	34 86	
331 000	34 90		393 000	34 89		455 000	34 85	
332.000	34 89		394 000	34 90		456.000	34 85	
333 000	34 89		395 000	34 91		457 000	34 86	
334 000	34 89		396.000	34 89		458.000	34 85	
335 000	34 90		397 000	34 90		459 000	34 85	
336.000	34 90		398.000	34 91		460.000	34 85	
337 000	34 89		399 000	34 89		461 000	34 85	
338.000	34 89		400.000	34 89	34 88	462.000	34 86	
339 000	34 89		401 000	34 89		463 000	34 86	
340.000	34 90		402.000	34 89		464.000	34 85	
341 000	34 89		403 000	34 87		465 000	34 87	
342.000	34 89		404.000	34 86		466.000	34 86	
343 000	34 90		405 000	34 86		467 000	34 87	
344 000	34 89		406.000	34 86		468.000	34.87	
345 000	34 89		407 000	34 86		469 000	34 86	
346.000	34 90		408.000	34 86		470.000	34 87	
347 000	34 90		409 000	34 85		471 000	34 86	
348.000	34 90		410.000	34 85		472.000	34 86	
349 000	34 89		411 000	34 86		473 000	34 88	
350.000	34 90		412.000	34 85		474.000	34 88	
351 000	34 89		413 000	34 86		475 000	34 89	
352.000	34 90		414 000	34 85		476.000	34 89	
353 000	34 90		415 000	34 85		477 000	34 88	
354 000	34 90		416.000	34 86		478.000	34 88	
355 000	34 89		417 000	34 86		479 000	34 88	
356.000	34 90		418.000	34 86		480.000	34 87	
357 000	34 89		419 000	34 86		481 000	34 87	
358 000	34 89		420.000	34 86		482.000	34 87	
359 000	34 90		421 000	34 86		483 000	34 88	
360.000	34 90		422.000	34 85		484 000	34.88	
361 000	34 89		423 000	34 85		485 000	34 88	
362.000	34 90		424 000	34 85		486.000	34 87	
363 000	34 90		425 000	34 86		487 000	34 87	
364 000	34 90		426.000	34 86		488.000	34 87	
365 000	34 89		427 000	34 86		489 000	34 87	
366.000	34 89		428.000	34 85		490.000	34 86	
367 000	34 89		429 000	34 85		491 000	34 87	
368.000	34 90		430.000	34 85		492.000	34 87	
369 000	34 89		431 000	34 85		493.000	34 87	
370 000	34 90		432.000	34 86		494.000	34 87	
371 000	34 90		433 000	34 86		495 000	34 86	
372.000	34 90		434 000	34 85		496.000	34 86	
373 000	34 91		435 000	34 86		497 000	34 86	
374 000	34 89		436.000	34 85		498.000	34 86	
375 000	34 90		437 000	34 84		499 000	34 86	
376.000	34 91		438.000	34 85		500.000	34 83	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
501 000	34 82		563 000	34 85		625 000	34 87	
502.000	34 84		564.000	34 87		626.000	34 87	
503 000	34 84		565.000	34 86		627 000	34 87	
504 000	34 84		566.000	34 86		628.000	34 88	
505 000	34 84		567 000	34 86		629 000	34 88	
506.000	34 84		568.000	34 86		630.000	34.87	
507 000	34 84		569 000	34 86		631 000	34.87	
508.000	34 85		570.000	34 87		632.000	34 87	
509 000	34 85		571 000	34 86		633.000	34 88	
510.000	34 85		572.000	34 86		634.000	34 87	
511 000	34 85		573 000	34 86		635.000	34 88	
512.000	34 85		574 000	34 87		636.000	34 87	
513 000	34 84		575 000	34 87		637 000	34.88	
514.000	34 84		576.000	34 88		638.000	34.88	
515 000	34 84		577 000	34 87		639.000	34 87	
516.000	34.85		578.000	34 88		640.000	34 87	
517 000	34 85		579 000	34 87		641 000	34 87	
518.000	34 84		580.000	34 85		642.000	34 87	
519 000	34 84		581 000	34 84		643.000	34 87	
520.000	34 85		582.000	34 85		644.000	34 87	
521 000	34 83		583 000	34 85		645 000	34 88	
522.000	34 83		584.000	34 84		646.000	34 88	
523 000	34 83		585 000	34 85		647 000	34 87	
524 000	34 83		586.000	34 85		648.000	34 87	
525 000	34 83		587 000	34 86		649 000	34 88	
526.000	34 83		588.000	34 86		650.000	34 88	
527 000	34 84		589 000	34 85		651 000	34 86	
528.000	34 83		590.000	34 86		652.000	34 87	
529 000	34 82		591 000	34 86		653.000	34 87	
530.000	34 83		592.000	34 85		654.000	34 89	
531 000	34 84		593 000	34 87		655 000	34 89	
532.000	34 83		594.000	34 86		656.000	34 88	
533 000	34 83		595 000	34 86		657 000	34 88	
534 000	34 83		596.000	34 86		658.000	34.89	
535 000	34 84		597 000	34 87		659 000	34 88	
536.000	34 83		598.000	34 87		660.000	34 88	
537 000	34 84		599 000	34 87		661 000	34 88	
538.000	34 84		600.000	34 87		662.000	34 89	
539 000	34 84		601 000	34 87		663 000	34 89	
540.000	34 85		602.000	34 87		664.000	34 88	
541 000	34 85		603 000	34 87		665 000	34.88	
542.000	34 85		604 000	34 87		666.000	34 89	
543 000	34 86		605 000	34 87		667 000	34 89	
544 000	34 85		606.000	34 87		668.000	34 88	
545 000	34 86		607 000	34 87		669 000	34 88	
546.000	34 86		608.000	34 88		670.000	34 90	
547 000	34 85		609 000	34 87		671 000	34 91	
548.000	34 86		610.000	34 87		672.000	34 90	
549 000	34 85		611 000	34 88		673 000	34 91	
550.000	34 85		612.000	34 87		674.000	34 90	
551 000	34 85		613 000	34 87		675 000	34 91	
552.000	34 85		614 000	34 88		676.000	34 91	
553 000	34 85		615 000	34 88		677 000	34 90	
554 000	34 86		616.000	34 88		678.000	34 90	
555 000	34 85		617 000	34.86		679.000	34 90	
556.000	34 86		618 000	34 86		680.000	34 91	
557 000	34 86		619 000	34 88		681 000	34 91	
558 000	34 86		620.000	34 89		682.000	34 92	
559 000	34 86		621 000	34 87		683 000	34 91	
560 000	34 87		622.000	34 88		684.000	34 91	
561 000	34 87		623 000	34 87		685 000	34 90	
562.000	34 86		624.000	34 88		686.000	34 92	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
687 000	34 89		749 000	34 93		811 000	35 00	
688.000	34 90		750.000	34 93		812.000	35 00	
689 000	34 90		751 000	34 94		813.000	35 01	
690.000	34 89		752.000	34 94		814.000	35 02	
691 000	34 89		753 000	34 94		815.000	35 03	
692.000	34 90		754.000	34 94		816.000	35 02	35 02
693 000	34 91		755 000	34 93		817 000	35 01	
694 000	34 90		756.000	34 94		818.000	35 01	
695 000	34 91	34 92	757 000	34 94		819 000	35 01	
696.000	34 90		758.000	34 94		820.000	35 01	
697 000	34 91		759 000	34 94		821 000	35 02	
698.000	34 91		760.000	34 95		822.000	35 01	
699 000	34 90		761 000	34 95		823.000	35.00	
700.000	34 91		762.000	34 93		824.000	35.04	
701 000	34 89		763 000	34 94		825 000	35.01	
702.000	34 91		764.000	34 95		826.000	35 01	
703 000	34 91		765 000	34 95		827 000	35 01	
704 000	34 91		766.000	34 94		828.000	34 98	
705 000	34 90		767 000	34 94		829 000	35.01	
706.000	34 90		768.000	34 95		830.000	34 99	
707 000	34 91		769 000	34 95		831 000	35 02	
708.000	34 92		770.000	34 95		832.000	34 89	
709 000	34 92		771 000	34 94		833.000	34 94	
710.000	34 94		772.000	34 95		834.000	34.98	
711 000	34 93		773 000	34 96		835 000	35 01	
712.000	34 93		774 000	34 96		836.000	35.03	
713 000	34 94		775 000	34 96		837 000	35.03	
714 000	34 93		776.000	34 96		838.000	35 03	
715 000	34.94		777 000	34 96		839 000	35 03	
716.000	34 94		778.000	34 96		840.000	35 04	
717 000	34 95		779 000	34 96		841 000	35 03	
718 000	34 93		780.000	34 97		842.000	35 05	
719 000	34 94		781 000	34 97		843 000	35 05	
720.000	34 94		782.000	34 96		844.000	35 05	
721 000	34 94		783 000	34 96		845 000	35 05	
722.000	34 95		784 000	34 97		846.000	35 05	
723 000	34 94		785 000	34 97		847 000	35 05	
724 000	34 93		786.000	34 97		848.000	35 06	
725 000	34 93		787 000	34 98		849 000	35 06	
726.000	34 94		788.000	34 97		850.000	35 06	
727 000	34 93		789 000	34 97		851 000	35 06	
728.000	34 94		790.000	34 97		852.000	35 06	
729 000	34 93		791 000	34 98		853 000	35 06	
730.000	34 93		792.000	34 98		854.000	35 06	
731 000	34 93		793 000	34 99		855 000	35 07	
732.000	34 93		794.000	34 99		856.000	35 06	
733 000	34 93		795 000	34 99		857 000	35 07	
734 000	34 92		796.000	34 99		858.000	35 06	
735 000	34 93		797 000	34 99		859 000	35 06	
736.000	34 93		798.000	34 99		860.000	35 07	
737 000	34 93		799 000	34 99		861 000	35 08	
738 000	34 94		800.000	34 99		862.000	35 08	
739 000	34 94		801 000	34 99		863 000	35 07	
740 000	34 93		802.000	35 00		864.000	35 08	
741 000	34 91		803 000	34 99		865 000	35 08	
742.000	34 90		804.000	35 00		866.000	35 09	
743 000	34 91		805 000	34 99		867 000	35 09	
744 000	34 92		806.000	35 00		868.000	35 08	
745 000	34 93		807 000	35 00		869 000	35 09	
746.000	34 93		808.000	35 00		870.000	35 09	
747 000	34 93		809 000	35 00		871 000	35 09	
748 000	34 93		810.000	35 00		872.000	35 09	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
873 000	35 09		935 000	35 14		997 000	35.21	
874 000	35 09		936.000	35 13		998.000	35.22	
875 000	35 09		937 000	35 10		999 000	35.22	
876.000	35 09		938.000	35 11		1000.00	35.22	
877 000	35 09		939 000	35 13		1001.00	35.22	
878.000	35 09		940.000	35 13		1002.00	35.23	
879 000	35 08		941 000	35 14		1003.00	35.23	
880.000	35 08		942.000	35 16		1004.00	35.22	
881 000	35.08		943 000	35 16		1005.00	35.22	
882.000	35 08		944 000	35 17		1006.00	35.22	
883 000	35 09		945 000	35 15		1007 00	35.22	
884 000	35 08		946.000	35 16		1008.00	35.23	
885 000	35 08		947 000	35 15	35.20	1009.00	35.22	
886.000	35 08		948.000	35 18		1010.00	35.22	
887 000	35 08		949 000	35 16		1011.00	35.23	
888 000	35 07		950.000	35 18		1012.00	35.22	
889 000	35 08		951 000	35 18		1013.00	35.23	
890.000	35 08		952.000	35 18		1014.00	35.22	
891 000	35 08		953 000	35 17		1015 00	35.22	
892.000	35 08		954 000	35 18		1016.00	35.23	
893 000	35 08		955 000	35 17		1017 00	35.23	
894 000	35 08		956.000	35 18		1018 00	35.23	
895 000	35 09		957 000	35 18		1019 00	35.23	
896.000	35 08		958.000	35 19		1020.00	35.24	
897 000	35 09		959 000	35 19		1021 00	35.23	
898.000	35 08		960.000	35.20		1022.00	35.23	
899 000	35 09		961 000	35 20		1023 00	35.24	
900 000	35 08		962.000	35.20		1024.00	35.23	
901 000	35 11		963 000	35.20		1025 00	35.23	
902.000	35 09		964 000	35 19		1026.00	35.23	
903 000	35 09		965 000	35.21		1027 00	35.23	
904 000	35 10		966.000	35.20		1028 00	35.23	
905 000	35 11		967 000	35.20		1029.00	35.23	
906.000	35 10		968.000	35.20		1030.00	35.23	
907 000	35 14		969 000	35 19		1031 00	35.23	
908.000	35 12		970.000	35 18		1032 00	35.24	
909 000	35 12		971 000	35 19		1033 00	35.23	
910.000	35 12		972.000	35.20		1034.00	35.23	
911 000	35 11		973 000	35.20		1035 00	35.23	
912.000	35 12		974 000	35 20		1036.00	35.24	
913 000	35 11		975 000	35 20		1037.00	35.24	
914 000	35 11		976.000	35.20		1038 00	35.24	
915 000	35 12		977 000	35 20		1039 00	35.24	
916.000	35 11		978.000	35.20		1040 00	35.24	
917 000	35 12		979 000	35 21		1041 00	35.25	
918 000	35 12		980.000	35 20		1042.00	35.24	
919 000	35 13		981 000	35.21		1043.00	35.24	
920.000	35 11		982.000	35.20		1044 00	35.25	
921 000	35 12		983 000	35.21		1045 00	35.24	
922.000	35 13		984.000	35 20		1046 00	35.25	
923 000	35 13		985 000	35.21		1047 00	35.25	
924 000	35 14		986.000	35.21		1048 00	35.25	
925 000	35 14		987 000	35 23		1049 00	35.25	
926.000	35 14		988.000	35.22		1050 00	35.25	
927 000	35 14		989 000	35.21		1051 00	35.25	
928.000	35 13		990.000	35 21		1052.00	35.25	
929 000	35 14		991 000	35 22		1053.00	35.25	
930 000	35 13		992.000	35 22		1054 00	35 25	
931 000	35 14		993 000	35.22		1055 00	35.25	
932.000	35 15		994 000	35 21		1056.00	35.25	
933 000	35 14		995 000	35 22		1057 00	35 24	
934 000	35 15		996.000	35.22		1058 00	35.25	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1059 00	35.25		1121 00	35 29		1183.00	35.29	
1060.00	35.26		1122.00	35.28		1184.00	35 30	
1061 00	35.25		1123 00	35.28		1185.00	35.30	
1062 00	35.25		1124 00	35 28		1186.00	35.30	
1063 00	35.25		1125 00	35.28		1187.00	35.29	
1064 00	35.25		1126.00	35.28		1188.00	35.30	
1065 00	35.26		1127 00	35.28		1189 00	35.30	
1066.00	35.25		1128.00	35.28		1190.00	35.30	
1067 00	35.25		1129 00	35.28		1191.00	35.30	
1068 00	35.26		1130 00	35.29		1192.00	35.30	
1069 00	35.26		1131 00	35.29		1193.00	35.29	
1070 00	35.25		1132.00	35.28		1194.00	35.30	
1071 00	35.26		1133 00	35.28		1195.00	35.30	
1072.00	35.25	35.30	1134 00	35.29		1196.00	35.30	
1073 00	35.26		1135 00	35.29		1197.00	35.29	
1074 00	35.26		1136.00	35.28		1198.00	35.30	
1075 00	35.27		1137 00	35.29		1199.00	35.29	
1076.00	35.28		1138.00	35.27		1200.00	35.30	
1077 00	35.28		1139 00	35.28		1201.00	35.30	
1078 00	35.25		1140 00	35.28		1202.00	35.30	
1079 00	35.25		1141 00	35.27		1203.00	35 30	
1080 00	35 13		1142.00	35.29		1204.00	35.29	
1081 00	35 19		1143 00	35.28		1205.00	35 29	
1082.00	35.22		1144 00	35.29		1206.00	35.30	
1083 00	35.23		1145 00	35.27		1207.00	35.29	
1084 00	35.24		1146 00	35.28		1208 00	35.29	
1085 00	35.25		1147 00	35.28		1209.00	35.29	
1086.00	35.26		1148 00	35.28		1210.00	35.30	
1087 00	35.25		1149 00	35.26		1211 00	35.29	
1088.00	35.27		1150 00	35.28		1212.00	35 30	
1089 00	35.27		1151 00	35 28		1213 00	35.30	
1090 00	35.26		1152.00	35.28		1214 00	35 30	
1091 00	35.27		1153 00	35.29		1215 00	35.30	
1092.00	35.27		1154 00	35.29		1216.00	35.30	
1093 00	35.28		1155 00	35.28		1217 00	35.30	
1094 00	35.27		1156 00	35.28		1218 00	35 30	
1095 00	35.28		1157 00	35.28		1219 00	35.29	
1096 00	35.28		1158 00	35 29		1220.00	35 30	
1097 00	35.28		1159 00	35.29		1221 00	35.30	
1098 00	35.27		1160 00	35 28		1222.00	35 30	
1099 00	35 28		1161 00	35 28		1223 00	35 30	
1100 00	35.28		1162 00	35 28		1224 00	35.29	
1101 00	35.28		1163 00	35.28		1225 00	35.30	
1102 00	35.27		1164 00	35.28		1226.00	35.30	
1103 00	35.27		1165 00	35 29		1227 00	35.30	
1104 00	35.28		1166 00	35.29		1228.00	35 30	
1105 00	35.27		1167 00	35.28		1229 00	35.30	
1106 00	35.28		1168 00	35.28		1230 00	35 31	
1107 00	35.28		1169 00	35 27		1231 00	35 30	
1108 00	35 28		1170 00	35.26		1232.00	35.30	
1109 00	35.27		1171 00	35.27		1233 00	35.30	
1110 00	35 28		1172 00	35 27		1234 00	35 30	
1111 00	35.29		1173 00	35.27		1235 00	35.31	
1112.00	35.27		1174 00	35 28	35 31	1236.00	35.29	
1113 00	35.27		1175 00	35 28		1237 00	35 30	
1114 00	35 28		1176 00	35 29		1238 00	35 30	
1115 00	35 28		1177 00	35 29		1239 00	35 30	
1116 00	35 28		1178 00	35 30		1240 00	35 31	
1117 00	35 28		1179 00	35.29		1241 00	35.30	
1118 00	35.28		1180 00	35.29		1242.00	35 30	
1119 00	35 28		1181 00	35 30		1243 00	35.30	
1120 00	35.28		1182 00	35 30		1244 00	35 30	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1245 00	35 30		1307 00	35 31		1369 00	35 33	
1246 00	35.30		1308 00	35 31		1370.00	35.32	
1247 00	35.30		1309 00	35 32		1371 00	35.33	
1248 00	35 17		1310 00	35 31		1372.00	35.33	
1249 00	35.22		1311 00	35 32		1373.00	35.33	
1250 00	35.26		1312.00	35 31		1374 00	35.33	
1251 00	35.27		1313 00	35 31		1375.00	35.33	
1252.00	35.28		1314 00	35 31		1376.00	35.34	
1253 00	35.29		1315 00	35 31		1377.00	35.34	
1254 00	35.29		1316.00	35 32		1378.00	35.34	
1255 00	35.29		1317 00	35 32		1379.00	35.34	
1256 00	35.30		1318 00	35.31		1380.00	35.34	35 38
1257 00	35.31		1319 00	35 32		1381 00	35.35	
1258 00	35.30		1320 00	35 32		1382.00	35.34	
1259 00	35.30		1321 00	35 31		1383.00	35 34	
1260 00	35.30		1322.00	35 32		1384 00	35 35	
1261 00	35.31		1323 00	35 32		1385 00	35.34	
1262.00	35.30		1324 00	35 32		1386.00	35.34	
1263 00	35.31		1325 00	35.31		1387.00	35.34	
1264 00	35.31		1326.00	35 32		1388 00	35.34	
1265 00	35.30		1327 00	35 31		1389.00	35 34	
1266 00	35.31		1328 00	35 32		1390 00	35 34	
1267 00	35.30		1329 00	35 31		1391 00	35.35	
1268 00	35 31		1330 00	35 32		1392.00	35.34	
1269 00	35 31		1331 00	35 31		1393 00	35.35	
1270 00	35 30		1332.00	35 32		1394 00	35.34	
1271 00	35.31		1333 00	35 32		1395 00	35.34	
1272 00	35.31		1334 00	35 32		1396.00	35.35	
1273 00	35.31		1335 00	35 32		1397 00	35.34	
1274 00	35.31		1336 00	35 31		1398 00	35.34	
1275 00	35.31		1337 00	35 32		1399 00	35.35	
1276 00	35.31		1338 00	35 32		1400.00	35.35	
1277 00	35 31		1339 00	35 32		1401 00	35.35	
1278 00	35 31		1340 00	35.31		1402.00	35 34	
1279 00	35 31		1341 00	35 32		1403 00	35.35	
1280 00	35 31		1342.00	35 32		1404 00	35 35	
1281 00	35 31		1343 00	35 32		1405 00	35 35	
1282 00	35.31		1344 00	35 32		1406.00	35 35	
1283 00	35 31		1345 00	35 32		1407 00	35 35	
1284 00	35 31		1346 00	35 32		1408.00	35 35	
1285 00	35 31		1347 00	35 32		1409.00	35.35	
1286 00	35 31		1348 00	35 32		1410 00	35 35	
1287 00	35.31		1349 00	35 32		1411 00	35.35	
1288 00	35 32		1350 00	35 31		1412.00	35.35	
1289 00	35 30		1351 00	35 33		1413 00	35 35	
1290 00	35 31		1352 00	35 32		1414 00	35 35	
1291 00	35 31		1353 00	35 33		1415 00	35.35	
1292 00	35 31		1354 00	35 33		1416 00	35.35	
1293 00	35 32		1355 00	35 32		1417 00	35 35	
1294 00	35.31		1356 00	35 33				
1295 00	35 31		1357 00	35 32				
1296 00	35 31		1358 00	35 33				
1297 00	35 31		1359 00	35 32				
1298 00	35 31		1360 00	35 32				
1299 00	35 32		1361 00	35 32				
1300 00	35 31		1362 00	35 33				
1301 00	35 31		1363 00	35 33				
1302 00	35 31		1364 00	35 33				
1303 00	35 31		1365 00	35 33				
1304 00	35 31		1366.00	35 33				
1305 00	35 32		1367 00	35 32				
1306 00	35 31		1368 00	35 33				

Well 20991 File 08
SE1000B
Environmental Logger
05/03 05 16

Unit# 00000 Test# 0

INPUT 1 Level (F) TOC

Reference 35.33
Scale factor 10 05
Offset 0 02

Step# 0 05/02 05 49

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	35.33		43.0000	35.36		86.0000	35.34	
1 0000	35 33		44.0000	35.36		87.0000	35.34	
2.0000	35.34		45.0000	35.35		88.0000	35.34	
3 0000	35 34		46.0000	35.35		89.0000	35.34	
4 0000	35.34		47.0000	35.35		90.0000	35.34	
5 0000	35.34		48.0000	35.35		91.0000	35.34	
6.0000	35 34		49.0000	35.35		92.0000	35.35	
7 0000	35.34		50.0000	35.35		93.0000	35.35	
8 0000	35.33		51.0000	35.35		94 0000	35.35	
9 0000	35.33		52.0000	35.36		95 0000	35.35	
10 0000	35.34		53.0000	35.36		96.0000	35.35	
11 0000	35.33		54.0000	35.35		97.0000	35.35	
12.0000	35.34		55.0000	35.36		98.0000	35.35	
13 0000	35.35		56.0000	35.36		99 0000	35.35	
14 0000	35.34		57.0000	35.36		100.000	35.35	
15 0000	35.34		58.0000	35.35		101 000	35.36	
16.0000	35.34		59 0000	35.36		102.000	35.35	
17 0000	35.32		60.0000	35.36		103 000	35.35	
18 0000	35.33		61 0000	35.36		104.000	35.35	
19.0000	35.32		62.0000	35.36		105 000	35.34	
20 0000	35.34		63.0000	35.36		106.000	35.36	
21 0000	35.34		64.0000	35.35		107 000	35.35	
22.0000	35.34		65.0000	35 35		108 000	35.35	
23 0000	35.34		66.0000	35.36		109 000	35 36	
24 0000	35.35		67.0000	35.36		110.000	35.36	
25 0000	35.35		68.0000	35.35		111 000	35.37	
26.0000	35.34		69.0000	35.36		112.000	35.36	
27 0000	35.35		70.0000	35.35		113 000	35.36	
28 0000	35.35		71.0000	35.36		114.000	35.39	
29 0000	35.35		72.0000	35.35		115 000	35.35	
30 0000	35.34		73.0000	35.36		116.000	35.35	
31 0000	35.34		74.0000	35.36		117 000	35.22	
32.0000	35.35		75 0000	35.34		118.000	35.28	
33 0000	35.35		76.0000	35.33		119 000	35.32	
34 0000	35.35		77.0000	35.32		120.000	35.33	
35 0000	35.35		78 0000	35.33		121 000	35.33	
36 0000	35.35		79 0000	35.34		122.000	35.36	
37 0000	35.35		80.0000	35.34		123 000	35 35	
38 0000	35.36		81 0000	35.34		124 000	35.35	
39 0000	35.35		82.0000	35.34		125 000	35 35	
40 0000	35.36		83 0000	35.34		126.000	35.36	
41 0000	35.35		84 0000	35.34		127 000	35.36	
42.0000	35.36		85 0000	35.34		128.000	35.36	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
129 000	35.36		191.000	35.28		253.000	35.23	
130.000	35.38		192.000	35.29		254 000	35.23	
131 000	35.37		193.000	35.29		255 000	35.22	
132.000	35.38		194.000	35.29		256.000	35.23	
133 000	35.37		195 000	35.28		257 000	35.23	
134.000	35.38		196.000	35.29		258.000	35.24	
135 000	35.38		197 000	35.29		259 000	35.24	
136.000	35.30		198.000	35.29		260.000	35.24	
137 000	35.36	35 45	199 000	35.28		261 000	35.23	
138.000	35.37		200.000	35.28		262.000	35.23	
139 000	35.36		201 000	35.30		263 000	35.23	
140.000	35.36		202.000	35.29		264.000	35.24	
141 000	35.37		203.000	35.28		265 000	35.23	
142.000	35.36		204.000	35.28		266.000	35.23	
143.000	35.37		205.000	35.29		267 000	35.24	
144 000	35.36		206.000	35.28		268.000	35.24	
145 000	35.37		207 000	35.29		269 000	35.23	
146.000	35.38		208.000	35.28		270.000	35.25	
147 000	35.37		209 000	35.29		271 000	35.24	
148.000	35.39		210.000	35.27		272.000	35.23	
149 000	35.38		211 000	35.28		273 000	35.24	
150.000	35.38		212.000	35.28		274.000	35.23	
151 000	35.38		213 000	35.29		275 000	35.23	
152.000	35.36		214.000	35.29		276.000	35.24	
153 000	35.34		215.000	35.28		277 000	35.24	
154 000	35.33		216.000	35.28		278.000	35.23	
155 000	35.33		217 000	35.27		279 000	35.24	
156.000	35.31		218.000	35.27		280.000	35.24	
157 000	35.31		219 000	35.26		281 000	35.24	
158.000	35.31		220.000	35.27		282.000	35.24	
159 000	35.30		221 000	35.26		283 000	35.24	
160.000	35.30		222.000	35.24		284.000	35.24	
161 000	35.31		223.000	35.23		285 000	35.25	
162.000	35.30		224.000	35.23		286.000	35.24	
163.000	35.30		225.000	35.22		287 000	35.24	
164 000	35.30		226.000	35.21		288.000	35.26	
165 000	35.29		227 000	35.20		289 000	35.25	
166.000	35.29		228.000	35.20		290.000	35.25	
167 000	35.29		229 000	35 19		291 000	35.24	
168.000	35.29		230.000	35 18		292.000	35.24	
169 000	35.30		231 000	35 17		293.000	35.24	
170.000	35.29		232.000	35 18		294.000	35.24	
171 000	35.29		233.000	35 16		295 000	35.24	
172.000	35.29		234.000	35 16		296.000	35.24	
173 000	35.28		235 000	35 16		297 000	35.24	
174 000	35.30		236.000	35 15		298.000	35.24	
175 000	35.28		237 000	35 13		299 000	35.24	
176.000	35.28		238.000	35 16		300.000	35.24	
177 000	35.29		239 000	35 19		301 000	35.23	
178.000	35.28		240.000	35 19		302.000	35.23	
179 000	35.28		241 000	35.21		303 000	35.24	
180.000	35.30		242.000	35.22		304.000	35.24	
181 000	35.29		243.000	35.21		305 000	35.24	
182.000	35.30		244.000	35.21		306.000	35.23	
183 000	35.29		245 000	35.22		307 000	35.24	
184 000	35.30		246.000	35.22		308.000	35 23	
185 000	35.30		247 000	35.22		309 000	35.23	
186.000	35.29		248.000	35.22		310.000	35.24	
187 000	35.28		249 000	35.23		311 000	35.23	
188.000	35.29		250.000	35.23		312.000	35.24	
189 000	35.30		251 000	35.24		313 000	35.24	
190.000	35.28		252.000	35.23		314 000	35.24	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
315 000	35.23		377 000	35.20		439 000	35.21	
316.000	35.24		378.000	35.21		440.000	35.22	
317 000	35.24		379 000	35.20		441.000	35.21	
318.000	35.24		380.000	35.20		442.000	35.22	
319 000	35.24		381 000	35.21		443.000	35.21	
320.000	35.24		382.000	35.21		444.000	35.21	
321 000	35.24		383.000	35.21		445 000	35.21	
322.000	35.24		384.000	35.21		446.000	35.21	
323.000	35.22		385.000	35.20		447.000	35.21	
324.000	35.24		386.000	35.20		448.000	35.22	
325.000	35.23		387 000	35.20		449 000	35.21	
326.000	35.24		388.000	35.20		450.000	35.22	
327 000	35.23		389 000	35.20		451 000	35.21	
328.000	35.23		390.000	35.20		452.000	35.21	
329 000	35.24		391 000	35.20		453.000	35.21	
330.000	35.24		392.000	35.20		454.000	35.22	
331 000	35.23		393.000	35.20		455.000	35.21	
332.000	35.23		394.000	35 19		456.000	35.21	
333 000	35.24		395.000	35.20		457.000	35.21	
334.000	35.23		396.000	35.21		458.000	35.21	
335 000	35.23		397 000	35 19		459 000	35.21	
336.000	35.23		398.000	35.21		460.000	35.21	
337 000	35.22		399 000	35 19		461 000	35.22	
338.000	35.23		400.000	35.20		462.000	35.21	
339 000	35.23		401 000	35.22		463.000	35.20	
340.000	35.24		402.000	35.20		464.000	35.21	
341 000	35.23		403.000	35.22		465 000	35.21	
342.000	35.22		404.000	35.20		466.000	35.22	
343.000	35.22		405.000	35 19		467 000	35.22	
344.000	35.21		406.000	35.20		468.000	35.22	
345 000	35.21		407 000	35.20		469 000	35.21	
346.000	35.22		408.000	35.20		470.000	35.21	
347 000	35.22		409 000	35 19		471 000	35.22	
348.000	35.23		410.000	35.20		472.000	35.21	
349 000	35.22		411 000	35 19		473.000	35.20	
350.000	35.22		412.000	35.20		474.000	35.21	
351 000	35.22		413.000	35 19		475 000	35.21	
352.000	35.23		414.000	35 19	35.28	476.000	35.20	
353 000	35.21		415.000	35 19		477 000	35.20	
354.000	35.20		416.000	35.21		478.000	35.21	
355 000	35.21		417 000	35 19		479 000	35.20	
356.000	35.21		418.000	35.21		480.000	35.22	
357 000	35.22		419 000	35 18		481 000	35.20	
358.000	35.21		420.000	35 17		482.000	35 19	
359 000	35.21		421 000	35 18		483.000	35.21	
360.000	35.21		422.000	35 19		484.000	35.20	
361 000	35.22		423.000	35 19		485.000	35.21	
362.000	35.22		424.000	35.20		486.000	35.21	
363 000	35.22		425 000	35.20		487 000	35.20	
364.000	35.21		426.000	35.21		488.000	35.20	
365 000	35.21		427 000	35.21		489 000	35.20	
366.000	35.21		428.000	35.22		490.000	35.22	
367 000	35.20		429 000	35.21		491 000	35.21	
368.000	35.21		430.000	35.21		492.000	35.21	
369 000	35.20		431 000	35.21		493 000	35.21	
370.000	35.21		432.000	35.21		494 000	35.20	
371 000	35.21		433.000	35.20		495.000	35.21	
372.000	35.21		434.000	35.20		496.000	35.20	
373 000	35.20		435.000	35.21		497 000	35 21	
374 000	35.21		436.000	35.21		498.000	35.20	
375 000	35.20		437 000	35.21		499 000	35.20	
376.000	35.21		438.000	35.20		500.000	35.21	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
501 000	35.21		563.000	35 17		625 000	35 14	
502.000	35.20		564.000	35 18		626.000	35 16	
503 000	35.20		565.000	35 18		627 000	35 16	
504.000	35.20		566.000	35 18		628.000	35 16	
505.000	35.22		567 000	35 19		629 000	35 17	
506.000	35.21		568.000	35 18		630.000	35 17	
507 000	35.21		569 000	35 17		631 000	35 19	
508.000	35.21		570.000	35 17		632.000	35 19	
509 000	35.20		571 000	35 17		633.000	35 19	
510.000	35 19		572.000	35 16		634.000	35 19	
511 000	35.20	35.28	573.000	35 17		635.000	35 19	
512.000	35.20		574.000	35 18		636.000	35 19	
513 000	35.20		575.000	35 17		637.000	35 19	
514.000	35.21		576.000	35 18		638.000	35 19	
515 000	35.20		577 000	35 17		639 000	35.20	
516.000	35.20		578.000	35 18		640.000	35 19	
517 000	35 18		579 000	35 18		641 000	35.20	
518.000	35.20		580.000	35 17		642.000	35.20	
519 000	35.04		581 000	35 17		643.000	35 19	
520.000	35.09		582.000	35 17		644.000	35 19	
521 000	35 13		583.000	35 18		645.000	35 19	
522.000	35 16		584.000	35 17		646.000	35.20	
523.000	35 17		585 000	35 17		647 000	35 19	
524 000	35 17		586.000	35 17		648.000	35.20	
525 000	35 17		587 000	35 16		649 000	35.20	
526.000	35 17		588.000	35 16		650.000	35 19	
527 000	35 18		589 000	35 16		651 000	35 19	
528.000	35 18		590.000	35 16		652.000	35 19	
529 000	35 17		591 000	35 17		653.000	35.20	
530.000	35 18		592.000	35 17		654.000	35 19	
531 000	35 18		593 000	35 16		655 000	35 19	
532.000	35 18		594.000	35 17		656.000	35 19	
533 000	35 18		595.000	35 16		657 000	35.20	
534.000	35 19		596.000	35 16		658.000	35 19	
535 000	35 17		597 000	35 16		659 000	35 19	
536.000	35 18		598.000	35 17		660.000	35 19	
537 000	35 17		599 000	35 16		661 000	35 19	
538.000	35 17		600.000	35 16		662.000	35 19	
539 000	35 18		601 000	35 16		663 000	35 19	
540.000	35 18		602.000	35 16		664.000	35 19	
541 000	35 17		603.000	35 16		665.000	35 19	
542.000	35 18		604.000	35 15		666.000	35 19	
543 000	35 17		605.000	35 16		667 000	35.20	
544.000	35 18		606.000	35 16		668.000	35.20	
545 000	35 18		607 000	35 16		669 000	35.20	
546.000	35 17		608.000	35 16		670.000	35 19	
547 000	35 17		609 000	35 16		671 000	35 19	
548.000	35 17		610.000	35 16		672.000	35.20	
549 000	35 18		611 000	35 16		673 000	35.21	
550.000	35 18		612.000	35 16		674.000	35.20	
551 000	35 17		613 000	35 16		675 000	35.20	
552.000	35 18		614 000	35 16		676.000	35.20	
553.000	35 18		615 000	35 16		677 000	35.20	
554 000	35 18		616.000	35 16		678.000	35.20	
555 000	35 18		617 000	35 17		679 000	35.20	
556.000	35 18		618.000	35 16		680.000	35.20	
557 000	35 17		619 000	35 16		681 000	35.20	
558.000	35 18		620.000	35 15		682.000	35.20	
559 000	35 18		621 000	35 16		683 000	35.20	
560.000	35 18		622.000	35 15		684.000	35.20	
561 000	35 18		623.000	35 15		685 000	35.21	
562.000	35 18		624.000	35 17		686.000	35 19	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
687 000	35.20	35.30	749 000	35.30		811.000	35.33	
688.000	35.21		750.000	35.30		812.000	35.33	
689 000	35.21		751 000	35.30		813.000	35.32	
690.000	35.21		752.000	35.30		814.000	35.33	
691 000	35.21		753 000	35.29		815.000	35.33	
692.000	35.21		754.000	35.30		816.000	35.32	
693.000	35.20		755 000	35.30		817 000	35.32	
694.000	35.21		756.000	35.30		818.000	35.33	
695 000	35.21		757 000	35.30		819 000	35.33	
696.000	35.21		758.000	35.30		820.000	35.32	
697 000	35.21		759 000	35.31		821 000	35.33	
698.000	35.22		760.000	35.30		822.000	35.33	
699 000	35.22		761 000	35.30		823.000	35.32	
700.000	35.21		762.000	35.29		824.000	35.32	
701 000	35.22		763.000	35.30		825.000	35.33	
702.000	35.21		764.000	35.30		826.000	35.32	
703.000	35.22		765.000	35.30		827.000	35.33	
704.000	35.22		766.000	35.30		828.000	35.32	
705.000	35.22		767 000	35.30		829 000	35.31	
706.000	35.24		768.000	35.30		830.000	35.33	
707 000	35.25		769 000	35.31		831 000	35.33	
708.000	35.25		770.000	35.31		832.000	35.34	
709 000	35.25		771 000	35.30		833.000	35.34	
710.000	35.27		772.000	35.31		834.000	35.33	
711 000	35.26		773.000	35.31		835 000	35.33	
712.000	35.27		774.000	35.31		836.000	35.34	
713 000	35.28		775 000	35.31		837 000	35.34	
714.000	35.27		776.000	35.31		838.000	35.33	
715 000	35.28		777 000	35.31		839 000	35.33	
716.000	35.29		778.000	35.30		840.000	35.34	
717 000	35.28		779 000	35.30		841 000	34 98	
718.000	35.29		780.000	35.31		842.000	35 12	
719 000	35.29		781 000	35.31		843.000	34.21	
720.000	35.29		782.000	35.31		844.000	34 90	
721 000	35.29		783.000	35.31		845.000	35 14	
722.000	35.28		784.000	35.31		846.000	35.32	
723 000	35.29		785 000	35.31		847 000	35.35	
724 000	35.30		786.000	35.31		848.000	35 40	
725 000	35.29		787 000	35.32		849 000	35 43	
726.000	35.29		788.000	35.31		850.000	35 45	
727 000	35.29		789 000	35.31		851 000	35 45	
728.000	35.29		790.000	35.31		852.000	35 45	
729 000	35.29		791 000	35.32		853 000	35 46	
730.000	35.29		792.000	35.32		854.000	35 47	
731 000	35.30		793 000	35.33		855 000	35 44	
732.000	35.30		794.000	35.32		856.000	35 44	
733.000	35.30		795 000	35.32		857 000	35 44	
734.000	35.29		796.000	35.33		858.000	35 42	
735 000	35.30		797 000	35.32		859 000	35 42	
736.000	35.30		798.000	35.32		860.000	35 41	
737 000	35.30		799 000	35.32		861 000	35 41	
738.000	35.30		800.000	35.32		862.000	35 40	
739 000	35.30		801 000	35.33		863.000	35 41	
740.000	35.31		802.000	35.33		864.000	35 41	
741 000	35.30		803 000	35.32		865 000	35 40	
742.000	35.30		804.000	35.32		866.000	35.39	
743 000	35.31		805 000	35.33		867 000	35 38	
744 000	35.30		806.000	35.33		868.000	35.37	
745 000	35.31		807 000	35.32		869 000	35.37	
746.000	35.30		808.000	35.33		870.000	35.37	
747 000	35.30		809 000	35.32		871 000	35.37	
748.000	35.30		810.000	35.33		872.000	35.36	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
873 000	35.36		935.000	35 16		997 000	35 11	
874 000	35.34		936.000	35 16		998.000	35.09	
875 000	35.34		937 000	35 16		999.000	35 10	
876.000	35.33		938.000	35 17		1000.00	35 09	
877 000	35.32		939 000	35 17		1001 00	35 09	
878.000	35.33		940.000	35 16		1002.00	35 09	
879 000	35.32		941 000	35 16		1003.00	35 10	
880.000	35.32		942.000	35 15		1004.00	35 10	
881 000	35.31		943.000	35 15		1005.00	35.09	
882.000	35.31		944.000	35 15		1006.00	35.09	
883 000	35.31		945.000	35 13		1007.00	35 10	
884.000	35.31		946.000	35 14		1008.00	35 10	
885 000	35.30		947 000	35 14		1009.00	35 07	
886.000	35.30		948.000	35 14		1010.00	35 07	
887 000	35.30		949 000	35 13		1011.00	35 11	
888.000	35.29		950.000	35 13		1012.00	35 13	
889 000	35.30		951 000	35 14		1013.00	35 14	
890.000	35.30		952.000	35 13		1014.00	35 16	
891 000	35.30		953 000	35 13		1015 00	35 16	
892.000	35.29		954.000	35 13		1016.00	35 16	
893.000	35.27		955 000	35 13		1017 00	35 17	
894.000	35.29		956.000	35 12		1018.00	35 18	
895 000	35.28		957 000	35 12		1019 00	35 19	
896.000	35.27		958.000	35 13		1020.00	35 18	
897 000	35.27		959 000	35 12		1021.00	35 18	
898.000	35.28		960.000	35 13		1022.00	35 18	
899 000	35.28		961 000	35 13		1023 00	35 18	
900.000	35.28		962.000	35 12		1024.00	35 19	
901 000	35.26	35.59	963.000	35 12		1025.00	35 19	
902.000	35.28		964.000	35 13		1026.00	35 19	
903 000	35.27		965.000	35 13		1027.00	35 18	
904.000	35.28		966.000	35 12		1028.00	35 19	
905 000	35.28		967 000	35 13		1029 00	35 19	
906.000	35.28		968.000	35 12		1030.00	35 19	
907 000	35.29		969 000	35 12		1031.00	35.20	
908.000	35.28		970.000	35 12		1032.00	35 18	
909 000	35.26		971 000	35 12		1033 00	35 17	
910.000	35.26		972.000	35 11		1034 00	35 14	
911 000	35.24		973 000	35 11		1035 00	35 14	
912.000	35.23		974.000	35 11		1036.00	35 13	
913 000	35.22		975 000	35 13		1037 00	35 13	
914 000	35.21		976.000	35 11		1038 00	35 11	
915 000	35.22		977 000	35 12		1039 00	35 12	
916.000	35.21		978.000	35 11		1040.00	35 12	
917 000	35.20		979 000	35 11		1041.00	35 12	
918.000	35.20		980.000	35 10		1042.00	35 11	
919 000	35.20		981 000	35 11		1043.00	35 10	
920.000	35.20		982.000	35 10		1044 00	35 10	
921 000	35 19		983 000	35 11		1045 00	35 10	
922.000	35 19		984.000	35 11		1046.00	35 09	
923 000	35 18		985 000	35 10		1047.00	35 11	
924.000	35 18		986.000	35 10		1048 00	35 10	
925 000	35 18		987 000	35 10		1049 00	35 11	
926.000	35 18		988.000	35 11		1050.00	35 10	
927 000	35 18		989 000	35 10		1051 00	35 10	
928.000	35 17		990.000	35 10		1052.00	35 10	
929 000	35 17		991 000	35 11		1053 00	35 09	
930.000	35 17		992.000	35 11		1054 00	35 09	
931 000	35 18		993 000	35 09		1055 00	35 10	
932.000	35 17		994.000	35 11		1056.00	35 09	
933 000	35 16		995 000	35 09		1057 00	35 10	
934 000	35 17		996.000	35 10		1058 00	35 09	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1059.00	35 10		1121.00	35.08		1183.00	35 16	
1060.00	35.09		1122.00	34 98		1184.00	35 14	
1061 00	35.09		1123.00	35.02		1185.00	35 14	
1062.00	35 10		1124.00	35.05		1186.00	35 14	
1063 00	35 09		1125.00	35 07		1187.00	35 12	
1064 00	35.08		1126.00	35 05		1188.00	35 12	
1065 00	35.09		1127.00	35 07		1189.00	35 12	
1066.00	35.09		1128.00	35 06		1190.00	35 12	
1067.00	35.09		1129.00	35.07		1191.00	35 11	
1068.00	35.08		1130.00	35.08		1192.00	35 12	
1069 00	35.08		1131.00	35 06		1193 00	35 11	
1070 00	35.07		1132.00	35.07		1194.00	35 10	
1071 00	35.07		1133.00	35 07		1195.00	35 11	
1072.00	35.09		1134.00	35.08		1196.00	35 12	
1073 00	35.08		1135.00	35.09		1197.00	35 11	
1074.00	35.09		1136.00	35.08		1198.00	35 10	
1075.00	35.07		1137.00	35.08		1199.00	35 11	
1076.00	35.08		1138.00	35.09		1200.00	35 10	
1077.00	35.07		1139.00	35.08		1201.00	35 11	
1078 00	35 08		1140.00	35.09		1202.00	35 09	
1079 00	35 08		1141.00	35 09		1203.00	35 11	
1080 00	35 08		1142.00	35 09		1204 00	35 10	
1081 00	35 08		1143 00	35 08		1205.00	35 10	
1082.00	35.08		1144.00	35 09		1206.00	35 10	
1083 00	35.07		1145.00	35.08		1207.00	35 10	
1084 00	35.08		1146.00	35 10		1208.00	35.09	
1085.00	35.07		1147.00	35 08		1209 00	35 10	
1086.00	35.07		1148.00	35 09		1210.00	35 10	
1087 00	35.08		1149 00	35 08		1211.00	35 09	
1088.00	35.07		1150.00	35 08		1212.00	35 10	
1089.00	35.08		1151.00	35.08		1213.00	35.09	
1090.00	35.08		1152.00	35 10		1214 00	35 10	
1091 00	35.07		1153.00	35 09		1215.00	35.08	
1092.00	35.09		1154.00	35.08		1216.00	35 10	
1093 00	35 06		1155.00	35.09		1217.00	35.08	
1094 00	35 07		1156.00	35 08		1218.00	35 09	
1095 00	35.07		1157.00	35 09	35.36	1219 00	35 08	
1096.00	35 07		1158 00	35 09		1220.00	35 07	
1097 00	35 06		1159.00	35 11		1221 00	35 09	
1098 00	35 06		1160.00	35 12		1222.00	35.08	
1099 00	35 07		1161.00	35 12		1223 00	35 08	
1100 00	35 06		1162.00	35 12		1224 00	35 09	
1101 00	35 06		1163.00	35 09		1225 00	35 08	
1102.00	35 06		1164 00	35 12		1226.00	35 09	
1103 00	35 06		1165.00	35 15		1227 00	35 08	
1104 00	35 06		1166.00	35 15		1228 00	35 08	
1105.00	35.06		1167.00	35 17		1229 00	35 08	
1106.00	35 06		1168.00	35 17		1230.00	35.08	
1107 00	35.06		1169 00	35 17		1231 00	35 09	
1108 00	35 05		1170.00	35 19		1232.00	35 08	
1109 00	35 06		1171 00	35 19		1233 00	35 08	
1110 00	35 06		1172.00	35 19		1234 00	35 08	
1111 00	35 06		1173 00	35 19		1235 00	35 09	
1112.00	35 06		1174 00	35 19		1236.00	35 09	
1113 00	35.06		1175.00	35 19		1237 00	35 09	
1114 00	35 06		1176.00	35.20		1238 00	35 08	
1115 00	35 05		1177 00	35.21		1239 00	35 08	
1116.00	35 06		1178 00	35.20		1240 00	35 08	
1117 00	35 05		1179 00	35 19		1241 00	35 07	
1118 00	35 06		1180.00	35.22		1242.00	35 08	
1119 00	35 06		1181 00	35.22		1243 00	35 08	
1120 00	35 06		1182.00	35.20		1244 00	35 09	

Elapsed Time	Value	Hand Meas.
1245 00	35 09	
1246.00	35.09	
1247.00	35.08	
1248.00	35 09	
1249 00	35 09	
1250.00	35 10	
1251.00	35.09	
1252.00	35.09	
1253.00	35 10	
1254.00	35.09	
1255 00	35.09	
1256.00	35.09	
1257.00	35.08	
1258.00	35 10	
1259.00	35.09	
1260.00	35.08	
1261.00	35.09	
1262.00	35 10	
1263.00	35 10	
1264.00	35.09	
1265.00	35 10	
1266.00	35.09	
1267.00	35.09	
1268.00	35 10	
1269.00	35 10	
1270.00	35 11	
1271.00	35.09	
1272.00	35 10	
1273.00	35 10	
1274 00	35 13	
1275 00	35 15	
1276.00	35 16	
1277 00	35 17	
1278 00	35 16	
1279 00	35 19	
1280 00	35 19	
1281 00	35 19	
1282.00	35 18	
1283.00	35 19	
1284 00	35 19	
1285.00	35 19	
1286.00	35.20	
1287 00	35.20	
1288.00	35.20	
1289 00	35.21	
1290 00	35.21	
1291 00	35.22	
1292.00	35.20	
1293 00	35.21	
1294 00	35.21	
1295 00	35.22	
1296.00	35.22	
1297 00	35.23	
1298.00	35.22	
1299.00	35.23	
1300 00	35.22	
1301 00	35.22	
1302.00	35.21	
1303 00	35 19	
1304 00	35 18	
1305 00	35 19	35 41
1306.00	35 18	

Elapsed Time	Value	Hand Meas
1307.00	35 18	
1308 00	35 18	
1309 00	35 17	
1310.00	35 17	
1311 00	35 17	
1312.00	35 17	
1313 00	35 18	
1314.00	35 16	
1315.00	35 16	
1316.00	35 17	
1317 00	35 16	
1318.00	35 16	
1319.00	35 15	
1320.00	35 16	
1321.00	35 17	
1322.00	35 16	
1323 00	35 17	
1324.00	35 17	
1325 00	35 15	
1326.00	35 15	
1327.00	35 17	
1328.00	35 07	
1329.00	35 10	
1330.00	35 13	
1331.00	35 17	
1332.00	35.20	
1333.00	35.21	
1334.00	35.23	
1335.00	35.23	
1336.00	35.23	
1337.00	35.24	
1338.00	35.25	
1339 00	35.25	
1340.00	35.25	
1341.00	35.25	
1342.00	35.26	
1343.00	35.27	
1344 00	35.27	
1345.00	35.27	
1346.00	35.26	
1347.00	35.27	
1348.00	35.27	
1349.00	35.29	
1350.00	35.27	
1351 00	35.27	
1352.00	35.27	
1353.00	35.28	
1354.00	35.28	
1355.00	35.28	
1356.00	35.28	
1357 00	35.28	
1358 00	35.29	
1359 00	35.28	
1360.00	35.28	
1361.00	35.28	
1362.00	35.28	
1363 00	35.26	
1364.00	35.23	
1365 00	35.21	
1366.00	35.21	
1367 00	35.21	
1368.00	35.20	

Elapsed Time	Value	Hand Meas
1369.00	35 19	
1370.00	35 19	
1371.00	35 19	
1372.00	35 18	
1373 00	35 18	
1374 00	35 17	
1375 00	35 18	
1376.00	35 17	
1377.00	35 17	
1378.00	35 18	
1379.00	35 19	
1380.00	35 17	
1381.00	35 16	
1382.00	35 17	
1383.00	35 17	
1384.00	35 16	
1385.00	35 16	
1386.00	35 17	
1387.00	35 16	
1388.00	35 17	
1389 00	35 16	
1390 00	35 16	
1391 00	35 17	
1392.00	35 17	
1393.00	35 17	
1394.00	35 17	
1395.00	35 16	
1396.00	35 17	
1397 00	35 16	
1398.00	35 16	
1399.00	35 16	
1400.00	35 16	
1401 00	35 16	
1402.00	35 15	
1403 00	35 16	
1404 00	35 16	
1405 00	35 16	
1406.00	35 14	

Well 20991 File 09
SE1000B
Environmental Logger
05/04 15 35

Unit# 00000 Test# 0

INPUT 1 Level (F) TOC

Reference 35.37
Scale factor 10 05
Offset 0 02

Step# 0 05/03 05 58

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	35.36	35.37	43.0000	35 46		86.0000	35 42	
1 0000	35 36		44.0000	35 47		87.0000	35 43	
2.0000	35 36		45.0000	35 47		88.0000	35 42	
3 0000	35.35		46.0000	35 47		89 0000	35 41	
4 0000	35 36		47.0000	35 47		90.0000	35 41	
5 0000	35.36		48.0000	35 47		91 0000	35 42	
6.0000	35.36		49.0000	35 48		92.0000	35 42	
7 0000	35 35		50.0000	35 48		93 0000	35 41	
8 0000	35 36		51.0000	35 48		94 0000	35 41	
9 0000	35 35		52.0000	35 47		95.0000	35 41	
10 0000	35.36		53.0000	35 47		96.0000	35 41	
11 0000	35.35		54.0000	35 49		97.0000	35 41	
12.0000	35.35		55.0000	35 47		98.0000	35 41	
13 0000	35.35		56.0000	35 49		99.0000	35 40	
14 0000	35.36		57.0000	35 49		100.000	35 41	
15 0000	35.36		58 0000	35.50		101 000	35 43	
16 0000	35.36		59 0000	35.50		102.000	35 44	
17 0000	35.35		60 0000	35 48		103 000	35 44	
18 0000	35.36		61.0000	35.50		104 000	35 44	
19 0000	35.35		62.0000	35 49		105 000	35 43	
20 0000	35.36		63.0000	35 49		106.000	35 43	
21 0000	35.35		64.0000	35 46		107 000	35 43	
22.0000	35.35		65.0000	35 46		108.000	35 42	
23 0000	35.35		66.0000	35 44		109 000	35 43	
24 0000	35.36		67 0000	35 45		110.000	35 43	
25 0000	35.35		68.0000	35 44		111 000	35 43	
26.0000	35.35		69.0000	35 44		112.000	35 44	
27 0000	35.36		70.0000	35 43		113 000	35 44	35 42
28 0000	35.35		71.0000	35 43		114 000	35 43	
29 0000	35.36		72.0000	35 42		115 000	35 46	
30 0000	35.35		73.0000	35 42		116.000	35 45	
31 0000	35.38		74 0000	35 42		117 000	35 43	
32.0000	35.39		75 0000	35 42		118.000	35 44	
33 0000	35 42		76.0000	35 42		119 000	35 44	
34 0000	35 42		77.0000	35 41		120.000	35 44	
35 0000	35 43		78 0000	35 42		121 000	35 44	
36 0000	35 43		79 0000	35 42		122.000	35 43	
37 0000	35 43		80 0000	35 42		123 000	35 44	
38 0000	35 45		81.0000	35 41		124 000	35 45	
39 0000	35 45		82.0000	35 41		125 000	35 45	
40 0000	35 45		83.0000	35 42		126.000	35 47	
41 0000	35 45		84 0000	35 42		127 000	35 45	
42.0000	35 47		85 0000	35 41		128 000	35 45	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
129 000	35 45		191 000	35 43		253.000	35 45	
130.000	35 46		192.000	35 42		254.000	35 43	
131 000	35 46		193.000	35 42		255 000	35 44	
132.000	35 46		194.000	35 42		256.000	35 43	
133 000	35 45		195.000	35 42		257 000	35 44	
134.000	35 46		196.000	35 42		258.000	35 43	
135 000	35 45		197 000	35 42		259 000	35 43	
136.000	35 44		198.000	35 41		260.000	35 43	
137 000	35 45		199 000	35 43		261 000	35 43	
138.000	35 46		200.000	35 43		262.000	35 42	
139 000	35 46		201 000	35 42		263.000	35 43	
140.000	35 45		202.000	35 42		264.000	35 43	
141 000	35 45		203.000	35 43		265.000	35.30	
142.000	35 46		204.000	35 43		266.000	35 43	
143 000	35 46		205 000	35 42		267 000	35 42	
144.000	35 45		206.000	35 43		268.000	35 43	
145 000	35 45		207 000	35 42		269 000	35 43	
146.000	35 45		208.000	35 42		270.000	35 42	
147 000	35 44		209 000	35 42		271 000	35 42	
148.000	35 46		210.000	35 42		272.000	35 42	
149 000	35 45		211 000	35 43		273 000	35 43	
150.000	35 45		212.000	35 41		274 000	35 41	
151 000	35 45		213.000	35 42		275 000	35 40	
152.000	35 44		214.000	35 42		276.000	35 40	
153 000	35 45		215.000	35 42		277 000	35 40	
154 000	35 45		216.000	35 43		278.000	35 42	
155 000	35 44		217 000	35 43		279 000	35 41	
156.000	35 44		218.000	35 43		280.000	35 43	
157 000	35 45		219 000	35 43		281 000	35 43	
158.000	35 44		220.000	35 43		282.000	35 44	
159 000	35 45		221 000	35 43		283 000	35 44	
160.000	35 44		222.000	35 43		284.000	35 42	
161 000	35 44		223.000	35 43		285.000	35 46	35 40
162.000	35 44		224.000	35 43		286.000	35 44	
163 000	35 44		225.000	35 43		287 000	35 45	
164.000	35 44		226.000	35 43		288.000	35 44	
165 000	35 44		227 000	35 43		289 000	35 44	
166.000	35 45		228.000	35 43		290.000	35 44	
167 000	35 45		229 000	35 43		291 000	35 44	
168.000	35 44		230.000	35 43		292.000	35 43	
169 000	35 44		231 000	35 43		293 000	35 44	
170.000	35 45		232.000	35 43		294 000	35 46	
171 000	35 45		233 000	35 42		295 000	35 43	
172.000	35 44		234.000	35 43		296.000	35 43	
173 000	35 44		235.000	35 44		297 000	35 41	
174 000	35 44		236.000	35 43		298.000	35 41	
175 000	35 44		237 000	35 43		299 000	35 41	
176.000	35 44		238.000	35 43		300.000	35 40	
177 000	35 44		239 000	35 43		301 000	35 41	
178.000	35 44		240.000	35 42		302.000	35.39	
179 000	35 44		241 000	35 43		303 000	35 40	
180.000	35 44		242.000	35 43		304.000	35 40	
181 000	35 44		243.000	35 43		305 000	35.39	
182.000	35 44		244.000	35 44		306.000	35.38	
183 000	35 43		245 000	35 43		307 000	35.38	
184 000	35 43		246.000	35 43		308.000	35.38	
185 000	35 43		247 000	35 43		309 000	35.39	
186.000	35 44		248.000	35 42		310.000	35.37	
187 000	35 43		249 000	35 43		311 000	35.38	
188.000	35 43		250.000	35 44		312.000	35.38	
189 000	35 42		251 000	35 42		313 000	35.37	
190.000	35 42		252.000	35 43		314 000	35.38	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
315 000	35.38		377 000	35.37		439 000	35 41	
316.000	35.39		378.000	35.36		440.000	35 41	35.37
317 000	35.38		379 000	35.36		441 000	35 42	
318.000	35.38		380.000	35.36		442.000	35.43	
319 000	35.38		381 000	35.35		443.000	35 41	
320.000	35.38		382.000	35.36		444.000	35 40	
321 000	35.38		383.000	35.36		445.000	35 42	
322.000	35.38		384.000	35.37		446.000	35.39	
323 000	35.38		385.000	35.38		447 000	35 40	
324.000	35.38		386.000	35.39		448.000	35 41	
325 000	35.37		387.000	35 40		449.000	35.39	
326.000	35.38		388.000	35 40		450.000	35.39	
327 000	35.38		389.000	35 41		451 000	35 40	
328.000	35.38		390.000	35 42		452.000	35 40	
329 000	35.37		391 000	35 41		453.000	35.39	
330.000	35.38		392.000	35 42		454.000	35 40	
331 000	35.37		393.000	35 42		455.000	35.39	
332.000	35.37		394.000	35 42		456.000	35 40	
333.000	35.37		395.000	35.42		457 000	35 41	
334.000	35.37		396.000	35 42		458.000	35 41	
335 000	35.37		397 000	35.41		459 000	35 41	
336.000	35.36		398.000	35 42		460.000	35.39	
337 000	35.37		399 000	35 42		461 000	35.39	
338.000	35.37		400.000	35 41		462.000	35.38	
339 000	35.37		401 000	35 42		463.000	35.38	
340.000	35.37		402.000	35 42		464.000	35.36	
341 000	35.37		403.000	35 42		465.000	35.36	
342.000	35.37		404.000	35 41		466.000	35.37	
343.000	35.38		405.000	35 43		467 000	35.38	
344.000	35.39		406.000	35 42		468.000	35.37	
345 000	35.37		407 000	35 43		469 000	35.39	
346.000	35.37		408.000	35 41		470.000	35.39	
347 000	35.37		409 000	35 42		471 000	35.38	
348.000	35.37		410.000	35 43		472.000	35.37	
349 000	35.39		411 000	35 43		473.000	35.38	
350.000	35.37		412.000	35 42		474.000	35.38	
351 000	35.37		413.000	35 43		475 000	35.38	
352.000	35.37		414.000	35 42		476.000	35.37	
353 000	35.36		415.000	35 42		477 000	35.37	
354.000	35.37		416.000	35 41		478.000	35.37	
355 000	35.37		417 000	35 42		479 000	35.37	
356.000	35.37		418.000	35 42		480.000	35.38	
357 000	35.36		419 000	35 41		481 000	35.38	
358.000	35.37		420.000	35 42		482.000	35.38	
359 000	35.37		421 000	35 41		483.000	35.22	
360.000	35.37		422.000	35 41		484.000	35 17	
361 000	35.37		423.000	35 42		485 000	35.23	
362.000	35.37		424.000	35 42		486.000	35.25	
363 000	35.37		425.000	35 42		487 000	35.30	
364.000	35.37		426.000	35 41		488.000	35.32	
365 000	35.36		427 000	35 41		489 000	35.31	
366.000	35.36		428.000	35 40		490.000	35.33	
367 000	35.37		429 000	35 40		491 000	35.35	
368.000	35.37		430.000	35 41		492.000	35.35	
369 000	35.36		431.000	35 41		493 000	35.36	
370.000	35.36		432.000	35 42		494.000	35.36	
371 000	35.36		433 000	35 41		495 000	35.35	
372.000	35.38		434.000	35 41		496.000	35.36	
373 000	35.37		435 000	35 41		497 000	35.37	
374.000	35.37		436.000	35 41		498.000	35.36	
375 000	35.36		437 000	35 43		499 000	35.36	
376.000	35.36		438.000	35 40		500.000	35.38	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas
501 000	35.37		563.000	35.36		625 000	35.34	
502.000	35.37		564.000	35.36		626.000	35.34	
503.000	35.37		565.000	35.36		627 000	35.35	
504.000	35.36		566.000	35.36		628.000	35.34	
505 000	35.37		567 000	35.36		629 000	35.35	
506.000	35.37		568.000	35.36		630.000	35.34	
507 000	35.36		569 000	35.36		631 000	35.34	
508.000	35.37		570.000	35.36		632.000	35.34	
509 000	35.38		571 000	35.37		633 000	35.34	
510.000	35.37		572.000	35.36		634.000	35.34	
511 000	35.37		573.000	35.36		635 000	35.35	
512.000	35.37		574.000	35.35		636.000	35.34	
513.000	35.37		575.000	35.35		637 000	35.35	
514.000	35.38		576.000	35.36		638.000	35.34	
515 000	35.37		577 000	35.36		639 000	35.34	
516.000	35.37		578.000	35.36		640.000	35.33	
517 000	35.38		579 000	35.35		641 000	35.34	
518.000	35.38		580.000	35.36		642.000	35.34	
519 000	35.37		581 000	35.36		643.000	35.34	
520.000	35.37		582.000	35.35		644.000	35.34	
521 000	35.39		583.000	35.35		645 000	35.33	
522.000	35.37		584.000	35.34		646.000	35.35	
523 000	35.37		585 000	35.35		647 000	35.34	
524 000	35.38		586.000	35.34		648.000	35.33	
525 000	35.37		587 000	35.34		649 000	35.34	
526.000	35.37		588.000	35.34		650.000	35.35	
527 000	35.39		589 000	35.35		651 000	35.34	
528.000	35 40		590.000	35.35		652.000	35.34	
529 000	35.36		591 000	35.35		653.000	35.34	
530.000	35.37		592.000	35.35		654.000	35.34	
531 000	35.37		593.000	35.35		655 000	35.34	
532.000	35.37		594.000	35.34		656.000	35.35	
533 000	35.39		595.000	35.35		657 000	35.34	
534.000	35.37		596.000	35.36		658.000	35.35	
535 000	35.38		597 000	35.35		659 000	35.33	
536.000	35.37		598.000	35.36		660.000	35.34	
537 000	35.37		599 000	35.34		661 000	35.34	
538.000	35.37		600.000	35.35		662.000	35.33	
539 000	35.37		601 000	35.34		663.000	35.33	
540.000	35.37		602.000	35.35		664 000	35.35	
541 000	35.36		603 000	35.35		665 000	35.33	
542.000	35.36		604.000	35.35		666.000	35.33	
543 000	35.37		605.000	35.34		667 000	35.33	
544.000	35.37		606.000	35.34		668.000	35.34	
545 000	35.37		607 000	35.34		669 000	35.33	
546.000	35.37		608.000	35.35		670.000	35.34	
547 000	35.37		609 000	35.34		671 000	35.34	
548.000	35.37		610.000	35.34		672.000	35.33	
549 000	35.37		611 000	35.34		673 000	35.34	
550.000	35.37		612.000	35.35		674.000	35.33	
551 000	35.37		613.000	35.35		675.000	35.34	
552.000	35.37		614.000	35.34		676.000	35.34	
553 000	35.37		615.000	35.36		677 000	35.34	
554.000	35.36		616.000	35.35		678.000	35.33	
555 000	35.37		617 000	35.34		679 000	35.34	
556.000	35.37		618.000	35.35		680.000	35.35	
557 000	35.36		619 000	35.35		681 000	35.34	
558.000	35.37		620.000	35.34		682.000	35.34	
559 000	35.36		621 000	35.34		683 000	35.33	
560.000	35.36		622.000	35.34		684.000	35.34	
561 000	35.38		623.000	35.35		685 000	35.32	
562.000	35.37		624.000	35.35		686.000	35.34	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
687 000	35.34		749 000	35.35		811 000	35.37	
688.000	35.34		750.000	35.36		812.000	35.37	
689 000	35.36		751 000	35.36		813.000	35.36	
690.000	35.34		752.000	35.23		814.000	35.37	
691 000	35.35		753.000	35.24		815.000	35.37	
692.000	35.35		754.000	35.28		816.000	35.38	
693.000	35.34		755.000	35.31		817 000	35.37	
694.000	35.33		756.000	35.33		818.000	35.36	
695 000	35.33		757 000	35.34		819 000	35.37	
696.000	35.33		758.000	35.34		820.000	35.37	
697 000	35.35		759 000	35.35		821 000	35.37	
698.000	35.34		760.000	35.35		822.000	35.37	
699 000	35.34		761 000	35.34		823.000	35.36	
700.000	35.35		762.000	35.35		824.000	35.36	35.35
701 000	35.34		763.000	35.35		825.000	35.39	
702.000	35.34		764.000	35.35		826.000	35.39	
703.000	35.33		765.000	35.36		827 000	35.39	
704.000	35.34		766.000	35.36		828.000	35 40	
705 000	35.34		767.000	35.36		829 000	35 40	
706.000	35.34		768.000	35.36		830.000	35.39	
707 000	35.35		769 000	35.36		831 000	35.38	
708.000	35.35		770.000	35.36		832.000	35.39	
709 000	35.35		771 000	35.35		833.000	35 40	
710.000	35.36		772.000	35.36		834.000	35 41	
711 000	35.35		773.000	35.35		835.000	35 40	
712.000	35.34		774.000	35.36		836.000	35 40	
713 000	35.34		775.000	35.36		837.000	35 40	
714.000	35.35		776.000	35.36		838.000	35 40	
715.000	35.34		777 000	35.37		839 000	35 40	
716.000	35.34		778.000	35.37		840.000	35 40	
717 000	35.34		779 000	35.36		841 000	35 40	
718.000	35.35		780.000	35.36		842.000	35.37	
719 000	35.34		781 000	35.37		843 000	35.38	
720.000	35.34		782.000	35.37		844.000	35.39	
721 000	35.35		783.000	35.36		845 000	35.38	
722.000	35.37		784.000	35.37		846.000	35.38	
723 000	35.34		785.000	35.37		847 000	35 40	
724.000	35.35		786.000	35.37		848.000	35.39	
725 000	35.35		787 000	35.37		849 000	35.39	
726.000	35.35		788.000	35.36		850.000	35 40	
727 000	35.36		789 000	35.36		851 000	35 40	
728.000	35.34		790.000	35.37		852.000	35 40	
729 000	35.35		791 000	35.36		853 000	35 40	
730.000	35.35		792.000	35.37		854.000	35 40	
731 000	35.37		793.000	35.36		855 000	35 40	
732.000	35.36		794.000	35.36		856.000	35 40	
733 000	35.36		795.000	35.37		857 000	35 40	
734.000	35.36		796.000	35.37		858.000	35 40	
735 000	35.35		797 000	35.37		859 000	35 40	
736.000	35.34		798.000	35.37		860.000	35 41	
737 000	35.34		799 000	35.36		861 000	35 41	
738.000	35.36		800.000	35.36		862.000	35 41	
739 000	35.35		801 000	35.36		863.000	35 41	
740.000	35.37		802.000	35.37		864.000	35 41	
741 000	35.35		803.000	35.37		865 000	35 41	
742.000	35.35		804.000	35.36		866.000	35 40	
743 000	35.35		805 000	35.36		867 000	35 41	
744 000	35.35		806.000	35.36		868.000	35 40	
745 000	35.37		807 000	35.36		869 000	35 40	
746.000	35.36		808.000	35.36		870.000	35 41	
747 000	35.35		809 000	35.37		871 000	35 40	
748.000	35.34		810.000	35.37		872.000	35 41	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.
873.000	35 41		935.000	35 43		997 000	35 47	
874.000	35 42		936.000	35 43		998.000	35 47	
875 000	35 40		937 000	35 43		999 000	35.48	
876.000	35 41		938.000	35 43		1000.00	35 47	
877 000	35 41		939 000	35 43		1001.00	35 47	
878.000	35 42		940.000	35 44		1002.00	35 47	
879 000	35 41		941 000	35 44		1003.00	35 46	
880.000	35 41		942.000	35 43		1004.00	35 48	
881 000	35 41		943.000	35 43		1005.00	35 47	
882.000	35 42		944.000	35 42		1006.00	35 47	
883.000	35 40		945.000	35 43		1007.00	35 47	
884.000	35.42		946.000	35 43		1008.00	35 48	
885.000	35 41		947 000	35 43		1009.00	35 48	
886.000	35 41		948.000	35 43		1010.00	35 48	
887 000	35 42		949 000	35 43		1011.00	35 48	
888.000	35 41		950.000	35 44		1012.00	35 49	
889 000	35 42		951 000	35 43		1013.00	35 48	
890.000	35 42		952.000	35 44		1014.00	35 48	
891 000	35 42		953.000	35 44		1015.00	35 49	
892.000	35 42		954.000	35 43		1016.00	35 48	
893 000	35 42		955.000	35 43		1017 00	35 48	
894 000	35 42		956.000	35 45		1018 00	35 48	
895 000	35 42		957 000	35 44		1019 00	35 48	
896.000	35 42		958.000	35 43		1020.00	35 48	
897 000	35 42		959 000	35 44		1021.00	35 48	
898.000	35 43		960.000	35 44		1022.00	35 47	
899 000	35 42		961.000	35 44		1023.00	35 49	
900.000	35 41		962.000	35 44		1024.00	35.50	
901 000	35.42		963.000	35 44		1025.00	35 49	
902.000	35 43		964.000	35 44		1026.00	35 48	
903 000	35 43		965 000	35.44		1027.00	35 49	
904.000	35 42		966.000	35 45		1028.00	35 49	
905.000	35 41		967 000	35 44		1029 00	35 47	
906.000	35 42		968.000	35 45		1030.00	35 48	
907 000	35 42		969 000	35 45		1031 00	35 47	
908.000	35 42		970.000	35 44		1032.00	35 47	
909 000	35 42		971 000	35 44		1033 00	35 49	
910.000	35 42		972.000	35 45		1034 00	35 48	
911 000	35 42		973 000	35 44		1035.00	35 48	
912.000	35 41		974.000	35 45		1036.00	35 48	
913 000	35 42		975 000	35 44		1037.00	35 49	
914.000	35 42		976.000	35 44		1038.00	35 48	
915 000	35 42		977 000	35 44		1039 00	35 48	
916.000	35 42		978.000	35 44		1040.00	35 48	
917 000	35 42		979 000	35 45		1041.00	35 48	
918.000	35 42		980.000	35 45		1042.00	35 49	
919 000	35 42		981 000	35 46		1043 00	35 49	
920.000	35 42		982.000	35 45		1044 00	35 49	
921 000	35 43		983 000	35 45		1045.00	35 48	
922.000	35 42		984.000	35 45		1046.00	35 49	
923 000	35 43		985 000	35 44		1047 00	35 48	
924.000	35 42		986.000	35 45		1048.00	35 49	
925 000	35 42		987 000	35 46		1049 00	35 48	
926.000	35 42		988.000	35 45		1050.00	35 49	
927 000	35 43		989 000	35 46		1051.00	35 48	
928.000	35 43		990.000	35 45		1052.00	35 48	
929 000	35 43		991 000	35 46		1053.00	35 47	
930.000	35 43		992.000	35 46		1054 00	35 48	
931 000	35 43		993.000	35 45		1055 00	35 48	
932.000	35 42		994.000	35 47		1056.00	35 49	
933 000	35 43		995.000	35 48		1057 00	35 48	
934 000	35 42		996.000	35 46		1058 00	35 48	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1059 00	35 48		1121.00	35.53		1183.00	35.55	
1060.00	35.47		1122.00	35.53		1184 00	35.56	
1061.00	35.49		1123.00	35.53		1185.00	35.56	
1062.00	35 48		1124.00	35.52		1186.00	35.56	
1063.00	35 48		1125.00	35.54		1187.00	35.56	
1064.00	35 49		1126.00	35.54		1188.00	35.56	
1065.00	35 48		1127.00	35.54		1189.00	35.56	
1066.00	35 48		1128.00	35.54		1190.00	35.58	
1067 00	35 48		1129.00	35.54		1191.00	35.57	
1068.00	35 47		1130.00	35.53		1192.00	35.57	
1069.00	35 48		1131.00	35.53		1193.00	35.57	
1070.00	35 49		1132.00	35.53		1194 00	35.58	
1071.00	35 48		1133.00	35.53		1195 00	35.58	
1072.00	35.50		1134.00	35.54		1196.00	35.58	
1073.00	35 49		1135.00	35.54		1197.00	35.57	
1074.00	35.48		1136.00	35.53		1198 00	35.60	
1075 00	35 48		1137.00	35.54		1199.00	35.58	
1076.00	35 49		1138.00	35.54		1200.00	35.58	
1077 00	35 48		1139.00	35.55		1201.00	35.58	
1078.00	35 47		1140.00	35.53		1202.00	35.58	
1079 00	35 48		1141.00	35.54		1203.00	35.59	
1080.00	35 49		1142.00	35.53		1204.00	35.58	
1081.00	35 48		1143.00	35.54		1205.00	35.59	
1082.00	35 48		1144.00	35.53		1206.00	35.59	
1083.00	35.50		1145.00	35.54		1207.00	35.58	
1084.00	35.50		1146.00	35.53		1208.00	35.59	
1085.00	35.50		1147.00	35.54		1209.00	35.60	
1086.00	35.50		1148.00	35.54		1210.00	35.58	
1087 00	35.50		1149.00	35.53		1211 00	35.59	
1088.00	35 49		1150.00	35.52		1212.00	35.59	
1089.00	35.50		1151 00	35.54		1213 00	35.60	
1090.00	35 49		1152.00	35.53		1214.00	35.59	
1091.00	35.50		1153.00	35.52		1215.00	35.60	
1092.00	35.50		1154.00	35.52		1216.00	35.60	
1093 00	35.50		1155.00	35.53		1217 00	35.59	
1094.00	35.50		1156.00	35.53		1218 00	35.59	
1095.00	35.51		1157.00	35.52		1219 00	35.59	
1096.00	35.50		1158.00	35.53		1220 00	35.59	
1097 00	35.50		1159.00	35.53		1221.00	35.60	
1098 00	35.51		1160.00	35.52		1222.00	35 60	
1099 00	35.51		1161.00	35.52		1223.00	35.60	
1100.00	35.50		1162.00	35.54		1224.00	35.60	
1101.00	35.51		1163 00	35.53		1225 00	35.60	
1102.00	35.51		1164.00	35.53		1226.00	35 60	
1103 00	35.51		1165 00	35.53		1227 00	35.60	
1104 00	35.51		1166.00	35.52		1228 00	35.60	
1105 00	35.53		1167.00	35.52		1229.00	35.59	
1106.00	35.52		1168.00	35.52		1230 00	35 61	
1107.00	35.52		1169.00	35.53		1231.00	35.60	
1108 00	35.52		1170.00	35.52		1232.00	35.61	
1109.00	35.53		1171.00	35 43		1233.00	35.59	
1110.00	35.52		1172.00	35 47		1234 00	35.60	
1111 00	35.52		1173.00	35 49		1235.00	35 60	
1112.00	35.53		1174.00	35.50		1236.00	35.61	
1113 00	35.54		1175.00	35.53		1237 00	35.60	
1114 00	35.53		1176.00	35.53		1238 00	35.59	
1115 00	35.54		1177.00	35.54		1239.00	35.60	
1116.00	35.53		1178 00	35.54		1240.00	35 60	
1117 00	35.53		1179 00	35.55		1241 00	35 60	
1118 00	35.52		1180.00	35.55		1242.00	35 60	
1119.00	35.53		1181 00	35.56		1243 00	35 61	
1120 00	35.54		1182.00	35.55		1244 00	35 60	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1245.00	35.61		1307 00	35 60		1369.00	35 61	
1246.00	35.61		1308.00	35.60		1370.00	35 61	
1247.00	35.59		1309.00	35.60		1371 00	35.61	
1248.00	35.61		1310.00	35.60		1372.00	35.62	
1249.00	35.59		1311 00	35.60		1373.00	35.61	
1250.00	35.60		1312.00	35.60		1374 00	35.60	
1251 00	35.59		1313 00	35.61		1375 00	35.61	
1252.00	35.60		1314.00	35.60		1376.00	35.61	
1253.00	35.60		1315.00	35.60		1377.00	35.61	
1254.00	35.60		1316.00	35.61		1378.00	35.62	
1255.00	35.62		1317.00	35.61		1379.00	35.62	
1256.00	35.60		1318.00	35.60		1380.00	35.61	
1257.00	35.60		1319.00	35.61		1381.00	35.61	
1258.00	35.60		1320.00	35.61		1382.00	35.62	
1259.00	35.60		1321.00	35.61		1383.00	35 61	
1260.00	35.62		1322.00	35.61		1384.00	35.61	
1261 00	35.60		1323.00	35.60		1385.00	35.62	
1262.00	35.61		1324.00	35.61		1386.00	35.61	
1263.00	35.62		1325.00	35.61		1387.00	35.61	
1264 00	35.60		1326.00	35.61		1388.00	35 60	
1265 00	35.60		1327 00	35.60		1389 00	35.60	
1266.00	35.60		1328.00	35.59		1390.00	35 62	
1267 00	35.61		1329 00	35.62		1391 00	35 61	
1268.00	35.61		1330.00	35.61		1392.00	35.60	
1269.00	35.61		1331.00	35.61		1393 00	35 60	
1270.00	35.59		1332.00	35.61		1394.00	35.61	
1271.00	35.60		1333.00	35.62		1395.00	35.62	
1272.00	35.60		1334.00	35.61		1396.00	35.60	
1273.00	35.60		1335.00	35.61		1397.00	35.61	
1274 00	35.60		1336.00	35.61		1398 00	35.62	
1275 00	35.62		1337.00	35.60		1399.00	35.61	
1276.00	35.60		1338.00	35.61		1400.00	35 61	
1277 00	35.61		1339.00	35.61		1401.00	35.61	
1278.00	35.62		1340.00	35.61		1402.00	35 61	
1279.00	35.61		1341 00	35.59		1403 00	35.62	
1280 00	35.60		1342.00	35 61		1404 00	35 61	
1281 00	35.60		1343 00	35 61		1405 00	35.61	
1282.00	35.60		1344 00	35.62		1406.00	35 61	
1283 00	35.60		1345.00	35 61		1407 00	35.60	
1284 00	35.60		1346.00	35 61		1408 00	35 62	
1285.00	35.61		1347.00	35.61		1409.00	35.62	
1286.00	35.60		1348.00	35.61		1410.00	35 61	
1287 00	35.60		1349.00	35.61		1411 00	35.62	
1288.00	35.61		1350.00	35.61		1412.00	35.61	
1289 00	35.61		1351.00	35.61		1413.00	35.61	
1290 00	35.59		1352.00	35.62		1414 00	35.61	
1291 00	35.61		1353 00	35.61		1415 00	35 62	
1292.00	35.59		1354.00	35.61		1416.00	35.62	
1293 00	35.60		1355 00	35.60		1417 00	35.62	
1294 00	35.60		1356.00	35.62		1418 00	35.63	
1295 00	35 61		1357 00	35.60		1419 00	35 61	
1296.00	35.61		1358.00	35.60		1420 00	35 61	
1297 00	35.61		1359 00	35.61		1421 00	35 62	
1298 00	35.61		1360.00	35 61		1422.00	35 61	
1299 00	35.61		1361.00	35.60		1423 00	35 62	
1300.00	35.61		1362.00	35.60		1424 00	35.62	
1301.00	35 60		1363 00	35.61		1425.00	35.61	
1302.00	35.61		1364.00	35.61		1426.00	35.62	
1303 00	35.61		1365.00	35.59		1427 00	35 61	
1304 00	35.61		1366.00	35.62		1428 00	35 61	
1305 00	35.59		1367 00	35 61		1429 00	35 61	
1306.00	35.60		1368 00	35.61		1430 00	35 61	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1431.00	35.61		1493.00	35.66		1555.00	35.67	
1432.00	35.61		1494.00	35.63		1556.00	35.68	
1433.00	35.61		1495 00	35.64		1557.00	35.66	
1434.00	35.62		1496.00	35.66		1558.00	35.67	
1435 00	35.62		1497.00	35.66		1559.00	35.67	
1436.00	35.61		1498.00	35.65		1560.00	35.66	
1437 00	35.61		1499 00	35.66		1561 00	35.66	
1438 00	35.62		1500.00	35.67		1562.00	35.66	
1439 00	35.62		1501.00	35.67		1563.00	35.66	
1440.00	35.61		1502.00	35.67		1564.00	35.67	
1441.00	35.61		1503.00	35.53		1565.00	35.66	
1442.00	35.61		1504.00	35.68		1566.00	35 66	
1443 00	35.61		1505.00	35.68		1567.00	35.66	
1444.00	35.61		1506.00	35.67		1568.00	35.66	
1445.00	35.60		1507.00	35.67		1569.00	35.66	
1446.00	35.61		1508.00	35.67		1570.00	35.66	
1447.00	35.62		1509.00	35.68		1571 00	35.66	
1448.00	35.61		1510.00	35.68		1572.00	35.66	
1449.00	35.61		1511.00	35.68		1573.00	35.64	
1450.00	35.61		1512.00	35.69		1574.00	35.66	
1451.00	35.62		1513.00	35.67		1575.00	35.64	
1452.00	35.62		1514 00	35.67		1576.00	35.65	
1453 00	35.62		1515 00	35.68		1577.00	35 66	
1454 00	35.63		1516.00	35.67		1578 00	35 65	
1455 00	35.61		1517.00	35 68		1579.00	35.66	
1456.00	35.62		1518.00	35.68		1580.00	35.65	
1457 00	35.62		1519.00	35.68		1581.00	35.65	
1458 00	35.60		1520.00	35.69		1582.00	35.65	
1459 00	35.62		1521 00	35 69		1583.00	35.65	
1460.00	35.61		1522.00	35.69		1584.00	35.66	
1461.00	35.61		1523.00	35.69		1585.00	35.64	
1462.00	35.61		1524.00	35.68		1586.00	35 64	
1463 00	35.61		1525.00	35.69		1587.00	35.64	
1464.00	35.62		1526.00	35.69		1588.00	35.64	
1465 00	35.61		1527.00	35.68		1589 00	35.66	
1466.00	35.61		1528.00	35 70		1590.00	35.65	
1467 00	35.62		1529.00	35 70		1591 00	35.66	
1468 00	35.62		1530.00	35.69		1592.00	35.65	
1469 00	35.61		1531 00	35 70		1593 00	35 65	
1470 00	35.62		1532.00	35.69		1594 00	35 67	
1471 00	35.62		1533 00	35 69		1595 00	35 66	
1472.00	35.60		1534.00	35.69		1596 00	35 65	
1473 00	35.61		1535.00	35 68		1597 00	35 65	
1474 00	35.61		1536.00	35 69		1598 00	35 65	
1475 00	35.61		1537 00	35 68		1599 00	35 65	
1476.00	35.60		1538.00	35.68		1600.00	35 65	
1477 00	35.62		1539.00	35.68		1601 00	35 65	
1478 00	35.61		1540.00	35 70		1602.00	35 64	
1479.00	35.62		1541.00	35.68		1603 00	35 65	
1480.00	35.62		1542.00	35.68		1604 00	35.64	
1481 00	35.62		1543 00	35.67		1605 00	35.65	
1482.00	35.65		1544 00	35.68		1606.00	35 64	
1483 00	35.63		1545 00	35 69		1607 00	35 66	
1484 00	35.63		1546.00	35 68		1608 00	35 67	
1485 00	35.63		1547 00	35.67		1609 00	35 64	
1486.00	35 63		1548 00	35 68		1610 00	35 65	
1487 00	35.65	35.57	1549.00	35 67		1611 00	35 65	
1488 00	35 64		1550 00	35 67		1612.00	35 66	
1489 00	35 64		1551 00	35 67		1613 00	35 66	
1490 00	35.65		1552.00	35 69		1614 00	35 64	
1491 00	35.65		1553 00	35 68		1615 00	35 65	
1492.00	35 66		1554 00	35.67		1616.00	35 64	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1617.00	35.65		1679 00	35.65		1741 00	35.62	
1618.00	35.65		1680.00	35.64		1742.00	35.62	
1619.00	35.65		1681.00	35.65		1743.00	35.63	
1620.00	35.65		1682.00	35.64		1744.00	35.62	
1621.00	35.66		1683.00	35.64		1745.00	35.62	
1622.00	35.65		1684.00	35.64		1746.00	35.63	
1623.00	35.65		1685.00	35.64		1747.00	35.62	
1624.00	35.65		1686.00	35.65		1748.00	35.62	
1625.00	35.65		1687.00	35.65		1749.00	35.61	
1626.00	35.65		1688.00	35.52		1750.00	35.61	
1627.00	35.65		1689.00	35.54		1751.00	35.61	
1628.00	35.66		1690.00	35.58		1752.00	35.62	
1629.00	35.65		1691.00	35.59		1753.00	35.62	
1630.00	35.65		1692.00	35.60		1754.00	35.61	
1631.00	35.65		1693.00	35.60		1755.00	35.60	
1632.00	35.66		1694.00	35.62		1756.00	35.61	
1633.00	35.65		1695.00	35.61		1757.00	35.61	
1634 00	35.65		1696.00	35.62		1758 00	35.61	
1635.00	35.65		1697.00	35.62		1759.00	35.61	
1636.00	35.66		1698.00	35.63		1760.00	35.61	
1637.00	35.64		1699.00	35.63		1761.00	35.62	
1638.00	35.64		1700.00	35.63		1762.00	35.61	
1639.00	35.64		1701.00	35.63		1763.00	35.59	
1640.00	35.65		1702.00	35.62		1764.00	35.60	
1641 00	35.66		1703.00	35.63		1765 00	35.61	
1642.00	35.64		1704.00	35.63		1766.00	35.61	
1643.00	35.65		1705.00	35.63		1767.00	35.62	
1644.00	35.64		1706.00	35.62		1768.00	35.61	
1645.00	35.66		1707.00	35.63		1769.00	35.61	
1646.00	35.66		1708.00	35.63		1770.00	35.62	
1647 00	35.65		1709.00	35.63		1771 00	35.61	
1648.00	35.65		1710.00	35.63		1772.00	35.60	
1649.00	35.64		1711.00	35.63		1773.00	35.60	
1650.00	35.64		1712.00	35.63		1774.00	35.60	
1651 00	35.64		1713.00	35.63		1775.00	35.59	
1652.00	35.65		1714 00	35.63		1776.00	35.61	
1653.00	35.64		1715 00	35.63		1777 00	35.60	
1654 00	35.64		1716.00	35.63		1778.00	35 61	
1655 00	35.64		1717.00	35.63		1779.00	35.61	
1656.00	35.65		1718.00	35.63		1780.00	35.60	
1657.00	35.64		1719 00	35.63		1781.00	35.60	
1658 00	35.65		1720.00	35.63		1782.00	35 60	
1659 00	35.63		1721.00	35.63		1783.00	35.61	
1660 00	35.64		1722.00	35.62		1784.00	35 60	
1661 00	35.65		1723.00	35.63		1785.00	35.60	
1662.00	35 64		1724 00	35.63		1786.00	35.60	
1663 00	35.66		1725.00	35.62		1787 00	35 61	
1664 00	35.65		1726.00	35.63		1788.00	35.60	
1665.00	35.64		1727.00	35.62		1789 00	35.60	
1666.00	35.64		1728.00	35 62		1790 00	35.61	
1667.00	35.64		1729 00	35.63		1791 00	35 60	
1668 00	35.65		1730.00	35.63		1792.00	35 60	
1669.00	35.65		1731 00	35.62		1793 00	35.59	
1670 00	35.64		1732.00	35.63		1794.00	35.60	
1671 00	35.64		1733.00	35.63		1795 00	35 60	
1672.00	35 65		1734.00	35.62		1796.00	35 60	
1673 00	35.65		1735 00	35.63		1797 00	35.60	
1674 00	35.65		1736.00	35.62		1798 00	35 60	
1675 00	35.65		1737.00	35.62		1799 00	35 60	
1676.00	35.66		1738.00	35 62		1800.00	35.59	
1677 00	35.64		1739 00	35.61		1801 00	35 60	
1678 00	35.65		1740.00	35 63		1802.00	35 60	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1803.00	35.60		1865.00	35.57		1927.00	35.54	
1804 00	35.59		1866.00	35.57		1928.00	35.54	
1805.00	35.59		1867.00	35.57		1929.00	35.56	
1806.00	35.60		1868.00	35.58		1930.00	35.54	
1807 00	35.59		1869.00	35.57		1931.00	35.54	
1808.00	35.58		1870.00	35.57		1932.00	35.54	
1809 00	35.59		1871 00	35.58		1933.00	35.53	
1810.00	35.59		1872.00	35.56		1934.00	35.54	
1811.00	35.59		1873.00	35.57		1935.00	35.54	
1812.00	35.59		1874.00	35.57		1936.00	35.54	
1813.00	35.59		1875.00	35.57		1937.00	35.54	
1814.00	35 60		1876.00	35.56		1938.00	35.54	
1815.00	35.59		1877 00	35.57		1939.00	35.54	
1816.00	35.59		1878.00	35.57		1940.00	35.55	
1817.00	35.60		1879.00	35.56		1941.00	35.54	
1818.00	35.59		1880.00	35.56		1942.00	35.54	
1819.00	35.60		1881.00	35.57		1943.00	35.53	
1820.00	35.59		1882.00	35.56		1944.00	35.54	
1821.00	35.60		1883.00	35.57		1945 00	35.55	
1822.00	35.59		1884.00	35.56		1946.00	35.55	
1823.00	35.59		1885.00	35.56		1947.00	35.55	
1824 00	35 60		1886.00	35.57		1948.00	35.54	
1825 00	35.59		1887.00	35.56		1949.00	35.55	
1826.00	35.59		1888.00	35.57		1950.00	35.55	
1827.00	35.59		1889.00	35.56		1951 00	35.55	
1828.00	35.59		1890.00	35.56		1952.00	35.54	
1829 00	35.59		1891.00	35.56		1953.00	35.55	
1830.00	35.60		1892.00	35.57		1954.00	35.54	
1831.00	35.58		1893.00	35.56		1955.00	35.54	
1832.00	35.59		1894.00	35.55		1956.00	35.54	
1833 00	35.60		1895.00	35.54		1957.00	35.55	
1834.00	35.59		1896.00	35.56		1958.00	35.55	
1835.00	35.59		1897.00	35.57		1959.00	35.54	
1836.00	35.59		1898.00	35.55		1960.00	35.55	
1837 00	35.58		1899.00	35.56		1961.00	35.55	
1838 00	35.59		1900.00	35.56		1962.00	35.53	
1839 00	35.58		1901.00	35.55		1963.00	35.53	
1840 00	35.58		1902.00	35.55		1964 00	35.54	
1841 00	35.58		1903.00	35.56		1965.00	35.53	
1842.00	35.59		1904.00	35.55		1966.00	35.53	
1843 00	35.59		1905.00	35.55		1967 00	35.54	
1844 00	35.58		1906.00	35.55		1968 00	35.53	
1845 00	35.58		1907 00	35.55		1969 00	35.53	
1846.00	35.58		1908.00	35.56		1970 00	35.53	
1847 00	35.58		1909 00	35.55		1971 00	35.53	
1848 00	35.58		1910.00	35.56		1972.00	35.54	
1849 00	35.58		1911.00	35.56		1973 00	35.54	
1850.00	35.58		1912.00	35.55		1974.00	35.53	
1851 00	35.58		1913.00	35.55		1975.00	35.53	
1852.00	35.58		1914 00	35.55		1976.00	35.53	
1853.00	35.58		1915.00	35.55		1977 00	35.53	
1854 00	35.57		1916.00	35.56		1978 00	35.53	
1855 00	35.58		1917.00	35.56		1979 00	35.53	
1856.00	35.58		1918 00	35.55		1980 00	35.53	
1857 00	35.58		1919 00	35.55		1981 00	35.52	
1858 00	35.57		1920.00	35.55		1982.00	35.53	
1859 00	35.58		1921 00	35.54		1983 00	35.53	
1860.00	35.59		1922.00	35.55		1984 00	35.52	
1861 00	35.58		1923 00	35.54		1985.00	35.52	
1862.00	35.58		1924 00	35.55		1986.00	35.53	
1863 00	35.58		1925 00	35.55		1987 00	35.52	
1864 00	35.58		1926.00	35.55		1988 00	35.52	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1989.00	35.53							
1990.00	35.52							
1991 00	35.52							
1992.00	35.52							
1993.00	35.52							
1994.00	35.53							
1995.00	35.52							
1996.00	35.52							
1997.00	35.52							
1998.00	35.52							
1999 00	35.52							
2000.00	35.52							
2001.00	35.51							
2002.00	35.52							
2003.00	35.52							
2004.00	35.52							
2005.00	35.51							
2006.00	35.52							
2007 00	35.52							
2008 00	35.51							
2009 00	35.52							
2010.00	35.52							
2011 00	35.52							
2012.00	35.51							
2013 00	35.51							
2014 00	35.50							
2015 00	35.51							

Well 20991 File 10
SE1000B
Environmental Logger
05/06 11 35

Unit# 00000 Test# 0

INPUT 1 Level (F) TOC

Reference 35 42
Scale factor 10 05
Offset 0 02

Step# 0 05/04 17.22

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0.0000	35.79		1.5000	35 37		50.0000	33 14	
0.0033	35.79		1.5833	35.34		52.0000	33 11	
0 0066	35.79		1.6667	35 31		54.0000	33 08	
0 0099	35.79		1 7500	35 28		56.0000	33 06	
0.0133	35 79		1.8333	35.26		58.0000	33 03	
0 0166	35 78		1 9167	35 23		60.0000	33 01	
0 0200	35 79		2.0000	35 21		62.0000	32.98	
0 0233	35 79		2.5000	35 06		64.0000	32.96	
0.0266	35.78		3.0000	34 95		66.0000	32.94	
0.0300	35.78		3.5000	34.87		68.0000	32.92	
0.0333	35 78		4.0000	34.82		70.0000	32.90	
0.0500	35.78		4.5000	34.78		72.0000	32.88	
0.0666	35.77		5.0000	34.76		74.0000	32.87	
0.0833	35.77		5.5000	34.74		76.0000	32.85	
0 1000	35 76		6.0000	34.71		78.0000	32.84	
0.1166	35 75		6.5000	34.70		80.0000	32.82	
0 1333	35 75		7 0000	34 67		82.0000	32 80	
0 1500	35 74		7.5000	34 63		84 0000	32.79	
0.1666	35 73		8 0000	34 59		86.0000	32.78	
0 1833	35 72		8.5000	34 56		88 0000	32.76	
0.2000	35 71		9 0000	34.52		90 0000	32.75	
0.2166	35 71		9.5000	34 48		92.0000	32.73	
0.2333	35 70		10.0000	34 44		94 0000	32.72	
0.2500	35 70		12.0000	34.25		96.0000	32.71	
0.2666	35 69		14 0000	34 14		98 0000	32 70	
0.2833	35 68		16.0000	34 03		100.000	32.68	
0.3000	35 67		18.0000	33 93		110.000	32 63	
0.3166	35 69		20.0000	33 84		120.000	32.57	
0.3333	35 71		22.0000	33 76		130.000	32.52	
0 4167	35 78		24.0000	33 69		140.000	32.48	
0.5000	35 76		26.0000	33 46		150.000	32.44	
0.5833	35 73		28.0000	33.56		160.000	32 40	
0.6667	35 69		30.0000	33.51		170.000	32.37	
0 7500	35 65		32.0000	33 46		180.000	32.33	
0 8333	35 62		34.0000	33 41		190.000	32.30	
0 9167	35 58		36.0000	33.37		200.000	32.27	
1 0000	35 55		38 0000	33.33		210.000	32.24	
1 0833	35 52		40.0000	33.29		220.000	32.22	
1 1667	35 49		42.0000	33.26		230.000	32 19	
1.2500	35 46		44 0000	33.23		240.000	32.17	
1.3333	35 42		46.0000	33 19		250.000	32 14	
1 4166	35 40		48.0000	33 17		260.000	32 12	

Elapsed Time	Value	Hand Meas
270.000	32.10	
280.000	32.08	
290.000	32.06	
300.000	32.04	
310.000	32.01	
320.000	31 99	
330.000	31 98	
340.000	31 96	
350.000	31.94	
360.000	31 92	
370.000	31.91	
380.000	31 89	
390.000	31.87	
400.000	31.86	
410.000	31.84	
420.000	31.83	
430.000	31.82	
440.000	31.80	
450.000	31 79	
460.000	31 78	
470.000	31 76	
480.000	31 75	
490.000	31 73	
500.000	31 73	
510.000	31 71	
520.000	31 70	
530.000	31.69	
540.000	31.67	
550.000	31.66	
560.000	31.65	
570.000	31.64	
580.000	31.63	
590.000	31.62	
600.000	31.61	
610.000	31.60	
620.000	31.59	
630.000	31.58	
640.000	31.57	
650.000	31.56	
660.000	31.55	
670.000	31.54	
680.000	31.54	
690.000	31.53	
700.000	31.53	
710.000	31.52	
720.000	31.51	
730.000	31.51	
740.000	31.50	
750.000	31 49	
760.000	31 49	
770.000	31 48	
780.000	31 48	
790.000	31 47	
800.000	31 47	
810.000	31 47	
820.000	31 46	
830.000	31 46	
840.000	31 45	
850.000	31 45	
860.000	31 45	
870.000	31 44	
880.000	31 44	
890.000	31 44	
900.000	31 43	
910.000	31 43	
920.000	31 43	
930.000	31 42	
940.000	31 42	
950.000	31 41	
960.000	31 41	
970.000	31 40	
980.000	31 40	
990.000	31 40	
1000.00	31.39	
1100.00	31.37	
1200.00	31.33	
1300.00	31.28	
1400.00	31.24	
1500.00	31.20	
1600.00	31 18	
1700.00	31 16	
1800.00	31 16	
1900.00	31 14	
2000.00	31 10	
2100.00	31 07	
2200.00	31 05	
2300.00	31 04	
2400.00	31 03	
2500.00	31 01	

Well 20991 File 11
SE1000B
Environmental Logger
05/11 17 12

Unit# 00000 Test# 0

INPUT 1 Level (F) TOC

Reference 30 62
Scale factor 10 05
Offset 0 02

Step# 0 05/06 11 45

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas
0 0000	30.62		1290.00	30.46		2580.00	30.33	
30.0000	30.61		1320.00	30.46		2610.00	30.32	
60.0000	30.60		1350.00	30 46		2640.00	30.32	
90.0000	30.59		1380.00	30.45		2670.00	30.32	
120.000	30.58		1410.00	30.45		2700.00	30.32	
150.000	30.57		1440.00	30.44		2730.00	30.33	
180.000	30.56		1470.00	30 45		2760.00	30.32	
210.000	30.55		1500.00	30.44		2790.00	30.32	
240.000	30.55		1530.00	30 44		2820 00	30.31	
270.000	30.54		1560.00	30.43		2850.00	30.31	
300.000	30.54		1590.00	30.43		2880.00	30.30	
330.000	30.53		1620.00	30.44		2910.00	30.29	
360.000	30.53		1650.00	30.43		2940.00	30.28	
390.000	30.52		1680.00	30.42		2970.00	30.27	
420.000	30.51		1710.00	30.42		3000.00	30.26	
450.000	30.50		1740.00	30 41		3030.00	30.25	
480.000	30.50		1770.00	30 41		3060 00	30.24	
510.000	30.50		1800.00	30.41		3090 00	30 23	
540.000	30.50		1830.00	30 40		3120 00	30 22	
570.000	30.50		1860.00	30.39		3150.00	30.22	
600.000	30.50		1890.00	30.38		3180.00	30.22	
630.000	30.50		1920.00	30.38		3210 00	30.21	
660.000	30.50		1950 00	30.37		3240 00	30 21	
690.000	30.50		1980 00	30.38		3270 00	30.21	
720.000	30.49		2010 00	30.38		3300 00	30 20	
750.000	30 49		2040 00	30.37		3330 00	30.20	
780.000	30.49		2070 00	30.37		3360 00	30 19	
810.000	30.48		2100.00	30.37		3390.00	30 18	
840.000	30.48		2130.00	30.36		3420.00	30 18	
870.000	30 48		2160.00	30.36		3450.00	30 17	
900.000	30.48		2190.00	30.35		3480 00	30.17	
930.000	30.47		2220.00	30.35		3510 00	30 17	
960.000	30.47		2250.00	30.35		3540 00	30 16	
990.000	30.46		2280.00	30.35		3570 00	30 16	
1020 00	30.46		2310 00	30.34		3600 00	30 16	
1050 00	30 46		2340 00	30.34		3630 00	30 15	
1080 00	30 47		2370.00	30.34		3660 00	30 14	
1110 00	30 47		2400.00	30.34		3690 00	30 14	
1140 00	30 47		2430 00	30.33		3720 00	30 13	
1170 00	30 47		2460 00	30.33		3750 00	30 13	
1200 00	30 47		2490 00	30.33		3780 00	30 12	
1230 00	30 47		2520 00	30.33		3810 00	30 12	
1260 00	30 47		2550.00	30.33		3840 00	30 11	

Elapsed Time	Value	Hand Meas
3870 00	30.11	
3900.00	30.10	
3930.00	30.10	
3960.00	30.10	
3990.00	30.10	
4020.00	30.10	
4050.00	30.10	
4080.00	30.10	
4110.00	30.10	
4140.00	30.10	
4170.00	30.09	
4200.00	30.09	
4230.00	30.09	
4260.00	30.08	
4290.00	30.07	
4320.00	30.07	
4350.00	30.06	
4380.00	30.05	
4410.00	30.03	
4440.00	30.02	
4470.00	30.02	
4500.00	30.02	
4530.00	30.00	
4560.00	30.00	
4590.00	30.00	
4620.00	30.01	
4650.00	30.02	
4680.00	30.03	
4710.00	30.05	
4740.00	30.05	
4770.00	30.05	
4800.00	30.06	
4830.00	30.07	
4860.00	30.08	
4890.00	30.08	
4920.00	30.10	
4950.00	30.11	
4980.00	30.12	
5010.00	30.13	
5040 00	30.14	
5070 00	30.15	
5100 00	30.16	
5130.00	30.16	
5160 00	30.18	
5190 00	30.19	
5220.00	30.20	
5250 00	30.21	
5280.00	30.21	
5310 00	30.22	
5340.00	30.22	
5370.00	30.22	
5400.00	30.23	
5430.00	30.23	
5460.00	30.24	
5490 00	30.25	
5520 00	30.25	
5550 00	30.26	
5580 00	30.26	
5610 00	30.26	
5640 00	30.26	
5670 00	30.27	
5700 00	30.27	

Elapsed Time	Value	Hand Meas
5730.00	30.27	
5760.00	30.28	
5790.00	30.28	
5820.00	30.28	
5850.00	30.27	
5880.00	30.27	
5910.00	30.27	
5940.00	30.27	
5970 00	30.27	
6000.00	30.26	
6030.00	30.27	
6060.00	30.27	
6090 00	30.27	
6120.00	30.26	
6150 00	30.26	
6180.00	30.26	
6210.00	30.25	
6240.00	30.25	
6270.00	30.26	
6300.00	30.27	
6330.00	30.27	
6360.00	30.28	
6390.00	30.28	
6420.00	30.29	
6450.00	30.29	
6480.00	30.29	
6510.00	30.29	
6540.00	30.30	
6570.00	30.30	
6600.00	30.30	
6630 00	30.29	
6660.00	30.29	
6690.00	30.29	
6720.00	30.28	
6750.00	30.28	
6780.00	30.28	
6810.00	30.28	
6840.00	30.28	
6870.00	30.29	
6900 00	30.29	
6930 00	30.29	
6960.00	30.30	
6990.00	30.30	
7020.00	30.31	
7050 00	30.31	
7080 00	30.31	
7110.00	30.31	
7140.00	30.32	
7170.00	30.31	
7200.00	30.31	
7230.00	30.31	
7260.00	30.31	
7290.00	30.30	
7320.00	30.29	

Elapsed Time	Value	Hand Meas
	o	

OBSERVATION WELL No OB210-91
Hydrostratigraphic Unit. Sandstone No 1
Filter Pack/Screened Interval 17 0 ft. to 63 8 ft.
Distance to Pumping Well 20 7 Pumping Well ID 2
TOPC 26 From Ground Surface
Note Real Time Start of Test = 17 30
Logger Time Start of Test = 17 29

Well 21091 File 03
SE1000B
Environmental Logger
04/28 20 22

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 28 71
Scale factor 4 89
Offset 0 06

Step# 0 04/28 17 29

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	17 89		0 7500	17 93		14 0000	18 79	
0 0033	17 89		0 8333	17 94		16.0000	18 86	
0 0066	17 89		0 9167	17 96		18 0000	18 92	
0 0099	17 89		1 0000	17 96		20.0000	18 98	
0 0133	17 89		1 0833	17 97		22.0000	19 02	
0 0166	17 89		1 1667	17 98		24 0000	19 07	
0 0200	17 89		1.2500	17 98		26.0000	19 12	
0 0233	17 89		1 3333	18 00		28 0000	19 16	
0 0266	17 88		1 4166	18 00		30 0000	19 18	30 06
0 0300	17 89		1.5000	18 01		32 0000	19.22	
0 0333	17 89		1 5833	18 02		34.0000	19 24	
0 0500	17 88		1 6667	18 03		36.0000	19.28	
0 0666	17 89		1 7500	18 04		38 0000	19 30	
0 0833	17 89		1 8333	18 04		40 0000	19 33	
0 1000	17 88		1 9167	18 05		42.0000	19 36	
0 1166	17 88		2 0000	18 07		44 0000	19.38	
0 1333	17 89		2.5000	18 11		46.0000	19 40	
0 1500	17 88		3 0000	18 15		48 0000	19 42	
0 1666	17 88		3.5000	18.18		50 0000	19 44	
0 1833	17 89		4 0000	18 22		52 0000	19 45	
0 2000	17 89		4 5000	18 25		54 0000	19 47	
0 2166	17 88		5 0000	18 30		56.0000	19 49	
0 2333	17 89		5 5000	18 34		58 0000	19.50	
0 2500	17 89		6 0000	18 37		60 0000	19 52	30 32
0 2666	17 89		6.5000	18 41		62 0000	19 54	
0 2833	17 89		7 0000	18 44		64 0000	19.55	
0 3000	17 89		7 5000	18 48		66.0000	19.57	
0 3166	17 90		8 0000	18 51		68 0000	19 59	
0 3333	17 89		8.5000	18 53		70 0000	19 60	
0 4167	17 91		9 0000	18 56		72 0000	19 62	
0 5000	17 91		9 5000	18 59		74 0000	19 64	
0 5833	17 92		10 0000	18 62		76 0000	19 66	
0 6667	17 93		12 0000	18 71		78 0000	19 67	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
80 0000	19 68							
82.0000	19 70							
84 0000	19 71							
86 0000	19 72							
88 0000	19 73							
90 0000	19 75							
92 0000	19 76	30.54						
94 0000	19 77							
96 0000	19 78							
98 0000	19 79							
100.000	19 81							
110.000	19 86	30 66						
120.000	19 89							
130 000	19 95							
140.000	19 99							
150.000	20 04	30 84						
160.000	20 05							
170.000	20 10	31 12						

Well 21091 File 04
SE1000B
Environmental Logger
04/29 11·01

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 28 71
Scale factor 4 89
Offset 0 06

Step# 0 04/28 20:24

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas
0.0000	20.12	31 12	43.0000	20.27		86.0000	20.38	
1 0000	20.13		44.0000	20.27		87.0000	20.38	
2.0000	20.12		45.0000	20.27		88.0000	20.39	
3 0000	20.13		46.0000	20.28		89.0000	20.39	
4 0000	20.14		47 0000	20.27		90.0000	20.39	
5 0000	20.14		48 0000	20.28		91.0000	20.39	
6.0000	20.14		49.0000	20.29		92.0000	20 40	
7 0000	20.15		50.0000	20.29		93 0000	20 40	
8 0000	20.15		51 0000	20.28		94 0000	20 40	
9 0000	20.15		52.0000	20.29		95.0000	20 40	
10 0000	20.16		53 0000	20.30		96.0000	20 41	
11 0000	20.16		54 0000	20.30		97.0000	20 41	
12.0000	20.16		55 0000	20.30		98.0000	20 41	
13 0000	20.16		56.0000	20.30		99.0000	20 41	
14 0000	20.17		57.0000	20.31		100.000	20 41	
15 0000	20.17		58.0000	20.31		101 000	20 41	
16.0000	20.18		59.0000	20.31		102.000	20 41	
17 0000	20.18		60.0000	20.32		103 000	20 41	
18 0000	20.19		61.0000	20.32		104 000	20 42	
19 0000	20.18		62.0000	20.32		105 000	20 42	
20 0000	20.19		63 0000	20.32		106.000	20 43	
21 0000	20.20		64.0000	20.33		107 000	20 43	
22.0000	20.19		65.0000	20.32		108.000	20 42	
23 0000	20.20		66.0000	20.33		109 000	20 43	
24 0000	20.20		67.0000	20.34		110.000	20 43	
25 0000	20.21		68.0000	20.33		111 000	20 43	
26.0000	20.22		69 0000	20.33		112.000	20 43	
27 0000	20.21		70 0000	20.34		113 000	20 44	
28.0000	20.22		71.0000	20.34		114 000	20 44	
29 0000	20.22		72.0000	20.34		115 000	20 44	
30.0000	20.22		73.0000	20.35		116.000	20 44	
31 0000	20.23		74 0000	20.35		117 000	20 45	
32.0000	20.24		75 0000	20.35		118.000	20 45	
33 0000	20.23		76.0000	20.35		119 000	20 45	
34 0000	20.24		77 0000	20.36		120.000	20 45	
35 0000	20.24		78 0000	20.36		121 000	20 45	
36.0000	20.25		79 0000	20.36		122.000	20 45	
37 0000	20.25		80.0000	20.36		123 000	20 46	
38 0000	20.25		81.0000	20.37		124.000	20 46	
39 0000	20.25		82.0000	20.36		125 000	20 46	
40 0000	20.26		83 0000	20.37		126.000	20 47	
41 0000	20.26		84 0000	20.37		127 000	20 46	
42.0000	20.26		85 0000	20.38		128.000	20 46	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas
129 000	20.48		191 000	20.55		253.000	20.64	
130.000	20.47		192.000	20.56		254.000	20.65	
131 000	20.47		193.000	20.55		255.000	20.65	
132.000	20.47		194.000	20.56		256.000	20.65	
133 000	20.45		195.000	20.56		257.000	20.65	
134.000	20.48		196.000	20.56		258.000	20.65	
135 000	20.48		197 000	20.56		259.000	20.65	
136.000	20.49		198.000	20.56		260.000	20.65	
137 000	20.45		199 000	20.56		261 000	20.65	
138.000	20.44		200.000	20.56		262.000	20.66	
139 000	20.44		201 000	20.56		263.000	20.66	
140.000	20.45		202.000	20.56		264.000	20.66	
141 000	20.45		203.000	20.56		265.000	20.66	
142.000	20.46		204.000	20.57		266.000	20.66	
143.000	20.46		205.000	20.57		267 000	20.66	
144.000	20.47		206.000	20.57		268.000	20 66	
145 000	20.47		207 000	20.57		269 000	20.67	
146.000	20.48		208.000	20.57		270.000	20.67	
147 000	20.49		209 000	20.57		271 000	20.67	
148.000	20.48		210.000	20.58		272.000	20 67	
149 000	20.48		211 000	20.58		273.000	20 67	
150.000	20.49		212.000	20.58		274.000	20.67	
151 000	20.49		213.000	20.58		275.000	20.67	
152.000	20.49		214.000	20.58		276.000	20.67	
153.000	20.49		215 000	20.58		277 000	20.68	
154.000	20.49		216.000	20.58		278.000	20 68	
155 000	20.50		217 000	20.58		279 000	20.68	
156.000	20.50		218.000	20.58		280.000	20.68	
157 000	20.50		219 000	20.59		281 000	20.68	
158.000	20.50		220.000	20.59		282.000	20.68	
159 000	20.51		221 000	20.59		283.000	20.69	
160.000	20.51		222.000	20.59		284.000	20.69	
161 000	20.51		223.000	20.59		285.000	20.69	
162.000	20.51		224.000	20.59		286.000	20.69	
163 000	20.52		225.000	20.59		287.000	20 69	
164.000	20.52	31.28	226.000	20.59		288.000	20 69	
165 000	20.52		227 000	20.60		289 000	20 69	
166.000	20.52		228.000	20.60		290.000	20.69	
167 000	20.52		229 000	20.60		291 000	20.70	
168.000	20.52		230.000	20.60		292.000	20 70	
169 000	20.52		231 000	20.61		293.000	20 70	
170.000	20.53		232.000	20.61		294 000	20 70	
171 000	20.53		233 000	20.61		295 000	20 70	
172.000	20.53		234.000	20.61		296.000	20 70	
173 000	20.53		235.000	20.61		297 000	20 70	
174.000	20.53		236.000	20.61		298.000	20 71	
175 000	20.53		237 000	20.62		299 000	20 71	
176.000	20.53		238.000	20.62		300.000	20 71	
177 000	20.54		239 000	20.62		301 000	20 71	
178.000	20.54		240.000	20.62		302.000	20 71	
179 000	20.54		241 000	20.62		303.000	20 71	
180.000	20.54		242.000	20.63		304.000	20 71	
181 000	20.54		243.000	20.63		305 000	20 71	
182.000	20.54		244.000	20.63		306.000	20.72	
183 000	20.55		245.000	20.63		307 000	20 72	
184.000	20.54		246.000	20.63		308.000	20 72	
185 000	20.55		247 000	20.63		309 000	20 72	
186.000	20.54		248.000	20 64		310.000	20 72	
187 000	20.55		249 000	20.64	31.38	311 000	20 72	
188.000	20.55		250.000	20.64		312.000	20 72	
189 000	20.55		251 000	20.64		313 000	20 72	
190.000	20.55		252.000	20.64		314.000	20 73	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
315 000	20.73		377 000	20.79		439 000	20 85	
316.000	20.73		378.000	20.79		440.000	20.86	
317 000	20.73		379 000	20.79	31.56	441 000	20.85	
318.000	20.73		380.000	20.79		442.000	20.85	
319 000	20.73		381 000	20.79		443.000	20.85	
320.000	20.73		382.000	20.79		444.000	20.86	
321 000	20.73		383.000	20.79		445 000	20.86	
322.000	20.73		384.000	20.79		446.000	20.86	
323.000	20.73		385.000	20 80		447 000	20 86	
324.000	20.74		386.000	20.80		448.000	20.86	
325.000	20.74		387 000	20 80		449.000	20.86	
326.000	20.74		388.000	20.80		450.000	20 86	
327 000	20.74		389 000	20.80		451 000	20.87	
328.000	20.74		390.000	20.80		452.000	20.86	
329 000	20.74		391 000	20.80		453.000	20.86	
330.000	20.74		392.000	20.80		454.000	20.85	
331 000	20.75		393.000	20.80		455 000	20.85	
332.000	20.75		394.000	20.81		456.000	20 86	
333.000	20.74		395.000	20.81		457 000	20.86	
334.000	20.75		396.000	20.81		458.000	20.86	
335 000	20.75		397 000	20.81		459 000	20 86	
336.000	20.75		398.000	20.81		460.000	20 86	
337 000	20.75		399 000	20.81		461 000	20 86	
338.000	20.75		400.000	20 81		462.000	20 87	
339 000	20.75		401 000	20.82		463.000	20 87	
340.000	20.75		402.000	20.82		464.000	20 87	
341 000	20.75		403.000	20.82		465 000	20 87	
342.000	20.75		404.000	20.82		466.000	20 87	
343 000	20.76		405.000	20.82		467 000	20 87	
344.000	20.76		406.000	20.82		468.000	20 87	
345 000	20.76		407 000	20.82		469 000	20 88	
346.000	20.76		408.000	20.82		470.000	20 88	
347 000	20.76		409 000	20.82		471 000	20.88	
348.000	20.76		410.000	20.82		472.000	20.88	
349 000	20.76		411 000	20.83		473 000	20.88	
350.000	20.76		412.000	20.82		474.000	20 88	
351 000	20.76		413 000	20.83		475 000	20 88	
352.000	20.73		414.000	20.83		476.000	20 88	
353 000	20.72		415 000	20.83		477 000	20 89	
354 000	20.73		416.000	20 83		478.000	20 88	
355 000	20 74		417 000	20 83		479 000	20 89	
356.000	20 74		418.000	20 83		480.000	20 89	
357 000	20.75		419 000	20 84		481 000	20 89	
358.000	20.75		420.000	20.83		482.000	20.89	
359 000	20.76		421 000	20 83		483.000	20 89	
360.000	20.76		422.000	20 84		484.000	20 89	
361 000	20.76		423.000	20.84		485 000	20 90	
362.000	20.76		424.000	20.84		486.000	20 89	
363 000	20.77		425.000	20 84		487 000	20 90	
364.000	20.77		426.000	20.84		488.000	20 90	
365 000	20.77		427 000	20.84		489 000	20.90	
366.000	20.77		428.000	20.84		490.000	20 90	
367 000	20.77		429 000	20.84		491 000	20 90	
368.000	20.77		430.000	20.84		492.000	20 90	
369 000	20.77		431 000	20.85		493 000	20 90	
370.000	20.78		432.000	20.85		494 000	20 91	31 68
371 000	20.78		433 000	20 85		495 000	20 91	
372.000	20.78		434.000	20 85		496.000	20 91	
373 000	20 78		435 000	20.85		497 000	20 91	
374.000	20.78		436.000	20.85		498.000	20 91	
375 000	20.78		437 000	20.85		499 000	20 92	
376.000	20.78		438.000	20.85		500.000	20 92	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
501 000	20.92		563.000	20.98		625 000	21.03	
502.000	20.92		564.000	20.98		626.000	21.03	
503 000	20.92		565 000	20.99		627 000	21.03	
504.000	20.92		566.000	20.99		628.000	21 03	
505.000	20.92		567 000	20.99		629 000	21.03	
506.000	20.93		568.000	20.99		630.000	21.04	
507 000	20.92		569 000	20.99		631 000	21.03	
508.000	20.93		570.000	20.99		632.000	21.03	
509 000	20.93		571 000	21 00		633.000	21 04	
510.000	20.93		572.000	20.99		634.000	21 04	
511 000	20.93		573.000	20.99		635.000	21.03	
512.000	20.94		574.000	20.99		636.000	21.04	
513.000	20.93		575.000	21.00		637 000	21.04	
514.000	20.94		576.000	21.00		638.000	21.04	
515.000	20.93		577 000	21.00		639 000	21.04	
516.000	20.91		578.000	21.00		640.000	21 04	
517 000	20.90		579.000	20.99		641 000	21.04	
518.000	20.90		580.000	21.00		642.000	21.04	
519 000	20.92		581.000	21.00		643.000	21.04	
520.000	20.92		582.000	21.00		644.000	21.04	
521 000	20.92		583.000	20.99		645.000	21.04	
522.000	20.92		584.000	21.00		646.000	21.05	
523.000	20.93		585.000	21 00		647 000	21 04	
524.000	20.94		586.000	21.00		648.000	21 05	
525 000	20.94		587 000	21.00		649 000	21 05	
526.000	20.94		588.000	21 00		650.000	21 05	
527 000	20.94		589 000	21.01		651 000	21.05	
528.000	20.94		590.000	21.00		652.000	21.05	
529 000	20.94		591 000	21.00		653.000	21.05	
530.000	20.95		592.000	21.00		654.000	21 05	
531 000	20.95		593.000	21.01		655.000	21 05	
532.000	20.95		594.000	21 00		656.000	21 05	
533.000	20.95		595.000	21 01		657 000	21 05	
534.000	20.96		596.000	21.01		658.000	21.05	
535.000	20.96		597 000	21.01		659 000	21.05	31 82
536.000	20.96		598.000	21.01		660.000	21 05	
537 000	20.95		599 000	21.01		661 000	21 05	
538.000	20.96		600.000	21.01		662.000	21 05	
539 000	20.96		601 000	21 01		663 000	21 05	
540.000	20.96		602.000	21 02		664.000	21 06	
541 000	20.96		603 000	21.01		665.000	21 06	
542.000	20.96		604.000	21 01		666.000	21 06	
543 000	20.97		605.000	21 02		667 000	21 06	
544.000	20.96		606.000	21.01		668.000	21 06	
545 000	20.96		607 000	21 01		669 000	21 06	
546.000	20.97		608.000	21 01		670.000	21 06	
547 000	20.97		609 000	21.02		671 000	21 06	
548.000	20.97		610.000	21.03		672.000	21.06	
549 000	20.97		611 000	21.02		673 000	21.07	
550.000	20.97		612.000	21.03		674.000	21 07	
551 000	20 97		613.000	21.02		675 000	21 07	
552.000	20.97		614.000	21.02		676.000	21 07	
553.000	20.97		615.000	21 03		677 000	21.07	
554.000	20.98		616.000	21.03		678.000	21 07	
555 000	20.97		617 000	21.02		679 000	21 07	
556.000	20.98		618.000	21 03	31 80	680.000	21 07	
557 000	20.98		619 000	21 03		681 000	21 07	
558.000	20.98		620.000	21.02		682.000	21.07	
559 000	20.99		621 000	21 03		683 000	21 07	
560.000	20.98		622.000	21 03		684.000	21.07	
561 000	20.99		623.000	21 03		685 000	21 07	
562.000	20.98		624.000	21 03		686.000	21 08	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas
687 000	21 07		749 000	21 13		811 000	21 16	
688.000	21.08		750.000	21 13		812.000	21 16	
689 000	21.08		751 000	21 13		813.000	21 16	
690.000	21.08		752.000	21 13		814.000	21 16	
691 000	21.05		753.000	21 13		815 000	21 16	
692.000	21 05		754.000	21 13		816.000	21 17	
693 000	21.06		755 000	21 13		817 000	21 16	
694.000	21.05		756.000	21 13		818.000	21 16	
695 000	21.06		757 000	21 14		819 000	21 17	
696.000	21.06		758.000	21 14		820.000	21 16	
697 000	21.06		759 000	21 14		821 000	21 17	
698.000	21.07		760.000	21 14		822.000	21 17	
699 000	21.07		761 000	21 14		823.000	21 17	
700.000	21.08		762.000	21 14		824.000	21 17	
701 000	21.08		763.000	21 14		825.000	21 17	
702.000	21.08		764.000	21 14		826.000	21 17	
703.000	21.08		765 000	21 14		827 000	21 17	
704.000	21.08		766.000	21 14		828.000	21 17	
705 000	21.09		767 000	21 14		829 000	21 18	
706.000	21.08		768.000	21 14		830.000	21 17	
707 000	21.09		769 000	21 14		831 000	21 18	
708.000	21.09		770.000	21 14		832.000	21 18	
709 000	21.09		771 000	21 15		833.000	21 17	
710.000	21 10		772.000	21 15		834.000	21 17	
711 000	21 10		773.000	21 14		835 000	21 17	
712.000	21 10		774.000	21 15		836.000	21 17	
713.000	21 10		775.000	21 14		837 000	21 17	
714.000	21 10		776.000	21 15		838.000	21 17	
715.000	21 10		777 000	21 15		839 000	21 17	
716.000	21 10		778.000	21 15		840.000	21 17	
717 000	21 10		779 000	21 15		841 000	21 18	
718.000	21 11		780.000	21 15		842.000	21 18	
719 000	21 11	31 88	781 000	21 15		843 000	21 18	
720.000	21 11		782.000	21 15		844.000	21 18	
721 000	21 11		783.000	21 15		845 000	21 18	
722.000	21 11		784.000	21 16		846.000	21 18	
723.000	21 11		785 000	21 15		847 000	21 18	
724.000	21 12		786.000	21 16		848.000	21 18	
725 000	21 11		787 000	21 15		849 000	21 18	
726.000	21 11		788.000	21 15		850.000	21 18	
727 000	21 11		789 000	21 15		851 000	21 18	
728.000	21 11		790.000	21 15		852.000	21 18	
729 000	21 12		791 000	21 15		853.000	21 18	
730.000	21 12		792.000	21 15		854.000	21 18	
731 000	21 12		793.000	21 16		855.000	21 18	
732.000	21 12		794.000	21 15		856.000	21 18	
733 000	21 12		795 000	21 16		857 000	21 18	
734 000	21 13		796.000	21 16		858.000	21 18	
735 000	21 12		797 000	21 16		859 000	21 18	
736.000	21 12		798.000	21 16		860.000	21 18	
737 000	21 12		799 000	21 16		861 000	21 18	
738.000	21 11		800.000	21 16		862.000	21 18	
739 000	21 11		801 000	21 16		863 000	21 18	
740.000	21 11		802.000	21 16		864.000	21 18	
741 000	21 12		803 000	21 16		865 000	21 18	
742.000	21 12		804 000	21 16		866.000	21 18	
743 000	21 12		805 000	21 16		867 000	21 19	
744 000	21 12		806.000	21 16		868.000	21 19	
745 000	21 12		807 000	21 16		869 000	21 18	
746.000	21 12		808.000	21 16		870.000	21 18	31 96
747 000	21 13		809 000	21 16		871 000	21 18	
748.000	21 13		810.000	21 17		872.000	21 18	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.
873 000	21 19							
874.000	21 19							

Well 21091 File 05
SE1000B
Environmental Logger
04/30 08 20

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 31 98
Scale factor 4 89
Offset 0 06

Step# 0 04/29 11 43

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.
0 0000	31 97		43.0000	32.00		86.0000	32.01	
1 0000	31 97		44.0000	32.00		87.0000	32.01	
2.0000	31 98		45.0000	32.00		88.0000	32.01	
3 0000	31 98		46.0000	32.00		89.0000	32.00	
4 0000	31 98		47.0000	32.00		90.0000	32.00	
5 0000	31 98		48.0000	32.00		91.0000	31 98	
6.0000	31 98		49.0000	32.00		92.0000	31 98	
7 0000	31 98		50.0000	32.00		93.0000	31 98	
8 0000	31 98		51.0000	32.00		94.0000	31 97	
9 0000	31 98		52.0000	32.00		95.0000	31 96	
10 0000	31 98		53 0000	32.00		96.0000	31 96	
11 0000	31 98		54 0000	32.00		97 0000	31 96	
12.0000	31 98		55 0000	32 00		98.0000	31 95	
13 0000	31 99		56.0000	32.00		99.0000	31 95	
14 0000	31 99		57 0000	32.00		100.000	31 95	
15 0000	31 98		58.0000	32.00		101 000	31 95	
16.0000	31 99		59 0000	32.00		102.000	31 95	
17 0000	31 98		60.0000	32 01		103 000	31 95	
18 0000	31 99		61 0000	32.01		104 000	31 95	
19 0000	31 99		62.0000	32 01		105 000	31 95	
20 0000	31 99		63 0000	32 01		106.000	31 95	
21 0000	31 99		64 0000	32 00		107 000	31 95	
22.0000	31 99		65 0000	32 01		108.000	31 95	
23 0000	31 99		66.0000	32 01		109 000	31 95	
24 0000	31 99		67 0000	32 01		110.000	31 95	
25 0000	31 99		68 0000	32 00		111 000	31 94	
26.0000	31 99		69 0000	32 00		112.000	31 94	
27 0000	32.00		70 0000	32.00		113 000	31 95	
28.0000	31 99		71 0000	32 01		114 000	31 94	
29 0000	32.00		72.0000	32.01		115 000	31 94	
30 0000	31 99		73 0000	32 01		116.000	31 94	
31 0000	32.00		74 0000	32 01		117 000	31 94	
32.0000	31 99		75 0000	32.01		118.000	31 94	
33 0000	31 99		76.0000	32 01		119 000	31 94	
34 0000	32.00		77 0000	32.01		120.000	31 94	
35 0000	31 99		78 0000	32.01		121 000	31 94	
36.0000	31 99		79 0000	32.01		122.000	31 94	
37 0000	31 99		80.0000	32.01		123 000	31 93	
38 0000	32.00		81 0000	32 01		124 000	31 94	
39 0000	32.00		82.0000	32 01		125 000	31 94	
40 0000	32.00		83 0000	32 01		126.000	31 94	
41 0000	32.00		84 0000	32 01		127 000	31 94	
42.0000	32.00		85 0000	32 01		128 000	31 94	

162.000	31 92	224.000	31 94	286.000	31 93	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
315 000	31 90		377 000	31 90		439 000	31 93	
316.000	31.90		378.000	31 90		440.000	31 93	
317 000	31 90		379 000	31 90		441 000	31 94	
318.000	31 90		380.000	31 90		442.000	31 94	
319 000	31 90		381 000	31 90		443.000	31 95	
320.000	31.90		382.000	31 90		444.000	31 95	
321 000	31 90		383.000	31 90		445.000	31 95	
322.000	31 90		384.000	31 90		446.000	31 95	
323 000	31 90		385 000	31 90		447 000	31 95	
324.000	31 90		386.000	31 90		448.000	31 95	
325 000	31.90		387 000	31 90		449 000	31 95	
326.000	31 90		388.000	31.90		450.000	31 95	
327 000	31 90		389 000	31 90		451 000	31 95	
328.000	31 90		390.000	31 90		452.000	31 96	
329 000	31.90		391 000	31 90		453.000	31 96	
330.000	31.90		392.000	31 90		454.000	31 96	
331 000	31.90		393.000	31 90		455.000	31 96	
332.000	31.90		394.000	31 91		456.000	31 97	
333 000	31 90		395.000	31 91		457 000	31 96	
334.000	31.90		396.000	31 91		458.000	31 97	
335 000	31.90		397 000	31 90		459 000	31 96	
336.000	31 90		398.000	31 91		460.000	31 97	
337 000	31 90		399 000	31 91		461 000	31 96	
338.000	31 90		400.000	31 91		462.000	31 96	
339 000	31 90		401 000	31 90		463.000	31 97	
340.000	31.89		402.000	31 90		464.000	31 97	
341 000	31.89		403 000	31 91		465 000	31 97	
342.000	31.90		404.000	31 91		466.000	31 97	
343 000	31.89		405.000	31 91		467 000	31 97	
344.000	31 90		406.000	31 91		468.000	31 98	
345 000	31.89		407 000	31 91		469 000	31 97	
346.000	31.89		408.000	31 91		470.000	31 98	
347 000	31 90		409 000	31 91		471 000	31 98	
348.000	31 90		410.000	31 91		472.000	31 98	
349 000	31 89		411 000	31 91		473 000	31 98	
350.000	31 89		412.000	31 91		474.000	31 98	
351 000	31 90		413.000	31 91		475 000	31 97	
352.000	31.90		414.000	31 91		476.000	31 98	
353.000	31 89		415 000	31 91		477 000	31 98	
354 000	31 90		416.000	31 91		478.000	31 98	
355 000	31 89		417 000	31 91		479 000	31 98	
356.000	31 90		418.000	31 91		480.000	31 98	
357 000	31 90		419 000	31 91		481 000	31 98	
358.000	31 89		420.000	31 91		482.000	31 98	
359 000	31 90		421 000	31 91		483.000	31 99	
360.000	31 90		422.000	31 91		484.000	31 98	
361 000	31.89		423.000	31 91		485.000	31 99	
362.000	31 89		424.000	31 91		486.000	31 99	
363 000	31 89		425.000	31 90		487 000	31 99	
364.000	31.89		426.000	31 89		488.000	31 99	
365 000	31 89		427 000	31 89		489 000	31 98	
366.000	31 90		428.000	31 90		490.000	31 99	
367 000	31 90		429 000	31 90		491 000	31 99	
368.000	31 90		430.000	31 91		492.000	31 99	
369 000	31 90		431 000	31 90		493 000	31 99	
370.000	31 89		432.000	31 91		494.000	31 99	
371 000	31 90		433 000	31 91		495 000	31 99	
372.000	31 89		434.000	31 92		496.000	31 99	
373 000	31 89		435 000	31 92		497 000	32.00	
374.000	31 90		436.000	31 93		498.000	32.00	
375 000	31 90		437 000	31 93		499 000	32.00	
376.000	31 90		438.000	31 93		500.000	32.00	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
129 000	31 94		191 000	31 93		253.000	31 93	
130.000	31 93		192.000	31 93		254.000	31 93	
131 000	31 94		193.000	31 94		255 000	31 93	
132.000	31 93		194.000	31 93		256.000	31 93	
133 000	31.93		195.000	31 94		257 000	31 93	
134.000	31 93		196.000	31 94		258.000	31 93	
135 000	31 93		197 000	31 94		259.000	31 93	
136.000	31 93		198.000	31 94		260.000	31 93	
137 000	31.93		199 000	31 94		261 000	31 93	
138.000	31.93		200.000	31 92		262.000	31 93	
139 000	31 93		201 000	31 92		263.000	31 93	
140.000	31 93		202.000	31 92		264.000	31 93	
141 000	31.93		203.000	31.92		265.000	31 93	
142.000	31 93		204.000	31 92		266.000	31 93	
143.000	31.93		205.000	31 93		267 000	31.93	
144.000	31 92		206.000	31 93		268.000	31 93	
145 000	31 93		207 000	31 93		269 000	31 93	
146.000	31 92		208.000	31 93		270.000	31 93	
147 000	31 92		209 000	31 94		271 000	31 93	
148.000	31 93		210.000	31 94		272.000	31 93	
149 000	31 92		211 000	31 94		273.000	31 93	
150.000	31.93		212.000	31 94		274.000	31 93	
151 000	31 93		213.000	31 94		275 000	31 93	
152.000	31 92		214.000	31 94		276.000	31 93	
153 000	31 93		215 000	31 94		277 000	31 93	
154.000	31 92		216.000	31 94		278.000	31 93	
155 000	31 92		217 000	31 94		279 000	31 93	
156.000	31 92		218.000	31 94		280.000	31 93	
157 000	31 92		219 000	31 94		281 000	31 92	
158.000	31 92		220.000	31 94		282.000	31 93	
159 000	31 92		221 000	31 94		283.000	31 93	
160.000	31 92		222.000	31 94		284.000	31 92	
161 000	31 92		223 000	31 94		285.000	31 92	
162.000	31 92		224.000	31 94		286.000	31 93	
163 000	31 92		225.000	31 94		287 000	31 93	
164.000	31 92		226.000	31 95		288.000	31 92	
165.000	31.92		227 000	31 94		289 000	31 92	
166.000	31 92		228.000	31 94		290.000	31 93	
167 000	31 92		229 000	31 94		291 000	31 92	
168.000	31 92		230.000	31 94		292.000	31 92	
169 000	31 92		231 000	31 94		293 000	31 92	
170.000	31 92		232.000	31 94		294.000	31 92	
171 000	31 92		233 000	31 94		295 000	31 93	31 92
172.000	31 92		234.000	31 94		296.000	31 92	
173 000	31 91		235 000	31 94		297 000	31 92	
174.000	31 92	31 93	236.000	31 94		298.000	31 92	
175 000	31 91		237 000	31 94		299 000	31 91	
176.000	31 91		238.000	31 94		300.000	31 91	
177 000	31 92		239 000	31 94		301 000	31 91	
178.000	31 91		240.000	31 94		302.000	31 91	
179 000	31 91		241 000	31 94		303 000	31 90	
180.000	31 91		242.000	31 94		304.000	31 91	
181 000	31 91		243 000	31 94		305 000	31 90	
182.000	31 91		244.000	31 94		306.000	31 90	
183 000	31 92		245.000	31 94		307 000	31 90	
184.000	31 92		246.000	31 94		308.000	31 90	
185 000	31 93		247 000	31 94		309 000	31 90	
186.000	31 92		248.000	31 94		310.000	31 90	
187 000	31 93		249 000	31 93		311 000	31 90	
188.000	31 93		250.000	31 93		312.000	31 90	
189 000	31 93		251 000	31 93		313 000	31 90	
190.000	31 93		252.000	31 94		314.000	31 90	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
501 000	32.00		563 000	32.05		625.000	32.09	
502.000	32.00		564.000	32.05		626.000	32.08	
503 000	32.00		565 000	32.05		627 000	32.09	
504.000	32.00		566.000	32.05		628.000	32.08	
505 000	32.00		567 000	32.05		629.000	32.09	
506.000	32.00		568.000	32.05		630.000	32.09	
507 000	32.00		569 000	32.05		631 000	32.08	
508.000	32.00		570.000	32.05		632.000	32.09	
509 000	32.00		571 000	32.05		633.000	32.08	
510.000	32.00		572.000	32.06		634.000	32.08	
511 000	32.00		573 000	32.06		635.000	32.09	
512.000	32.01		574.000	32.06		636.000	32.09	
513.000	32.00		575 000	32.06		637 000	32.09	32.10
514.000	32.00		576.000	32.05		638.000	32.09	
515.000	32.01		577 000	32.06		639 000	32.09	
516.000	32.01		578.000	32.05		640.000	32.06	
517 000	32.01		579 000	32.06		641 000	32.04	
518.000	32.01		580.000	32 06		642.000	32.04	
519 000	32.01		581 000	32.06		643.000	32.05	
520.000	32.01		582.000	32.06		644.000	32.05	
521 000	32.01		583.000	32 06		645 000	32.06	
522.000	32.01		584.000	32.06		646.000	32.06	
523 000	32.01		585 000	32.06		647 000	32.07	
524.000	32.01		586.000	32.07		648.000	32.07	
525 000	32.01		587 000	32.07		649 000	32.08	
526.000	32.01		588.000	32.07		650.000	32.09	
527 000	32.01		589 000	32.07		651 000	32.09	
528.000	32.01		590.000	32.06		652.000	32.08	
529 000	32.01		591 000	32.07		653.000	32.09	
530.000	32.02		592.000	32.06		654.000	32.09	
531 000	32.02		593.000	32.07		655.000	32.09	
532.000	32.01		594.000	32.07		656.000	32.09	
533 000	32.02		595 000	32.06		657 000	32.10	
534.000	32.02		596.000	32.08		658.000	32.10	
535 000	32.02		597 000	32.07		659 000	32.10	
536.000	32.02		598.000	32.07		660.000	32.10	
537 000	32.02		599 000	32.07		661 000	32.11	
538.000	32.02		600.000	32.07		662.000	32.11	
539 000	32.02		601 000	32.08		663.000	32.11	
540.000	32.02		602.000	32.07		664.000	32.10	
541 000	32.02		603 000	32.08		665 000	32.11	
542.000	32.03	32.04	604.000	32.07		666.000	32.11	
543 000	32.02		605 000	32.08		667 000	32.11	
544.000	32.02		606.000	32.08		668.000	32.12	
545 000	32.02		607 000	32.07		669 000	32.11	
546.000	32.02		608.000	32.07		670.000	32.12	
547 000	32.03		609 000	32 08		671 000	32.11	
548.000	32.03		610.000	32.08		672.000	32.12	
549 000	32.03		611 000	32 07		673 000	32.12	
550.000	32.03		612.000	32.08		674.000	32.12	
551 000	32.03		613 000	32.08		675 000	32.12	
552.000	32.03		614.000	32.08		676.000	32.12	
553 000	32.03		615 000	32.08		677 000	32.12	
554.000	32.03		616.000	32.08		678.000	32.13	
555 000	32.04		617 000	32.08		679 000	32.13	
556.000	32.04		618.000	32.08		680.000	32.12	
557 000	32.04		619 000	32 08		681 000	32.13	
558.000	32.04		620.000	32.08		682.000	32.13	
559 000	32.04		621 000	32.09		683 000	32.13	
560.000	32.04		622.000	32.09		684.000	32.13	
561 000	32.05		623 000	32.08		685 000	32 13	
562.000	32.04		624 000	32.08		686.000	32.13	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
687 000	32.13		749 000	32.15		811 000	32.16	
688.000	32.14		750.000	32.15		812.000	32.16	
689 000	32.14		751 000	32.15		813.000	32.15	
690.000	32.14		752.000	32.15		814.000	32.15	
691 000	32.14		753.000	32.15		815.000	32.16	
692.000	32.13		754.000	32.15		816.000	32.16	
693 000	32.14		755.000	32.15		817 000	32.16	
694 000	32.14		756.000	32.15		818.000	32.16	
695 000	32.14		757 000	32.15		819 000	32.16	
696.000	32.14		758.000	32.15		820.000	32.16	
697 000	32.14		759 000	32.15		821 000	32.16	
698.000	32.14		760.000	32.15		822.000	32.16	
699 000	32.14		761 000	32.15		823.000	32.16	
700.000	32.14		762.000	32.15		824.000	32.16	
701 000	32.14		763.000	32.15		825.000	32.16	
702.000	32.14		764.000	32.15		826.000	32.16	
703.000	32.14		765.000	32.15		827 000	32.16	
704.000	32.14		766.000	32.16		828.000	32.16	
705 000	32.14		767 000	32.15		829 000	32.16	
706.000	32.14		768.000	32.15		830.000	32.16	
707 000	32.14		769.000	32.15		831.000	32.16	
708.000	32.14		770.000	32.15		832.000	32.16	
709 000	32.14		771 000	32.15		833.000	32.16	
710.000	32.14		772.000	32.15		834.000	32.16	
711 000	32.14		773 000	32.16	32.18	835 000	32.16	
712.000	32.14		774.000	32.12		836.000	32.17	
713.000	32.14		775 000	32.15		837 000	32.16	
714.000	32.14		776.000	32.16		838.000	32.17	
715.000	32.14		777 000	32.16		839 000	32.17	
716.000	32.14		778.000	32.15		840.000	32.16	
717 000	32.14		779 000	32.15		841 000	32.16	
718.000	32.14		780.000	32.15		842.000	32.17	
719 000	32.14		781 000	32.15		843.000	32.17	
720.000	32.14		782.000	32.15		844.000	32.16	
721 000	32.14		783.000	32.15		845.000	32.16	
722.000	32.14		784.000	32.15		846.000	32.17	
723.000	32.14		785 000	32.15		847 000	32.17	
724.000	32.14		786.000	32.15		848.000	32.17	
725 000	32.14		787 000	32.15		849 000	32.17	
726.000	32.14		788.000	32.15		850.000	32.16	
727 000	32.14		789 000	32.15		851 000	32.17	
728.000	32.14		790.000	32.15		852.000	32.16	
729 000	32.14		791 000	32.15		853 000	32.16	
730.000	32.14		792.000	32.15		854.000	32.16	
731 000	32.14		793.000	32.15		855.000	32.16	
732.000	32.14		794.000	32.15		856.000	32.16	
733.000	32.14		795 000	32.15		857 000	32.16	
734.000	32.14		796.000	32.15		858.000	32.16	
735 000	32.14		797 000	32.15		859 000	32.16	
736.000	32.15		798.000	32.15		860.000	32.16	
737 000	32.15		799 000	32.15		861 000	32.16	
738.000	32.15		800.000	32.16		862.000	32.16	
739 000	32.14		801 000	32.15		863 000	32.16	
740.000	32.15		802.000	32.15		864.000	32.17	
741 000	32.15		803.000	32.15		865 000	32.17	
742.000	32.15		804.000	32.15		866.000	32.17	
743 000	32.15		805 000	32.15		985 000	32.21	
744.000	32.14		806.000	32.16		986.000	32.21	
745 000	32.15		807 000	32.15		987 000	32.21	
746.000	32.15		808.000	32.16		988.000	32.21	
747 000	32.15		809 000	32.15		989 000	32.21	
748.000	32.15		810.000	32.16		990.000	32.21	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
991 000	32.21		1053.00	32.23		1115.00	32.24	
992.000	32.21		1054 00	32.23		1116.00	32.24	
993 000	32.22		1055.00	32.23		1117.00	32.24	
994.000	32.21		1056.00	32.23		1118.00	32.24	
995.000	32.22		1057.00	32.23		1119.00	32.24	
996.000	32.22		1058.00	32.23		1120.00	32.24	
997 000	32.22		1059.00	32.23		1121.00	32.24	
998.000	32.22		1060.00	32.23		1122.00	32.24	
999 000	32.22		1061.00	32.23		1123.00	32.24	
1000.00	32.21		1062.00	32.23		1124.00	32.24	
1001.00	32.21		1063.00	32.23		1125.00	32.24	
1002.00	32.22		1064.00	32.23		1126.00	32.24	
1003.00	32.21		1065.00	32.23		1127.00	32.24	
1004.00	32.21		1066.00	32.23		1128.00	32.24	
1005.00	32.22		1067.00	32.23		1129.00	32.25	
1006.00	32.22		1068.00	32.23		1130.00	32.25	
1007.00	32.22		1069.00	32.23		1131.00	32.25	
1008.00	32.22		1070.00	32.23		1132.00	32.25	
1009.00	32.22		1071 00	32.23		1133 00	32.25	32.30
1010.00	32.21		1072.00	32.23		1134.00	32.25	
1011.00	32.22		1073.00	32.23		1135.00	32.25	
1012.00	32.22		1074.00	32.23		1136.00	32.25	
1013.00	32.22		1075.00	32.23		1137.00	32.23	
1014 00	32.22		1076.00	32.23		1138.00	32.21	
1015.00	32.22		1077.00	32.23		1139.00	32.22	
1016.00	32.21		1078.00	32.23		1140.00	32.22	
1017.00	32.23		1079.00	32.23		1141.00	32.22	
1018.00	32.22		1080.00	32.23		1142.00	32.22	
1019.00	32.22	32.24	1081.00	32.23		1143.00	32.23	
1020.00	32.22		1082.00	32.23		1144.00	32.11	
1021.00	32.22		1083.00	32.23		1145 00	32.03	
1022.00	32.22		1084.00	32.23		1146.00	31 97	
1023.00	32.22		1085.00	32.23		1147.00	31 91	
1024.00	32.22		1086.00	32.23		1148.00	31 85	
1025.00	32.22		1087.00	32.23		1149 00	31 84	
1026.00	32.22		1088.00	32.23		1150.00	31 84	
1027 00	32.23		1089.00	32.23		1151 00	31 85	
1028.00	32.22		1090.00	32.23		1152.00	31 87	
1029.00	32.22		1091.00	32.24		1153.00	31 89	
1030.00	32.22		1092.00	32.23		1154.00	31 91	
1031 00	32.23		1093.00	32.23		1155 00	31 93	
1032.00	32.22		1094 00	32.23		1156.00	31 95	
1033.00	32.23		1095 00	32.23		1157 00	31 96	
1034.00	32.22		1096.00	32.23		1158.00	31 98	
1035.00	32.22		1097 00	32.24		1159.00	31 99	
1036.00	32.23		1098.00	32.23		1160 00	32.00	
1037 00	32.23		1099.00	32.23		1161.00	32.01	
1038 00	32.23		1100.00	32.23		1162.00	32.01	
1039 00	32.22		1101.00	32.24		1163 00	32 02	
1040 00	32.23		1102.00	32.23		1164 00	32.03	
1041 00	32.23		1103.00	32.23		1165.00	32.04	
1042.00	32.23		1104.00	32.24		1166.00	32.04	
1043 00	32.22		1105 00	32.24		1167 00	32.04	
1044 00	32.23		1106.00	32.23		1168.00	32.05	
1045.00	32.23		1107 00	32.23		1169 00	32.05	
1046.00	32.23		1108.00	32.24		1170 00	32.06	
1047 00	32.23		1109 00	32.23		1171 00	32.07	
1048 00	32.23		1110.00	32.23		1172.00	32.07	
1049 00	32.23		1111 00	32.24		1173 00	32.07	
1050 00	32.23		1112.00	32.24		1174 00	32.08	
1051 00	32.23		1113 00	32.24		1175 00	32.08	
1052.00	32.23		1114 00	32.24		1176.00	32.09	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1177 00	32.09							
1178 00	32.10							
1179 00	32.10							
1180 00	32.10							
1181.00	32.10							
1182.00	32.10							
1183.00	32.11							
1184 00	32.11							
1185 00	32.12							
1186.00	32.12							
1187 00	32.12							
1188.00	32.12							
1189 00	32.12							
1190.00	32.12							
1191 00	32.12							
1192.00	32.12							
1193 00	32.12							
1194 00	32.13							
1195 00	32.12							
1196.00	32.13							
1197 00	32.13							
1198.00	32.13							
1199 00	32.13							
1200 00	32.13							
1201 00	32.13							
1202.00	32.13							
1203.00	32.14							
1204 00	32.13							
1205 00	32.13							
1206.00	32.13							
1207 00	32.14							
1208.00	32.14							
1209 00	32.14							
1210.00	32.14							
1211 00	32.14							
1212.00	32.14							
1213 00	32.14							
1214 00	32.14							
1215 00	32.14							
1216.00	32.14							
1217 00	32.14							
1218 00	32.14							
1219 00	32.15							
1220 00	32.14							
1221.00	32.14							
1222.00	32.15							
1223 00	32.14							
1224 00	32.14							
1225 00	32.14							
1226.00	32.13							
1227 00	32.12							
1228.00	32.12							
1229 00	32.12							
1230 00	32.12							
1231 00	32.11							
1232.00	32.12							
1233 00	32.11	32.12						

Well 21091 File 06
SE1000B
Environmental Logger
05/01 05.34

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 32 14
Scale factor 4 89
Offset 0 06

Step# 0 04/30 08 49

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.
0 0000	32.14	32.14	43.0000	32.13		185.000	32.15	
1 0000	32.14		44.0000	32.13		186.000	32.16	
2.0000	32.13		45.0000	32.13		187 000	32.15	
3 0000	32.13		46.0000	32.13		188.000	32.15	
4.0000	32.13		47.0000	32.13		189 000	32.15	
5.0000	32.13		48.0000	32.14		190.000	32.16	
6.0000	32.13		49 0000	32.13		191 000	32.15	
7 0000	32.13		50.0000	32.13		192.000	32.15	
8.0000	32.13		51.0000	32.13		193.000	32.15	
9 0000	32.13		52.0000	32.13		194.000	32.15	
10 0000	32.13		53.0000	32.13		195 000	32.15	
11 0000	32.13		54.0000	32.14		196.000	32.15	
12.0000	32.13		55.0000	32.13		197 000	32.15	
13 0000	32.13		56.0000	32.14		198.000	32.15	
14 0000	32.13		57 0000	32.13		199.000	32.15	
15.0000	32.13		58.0000	32.13		200.000	32.15	
16.0000	32.13		59 0000	32.14		201 000	32.16	
17 0000	32.13		60.0000	32.13		202.000	32.16	
18.0000	32.13		61 0000	32.13		203 000	32.16	
19 0000	32.13		62.0000	32.13		204.000	32.16	32 15
20.0000	32.13		63.0000	32.13		205 000	32.16	
21 0000	32.12		64 0000	32.13		206.000	32.15	
22.0000	32.12		65 0000	32.14		207 000	32.15	
23 0000	32.13		66.0000	32.14		208.000	32.15	
24 0000	32.13		67.0000	32.14		209 000	32.15	
25 0000	32.13		68 0000	32.14		210.000	32.15	
26.0000	32.13		69 0000	32.13		211 000	32.15	
27 0000	32.13		70 0000	32.13		212.000	32.15	
28.0000	32.12		71 0000	32.13		213 000	32.15	
29 0000	32.13		72.0000	32.13		214 000	32.15	
30.0000	32.13		73.0000	32.14		215 000	32.14	
31 0000	32.13		74 0000	32.14		216.000	32.15	
32.0000	32.13		75 0000	32.13		217 000	32.15	
33 0000	32.13		76.0000	32.13		218.000	32.14	
34 0000	32.13		77.0000	32.14		219 000	32.14	
35 0000	32.12		78 0000	32.14		220.000	32.14	
36.0000	32.13		79 0000	32.14		221 000	32.14	
37 0000	32.13		80 0000	32.14		222.000	32.14	
38 0000	32.13		81 0000	32.14		223 000	32 14	
39 0000	32.13		82.0000	32 14		224 000	32.14	
40 0000	32.13		182.000	32.16		225 000	32 14	
41 0000	32.13		183 000	32.15		226.000	32.14	
42.0000	32.13		184 000	32 15		227 000	32 14	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
228.000	32.14		290.000	32.14		352.000	32.15	
229 000	32.14		291 000	32.14		353 000	32.14	
230.000	32.14		292.000	32.14		354 000	32.14	
231 000	32.14		293.000	32.14		355 000	32.14	
232.000	32.14		294.000	32.14		356.000	32.14	
233.000	32.14		295 000	32.14		357 000	32.14	
234.000	32.14		296.000	32.14		358.000	32.14	
235.000	32.14		297 000	32.14		359 000	32.14	
236.000	32.13		298.000	32.14		360.000	32.14	
237 000	32.14		299 000	32.14		361 000	32.15	
238.000	32.14		300.000	32.14		362.000	32.14	
239 000	32.13		301 000	32.14		363.000	32.14	
240.000	32.14		302.000	32.14		364.000	32.14	
241 000	32.14		303.000	32.14		365.000	32.14	32.14
242.000	32.14		304.000	32.14		366.000	32.14	
243.000	32.14		305 000	32.14		367 000	32.15	
244.000	32.14		306.000	32.14		368.000	32.14	
245 000	32.14		307 000	32.14		369 000	32.14	
246.000	32.14		308.000	32.14		370.000	32 14	
247 000	32.14		309 000	32.14		371 000	32.14	
248.000	32.14		310.000	32.14		372.000	32.14	
249 000	32.14		311 000	32.14		373 000	32.14	
250.000	32.14		312.000	32.14		374.000	32.14	
251 000	32.13		313.000	32.14		375.000	32.14	
252.000	32.14		314.000	32.15		376.000	32.14	
253 000	32.13		315.000	32.14		377 000	32.14	
254.000	32.13		316.000	32.14		378.000	32.13	
255 000	32.13		317 000	32.14		379 000	32.14	
256.000	32.13		318.000	32.15		380.000	32.14	
257 000	32.13		319 000	32.15		381 000	32.14	
258.000	32.13		320.000	32.14		382.000	32.14	
259 000	32.14		321 000	32.15		383 000	32.14	
260.000	32.13		322.000	32.15		384 000	32.14	
261 000	32.13		323.000	32.15		385 000	32.14	
262.000	32.14		324.000	32.15		386.000	32.14	
263 000	32.13		325.000	32.15		387 000	32.14	
264.000	32.14		326.000	32.15		388.000	32.14	
265 000	32.13		327 000	32.15		389 000	32.14	
266.000	32.13		328.000	32.15		390.000	32.14	
267 000	32.14		329 000	32.15		391 000	32.14	
268.000	32.13		330.000	32.15		392.000	32.15	
269 000	32.14		331 000	32.15		393 000	32.14	
270.000	32.14		332.000	32.15		394 000	32.14	
271 000	32.14		333.000	32.15		395 000	32.14	
272.000	32.14		334.000	32.15		396.000	32.14	
273 000	32.14		335 000	32.15		397 000	32.14	
274.000	32.14		336.000	32.15		398.000	32.14	
275 000	32.13		337 000	32.15		399 000	32.15	
276.000	32.14		338.000	32.15		400.000	32.14	
277 000	32.14		339 000	32.15		401 000	32.15	
278.000	32.14		340.000	32.15		402.000	32.14	
279 000	32.14		341 000	32.15		403.000	32.14	
280.000	32.14		342.000	32.15		404.000	32.15	
281 000	32.14		343 000	32.15		405 000	32.15	
282.000	32.14		344 000	32.15		406.000	32.14	
283 000	32.14		345 000	32.15		407 000	32.14	
284.000	32.14		346.000	32.15		408.000	32.15	
285 000	32.14		347 000	32.15		409 000	32.14	
286.000	32.14		348.000	32.15		410.000	32.15	
287 000	32.14		349 000	32.14		411 000	32.15	
288.000	32.14		350.000	32.14		412.000	32 14	
289 000	32.14		351 000	32.14		413 000	32.14	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
414.000	32.14		476.000	32.15		538.000	32.17	
415 000	32.14		477 000	32.15		539 000	32.17	
416.000	32.14		478.000	32.15		540.000	32.17	
417 000	32.14		479 000	32.15		541 000	32.17	
418.000	32.15		480.000	32.16		542.000	32.18	
419 000	32.15		481 000	32.16		543.000	32.17	
420.000	32.14		482.000	32.16		544.000	32.17	
421 000	32.14		483.000	32.16		545.000	32.17	
422.000	32.15		484.000	32.16		546.000	32.17	
423.000	32.14		485.000	32.15		547 000	32.18	
424.000	32.15		486.000	32.16		548.000	32.17	
425.000	32.14		487 000	32.16		549 000	32.18	
426.000	32.15		488.000	32.16		550.000	32.17	
427 000	32.15		489 000	32.16		551.000	32.18	
428.000	32.15		490.000	32.16		552.000	32.18	
429 000	32.15		491 000	32.16		553 000	32.18	
430.000	32.15		492.000	32.15		554.000	32.17	
431 000	32.15		493.000	32.15		555.000	32.18	
432.000	32.15		494.000	32.15		556.000	32.18	
433.000	32.15		495.000	32.15		557 000	32.18	
434.000	32.15		496.000	32.15		558.000	32.18	
435 000	32.15		497 000	32.15		559 000	32.17	
436.000	32.15		498.000	32.15		560.000	32.18	
437 000	32.15		499.000	32.16		561 000	32.18	
438.000	32.15		500.000	32.15		562.000	32.18	
439 000	32.15		501 000	32.16		563.000	32.18	
440.000	32.15		502.000	32.16		564.000	32.18	
441 000	32.15		503.000	32.16		565 000	32.18	
442.000	32.15		504.000	32.15		566.000	32.18	
443.000	32.15		505.000	32.16		567 000	32.18	
444.000	32.15		506.000	32.15		568.000	32.18	
445 000	32.15		507 000	32.16		569.000	32.18	
446.000	32.15		508.000	32.15		570.000	32.18	
447 000	32.15		509 000	32.16		571 000	32.18	
448.000	32.15		510.000	32.16		572.000	32.19	
449 000	32.15		511 000	32.16		573.000	32.18	
450.000	32.15		512.000	32.16		574.000	32.18	
451 000	32.15		513.000	32.16		575 000	32.18	
452.000	32.15		514.000	32.16	32.16	576.000	32.18	
453 000	32.15		515 000	32.16		577 000	32.18	
454.000	32.15		516.000	32.16		578.000	32.18	
455 000	32.15		517 000	32.16		579 000	32.19	
456.000	32.15		518.000	32.16		580.000	32.18	
457 000	32.15		519 000	32.16		581 000	32.18	
458.000	32.15		520.000	32.15		582.000	32.18	
459 000	32.15		521 000	32.16		583.000	32.18	
460.000	32.15		522.000	32.15		584.000	32.18	
461 000	32.15		523.000	32.16		585.000	32.19	
462.000	32.15		524.000	32.16		586.000	32.19	
463 000	32.14		525 000	32.16		587 000	32.18	
464.000	32.14		526.000	32.16		588.000	32.19	
465 000	32.15		527 000	32.17		589 000	32.18	
466.000	32.15		528.000	32.16		590.000	32.19	
467 000	32.15		529 000	32.17		591 000	32.18	
468.000	32.14		530.000	32.17		592.000	32.19	
469 000	32.15		531 000	32.17		593 000	32.19	
470.000	32.15		532.000	32.17		594.000	32.19	
471 000	32.15		533.000	32.17		595 000	32.19	
472.000	32.15		534.000	32.17		596.000	32.18	
473 000	32.15		535 000	32.17		597 000	32.19	
474.000	32.15		536.000	32.17		598.000	32.19	
475 000	32.15		537 000	32.17		599 000	32.19	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
600.000	32.19		662.000	32.23		724.000	32.26	
601 000	32.19		663.000	32.23		725.000	32.27	
602.000	32.18		664.000	32.23		726.000	32.27	
603 000	32.19		665.000	32.23		727 000	32.27	
604.000	32.19		666.000	32.22		728.000	32.27	
605 000	32.20		667 000	32.23		729 000	32.27	
606.000	32.19		668.000	32.23		730.000	32.27	
607 000	32.20		669 000	32.23		731 000	32.28	
608.000	32.20		670.000	32.22		732.000	32.27	
609 000	32.20		671 000	32.23		733.000	32.28	
610.000	32.19		672.000	32.22		734.000	32.28	
611 000	32.20		673 000	32.23		735 000	32.28	
612.000	32.19		674.000	32.23		736.000	32.28	
613.000	32.20		675.000	32.23		737 000	32.28	
614.000	32.20		676.000	32.23		738.000	32.28	
615 000	32.20		677 000	32.23		739 000	32.28	
616.000	32.20		678.000	32.23		740.000	32.28	
617 000	32.20		679 000	32.23		741 000	32.28	
618.000	32.20		680.000	32.24		742.000	32.28	
619 000	32.20		681 000	32.24		743.000	32.28	
620.000	32.20		682.000	32.24		744.000	32.28	
621 000	32.20		683.000	32.24		745 000	32.28	
622.000	32.20		684.000	32.24		746.000	32.28	
623.000	32.20		685 000	32.24		747 000	32.29	
624.000	32.21		686.000	32.23		748.000	32.29	
625 000	32.20	32.20	687 000	32.24		749 000	32.29	
626.000	32.21		688.000	32.24		750.000	32.28	
627 000	32.21		689 000	32.23		751 000	32.29	
628.000	32.21		690.000	32.24		752.000	32.29	
629 000	32.21		691 000	32.24		753.000	32.29	
630.000	32.21		692.000	32.24		754.000	32.29	
631 000	32.21		693.000	32.24		755.000	32.29	
632.000	32.21		694.000	32.24		756.000	32.29	
633.000	32.21		695.000	32.24		757 000	32.29	
634 000	32.21		696.000	32.25		758.000	32.29	
635 000	32.21		697 000	32.25		759 000	32.29	
636.000	32.21		698.000	32.24		760.000	32.29	
637 000	32.21		699 000	32.25		761 000	32.29	
638.000	32.21		700.000	32.25		762.000	32.29	
639 000	32.21		701 000	32.24		763 000	32.30	
640.000	32.21		702.000	32.25		764.000	32.29	
641 000	32.21		703 000	32.25		765 000	32.29	
642.000	32.21		704.000	32.25		766.000	32.30	
643 000	32.21		705 000	32.25		767 000	32.30	
644 000	32.22		706.000	32.25		768.000	32.30	
645 000	32.22		707 000	32.25		769 000	32.30	
646.000	32.22		708.000	32.25		770.000	32.30	
647 000	32.22		709 000	32.25		771 000	32.30	
648.000	32.22		710.000	32.25		772.000	32.30	
649 000	32.22		711 000	32.25		773 000	32.30	
650.000	32.22		712.000	32.25		774 000	32.30	
651 000	32.22		713 000	32.26	32.26	775 000	32.30	
652.000	32.22		714.000	32.26		776.000	32.30	
653 000	32.22		715 000	32.26		777 000	32.30	
654.000	32.22		716.000	32.26		778.000	32.30	
655 000	32.22		717 000	32.26		779 000	32.30	
656.000	32.22		718.000	32.26		780.000	32.30	
657 000	32.22		719 000	32.26		781 000	32.30	
658.000	32.22		720.000	32.26		782.000	32.30	
659 000	32.22		721 000	32.26		783.000	32.31	
660.000	32.22		722.000	32.27		784.000	32.30	
661 000	32.23		723 000	32.27		785 000	32.30	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
786.000	32.31		848.000	32.34		910.000	32.38	
787 000	32.31		849 000	32.35		911 000	32.38	
788.000	32.31		850.000	32.35		912.000	32.38	
789 000	32.31		851 000	32.35		913.000	32.38	
790.000	32.31		852.000	32.35		914.000	32.38	
791 000	32.31		853.000	32.36		915 000	32.39	
792.000	32.31		854.000	32.35		916.000	32.39	
793 000	32.31		855.000	32.36		917 000	32.38	
794.000	32.31		856.000	32.36		918.000	32.39	
795 000	32.31		857 000	32.36		919 000	32.39	
796.000	32.31		858.000	32.35		920.000	32.38	
797 000	32.31		859 000	32.36		921 000	32.38	
798.000	32.31		860.000	32.36		922.000	32.38	
799 000	32.31		861.000	32.36		923.000	32.38	
800.000	32.31		862.000	32.36		924.000	32.38	
801 000	32.31		863.000	32.36		925.000	32.38	
802.000	32.31		864.000	32.36		926.000	32.38	
803.000	32.31		865 000	32.36		927 000	32.39	
804.000	32.31		866.000	32.36		928.000	32.39	
805 000	32.31		867 000	32.37		929 000	32.39	
806.000	32.32		868.000	32.36		930.000	32.38	
807 000	32.31		869 000	32.37		931 000	32.39	
808.000	32.32		870.000	32.37		932.000	32.39	
809 000	32.32		871 000	32.37		933.000	32.39	
810.000	32.32		872.000	32.37		934.000	32.39	
811 000	32.32		873 000	32.37		935 000	32.39	
812.000	32.32		874.000	32.37		936.000	32.39	
813 000	32.32		875 000	32.37		937 000	32.39	
814.000	32.32		876.000	32.37		938.000	32.39	
815 000	32.32		877 000	32.37		939 000	32.38	
816.000	32.33		878.000	32.37		940.000	32.39	
817 000	32.32		879 000	32.37		941 000	32.39	
818.000	32.32		880.000	32.37		942.000	32.39	32.40
819 000	32.32		881 000	32.38		943.000	32.39	
820.000	32.32		882.000	32.37		944.000	32.39	
821 000	32.33		883.000	32.37		945 000	32.39	
822.000	32.32		884.000	32.37		946.000	32.39	
823 000	32.27		885.000	32.37		947 000	32.40	
824.000	32.27		886.000	32.38		948.000	32.39	
825 000	32.28		887 000	32.38		949 000	32.39	
826.000	32.28		888.000	32.37		950.000	32.39	
827 000	32.30		889 000	32.38		951 000	32.40	
828.000	32.30		890.000	32.37		952.000	32.39	
829 000	32.30	32.32	891 000	32.38		953.000	32.40	
830.000	32.31		892.000	32.38		954.000	32.40	
831 000	32.32		893.000	32.38		955 000	32.40	
832.000	32.31		894.000	32.38		956.000	32.40	
833 000	32.32		895 000	32.37		957 000	32.39	
834.000	32.32		896.000	32.38		958.000	32.40	
835 000	32.33		897 000	32.38		959 000	32.40	
836.000	32.33		898.000	32.38		960.000	32.40	
837 000	32.33		899 000	32.38		961 000	32.40	
838.000	32.33		900.000	32.38		962.000	32.40	
839 000	32.33		901 000	32.38		963 000	32.40	
840.000	32.33		902.000	32.38		964.000	32.40	
841 000	32.34		903 000	32.38		965 000	32.41	
842.000	32.34		904.000	32.38		966.000	32.40	
843 000	32.34		905 000	32.38		967 000	32.40	
844 000	32.34		906.000	32.38		968.000	32.40	
845 000	32.34		907 000	32.38		969 000	32.41	
846.000	32.34		908.000	32.38		970.000	32.41	
847 000	32.34		909 000	32.39		971 000	32.40	

Elapsed Tim	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
972.000	32.41		1034 00	32.43		1096.00	32.46	
973 000	32.41		1035 00	32.43		1097 00	32.46	
974.000	32.41		1036.00	32.43		1098 00	32.46	
975.000	32.41		1037 00	32.43		1099.00	32.46	
976.000	32.41		1038.00	32.43		1100.00	32.46	
977 000	32.41		1039.00	32.43		1101.00	32.46	
978.000	32.41		1040.00	32.43		1102.00	32.46	
979 000	32.41		1041 00	32.43		1103.00	32.46	
980.000	32.41		1042.00	32.43		1104.00	32.46	
981 000	32.41		1043.00	32.43		1105.00	32.47	
982.000	32.41		1044.00	32.43		1106.00	32.47	
983.000	32.41		1045.00	32.43		1107.00	32.46	
984.000	32.41		1046.00	32.43		1108.00	32.46	
985.000	32.41		1047.00	32.43		1109.00	32.47	
986.000	32.41		1048.00	32.43		1110.00	32.47	
987 000	32.42		1049.00	32.43		1111.00	32.46	
988.000	32.41		1050.00	32.43		1112.00	32.47	
989 000	32.41		1051.00	32.43		1113 00	32.47	
990.000	32.41		1052.00	32.43		1114.00	32.47	
991 000	32.41		1053.00	32.43		1115 00	32.47	
992.000	32.41		1054.00	32.43		1116.00	32.47	
993 000	32.42		1055.00	32.43		1117.00	32.47	
994.000	32.41		1056.00	32.43		1118.00	32.47	
995 000	32.42		1057.00	32.44		1119.00	32.47	
996.000	32.41		1058.00	32.44	32 46	1120.00	32.47	
997 000	32.42		1059 00	32.43		1121 00	32.47	
998.000	32.41		1060.00	32.44		1122.00	32.48	
999 000	32.42		1061 00	32.44		1123 00	32.47	
1000.00	32.42		1062.00	32.44		1124.00	32.47	
1001.00	32.41		1063.00	32.44		1125.00	32.47	
1002.00	32.42		1064 00	32.44		1126.00	32.47	
1003.00	32.42		1065.00	32.44		1127 00	32.47	
1004 00	32.41		1066.00	32.44		1128.00	32.48	
1005 00	32.42		1067.00	32.44		1129 00	32.47	
1006.00	32.42		1068.00	32.44		1130.00	32.48	
1007 00	32.42		1069 00	32.44		1131.00	32.48	
1008.00	32.42		1070.00	32.45		1132.00	32.48	
1009.00	32.42		1071.00	32.45		1133.00	32.48	
1010.00	32.42		1072.00	32.44		1134 00	32.48	
1011 00	32.42		1073 00	32.45		1135.00	32.48	
1012.00	32.42		1074.00	32.45		1136.00	32.48	
1013 00	32.42		1075 00	32.45		1137.00	32.48	
1014 00	32.42		1076.00	32.45		1138.00	32.48	
1015 00	32.43		1077.00	32.45		1139.00	32.48	
1016.00	32.42		1078.00	32.45		1140.00	32.48	
1017 00	32.42		1079 00	32.45		1141.00	32.48	
1018 00	32.42		1080.00	32.45		1142.00	32.49	
1019 00	32.42		1081.00	32.45		1143 00	32.48	
1020.00	32.43		1082.00	32.45		1144 00	32.48	
1021 00	32.43		1083.00	32.45		1145.00	32.48	
1022.00	32.43		1084.00	32.45		1146.00	32.48	
1023 00	32.43		1085.00	32.45		1147 00	32.48	
1024.00	32.43		1086.00	32.46		1148.00	32.48	
1025.00	32.42		1087 00	32.45		1149 00	32.49	
1026.00	32.42		1088.00	32.45		1150 00	32.49	
1027 00	32.43		1089 00	32.46		1151 00	32.48	
1028 00	32.43		1090.00	32.46		1152.00	32.48	
1029 00	32.42		1091 00	32.46		1153 00	32.48	
1030 00	32.43		1092.00	32.46		1154 00	32.48	
1031 00	32.42		1093.00	32.46		1155 00	32.49	
1032.00	32.43		1094 00	32.46		1156.00	32.48	
1033 00	32.43		1095 00	32.46		1157 00	32.49	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1158 00	32.49		1220.00	32.52				
1159 00	32.50		1221 00	32.52				
1160.00	32.49		1222.00	32.52				
1161 00	32.49		1223 00	32.52				
1162.00	32.49		1224.00	32.52				
1163.00	32.49		1225.00	32.52				
1164 00	32.49		1226.00	32.52				
1165.00	32.49		1227.00	32.52				
1166.00	32.49		1228.00	32.53				
1167.00	32.49		1229.00	32.52				
1168.00	32.49		1230.00	32.52				
1169.00	32.50		1231.00	32.53				
1170.00	32.49		1232.00	32.53				
1171.00	32.50		1233.00	32.53				
1172.00	32.49		1234.00	32.53				
1173.00	32.49		1235.00	32.52				
1174.00	32.50		1236.00	32.52				
1175.00	32.50		1237.00	32.52				
1176.00	32.50	32.52	1238.00	32.53				
1177 00	32.50		1239.00	32.53				
1178.00	32.50		1240.00	32.53				
1179.00	32.50		1241 00	32.53				
1180 00	32.51		1242.00	32.53				
1181.00	32.50		1243.00	32.53				
1182.00	32.51							
1183.00	32.50							
1184 00	32.50							
1185.00	32.51							
1186.00	32.50							
1187.00	32.51							
1188.00	32.51							
1189.00	32.51							
1190.00	32.51							
1191 00	32.51							
1192.00	32.51							
1193 00	32.51							
1194 00	32.51							
1195.00	32.52							
1196.00	32.52							
1197 00	32.51							
1198 00	32.52							
1199 00	32.51							
1200.00	32.52							
1201.00	32.52							
1202.00	32.51							
1203.00	32.52							
1204 00	32.52							
1205 00	32.52							
1206.00	32.52							
1207 00	32.52							
1208 00	32.52							
1209 00	32.51							
1210 00	32.52							
1211 00	32.52							
1212.00	32.52							
1213 00	32.52							
1214 00	32.52							
1215 00	32.52							
1216.00	32.52							
1217 00	32.52							
1218 00	32.52							
1219 00	32.52							

Well 21091 File 07
SE1000B
Environmental Logger
05/02 05 51

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 32.56
Scale factor 4 89
Offset 0 06

Step# 0 05/01 05 51

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	32.56		43 0000	32.58		185 000	32.47	
1.0000	32.56		44.0000	32.58		186.000	32.47	
2.0000	32.56		45.0000	32.58		187 000	32.48	
3 0000	32.56		46.0000	32.58		188.000	32.49	
4 0000	32.56		47.0000	32.58		189 000	32.50	
5 0000	32.56		48.0000	32.58		190.000	32.50	
6.0000	32.56		49 0000	32.58		191 000	32.51	
7 0000	32.56		50.0000	32.58		192.000	32.51	
8 0000	32.56		51.0000	32.58		193 000	32.52	
9 0000	32.56		52.0000	32.58		194.000	32.52	
10.0000	32.56		53.0000	32.58		195.000	32.52	
11.0000	32.56		54.0000	32.58		196.000	32.52	
12.0000	32.56		55 0000	32.58		197 000	32.53	
13 0000	32.56		56.0000	32.58		198.000	32.53	
14 0000	32.57		57.0000	32.58		199 000	32.53	
15 0000	32.56		58 0000	32.58		200.000	32.53	
16.0000	32.56		59 0000	32.58		201 000	32.53	
17.0000	32.56		60.0000	32.58		202.000	32.53	
18 0000	32.56		61.0000	32.58		203 000	32.53	
19 0000	32.57		62.0000	32.58		204.000	32.53	
20 0000	32.56		63.0000	32.58		205 000	32.53	
21 0000	32.57		64 0000	32.59		206.000	32.53	
22.0000	32.57		65 0000	32.58		207 000	32.53	
23 0000	32.57		66.0000	32.58		208.000	32.53	
24 0000	32.57		67 0000	32.59		209 000	32.53	
25 0000	32.57		68 0000	32.59		210.000	32.53	332.53
26.0000	32.57		69 0000	32.59		211 000	32.52	
27 0000	32.57		70 0000	32.58		212.000	32.53	
28 0000	32.57		71 0000	32.59		213 000	32.53	
29 0000	32.57		72.0000	32.59		214 000	32.53	
30 0000	32.57		73 0000	32.58		215 000	32.52	
31 0000	32.57		74.0000	32.59		216.000	32.53	
32.0000	32.57		75 0000	32.58		217 000	32.52	
33 0000	32.57		76.0000	32.58		218.000	32.53	
34.0000	32.57		77 0000	32.59		219 000	32.53	
35.0000	32.57		78.0000	32.59		220.000	32.53	
36.0000	32.58		79 0000	32.59		221 000	32.53	
37 0000	32.58		80.0000	32.59		222.000	32.53	
38.0000	32.57		81 0000	32.59		223.000	32.53	
39 0000	32.58		82.0000	32.59		224 000	32.53	
40 0000	32.58		182.000	32.53		225 000	32.52	
41 0000	32.58		183 000	32.47		226.000	32.52	
42.0000	32.58		184.000	32.46		227 000	32.53	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
228.000	32.52		290.000	32.53		352.000	32.54	
229 000	32.53		291 000	32.53		353.000	32.54	
230.000	32.53		292.000	32.53		354.000	32.54	
231 000	32.53		293.000	32.53		355.000	32.54	
232.000	32.53		294.000	32.53		356.000	32.54	
233.000	32.53		295 000	32.54		357 000	32.54	
234.000	32.52		296.000	32.53		358.000	32.53	
235 000	32.53		297 000	32.53		359 000	32.54	
236.000	32.53		298.000	32.54		360.000	32.54	
237 000	32.53		299 000	32.54		361 000	32.54	
238.000	32.53		300.000	32.54		362.000	32.54	
239 000	32.53		301 000	32.54		363.000	32.54	
240.000	32.53		302.000	32.54		364.000	32.54	
241 000	32.53		303.000	32.54		365.000	32.54	
242.000	32.53		304.000	32.54		366.000	32.54	
243.000	32.52		305.000	32.53		367 000	32.54	
244.000	32.53		306.000	32.53		368.000	32.54	
245 000	32.52		307 000	32.53		369 000	32.54	
246.000	32.53		308.000	32.54		370.000	32.54	
247 000	32.52		309 000	32.53		371 000	32.54	
248.000	32.53		310.000	32.53		372.000	32.54	
249 000	32.52		311 000	32.53		373 000	32.55	
250.000	32.52		312.000	32.54		374.000	32.54	32.52
251 000	32.52		313.000	32.53		375.000	32.54	
252.000	32.52		314.000	32.54		376.000	32.54	
253.000	32.52		315.000	32.53		377 000	32.54	
254.000	32.52		316.000	32.54		378.000	32.54	
255 000	32.52		317 000	32.53		379 000	32.54	
256.000	32.53		318.000	32.53		380.000	32.54	
257 000	32.52		319 000	32.53		381 000	32.54	
258.000	32.53		320.000	32.54		382.000	32.54	
259 000	32.52		321 000	32.54		383.000	32.54	
260.000	32.53		322.000	32.54		384.000	32.53	
261 000	32.52		323 000	32.54		385.000	32.53	
262.000	32.53		324.000	32.54		386.000	32.53	
263.000	32.52		325 000	32.54		387 000	32.53	
264.000	32.52		326.000	32.54		388.000	32.52	
265 000	32.52		327 000	32.54		389 000	32.52	
266.000	32.53		328.000	32.54		390.000	32.52	
267 000	32.53		329 000	32.54		391 000	32.52	
268.000	32.53		330.000	32.54		392.000	32.52	
269 000	32.53		331 000	32.53		393.000	32.52	
270.000	32.53		332.000	32.54		394.000	32.52	
271 000	32.53		333 000	32.54		395 000	32.52	
272.000	32.53		334.000	32.54		396.000	32.52	
273 000	32.53		335.000	32.54		397 000	32.52	
274.000	32.53		336.000	32.54		398.000	32.52	
275 000	32.53		337 000	32.54		399 000	32.52	
276.000	32.53		338.000	32.53		400.000	32.52	
277 000	32.53		339 000	32.54		401 000	32.51	
278.000	32.53		340.000	32.54		402.000	32.51	
279 000	32.53		341 000	32.54		403.000	32.52	
280.000	32.53		342.000	32.54		404.000	32.51	
281 000	32.53		343.000	32.54		405 000	32.52	
282.000	32.53		344.000	32.54		406.000	32.51	
283 000	32.53		345 000	32.54		407 000	32.51	
284.000	32.53		346.000	32.54		408.000	32.51	
285 000	32.53		347 000	32.53		409 000	32.51	
286.000	32.53		348.000	32.54		410.000	32.51	
287 000	32.54		349 000	32.54		411 000	32.51	
288.000	32.53		350.000	32.54		412.000	32.51	
289 000	32.54		351 000	32.54		413 000	32.51	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
414.000	32.51		476.000	32.52		538.000	32.54	
415 000	32.51		477 000	32.52		539 000	32.52	
416.000	32.51		478.000	32.52		540.000	32.53	
417 000	32.51		479 000	32.52		541 000	32.53	
418.000	32.51		480.000	32.52		542.000	32.53	
419 000	32.51		481 000	32.52		543 000	32.53	
420.000	32.51		482.000	32.51		544.000	32.53	
421 000	32.51		483.000	32.51		545.000	32.53	
422.000	32.51		484.000	32.51		546.000	32.53	
423 000	32.51		485 000	32.51		547 000	32.54	
424.000	32.51		486.000	32.51		548.000	32.53	
425 000	32.51		487 000	32.51		549 000	32.53	
426.000	32.51		488.000	32.51		550.000	32.53	
427 000	32.51		489 000	32.51		551 000	32.53	
428.000	32.51		490.000	32.51		552.000	32.53	
429 000	32.51		491 000	32.51		553.000	32.53	
430.000	32.50		492.000	32.51		554.000	32.54	
431 000	32.51		493.000	32.51		555 000	32.53	
432.000	32.51		494.000	32.51		556.000	32.53	
433.000	32.51		495.000	32.51		557 000	32.54	
434.000	32.51		496.000	32.51		558.000	32.54	
435 000	32.51		497 000	32.51		559 000	32.54	
436.000	32.51		498.000	32.51		560.000	32.53	
437 000	32.51		499 000	32.51		561 000	32.54	
438.000	32.51		500.000	32.51		562.000	32.53	
439 000	32.51		501 000	32.51		563.000	32.54	
440.000	32.51		502.000	32.51		564.000	32.54	
441 000	32.51		503.000	32.51		565 000	32.54	
442.000	32.51		504.000	32.51		566.000	32.54	
443.000	32.51		505.000	32.51		567 000	32.54	
444.000	32.51		506.000	32.52		568.000	32.54	
445.000	32.51		507 000	32.52		569 000	32.54	
446.000	32.51		508.000	32.52		570.000	32.54	
447 000	32.51		509 000	32.52		571 000	32.54	
448.000	32.52		510.000	32.52		572.000	32.54	
449 000	32.52		511 000	32.52		573 000	32.54	
450.000	32.51		512.000	32.52		574.000	32.55	
451 000	32.52		513.000	32.51		575 000	32.55	
452.000	32.52		514.000	32.52		576.000	32.54	
453 000	32.52		515 000	32.52		577 000	32.54	
454.000	32.52		516.000	32.52		578.000	32.55	
455 000	32.52		517 000	32.52		579 000	32.56	
456.000	32.52		518.000	32.52		580.000	32.55	
457 000	32.52		519 000	32.52		581 000	32.55	
458.000	32.52		520.000	32.52		582.000	32.56	
459 000	32.53		521 000	32.52		583 000	32.55	
460.000	32.53		522.000	32.52		584.000	32.55	
461 000	32.52		523.000	32.52		585 000	32.56	
462.000	32.53		524.000	32.53		586.000	32.55	
463 000	32.52		525 000	32.53		587 000	32.56	
464 000	32.53		526.000	32.53		588.000	32.55	
465 000	32.53		527 000	32.53		589 000	32.56	
466.000	32.52		528.000	32.53		590.000	32.55	
467 000	32.52		529 000	32.53		591 000	32.55	
468.000	32.52		530.000	32.53		592.000	32.56	
469 000	32.52		531 000	32.53		593 000	32.56	
470.000	32.52		532.000	32.53		594.000	32.56	
471 000	32.52		533 000	32.53		595 000	32.56	
472.000	32.52		534.000	32.53		596.000	32.56	
473 000	32.52		535 000	32.53		597 000	32.56	
474 000	32.53		536.000	32.53		598.000	32.56	
475 000	32.52		537 000	32.53		599 000	32.56	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
600.000	32.56		662.000	32.58		724.000	32.59	
601 000	32.56		663.000	32.57		725.000	32.60	
602.000	32.56		664.000	32.58		726.000	32.60	
603 000	32.56		665.000	32.57		727 000	32.60	
604.000	32.56		666.000	32.58		728.000	32.60	
605 000	32.56		667 000	32.58		729 000	32.60	
606.000	32.56		668.000	32.58		730.000	32.60	
607 000	32.56		669 000	32.58		731 000	32.61	
608.000	32.57		670.000	32.57		732.000	32.60	
609 000	32.56		671 000	32.58		733.000	32.61	
610.000	32.57		672.000	32.58		734.000	32.60	
611 000	32.56		673.000	32.58		735.000	32.60	
612.000	32.57		674.000	32.58		736.000	32.61	
613.000	32.57		675.000	32.58		737 000	32.60	
614.000	32.56		676.000	32.58		738.000	32.61	
615 000	32.57		677 000	32.58		739 000	32.61	
616.000	32.57		678.000	32.58		740.000	32.61	
617 000	32.56		679.000	32.58		741.000	32.61	
618.000	32.57		680.000	32.58		742.000	32.61	
619 000	32.57		681.000	32.58		743.000	32.61	
620.000	32.57		682.000	32.58		744.000	32.61	
621 000	32.56		683.000	32.58		745.000	32.61	
622.000	32.56		684.000	32.58		746.000	32.61	
623.000	32.57		685.000	32.58		747 000	32.61	
624.000	32.57		686.000	32.58		748.000	32.62	
625.000	32.56		687 000	32.58		749 000	32.61	
626.000	32.57		688.000	32.58		750.000	32.61	
627 000	32.56		689 000	32.59		751 000	32.61	
628.000	32.57		690.000	32.59		752.000	32.61	
629 000	32.57		691 000	32.59		753.000	32.62	
630.000	32.57		692.000	32.59		754.000	32.62	
631 000	32.57		693.000	32.59		755.000	32.61	
632.000	32.57		694.000	32.59		756.000	32.62	
633.000	32.57		695.000	32.59		757 000	32.62	
634.000	32.57		696.000	32.60		758.000	32.62	
635 000	32.57		697 000	32.60		759 000	32.62	
636.000	32.57		698.000	32.60		760.000	32.62	
637 000	32.57		699 000	32.60		761 000	32.62	
638.000	32.57		700.000	32.60		762.000	32.62	
639 000	32.57		701 000	32.60		763 000	32.62	
640.000	32.57		702.000	32.60		764.000	32.62	
641 000	32.57		703 000	32.60		765 000	32.62	
642.000	32.57		704.000	32.60		766.000	32.62	
643 000	32.57		705.000	32.60		767 000	32.63	
644.000	32.57		706.000	32.60		768.000	32.62	
645 000	32.57		707 000	32.60		769 000	32.62	
646.000	32.58		708.000	32.60	32.57	770.000	32.63	
647 000	32.57		709 000	32.60		771 000	32.63	
648.000	32.57		710.000	32.60		772.000	32.63	
649 000	32.57		711 000	32.60		773 000	32.63	
650.000	32.57		712.000	32.60		774.000	32.63	
651 000	32.58		713.000	32.60		775 000	32.63	
652.000	32.58		714.000	32.60		776.000	32.63	
653 000	32.58		715 000	32.60		777 000	32.63	
654.000	32.57		716.000	32.61		778.000	32.64	
655 000	32.58		717 000	32.60		779 000	32.64	
656.000	32.58		718.000	32.61		780.000	32.64	
657 000	32.58		719 000	32.60		781 000	32.64	
658.000	32.58		720.000	32.60		782.000	32.64	
659 000	32.57		721 000	32.61		783 000	32.64	
660.000	32.57		722.000	32.60		784.000	32.64	
661 000	32.58		723 000	32.60		785 000	32.64	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
786.000	32.64		848.000	32.70		910.000	32.78	
787 000	32.64		849 000	32.70		911 000	32.78	
788.000	32.64		850.000	32.70		912.000	32.78	
789 000	32.64		851 000	32.71		913.000	32.78	
790.000	32.65		852.000	32.71		914.000	32.78	
791 000	32.65		853.000	32.71		915 000	32.79	
792.000	32.65		854.000	32.71		916.000	32.79	
793.000	32.65		855.000	32.71		917 000	32.79	
794.000	32.65		856.000	32.72		918.000	32.77	
795 000	32.65		857 000	32.72		919 000	32.79	
796.000	32.65		858.000	32.72		920.000	32.78	
797 000	32.65		859 000	32.72		921 000	32.78	
798.000	32.65		860.000	32.72		922.000	32.79	
799 000	32.65		861 000	32.72		923.000	32.79	
800.000	32.65		862.000	32.72		924.000	32.79	
801 000	32.65		863.000	32.72		925.000	32.79	
802.000	32.65		864.000	32.72		926.000	32.79	
803.000	32.66		865.000	32.72		927 000	32.80	
804.000	32.65		866.000	32.72		928.000	32.80	
805 000	32.65		867 000	32.72		929 000	32.80	
806.000	32.65		868.000	32.72		930.000	32.80	
807 000	32.65		869 000	32.72		931 000	32.80	
808.000	32.66		870.000	32.72		932.000	32.81	
809 000	32.65	32.65	871 000	32.72		933.000	32.81	
810.000	32.65		872.000	32.72		934.000	32.82	
811 000	32.65		873.000	32.72		935 000	32.81	
812.000	32.65		874.000	32.73		936.000	32.81	
813.000	32.63		875 000	32.72		937 000	32.81	32 81
814.000	32.63		876.000	32.73		938.000	32.82	
815 000	32.64		877 000	32.73		939 000	32.82	
816.000	32.64		878.000	32.73		940.000	32.82	
817 000	32.64		879 000	32.73		941 000	32.82	
818.000	32.65		880.000	32.73		942.000	32.82	
819 000	32.65		881 000	32.73		943.000	32.82	
820.000	32.65		882.000	32.73		944.000	32.83	
821 000	32.65		883.000	32.74		945 000	32.83	
822.000	32.66		884.000	32.73		946.000	32.83	
823 000	32.66		885 000	32.74		947 000	32.83	
824.000	32.66		886.000	32.74		948.000	32.83	
825 000	32.67		887 000	32.75		949 000	32.83	
826.000	32.67		888.000	32.75		950.000	32 83	
827 000	32.67		889 000	32.74		951 000	32.83	
828.000	32.67		890.000	32.75		952.000	32.83	
829 000	32.67		891 000	32.75		953 000	32.84	
830.000	32.68		892.000	32.75		954.000	32.84	
831 000	32.68		893 000	32.75		955 000	32.84	
832.000	32.68		894.000	32.75		956.000	32.84	
833 000	32.68		895 000	32.75		957 000	32.85	
834.000	32.68		896.000	32.75		958.000	32.85	
835 000	32.68		897 000	32.75		959 000	32.85	
836.000	32.68		898.000	32.76		960.000	32.85	
837 000	32.69		899 000	32.76		961 000	32.85	
838.000	32.69		900.000	32.76		962.000	32 85	
839 000	32.69		901 000	32.76		963 000	32.85	
840.000	32.69		902.000	32.77		964.000	32.85	
841 000	32.69		903.000	32.77		965.000	32 85	
842.000	32.69		904.000	32.77		966.000	32.85	
843 000	32.69		905 000	32.77		967 000	32.85	
844.000	32.70		906.000	32.77		968.000	32.86	
845 000	32.70		907 000	32.78		969 000	32.86	
846.000	32.70		908.000	32.78		970.000	32.86	
847 000	32.70		909 000	32.78		971 000	32.86	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
972.000	32.86		1034.00	32.90		1096.00	32.93	
973 000	32.86		1035.00	32.90		1097.00	32.92	
974.000	32.86		1036.00	32.90		1098.00	32.93	
975 000	32.86		1037.00	32.90		1099.00	32.93	
976.000	32.87		1038.00	32.90		1100.00	32.93	
977 000	32.86		1039.00	32.90		1101.00	32.93	
978.000	32.86		1040.00	32.91		1102.00	32.93	
979 000	32.87		1041.00	32.91		1103.00	32.94	
980.000	32.87		1042.00	32.90		1104.00	32.94	
981 000	32.87		1043.00	32.90		1105.00	32.93	
982.000	32.87		1044.00	32.91		1106.00	32.93	
983.000	32.87		1045.00	32.91		1107.00	32.93	
984.000	32.87		1046.00	32.90		1108.00	32.93	
985 000	32.87		1047 00	32.90		1109.00	32.94	
986.000	32.87		1048.00	32.90		1110.00	32.93	
987 000	32.87		1049.00	32.92		1111.00	32.94	
988.000	32.87		1050.00	32.91		1112.00	32.93	
989 000	32.87		1051.00	32.91		1113.00	32.93	
990.000	32.87		1052.00	32.91		1114 00	32.93	
991 000	32.87		1053.00	32.91		1115 00	32.93	
992.000	32.87		1054 00	32.91		1116.00	32.93	
993 000	32.88		1055.00	32.92		1117.00	32.93	
994.000	32.87		1056.00	32.92	32.91	1118.00	32.94	
995 000	32.88		1057 00	32.92		1119.00	32.94	
996.000	32.88		1058.00	32.92		1120.00	32.93	
997 000	32.88		1059.00	32.92		1121.00	32.94	
998.000	32.88		1060.00	32.91		1122.00	32.93	
999 000	32.88		1061.00	32.89		1123.00	32.94	
1000.00	32.88		1062.00	32.89		1124.00	32.94	
1001.00	32.88		1063.00	32.89		1125.00	32.93	
1002.00	32.89		1064.00	32.89		1126.00	32.93	
1003.00	32.88		1065.00	32.90		1127.00	32.93	
1004.00	32.88		1066.00	32.90		1128.00	32.94	
1005.00	32.89		1067.00	32.91		1129 00	32.93	
1006.00	32.88		1068.00	32.91		1130.00	32.94	
1007 00	32.88		1069 00	32.91		1131.00	32.93	
1008 00	32.88		1070.00	32.91		1132.00	32.93	
1009.00	32.89		1071 00	32.91		1133.00	32.94	
1010.00	32.88		1072.00	32.92		1134 00	32.94	
1011 00	32.89		1073 00	32.91		1135 00	32.94	
1012.00	32.88		1074.00	32.92		1136.00	32.94	
1013 00	32.88		1075.00	32.92		1137 00	32.94	
1014 00	32.89		1076.00	32.92		1138 00	32.94	
1015 00	32.89		1077 00	32.92		1139 00	32.94	
1016.00	32.89		1078.00	32.92		1140 00	32.94	
1017 00	32.89		1079 00	32.92		1141 00	32.94	
1018.00	32.89		1080.00	32.92		1142.00	32.94	
1019 00	32.89		1081.00	32.92		1143.00	32.94	
1020.00	32.89		1082.00	32.92		1144 00	32.94	
1021 00	32.89		1083 00	32.93		1145.00	32.94	
1022.00	32.90		1084 00	32.92		1146.00	32.94	
1023 00	32.89		1085.00	32.93		1147 00	32.94	
1024 00	32.89		1086.00	32.93		1148 00	32.94	
1025.00	32.89		1087 00	32.93		1149 00	32.94	
1026.00	32.89		1088.00	32.92		1150 00	32.94	
1027 00	32.90		1089 00	32.93		1151.00	32.93	
1028 00	32.89		1090 00	32.92		1152.00	32.93	
1029 00	32.90		1091 00	32.92		1153 00	32.94	
1030 00	32.89		1092.00	32.93		1154.00	32 94	
1031 00	32.90		1093.00	32.93		1155 00	32.94	
1032.00	32.90		1094 00	32.92		1156.00	32.94	
1033 00	32.90		1095 00	32.92		1157.00	32.94	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1158.00	32.94	32.94	1220.00	32.95		1282.00	32.96	
1159 00	32.94		1221.00	32.95		1283.00	32.96	
1160 00	32.95		1222.00	32.95		1284.00	32.96	
1161 00	32.94		1223 00	32.95		1285.00	32.96	
1162.00	32.94		1224 00	32.95		1286.00	32.96	
1163.00	32.94		1225 00	32.95		1287.00	32.97	
1164 00	32.94		1226.00	32.95		1288.00	32.96	
1165 00	32.94		1227.00	32.95		1289.00	32.96	
1166.00	32.94		1228.00	32.95		1290.00	32.96	
1167.00	32.94		1229.00	32.93		1291.00	32.96	
1168.00	32.95		1230.00	32.93		1292.00	32.96	
1169.00	32.95		1231 00	32.92		1293.00	32.96	
1170.00	32.94		1232.00	32.93		1294.00	32.96	
1171.00	32.95		1233.00	32.93		1295.00	32.96	
1172.00	32.95		1234.00	32.94		1296.00	32.97	
1173.00	32.95		1235.00	32.94		1297.00	32.96	
1174.00	32.95		1236.00	32.94		1298.00	32.97	
1175.00	32.95		1237.00	32.94		1299.00	32.97	
1176.00	32.95		1238.00	32.94		1300.00	32.97	
1177.00	32.95		1239 00	32.95		1301.00	32.97	
1178 00	32.94		1240.00	32.94		1302.00	32.97	
1179 00	32.95		1241.00	32.95		1303.00	32.96	
1180.00	32.95		1242.00	32.95		1304.00	32.96	
1181.00	32.95		1243.00	32.95		1305.00	32.96	
1182.00	32.95		1244 00	32.95		1306.00	32.96	
1183 00	32.95		1245 00	32.95		1307.00	32.97	
1184 00	32.95		1246.00	32.95		1308.00	32.96	
1185 00	32.95		1247 00	32.95		1309.00	32.97	
1186.00	32.94		1248.00	32.96		1310.00	32.97	
1187.00	32.94		1249 00	32.96		1311.00	32.96	
1188 00	32.95		1250.00	32.95		1312.00	32.96	
1189.00	32.94		1251.00	32.96		1313.00	32.97	
1190.00	32.94		1252.00	32.96		1314.00	32.98	
1191 00	32.94		1253.00	32.95		1315.00	32.97	
1192.00	32.94		1254.00	32.95		1316.00	32.97	
1193 00	32.94		1255 00	32.95		1317 00	32.97	
1194 00	32.95		1256.00	32.95		1318 00	32.97	
1195 00	32.95		1257.00	32.96		1319 00	32.97	
1196.00	32.95		1258.00	32.95		1320.00	32.97	
1197 00	32.95		1259 00	32.95		1321 00	32.97	
1198 00	32.95		1260.00	32.96		1322.00	32.97	
1199 00	32.95		1261 00	32.95		1323 00	32.97	
1200 00	32.94		1262.00	32.95		1324 00	32.97	
1201 00	32.95		1263.00	32.95		1325 00	32.98	
1202.00	32.95		1264 00	32.95		1326.00	32.97	
1203 00	32.95		1265 00	32.96		1327.00	32.98	
1204.00	32.95		1266.00	32.96		1328.00	32.97	
1205 00	32.95		1267.00	32.95		1329.00	32.98	
1206.00	32.95		1268 00	32.96		1330 00	32.98	
1207 00	32.94		1269.00	32.96		1331 00	32.97	
1208 00	32.95		1270.00	32.96		1332.00	32.97	
1209 00	32.95		1271 00	32.96		1333 00	32.97	
1210.00	32.95		1272.00	32.95		1334 00	32.97	
1211 00	32.95		1273 00	32.96		1335 00	32.98	
1212.00	32.95		1274 00	32.96		1336.00	32.98	
1213 00	32.95		1275 00	32.96		1337 00	32.98	
1214 00	32.95		1276.00	32.96		1338.00	32.98	
1215 00	32.95		1277 00	32.96		1339 00	32.97	
1216.00	32.95		1278 00	32.96		1340 00	32.98	
1217 00	32.95		1279 00	32.96		1341 00	32.98	
1218 00	32.95		1280.00	32.96		1342.00	32.97	
1219 00	32.95		1281.00	32.96		1343 00	32.98	

Elapsed Time	Value	Hand Meas
1344.00	32.98	
1345.00	32.98	
1346.00	32.98	
1347 00	32.97	
1348 00	32.98	
1349.00	32.98	
1350.00	32.98	
1351.00	32.98	
1352.00	32.98	
1353.00	32.98	
1354.00	32.98	
1355.00	32.98	
1356.00	32.98	
1357.00	32.98	
1358.00	32.98	
1359.00	32.98	
1360.00	32.98	
1361.00	32.98	
1362.00	32.99	
1363.00	32.99	
1364.00	32.94	32.99
1365.00	32.98	
1366.00	32.98	
1367.00	32.98	
1368.00	32.98	
1369.00	32.98	
1370 00	32.99	
1371.00	32.98	
1372.00	32.99	
1373 00	32.98	
1374 00	32.99	
1375 00	32.99	
1376.00	32.99	
1377 00	32.99	
1378 00	32.99	
1379 00	32.99	
1380 00	32.98	
1381 00	32.99	
1382.00	33 00	
1383.00	33 00	
1384 00	33 00	
1385 00	32.99	
1386.00	32.99	
1387.00	33 00	
1388 00	33.00	
1389 00	32.99	
1390.00	33.00	
1391 00	33 00	
1392.00	33 00	
1393 00	33 00	
1394 00	33.00	
1395 00	32.99	
1396.00	32.99	
1397 00	33.00	
1398 00	33 00	
1399 00	32.99	
1400.00	33 00	
1401 00	33 00	
1402.00	33 00	
1403 00	32.99	
1404 00	32.99	
1405 00	33 00	

Elapsed Time	Value	Hand Meas
1406.00	33.00	
1407.00	33 00	
1408.00	33.00	
1409 00	33 00	
1410.00	33.00	
1411 00	33.00	
1412.00	33 00	
1413.00	33.00	
1414.00	33.00	
1415.00	33.01	
1416.00	33.00	
1417.00	33.01	
1418.00	33.01	
1419.00	33.00	
1420.00	33.00	
1421.00	33.01	
1422.00	33.00	
1423.00	33.00	
1424.00	33 01	
1425.00	33.01	
1426.00	33.00	
1427.00	33 00	
1428.00	33 00	
1429.00	33.01	
1430.00	33.01	
1431.00	33 00	
1432.00	33.00	
1433.00	33.01	
1434.00	33 01	
1435 00	33 01	
1436.00	33.01	
1437.00	33 00	
1438.00	33 00	
1439.00	33 01	

Elapsed Time	Value	Hand Meas

Well 21091 File 08
SE1000B
Environmental Logger
05/03 05.54

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 33 00
Scale factor 4 89
Offset 0 06

Step# 0 05/02 06 11

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	33 00		43.0000	33.02		185.000	32.98	
1 0000	32.99		44 0000	33 01		186.000	32.98	
2.0000	33 00		45.0000	33.01		187 000	32.98	
3.0000	32.99		46.0000	33.02		188.000	32.98	
4 0000	33 00		47.0000	33 01		189 000	32.99	
5 0000	33 00		48.0000	33.01		190.000	32.99	
6.0000	32.99		49 0000	33 02		191 000	32.98	
7 0000	33 00		50.0000	33 02		192.000	32.98	
8 0000	33 00		51.0000	33 02		193.000	32.98	
9 0000	33 00		52.0000	33 01		194.000	32.98	
10.0000	33.00		53.0000	33.01		195.000	32.98	
11.0000	33.00		54.0000	33.01		196.000	32.98	
12.0000	33.00		55.0000	33.01		197 000	32.98	
13.0000	33.00		56.0000	33.01		198.000	32.97	
14 0000	33.00		57.0000	33.01		199.000	32.98	
15.0000	33.01		58.0000	33.01		200.000	32.97	
16.0000	33.01		59 0000	33 00		201 000	32.97	
17 0000	33.01		60.0000	33.01		202.000	32 96	
18.0000	33.00		61.0000	33 01		203 000	32.97	
19 0000	33.01		62.0000	33 00		204.000	32.96	
20 0000	33 00		63 0000	33 01		205 000	32.96	
21 0000	33 01		64 0000	33 01		206.000	32 96	
22.0000	33 01		65.0000	33 01		207 000	32 95	
23 0000	33 01		66.0000	33 01		208.000	32 95	
24 0000	33 01		67.0000	33 01		209 000	32.94	
25 0000	33 01		68.0000	33.01		210.000	32 94	
26.0000	33.01		69 0000	33 01		211 000	32.93	
27 0000	33.01		70.0000	33 01		212.000	32.94	
28.0000	33 00		71 0000	33 01		213 000	32.93	
29 0000	33.01		72.0000	33 01		214.000	32.93	
30 0000	33 01		73 0000	33 01		215 000	32.92	
31 0000	33 01		74 0000	33 01		216.000	32 91	
32.0000	33.01		75 0000	33 01		217 000	32.92	
33 0000	33 01		76.0000	33 02		218.000	32.92	
34 0000	33 01		77.0000	33 01		219 000	32.92	
35 0000	33 01		78 0000	33 01		220.000	32 93	
36.0000	33 01		79 0000	33 02		221 000	32.93	
37 0000	33 01		80 0000	33 02		222.000	32 93	
38 0000	33.01		81 0000	33 02		223 000	32 93	
39 0000	33 01		82.0000	33 01		224 000	32 93	
40 0000	33 01		182.000	32.99		225 000	32 93	
41 0000	33 02		183 000	32.99		226.000	32 94	
42.0000	33 01		184 000	32.98		227 000	32.94	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas
228.000	32.94		290.000	32.95		352.000	32.94	
229 000	32.94		291 000	32.95		353.000	32.94	
230.000	32.94		292.000	32.95		354.000	32.94	
231 000	32.94		293.000	32.95		355.000	32.94	
232.000	32.94		294.000	32.95		356.000	32.94	
233.000	32.94		295.000	32.95		357 000	32.94	
234.000	32.94		296.000	32.95		358.000	32.93	
235 000	32.95		297 000	32.95		359.000	32.93	
236.000	32.94		298.000	32.95		360.000	32.93	
237 000	32.94		299 000	32.95		361 000	32.93	
238.000	32.94		300.000	32.95		362.000	32.93	
239 000	32.94		301 000	32.95		363.000	32.94	
240.000	32.95		302.000	32.95		364.000	32.93	
241 000	32.94		303.000	32.95		365.000	32.93	
242.000	32.95		304.000	32.95		366.000	32.94	
243 000	32.95		305 000	32.94		367 000	32.93	
244.000	32.95		306.000	32.95		368.000	32.93	
245.000	32.95		307 000	32.95		369 000	32.93	
246.000	32.94		308.000	32.95		370.000	32.93	
247 000	32.95		309.000	32.95		371 000	32.93	
248.000	32.95		310.000	32.95		372.000	32.93	
249 000	32.95		311 000	32.95		373.000	32.93	
250.000	32.95		312.000	32.95		374.000	32.93	
251 000	32.95		313.000	32.95		375.000	32.93	
252.000	32.95		314.000	32.95		376.000	32.92	
253.000	32.95		315 000	32.95		377 000	32.93	
254.000	32.95		316.000	32.95		378.000	32.93	
255 000	32.95		317 000	32.95		379 000	32 93	
256.000	32.95		318.000	32.94		380.000	32.93	
257 000	32.95		319 000	32.94		381 000	32.93	
258.000	32.95		320.000	32.94		382.000	32.93	
259 000	32.95		321 000	32.94		383.000	32.93	
260.000	32.95		322.000	32.94		384.000	32.92	
261 000	32.95		323.000	32.95		385.000	32.92	
262.000	32.95		324.000	32.94		386.000	32.89	
263.000	32.95		325 000	32.94		387 000	32.93	
264.000	32.95		326.000	32.94		388.000	32.93	
265.000	32.95		327 000	32.94		389 000	32.93	32 93
266.000	32.95		328.000	32.94		390.000	32.93	
267 000	32.95		329 000	32.94		391 000	32.92	
268.000	32.95		330.000	32.94		392.000	32.93	
269 000	32.95		331 000	32.94		393.000	32.93	
270.000	32.95		332.000	32.94		394 000	32.93	
271 000	32.95		333 000	32.94		395 000	32.92	
272.000	32.95		334.000	32.94		396.000	32.93	
273 000	32.95		335 000	32.94		397 000	32.92	
274.000	32.95		336.000	32.94		398.000	32.92	
275 000	32.95		337 000	32.94		399 000	32.91	
276.000	32.95		338.000	32.94		400.000	32.92	
277 000	32.95		339 000	32.94		401 000	32.92	
278.000	32.95		340.000	32.94		402.000	32.92	
279 000	32.95		341 000	32.94		403.000	32.93	
280.000	32.95		342.000	32.94		404.000	32.93	
281 000	32.95		343 000	32.94		405 000	32.93	
282.000	32.95		344.000	32.94		406.000	32.92	
283 000	32.95		345 000	32.94		407 000	32.93	
284.000	32.95		346.000	32.94		408.000	32.93	
285 000	32.95		347 000	32.94		409 000	32.93	
286.000	32.95		348.000	32.94		410.000	32.93	
287 000	32.95		349 000	32.94		411 000	32.93	
288.000	32.95		350.000	32.94		412.000	32.93	
289 000	32.95		351 000	32.94		413 000	32.93	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
414.000	32.93		476.000	32.93		538.000	32.91	
415 000	32.93		477 000	32.93		539 000	32.91	
416.000	32.93		478.000	32.93		540.000	32.91	
417 000	32.93		479 000	32.93		541 000	32.91	
418.000	32.93		480.000	32.93		542.000	32.90	
419 000	32.93		481 000	32.93		543.000	32.91	
420.000	32.93		482.000	32.92		544.000	32.91	
421 000	32.93		483.000	32.92		545 000	32.91	
422.000	32.93		484.000	32.92		546.000	32.91	
423.000	32.93		485 000	32.92		547 000	32.90	
424.000	32.93		486.000	32.92		548.000	32.91	
425 000	32.94		487.000	32.92		549 000	32.91	
426.000	32.93		488.000	32.92		550.000	32.90	
427 000	32.93		489 000	32.92		551 000	32.91	
428.000	32.93		490.000	32.92		552.000	32.90	
429 000	32.93		491 000	32.92	32.93	553.000	32.91	
430.000	32.93		492.000	32.92		554.000	32.90	
431 000	32.93		493.000	32.92		555.000	32.91	
432.000	32.93		494.000	32.91		556.000	32.91	
433 000	32.93		495.000	32.92		557 000	32.91	
434 000	32.92		496.000	32.91		558.000	32.90	
435 000	32.93		497 000	32.90		559 000	32.91	
436.000	32.93		498.000	32.89		560.000	32.90	
437 000	32.93		499 000	32.89		561 000	32.90	
438.000	32.93		500.000	32.89		562.000	32.90	
439 000	32.93		501 000	32.89		563.000	32.90	
440.000	32.93		502.000	32.89		564.000	32.90	
441 000	32.93		503.000	32.89		565.000	32.90	
442.000	32.93		504.000	32.89		566.000	32.90	
443 000	32.93		505.000	32.89		567 000	32.90	
444 000	32.93		506.000	32.90		568.000	32.90	
445 000	32.93		507 000	32.90		569 000	32.90	
446.000	32.93		508.000	32.90		570.000	32.90	
447 000	32.93		509 000	32.91		571 000	32.90	
448.000	32.93		510.000	32.90		572.000	32.90	
449 000	32.93		511 000	32.91		573 000	32.90	
450.000	32.93		512.000	32.91		574 000	32.90	
451 000	32.93		513 000	32.91		575 000	32.90	
452.000	32.93		514.000	32.91		576.000	32.90	
453 000	32.93		515 000	32.91		577 000	32.90	
454 000	32.93		516.000	32.91		578.000	32.90	
455 000	32.93		517 000	32.91		579 000	32.90	
456.000	32.92		518.000	32.91		580.000	32 90	
457 000	32.92		519 000	32.91		581 000	32.90	
458.000	32.92		520.000	32.91		582.000	32.90	
459 000	32.93		521 000	32.91		583 000	32.90	
460.000	32.92		522.000	32.91		584.000	32.90	
461 000	32.93		523.000	32.91		585 000	32.90	
462.000	32.92		524.000	32.91		586.000	32.90	
463 000	32.92		525 000	32.91		587 000	32.90	
464 000	32.92		526.000	32.91		588.000	32.90	
465 000	32.92		527 000	32.91		589 000	32 90	
466.000	32.93		528.000	32.91		590.000	32.90	
467 000	32.93		529 000	32.91		591 000	32.89	
468.000	32.92		530.000	32.91		592.000	32.90	
469 000	32.92		531 000	32.91		593 000	32.90	
470.000	32.93		532.000	32.91		594.000	32.90	
471 000	32.93		533.000	32.91		595 000	32.89	
472.000	32.93		534.000	32.91		596.000	32.90	
473 000	32.92		535 000	32.91		597 000	32.90	
474.000	32.92		536.000	32.91		598.000	32.90	
475 000	32.93		537 000	32.91		599 000	32 90	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
600.000	32.90		662.000	32.93		724.000	32.98	
601 000	32.89		663.000	32.92		725 000	32.99	
602.000	32.90		664.000	32.93		726.000	32.99	
603.000	32.89		665.000	32.93		727 000	32.99	
604.000	32.89		666.000	32.93		728.000	32.98	
605.000	32.89		667 000	32.93		729 000	32.98	
606.000	32.89		668.000	32.93		730.000	32.99	
607 000	32.89		669 000	32.93		731 000	32.98	
608.000	32.90		670.000	32.93		732.000	32.99	
609 000	32.90		671 000	32.93		733.000	32.99	
610.000	32.90		672.000	32.93	32.94	734.000	32.99	
611 000	32.90		673.000	32.93		735 000	32.99	
612.000	32.90		674.000	32.93		736.000	32.99	
613.000	32.91		675.000	32.93		737 000	32.99	
614.000	32.90		676.000	32.93		738.000	32.99	
615 000	32.91		677 000	32.93		739 000	32.99	
616.000	32.91		678.000	32.93		740.000	32.99	
617 000	32.91		679 000	32.93		741 000	32.99	
618.000	32.91		680.000	32.93		742.000	32.99	
619 000	32.91		681 000	32.93		743.000	32.99	
620.000	32.91		682.000	32.93		744.000	32.99	
621 000	32.91		683.000	32.93		745 000	32.99	
622.000	32.92		684.000	32.93		746.000	32.99	
623.000	32.91		685.000	32.93		747 000	32.99	
624.000	32.91		686.000	32.94		748.000	33.00	
625.000	32.92		687 000	32.94		749 000	33 00	
626.000	32.92		688.000	32.95		750.000	32.99	
627 000	32.91		689 000	32.95		751 000	33.00	
628.000	32.92		690.000	32.96		752.000	33 00	
629 000	32.92		691 000	32.95		753.000	32.99	
630.000	32.91		692.000	32.96		754.000	32.99	
631 000	32.92		693.000	32.96		755.000	33 00	
632.000	32.92		694.000	32.96		756.000	33.00	
633.000	32.91		695.000	32.97		757 000	33.00	
634.000	32.91		696.000	32.97		758.000	33.00	
635 000	32.92		697 000	32.97		759 000	33 00	
636.000	32.91		698.000	32.97		760.000	33 00	
637 000	32.92		699 000	32.97		761 000	33 00	
638.000	32.92		700.000	32.97		762.000	33 00	
639 000	32.92		701 000	32.97		763 000	33 00	
640.000	32.92		702.000	32.98		764.000	33 00	
641 000	32.92		703.000	32.97		765 000	33 00	
642.000	32.92		704.000	32.97		766.000	33.00	
643.000	32.92		705.000	32.98		767 000	33.00	
644.000	32.92		706.000	32.97		768.000	33 00	
645 000	32.92		707 000	32.97		769 000	33 00	
646.000	32.92		708.000	32.98		770.000	33 00	
647 000	32.92		709 000	32.98		771 000	33 00	
648.000	32.92		710.000	32.98		772.000	33 00	
649 000	32.92		711 000	32.98		773 000	33 00	
650.000	32.92		712.000	32.98		774.000	33.01	
651 000	32.92		713.000	32.98		775 000	33 00	
652.000	32.92		714.000	32.98		776.000	33 01	
653.000	32.92		715 000	32.98		777 000	33 01	
654.000	32.92		716.000	32.99		778.000	33 01	
655 000	32.92		717 000	32.98		779 000	33 01	
656.000	32.92		718.000	32.98		780.000	33 01	
657 000	32.92		719 000	32.98		781 000	33 01	
658.000	32.92		720.000	32.98		782.000	33 01	
659 000	32.92		721 000	32.98		783 000	33 01	
660.000	32.92		722.000	32.98		784 000	33 01	
661 000	32.92		723 000	32.99		785 000	33.01	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
786.000	33 01		848.000	33 00		910.000	33.00	
787 000	33 01		849 000	33 01		911 000	33 01	
788.000	33.01		850.000	33 01		912.000	33.00	
789 000	33.01		851 000	33 01		913.000	33.00	
790.000	33.01		852.000	33 01		914.000	33 00	
791 000	33.01		853 000	33 01		915.000	33 00	
792.000	33 01		854.000	33.01		916.000	33 00	
793.000	33.01		855 000	33 01		917 000	33.00	
794.000	33.01		856.000	33.01		918.000	33 00	
795.000	33.01		857 000	33 01		919 000	33.00	
796.000	33.01		858.000	33.01		920.000	32.99	
797 000	33.01		859 000	33.01		921 000	33.00	
798.000	33.01		860.000	33.02		922.000	32.99	
799 000	33.01		861 000	33.02		923.000	32.99	
800.000	33 01		862.000	33.02		924.000	32.99	
801 000	33 02		863.000	33 02		925 000	32.99	
802.000	33.02		864.000	33.02		926.000	33 00	
803.000	33.01		865.000	33 02		927 000	33.00	
804.000	33.02		866.000	33 02		928.000	32.99	
805.000	33.02		867 000	33.02		929 000	32.99	
806.000	33.02		868.000	33 02		930.000	32.99	
807 000	33.02		869 000	33 02		931 000	32.99	
808.000	33.01		870.000	33 02		932.000	32.99	
809 000	33 01		871 000	33 02		933.000	32.99	
810.000	33.01		872.000	33.02		934.000	32.99	
811 000	33.01		873.000	33.02		935.000	32.98	
812.000	33 01		874.000	33 02		936.000	32.99	
813.000	33.01		875 000	33.02		937 000	32.99	
814.000	33.02		876.000	33.03		938.000	32.98	
815.000	33 02		877 000	33.03		939 000	32.98	
816.000	33.02		878.000	33 03		940.000	32.98	
817 000	33.02		879 000	33.03		941 000	32.99	
818.000	33.02		880.000	33.03		942.000	32.99	
819 000	33.02		881 000	33.03		943.000	32.98	
820.000	33.02		882.000	33 04		944.000	32.99	
821 000	33 01		883 000	33 03		945 000	32.98	
822.000	32.98		884.000	33 03	33 05	946.000	32.98	
823.000	32.96		885 000	33 05		947 000	32.98	
824.000	32.95		886.000	33 04		948.000	32.98	
825 000	32.94		887 000	33.04		949 000	32.98	
826.000	32.94		888.000	33.03		950.000	32.98	
827 000	32.94		889 000	33 03		951 000	32.99	
828.000	32.94		890.000	33.03		952.000	32.99	
829 000	32.94		891 000	33 02		953 000	32.98	
830.000	32.95		892.000	33.02		954.000	32.98	
831 000	32.95		893 000	33.02		955.000	32.98	
832.000	32.96		894.000	33.02		956.000	32.98	
833 000	32.96		895 000	33.01		957 000	32.98	
834.000	32.97		896.000	33.01		958.000	32.98	
835 000	32.97		897 000	33 01		959 000	32.98	
836.000	32.97		898.000	33 01		960.000	32.98	
837 000	32.98		899 000	33 01		961 000	32.98	
838.000	32.98		900.000	33 01		962.000	32.98	
839 000	32.98		901 000	33 01		963 000	32 97	
840.000	32.98		902.000	33 00		964.000	32.97	
841 000	32.99		903 000	33 00		965 000	32.98	
842.000	32.99		904.000	33 00		966.000	32 97	
843 000	32.99		905 000	33 00		967 000	32.97	
844.000	33 00		906.000	33 01		968.000	32.98	
845 000	33 00		907 000	33 01		969 000	32.97	
846.000	33 00		908.000	33 01		970.000	32.98	
847 000	33 00		909 000	33 00		971 000	32.97	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
972.000	32.98		1034.00	32.98		1096.00	32.96	
973 000	32.97		1035.00	32.99		1097.00	32.96	
974.000	32.98		1036.00	32.98		1098.00	32.95	
975 000	32.97		1037.00	32.98		1099.00	32.96	
976.000	32.97		1038.00	32.99		1100.00	32.95	
977 000	32.97		1039.00	32.98		1101.00	32.94	
978.000	32.97		1040.00	32.99		1102.00	32.94	
979 000	32.97		1041.00	32.98		1103.00	32.94	
980.000	32.98		1042.00	32.97		1104.00	32.94	
981 000	32.98		1043.00	32.97		1105.00	32.95	
982.000	32.97		1044.00	32.97		1106.00	32.95	
983.000	32.97		1045.00	32.97		1107.00	32.95	
984.000	32.97		1046.00	32.97		1108.00	32.95	
985 000	32.97		1047.00	32.98		1109.00	32.95	
986.000	32.98		1048.00	32.98		1110.00	32.96	
987 000	32.97		1049.00	32.98		1111.00	32.96	
988.000	32.97		1050.00	32.98		1112.00	32.96	
989 000	32.97		1051.00	32.97		1113.00	32.96	
990.000	32.97		1052.00	32.98		1114.00	32.97	
991 000	32.98		1053.00	32.97		1115.00	32.96	
992.000	32.99		1054.00	32.98		1116.00	32.96	
993.000	33 00		1055.00	32.97		1117 00	32.96	
994.000	33.00		1056.00	32.97		1118.00	32.97	
995 000	33.00		1057.00	32.98		1119.00	32.96	
996.000	33.00		1058.00	32.97		1120.00	32.96	
997 000	33.01		1059.00	32.97		1121.00	32.96	
998.000	33.01		1060.00	32.97		1122.00	32.96	
999 000	33.01		1061.00	32.97		1123.00	32.96	
1000.00	33.01		1062.00	32.97		1124.00	32.96	
1001.00	33.02		1063 00	32.97		1125.00	32.97	
1002.00	33.02		1064.00	32.97		1126.00	32.97	
1003.00	33.03		1065.00	32.96		1127.00	32.96	
1004.00	33.02		1066.00	32.97		1128.00	32.96	
1005.00	33.02		1067.00	32.97		1129.00	32.96	
1006.00	33.03		1068.00	32.97		1130.00	32.97	
1007 00	33 03		1069.00	32.97		1131 00	32.96	
1008 00	33 03		1070.00	32.97		1132.00	32.97	
1009 00	33 03		1071 00	32.97		1133.00	32.96	
1010.00	33 03		1072.00	32.97		1134 00	32.96	
1011 00	33 03		1073 00	32.96		1135 00	32.96	
1012.00	33.02		1074.00	32.97		1136.00	32.96	
1013 00	33 01		1075 00	32.97		1137.00	32.97	
1014 00	33.01		1076.00	32.96		1138 00	32.97	
1015 00	33.01		1077 00	32.97		1139 00	32.97	32.99
1016.00	33.00		1078.00	32.96		1140 00	32.97	
1017 00	33.00		1079.00	32.97		1141 00	32.97	
1018.00	33.00		1080.00	32.97		1142.00	32.97	
1019 00	33.00		1081.00	32.96		1143.00	32.97	
1020.00	33.00		1082.00	32.96		1144.00	32.98	
1021.00	32.99		1083.00	32.97		1145.00	32.99	
1022.00	33.00		1084.00	32.97		1146.00	33 00	
1023.00	32.99		1085.00	32.97		1147.00	33 00	
1024.00	33.00		1086.00	32.96		1148.00	33 00	
1025 00	33 00		1087.00	32.96		1149 00	33 01	
1026.00	32.99		1088.00	32.96		1150.00	33 01	
1027 00	32.99		1089 00	32.96		1151 00	33 01	
1028 00	32.99		1090.00	32.96		1152.00	33 02	
1029 00	32.99		1091 00	32.96		1153.00	33 01	
1030 00	32.98		1092.00	32.96		1154 00	33 02	
1031 00	32.98		1093.00	32.96		1155 00	33 03	
1032.00	32.98		1094 00	32.96		1156.00	33 02	
1033 00	32.98		1095 00	32.96		1157 00	33 02	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas
1158.00	33.03		1220.00	32.96		1282.00	33.03	
1159 00	33.03		1221.00	32.96		1283.00	33.03	
1160.00	33.03		1222.00	32.96		1284.00	33.03	
1161.00	33.02		1223 00	32.96		1285.00	33.03	
1162.00	33.02		1224 00	32.96		1286.00	33.03	
1163 00	33.01		1225.00	32.97		1287.00	33.02	33 04
1164 00	33.01		1226.00	32.97		1288.00	33.01	
1165.00	33.01		1227.00	32.97		1289.00	33.02	
1166.00	33.00		1228.00	32.97		1290.00	33.01	
1167.00	33.00		1229.00	32.96		1291.00	33.02	
1168.00	33.00		1230.00	32.97		1292.00	33.02	
1169.00	32.99		1231.00	32.97		1293.00	33.01	
1170.00	33.00		1232.00	32.96		1294.00	33.02	
1171.00	32.99		1233.00	32.97		1295.00	33.01	
1172.00	32.98		1234.00	32.97		1296.00	33.01	
1173.00	32.99		1235.00	32.96		1297.00	33.02	
1174 00	32.99		1236.00	32.97		1298.00	33.02	
1175.00	32.99		1237.00	32.96		1299.00	33.01	
1176.00	32.98		1238.00	32.97		1300.00	33 01	
1177 00	32.98		1239.00	32.96		1301.00	33.00	
1178 00	32.98		1240.00	32.97		1302.00	33 01	
1179 00	32.99		1241 00	32.97		1303.00	33 01	
1180.00	32.98		1242.00	32.97		1304 00	33.01	
1181 00	32.98		1243.00	32.97		1305.00	33.01	
1182.00	32.98		1244.00	32.97		1306.00	33.00	
1183.00	32.98		1245.00	32.97		1307.00	32.98	
1184.00	32.98		1246.00	32.97		1308.00	32.99	
1185.00	32.98		1247.00	32.97		1309.00	32.99	
1186.00	32.98		1248.00	32.97		1310.00	33 00	
1187.00	32.98		1249.00	32.97		1311.00	33.01	
1188.00	32.97		1250.00	32.97		1312.00	33.02	
1189.00	32.97		1251.00	32.97		1313.00	33.01	
1190.00	32.97		1252.00	32.97		1314.00	33.02	
1191.00	32.97		1253.00	32.97		1315.00	33.03	
1192.00	32.97		1254 00	32.98		1316.00	33.03	
1193 00	32.97		1255 00	32.98		1317 00	33.04	
1194 00	32.97		1256.00	32.99		1318 00	33 04	
1195.00	32.97		1257 00	33 00		1319.00	33 04	
1196.00	32.97		1258 00	33 00		1320.00	33 04	
1197 00	32.97		1259.00	33 00		1321.00	33 04	
1198.00	32.96		1260.00	33.01		1322.00	33.05	
1199 00	32.97		1261.00	33 01		1323 00	33 05	
1200.00	32.97		1262.00	33 01		1324.00	33 05	
1201 00	32.96		1263.00	33 02		1325.00	33 05	
1202.00	32.96		1264 00	33 02		1326.00	33 06	
1203 00	32.96		1265.00	33 02		1327.00	33 06	
1204 00	32.97		1266.00	33.02		1328 00	33.06	
1205 00	32.96		1267.00	33.02		1329 00	33.06	
1206.00	32.96		1268 00	33 02		1330.00	33 06	
1207 00	32.97		1269.00	33 03		1331 00	33 06	
1208 00	32.97		1270.00	33 02		1332.00	33 06	
1209 00	32.97		1271 00	33 03		1333 00	33 06	
1210 00	32.96		1272.00	33 03		1334 00	33 06	
1211 00	32.96		1273 00	33 03		1335 00	33 06	
1212.00	32.97		1274 00	33 03		1336.00	33 06	
1213 00	32.96		1275 00	33 04		1337.00	33 07	
1214 00	32.96		1276.00	33 03		1338.00	33 07	
1215.00	32.96		1277 00	33.04		1339.00	33 07	
1216.00	32.96		1278 00	33 04		1340.00	33 07	
1217 00	32.97		1279 00	33 04		1341 00	33 07	
1218 00	32.96		1280 00	33 03		1342.00	33 06	
1219 00	32.96		1281 00	33 03		1343 00	33 06	

Elapsed Time	Value	Hand Meas
1344.00	33.06	
1345.00	33.05	
1346.00	33.05	
1347.00	33.05	
1348.00	33.04	
1349 00	33.03	
1350.00	33.03	
1351 00	33.04	
1352.00	33 03	
1353 00	33.03	
1354 00	33.03	
1355 00	33.03	
1356.00	33.02	
1357 00	33.02	
1358.00	33.02	
1359.00	33.02	
1360.00	33.02	
1361.00	33.02	
1362.00	33.02	
1363.00	33.01	
1364.00	33 02	
1365.00	33.02	
1366.00	33 02	
1367.00	33.01	
1368.00	33.01	
1369 00	33.01	
1370.00	33.01	
1371 00	33.01	
1372.00	33.02	
1373 00	33.02	
1374 00	33.01	
1375 00	33.01	
1376.00	33.01	
1377.00	33.01	
1378 00	33.01	
1379 00	33 01	
1380.00	33.01	
1381.00	33 01	
1382.00	33 01	
1383.00	33.00	
1384 00	33 01	
1385 00	33 01	
1386.00	33 01	
1387 00	33 00	
1388 00	33 01	
1389 00	33 01	
1390.00	33 01	
1391 00	33.01	
1392.00	33.01	
1393 00	33 01	
1394 00	33 01	
1395 00	33 01	
1396.00	33 00	
1397 00	33 00	
1398 00	33.00	
1399 00	33 01	
1400.00	33 01	
1401 00	33 01	
1402.00	33 01	
1403 00	33 01	
1404 00	33 01	
1405 00	33 01	

Elapsed Time	Value	Hand Meas
1406.00	33 01	
1407.00	33.01	
1408.00	33 00	
1409.00	33 01	
1410.00	33 01	
1411 00	33.01	
1412.00	33.00	
1413 00	33 01	
1414.00	33 01	
1415 00	33 00	
1416.00	33 00	
1417 00	33 01	
1418.00	33.01	
1419 00	33.01	
1420.00	33.01	
1421.00	33.00	
1422.00	33 00	

Elapsed Time	Value	Hand Meas

Well 21091 File 09
SE1000B
Environmental Logger
05/04 16 30

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 33 02
Scale factor 4 89
Offset 0 06

Step# 0 05/03 06 26

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	33 02	33 02	43 0000	33 07		86.0000	33 06	
1 0000	33 02		44 0000	33 07		87 0000	33 06	33 06
2 0000	33 01		45 0000	33 06		88 0000	33 06	
3 0000	33 02		46.0000	33 07		89 0000	33 06	
4 0000	33 02		47 0000	33 06		90 0000	33 06	
5 0000	33 03		48 0000	33 07		91 0000	33 06	
6 0000	33 04		49 0000	33 06		92.0000	33 06	
7 0000	33 04		50 0000	33.07		93 0000	33 06	
8 0000	33 05		51 0000	33 06		94 0000	33 06	
9 0000	33 05		52 0000	33 06		95 0000	33.06	
10 0000	33 06		53 0000	33 06		96.0000	33 06	
11 0000	33 06		54 0000	33 06		97 0000	33 06	
12 0000	33 06		55 0000	33 06		98 0000	33 06	
13 0000	33 07		56 0000	33 06		99 0000	33 06	
14 0000	33 07		57 0000	33 06		100.000	33 06	
15 0000	33 07		58 0000	33 06		101 000	33.06	
16 0000	33 07		59 0000	33 06		102.000	33.06	
17 0000	33 08		60 0000	33 06		103 000	33 06	
18 0000	33 07		61 0000	33 06		104 000	33 06	
19 0000	33 08		62.0000	33 05		105 000	33 06	
20 0000	33 08		63 0000	33 06		106.000	33 06	
21 0000	33 08		64 0000	33 06		107 000	33 06	
22 0000	33 08		65 0000	33 05		108.000	33 06	
23 0000	33 09		66 0000	33 05		109 000	33 06	
24 0000	33 08		67 0000	33 06		110 000	33 06	
25 0000	33 09		68 0000	33 06		111 000	33 06	
26 0000	33 09		69 0000	33 05		112.000	33 06	
27 0000	33 09		70 0000	33 06		113 000	33 06	
28 0000	33 09		71 0000	33 05		114 000	33 06	
29 0000	33 09		72.0000	33 06		115 000	33 06	
30 0000	33 09		73 0000	33 06		116.000	33.06	
31 0000	33 09		74 0000	33 06		117 000	33 06	
32 0000	33 09		75 0000	33 06		118.000	33 06	
33 0000	33 09		76 0000	33 05		119 000	33 06	
34 0000	33 09		77 0000	33 05		120.000	33 06	
35 0000	33 09		78 0000	33 05		121 000	33 06	
36.0000	33 09		79 0000	33 06		122.000	33 06	
37 0000	33 09		80 0000	33 06		123 000	33 06	
38 0000	33 08		81 0000	33 06		124 000	33 06	
39 0000	33 08		82 0000	33 05		125 000	33 06	
40 0000	33 08		83 0000	33 05		126.000	33 06	
41 0000	33 08		84 0000	33 06		127 000	33 05	
42 0000	33 07		85 0000	33 06		128.000	33 06	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
129 000	33 05		191 000	33 04		253.000	32.99	
130 000	33 05		192.000	33 05		254.000	33 05	33 04
131 000	33 06		193 000	33 04		255 000	33 05	
132.000	33 05		194 000	33 05		256.000	33 05	
133 000	33 06		195 000	33 05		257 000	33 05	
134 000	33 06		196.000	33 04		258.000	33 05	
135 000	33 05		197 000	33 04		259 000	33 05	
136.000	33 06		198.000	33 04		260.000	33.05	
137 000	33 05		199 000	33 05		261 000	33 05	
138 000	33 05		200.000	33 05		262.000	33 05	
139 000	33.05		201 000	33 05		263.000	33 05	
140.000	33 05		202.000	33 05		264.000	33.05	
141 000	33 05		203 000	33 04		265 000	33 05	
142.000	33 05		204 000	33 05		266.000	33 06	
143 000	33 05		205 000	33 05		267 000	33 05	
144 000	33 06		206.000	33 04		268.000	33.05	
145 000	33 05		207 000	33 04		269 000	33 05	
146.000	33 06		208.000	33 05		270.000	33 04	
147 000	33 05		209 000	33 04		271 000	33.04	
148 000	33 06		210.000	33 04		272.000	33 04	
149 000	33 05		211 000	33 05		273 000	33 04	
150 000	33 06		212.000	33 05		274 000	33 04	
151 000	33 05		213 000	33 04		275 000	33 03	
152.000	33 05		214 000	33 05		276.000	33 03	
153 000	33 05		215 000	33.05		277 000	33.03	
154 000	33 05		216.000	33 05		278.000	33.03	
155 000	33 05		217 000	33 05		279 000	33 03	
156.000	33 05		218 000	33 05		280.000	33 03	
157 000	33 05		219 000	33 05		281 000	33.03	
158 000	33 05		220.000	33 05		282.000	33 03	
159 000	33 05		221 000	33 05		283 000	33 02	
160.000	33 05		222.000	33 04		284 000	33 02	
161 000	33 05		223 000	33 04		285 000	33 02	
162.000	33 05		224 000	33 05		286.000	33 02	
163 000	33 05		225 000	33 05		287 000	33.02	
164 000	33 05		226.000	33 04		288.000	33 02	
165 000	33 05		227 000	33.04		289 000	33 02	
166.000	33 05		228.000	33 05		290.000	33 02	
167 000	33 05		229 000	33 05		291 000	33 02	
168 000	33 05		230.000	33 04		292.000	33 02	
169 000	33 04		231 000	33 05		293 000	33 02	
170 000	33 04		232.000	33 04		294 000	33 02	
171 000	33 04		233 000	33 04		295 000	33 02	
172.000	33 04		234 000	33 05		296.000	33 02	
173 000	33 04		235 000	33 05		297 000	33.02	
174 000	33 04		236.000	33 05		298.000	33 02	
175 000	33 04		237 000	33 04		299 000	33 02	
176.000	33 04		238 000	33 04		300.000	33 02	
177 000	33 04		239 000	33 04		301 000	33 02	
178 000	33 04		240.000	33 04		302.000	33.02	
179 000	33 04		241 000	33 04		303 000	33 01	
180 000	33 04		242.000	33 04		304 000	33 02	
181 000	33 04		243 000	33 04		305 000	33 02	
182.000	33 04		244 000	33 05		306.000	33 02	
183 000	33 04		245 000	33 04		307 000	33 01	
184 000	33 04		246.000	33 04		308.000	33 02	
185 000	33 04		247 000	33 04		309 000	33 02	
186.000	33 04		248 000	33 04		310.000	33 01	
187 000	33 04		249 000	33 03		311 000	33 02	
188 000	33 04		250.000	33 04		312.000	33 01	
189 000	33 04		251 000	33 03		313 000	33 01	
190 000	33 04		252.000	33 04		314 000	33 02	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
315 000	33 01		377 000	33 04		439 000	33.01	
316.000	33 01		378 000	33 03		440.000	33.01	
317 000	33 02		379 000	33 04		441 000	33 01	
318 000	33 01		380.000	33 04		442.000	33.01	
319 000	33 02		381 000	33 03		443 000	33.01	
320.000	33 01		382.000	33 04		444 000	33 01	
321 000	33 01		383 000	33 03		445 000	33 01	
322.000	33 01		384 000	33 04		446.000	33 01	
323 000	33 01		385 000	33 04		447 000	33.01	
324 000	33 01		386.000	33 03		448.000	33 01	
325 000	33 01		387 000	33 03		449 000	33 01	
326.000	33 01		388.000	33 03		450.000	33.01	
327 000	33 01		389 000	33 03		451 000	33 01	
328.000	33.01		390.000	33 03		452.000	33 01	
329 000	33 01		391 000	33 03		453.000	33 01	
330.000	33 01		392.000	33 03		454.000	33.01	
331 000	33 01		393 000	33 03		455 000	33.00	
332.000	33 01		394.000	33 03		456.000	32.97	
333 000	33 01		395 000	33 03		457 000	32.96	
334 000	33 01		396.000	33 03		458.000	32.96	
335 000	33 01		397 000	33 03		459 000	32.96	
336.000	33 01		398.000	33 03		460.000	32.97	
337 000	33 01		399 000	33 03		461 000	32.97	
338.000	33 00		400.000	33 02		462.000	32.98	
339 000	33 00		401 000	33 02		463.000	32.98	
340.000	33 00		402.000	33 03		464.000	32.98	
341 000	33 01		403 000	33 03		465 000	32.99	
342.000	33 01		404 000	33 02		466.000	32.99	
343 000	33 00		405 000	33 03		467 000	32.99	
344 000	33 00		406.000	33 03		468.000	33.00	
345 000	33 00		407 000	33 02		469 000	33 00	
346.000	33 01		408.000	33 03		470.000	33 00	
347 000	33 00		409 000	33 02		471 000	33 00	
348.000	33 00		410.000	33 03		472.000	33 00	
349 000	33 00		411 000	33 03		473 000	33 01	
350 000	33 00		412.000	33 03		474 000	33 00	
351 000	33 00		413 000	33 03		475 000	33 00	
352.000	33 00		414 000	33 03		476.000	33.01	
353 000	33 00		415 000	33 03		477 000	33 01	
354 000	33 00		416.000	33 03		478.000	33 01	
355 000	33 00		417 000	33 02		479 000	33 01	
356.000	33 00		418.000	33 03		480.000	33 01	
357 000	33 00		419 000	33 02	33 02	481 000	33 01	
358 000	33 00		420.000	33 02		482.000	33 01	
359 000	33 01		421 000	33 03		483 000	33 01	
360 000	33 02		422.000	33 02		484.000	33 01	
361 000	33 02		423 000	33 02		485 000	33 01	
362.000	33 02		424 000	33 02		486.000	33.01	
363 000	33 02		425 000	33 02		487 000	33 02	
364 000	33 02		426.000	33 02		488.000	33 02	
365 000	33 02		427 000	33 02		489 000	33 02	
366.000	33 03		428.000	33 02		490.000	33 02	
367 000	33 02		429 000	33 03		491 000	33 02	
368 000	33 02		430.000	33 03		492.000	33 02	
369 000	33 02		431 000	33 02		493 000	33 01	
370 000	33 03		432.000	33 02		494 000	33 02	
371 000	33 03		433 000	33 02		495 000	33 02	
372.000	33 03		434 000	33 02		496.000	33 02	
373 000	33 03		435 000	33 02		497 000	33 02	
374 000	33 03		436.000	33 01		498 000	33 01	
375 000	33 03		437 000	33 01		499 000	33 01	
376 000	33 03		438.000	33 01		500.000	33 01	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.
501 000	33 01		563 000	32.99		625.000	32.99	
502.000	33 01		564.000	32.99		626.000	32.99	
503 000	33 01		565 000	32.99		627 000	32.98	
504 000	33 01		566.000	32 99		628.000	32.98	
505 000	33 01		567 000	32.99		629 000	32.99	
506.000	33 01		568.000	32.99		630.000	32.98	
507 000	33 01		569 000	32 99		631 000	32.98	
508.000	33 01		570.000	32.99		632.000	32.98	
509 000	33 01		571 000	32.99		633.000	32.98	
510.000	33 01		572.000	32.99		634.000	32.98	
511 000	33 01		573 000	32.99		635.000	32.98	
512.000	33 01		574.000	32.99		636.000	32.98	
513 000	33 01		575 000	32.99		637 000	32.99	
514 000	33 01		576.000	32.99		638.000	32.98	
515 000	33 01		577 000	32.99		639 000	32.98	
516.000	33 01		578.000	32.99		640.000	32.99	
517 000	33 01		579 000	32.99		641 000	32.99	
518.000	33 01		580.000	32.99		642.000	32.98	
519 000	33 01		581 000	32.99		643 000	32.98	
520.000	33 01		582.000	32.99		644.000	32.98	
521 000	33 01		583 000	32 99		645 000	32.98	
522.000	33 01		584 000	32.99		646.000	32.98	
523 000	33 01		585 000	32.99		647 000	32.98	
524 000	33 01		586.000	32.99		648.000	32.98	
525 000	33 01		587 000	32.99		649 000	32.98	
526.000	33 01		588.000	32.99		650.000	32.98	
527 000	33 01		589 000	32.99		651 000	32.98	
528.000	33 01		590.000	32.99		652.000	32.98	
529 000	33 01		591 000	32.99		653.000	32.98	
530.000	33.01		592.000	32.99		654.000	32.98	
531 000	33 01		593 000	32 99		655 000	32.98	
532.000	33 01		594 000	32.99		656.000	32.98	
533 000	33 01		595 000	32.99		657 000	32.98	
534 000	33 00		596.000	32.99		658.000	32.98	
535 000	33 01		597 000	32 99		659 000	32.98	
536.000	33 01		598.000	32.99		660.000	32.98	
537 000	33 01		599 000	32.99		661 000	32.98	
538 000	33 00		600.000	32.99		662.000	32.98	
539 000	33 01		601 000	32.99		663 000	32.98	
540 000	33 00		602.000	32.99		664.000	32.98	
541 000	33 01		603 000	32.98		665 000	32.98	
542.000	33 00		604 000	32 98		666.000	32.98	
543 000	33 00		605 000	32.99		667 000	32.98	
544 000	33 00		606.000	32.99		668.000	32.98	
545 000	33 00		607 000	32.99		669 000	32.98	
546.000	33 00		608 000	32.99		670.000	32.98	
547 000	33 00		609 000	32.99		671 000	32.98	
548 000	33 00		610.000	32.99		672.000	32.98	
549 000	33 00		611 000	32 99		673 000	32.98	
550.000	33 00		612.000	32.98		674 000	32.98	
551 000	32 99		613 000	32 99		675 000	32.98	
552.000	33 00		614 000	32 98		676.000	32.98	
553 000	32.99		615 000	32.98		677 000	32.98	
554 000	32.99		616.000	32.98		678.000	32.98	
555 000	32 99		617 000	32.99		679 000	32.98	
556.000	32 99		618 000	32 98		680.000	32.98	
557 000	32.99		619 000	32.99		681 000	32.98	
558 000	32 99		620 000	32.98		682.000	32.98	
559 000	32 99		621 000	32 99		683 000	32.98	
560 000	32 99		622.000	32.98		684 000	32.98	
561 000	32 99		623 000	32 99		685 000	32 98	
562.000	32 99		624 000	32 99		686.000	32.98	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
687 000	32.98		749 000	32.99		811 000	33.02	
688.000	32 98		750.000	33 00		812.000	33.02	
689 000	32.98		751 000	32.99		813 000	33 02	
690.000	32.99		752.000	32.99		814 000	33.01	
691 000	32.98		753 000	33 00		815 000	33.02	
692.000	32.98		754 000	32.99		816.000	33.02	
693 000	32.98		755 000	32 99		817 000	33 01	
694 000	32.98		756.000	32.99		818.000	33 01	
695 000	32.99		757 000	32.99		819 000	33.01	
696.000	32.99		758.000	33 00		820.000	33 01	
697 000	32.99		759 000	33 00		821 000	33 01	
698 000	32.99		760.000	33 00		822.000	33 01	
699 000	32.99		761 000	33 00		823 000	33 02	
700.000	32.99		762.000	32.99		824.000	33 01	
701 000	32.99		763 000	32.99		825 000	33.02	
702.000	32.99		764 000	32.99		826.000	33.02	
703 000	32.99		765 000	33 00		827 000	33 02	
704 000	32.99		766.000	33 00		828.000	33 02	
705 000	32.99		767 000	33 00		829 000	33 02	
706.000	32.99		768.000	33 00		830.000	33.02	
707 000	32 99		769 000	33 00		831 000	33 02	
708 000	32.99		770.000	33 00		832.000	33 02	
709 000	32.99		771 000	33 00		833 000	33 02	
710 000	32.99		772.000	33 00		834 000	33 02	
711 000	32 99		773 000	33 00		835 000	33 03	
712.000	32 99		774 000	33 00		836.000	33 02	
713 000	32.99		775 000	32.99		837 000	33 03	
714 000	32.99		776.000	33 00		838.000	33 03	
715 000	32.99		777 000	33 00		839 000	33 02	
716.000	32.99		778.000	33 00		840.000	33 02	
717 000	32.99		779 000	33 00		841 000	33 02	
718.000	32.99		780.000	33 00		842.000	33 03	
719 000	32.99		781 000	33 00		843 000	33 03	
720.000	32 99		782.000	33 00		844.000	33 03	
721 000	32.99		783 000	33 00		845 000	33 03	
722.000	32 99		784 000	33 00		846.000	33 03	
723 000	32 99		785 000	33 00		847 000	33 03	
724 000	32 98		786.000	33 00		848.000	33 03	
725 000	32 96		787 000	33 00		849 000	33 03	
726.000	32 96		788.000	33 00		850.000	33 03	
727 000	32 96		789 000	33 00		851 000	33 03	
728 000	32.97		790 000	33 01		852.000	33 03	
729 000	32 97		791 000	33 00		853 000	33 03	
730 000	32.97		792.000	33 00		854.000	33 03	
731 000	32.97		793 000	33 00		855 000	33 03	
732.000	32 97		794 000	33 01		856.000	33 03	
733 000	32.98		795 000	33 01		857 000	33 03	
734 000	32.98		796.000	33 01		858.000	33 03	
735 000	32.99		797 000	33 01		859 000	33 03	
736.000	32 98		798.000	33 01	33 01	860.000	33 03	
737 000	32 98		799 000	33 01		861 000	33 03	
738 000	32 99		800.000	33 01		862.000	33 03	
739 000	32.98		801 000	33 02		863 000	33 03	
740 000	32 99		802.000	33 02		864 000	33 03	
741 000	32.99		803 000	33 02		865 000	33 04	
742.000	32.99		804 000	33 01		866.000	33 04	
743 000	32 99		805 000	33 01		867 000	33 04	
744 000	32.99		806.000	33 02		868.000	33 04	
745 000	32.99		807 000	33 01		869 000	33 04	
746.000	32 99		808 000	33 02		870.000	33 04	
747 000	33 00		809 000	33 02		871 000	33 04	
748 000	32 99		810.000	33 01		872.000	33 04	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
873 000	33 04		935 000	33 06		997 000	33.07	
874 000	33 04		936.000	33 05		998.000	33 08	
875 000	33 04		937 000	33 06		999 000	33 07	
876.000	33 04		938.000	33 06		1000.00	33 08	
877 000	33 04		939 000	33 06		1001.00	33 08	
878.000	33 04		940.000	33 06		1002.00	33 08	
879 000	33 04		941 000	33 06		1003 00	33 08	
880.000	33 04		942.000	33 06		1004.00	33 08	
881 000	33 04		943 000	33 06		1005.00	33.08	
882.000	33 04		944 000	33 06		1006.00	33 08	
883 000	33 04		945 000	33 06		1007.00	33.08	
884 000	33 04		946.000	33 06		1008.00	33 08	
885 000	33 04		947 000	33 06		1009.00	33 08	
886.000	33 04		948.000	33 06		1010.00	33 08	
887 000	33 04		949 000	33 06		1011 00	33.08	
888.000	33 04		950.000	33 06		1012.00	33.08	
889 000	33 04		951 000	33 06		1013 00	33 08	
890.000	33 04		952.000	33 06		1014 00	33 08	
891 000	33 04		953 000	33 06		1015 00	33 08	
892.000	33 04		954 000	33 06		1016.00	33 08	
893 000	33 04		955 000	33 06		1017 00	33 08	
894 000	33 04		956.000	33 06		1018 00	33 08	
895 000	33 04		957 000	33 07		1019 00	33 08	
896.000	33 04		958 000	33 06		1020 00	33 08	
897 000	33 04		959 000	33.06		1021 00	33 08	
898.000	33 04		960.000	33 06		1022.00	33 08	
899 000	33 04		961 000	33 06		1023 00	33 08	
900.000	33 04		962.000	33 06		1024.00	33 08	
901 000	33 04		963 000	33 06		1025 00	33.08	
902.000	33 04		964.000	33 06		1026.00	33.08	
903 000	33 04		965 000	33 06		1027.00	33 08	
904 000	33 04		966.000	33 07		1028.00	33 08	
905 000	33 04		967 000	33 06		1029 00	33 08	
906.000	33 04		968 000	33 06		1030 00	33 08	
907 000	33 04		969 000	33 06		1031.00	33.08	
908 000	33 04		970 000	33 06		1032.00	33 08	
909 000	33 05		971 000	33 07		1033 00	33 08	
910 000	33 05		972.000	33 07		1034 00	33 08	
911 000	33 04		973 000	33 07		1035 00	33 08	
912.000	33 05		974 000	33 07		1036.00	33 08	
913 000	33 05		975 000	33 07		1037 00	33 08	
914 000	33 05		976.000	33 07		1038 00	33 08	
915 000	33 05		977 000	33 07		1039 00	33 08	
916.000	33 05		978.000	33 07		1040 00	33 08	
917 000	33 05		979 000	33 07		1041 00	33 08	
918 000	33 05		980.000	33 07		1042 00	33 08	
919 000	33 05		981 000	33 07		1043 00	33 08	
920.000	33 05		982.000	33 07		1044 00	33 08	
921 000	33 05		983 000	33 07		1045 00	33 09	
922.000	33 05		984 000	33 07		1046.00	33 08	
923 000	33 05		985 000	33 07		1047 00	33 08	
924 000	33 05		986.000	33 07		1048 00	33 09	
925 000	33 05		987 000	33 07		1049 00	33 09	
926.000	33 05		988.000	33 07		1050 00	33 08	
927 000	33 05		989 000	33 08		1051 00	33 08	
928 000	33 05		990.000	33 07		1052.00	33 08	
929 000	33 05		991 000	33 07		1053 00	33 08	
930 000	33 06		992.000	33 08		1054 00	33 08	
931 000	33 05		993 000	33 07		1055 00	33 09	
932.000	33 05		994 000	33 07		1056 00	33 08	
933 000	33 05		995 000	33 08		1057 00	33 09	
934 000	33 05		996.000	33 07		1058 00	33 08	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1059 00	33 09		1121 00	33 12		1183 00	33 15	
1060 00	33 09		1122.00	33 12		1184 00	33 15	
1061 00	33 09		1123 00	33 12		1185 00	33 15	
1062 00	33.09		1124 00	33 12		1186.00	33 16	
1063 00	33 09		1125 00	33 12		1187.00	33 16	
1064 00	33 10		1126.00	33 12		1188 00	33 15	
1065 00	33 10		1127 00	33 12		1189 00	33 16	
1066.00	33 10		1128 00	33 12		1190 00	33 15	
1067 00	33 09		1129 00	33 11		1191 00	33 16	
1068 00	33 09		1130 00	33 11		1192.00	33 15	
1069 00	33 09		1131 00	33 12		1193.00	33 15	
1070 00	33 10		1132.00	33 12		1194 00	33 16	
1071 00	33 09		1133 00	33 11		1195 00	33 16	
1072.00	33 10		1134 00	33 11		1196.00	33 16	
1073 00	33 10		1135 00	33 12		1197.00	33 16	
1074 00	33 10		1136.00	33 12		1198.00	33 16	
1075 00	33 10		1137 00	33 12		1199.00	33 16	
1076.00	33 10		1138 00	33 12		1200.00	33 16	
1077 00	33 10		1139 00	33 12		1201.00	33 16	
1078 00	33 10		1140 00	33 11		1202.00	33 16	
1079 00	33 10		1141 00	33 12		1203 00	33 17	
1080 00	33 10		1142.00	33 12		1204 00	33 17	
1081 00	33 10		1143 00	33 09		1205 00	33 17	
1082.00	33 11		1144 00	33 10		1206.00	33 16	
1083 00	33 10		1145 00	33 10		1207 00	33 17	
1084 00	33 10		1146.00	33 10		1208.00	33 16	
1085 00	33 10		1147 00	33 10		1209 00	33 16	
1086 00	33 10		1148 00	33 11		1210 00	33 17	
1087 00	33 11		1149 00	33 11		1211 00	33 16	
1088 00	33 11		1150 00	33 11		1212.00	33 16	
1089 00	33 10		1151 00	33 11		1213 00	33 17	
1090 00	33 10		1152.00	33 12		1214.00	33 17	
1091 00	33 11		1153 00	33 12		1215.00	33 16	
1092 00	33 11		1154 00	33 13		1216.00	33 17	
1093 00	33 11		1155 00	33 13		1217 00	33 16	
1094 00	33 10		1156.00	33 12		1218.00	33 16	
1095 00	33 11		1157 00	33 12		1219 00	33 17	
1096 00	33 11		1158 00	33 12		1220 00	33 17	
1097 00	33 11		1159 00	33 13		1221 00	33 17	
1098 00	33 11		1160 00	33 13		1222.00	33 17	
1099 00	33 11		1161 00	33 13		1223 00	33 16	
1100 00	33 11		1162.00	33 14		1224 00	33 17	
1101 00	33 11		1163 00	33 14		1225 00	33 17	
1102.00	33 11		1164 00	33 14		1226.00	33 17	
1103 00	33 12		1165 00	33 14		1227.00	33 17	
1104 00	33 11		1166 00	33 14		1228 00	33 17	
1105 00	33 11		1167 00	33 14		1229.00	33 17	
1106 00	33 11		1168 00	33 14		1230 00	33 17	
1107 00	33 11		1169 00	33 14		1231 00	33 17	
1108 00	33 12		1170 00	33 14		1232.00	33 17	
1109 00	33 11		1171 00	33 15		1233 00	33 17	
1110 00	33 11		1172.00	33 15		1234 00	33 17	
1111 00	33 12		1173 00	33 15		1235 00	33 17	
1112 00	33 12		1174 00	33 14		1236 00	33 17	
1113 00	33 11		1175 00	33 15		1237 00	33 17	
1114 00	33 11		1176 00	33 15		1238 00	33 17	
1115 00	33 12		1177 00	33 15		1239 00	33 17	
1116 00	33 11		1178 00	33 16		1240 00	33 17	
1117 00	33 12		1179 00	33 15		1241 00	33 17	
1118 00	33 11		1180 00	33 16		1242 00	33 17	
1119 00	33 12		1181 00	33 15		1243.00	33 17	
1120 00	33 12		1182 00	33 15		1244 00	33 17	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1245 00	33 17		1307 00	33 18		1369 00	33 18	
1246 00	33 17		1308 00	33 18		1370 00	33 18	
1247 00	33 17		1309 00	33 18		1371 00	33 18	
1248 00	33 18		1310 00	33 18		1372.00	33 18	
1249 00	33 17		1311 00	33 18		1373 00	33 18	
1250 00	33 18		1312.00	33 18		1374 00	33 18	
1251 00	33 17		1313 00	33 18		1375.00	33 18	
1252.00	33 17		1314 00	33 18		1376.00	33 18	
1253 00	33 17		1315 00	33 18		1377.00	33 18	
1254 00	33 17		1316.00	33 18		1378.00	33 18	
1255 00	33 18		1317 00	33 18		1379 00	33 18	
1256.00	33 17		1318 00	33 18		1380.00	33 18	
1257 00	33 18		1319 00	33 18		1381 00	33 18	
1258 00	33 17		1320 00	33 17		1382.00	33 18	
1259 00	33 18		1321 00	33 18		1383 00	33 18	
1260 00	33 17		1322.00	33 18		1384 00	33 18	
1261 00	33 17		1323 00	33 18		1385 00	33 18	
1262.00	33 18		1324 00	33 18		1386.00	33 18	
1263 00	33 17		1325 00	33 18		1387 00	33 18	
1264 00	33 18		1326.00	33 18		1388.00	33 18	
1265 00	33 18		1327 00	33 18		1389 00	33 18	
1266 00	33 18		1328 00	33 18		1390.00	33 18	
1267 00	33 17		1329 00	33 18		1391 00	33 18	
1268 00	33 18		1330 00	33 18		1392.00	33 18	
1269 00	33 17		1331 00	33 18		1393 00	33 18	
1270 00	33 17		1332.00	33 17		1394 00	33 18	
1271 00	33 17		1333 00	33 18		1395 00	33 18	
1272.00	33 18		1334 00	33 18		1396.00	33 18	
1273 00	33 17		1335 00	33 18		1397 00	33 18	
1274 00	33 18		1336.00	33 18		1398 00	33 18	
1275 00	33 17		1337 00	33 17		1399 00	33 18	
1276 00	33 17		1338 00	33 18		1400 00	33 19	
1277 00	33 18		1339 00	33 18		1401 00	33 19	
1278 00	33 17		1340 00	33 18		1402.00	33 18	
1279 00	33 17		1341 00	33 18		1403 00	33 18	
1280 00	33 17		1342.00	33 18		1404 00	33 19	
1281 00	33 17		1343 00	33 18		1405 00	33 18	
1282 00	33 17		1344 00	33 18		1406.00	33 18	
1283 00	33 18		1345 00	33 18		1407 00	33 18	
1284 00	33 18		1346.00	33 18		1408 00	33 18	
1285 00	33 17		1347 00	33 18		1409 00	33 19	
1286 00	33 18		1348 00	33 18		1410 00	33 18	
1287 00	33 18		1349 00	33 18		1411 00	33 18	
1288 00	33 17		1350 00	33 18		1412.00	33 18	
1289 00	33 18		1351 00	33 18		1413 00	33 18	
1290 00	33 18		1352.00	33 18		1414 00	33 18	
1291 00	33 18		1353 00	33 18		1415 00	33 18	
1292 00	33 18		1354 00	33 18		1416.00	33 19	
1293 00	33 18		1355 00	33 18		1417 00	33 18	
1294 00	33 17		1356.00	33 18		1418 00	33 18	
1295 00	33 18		1357 00	33 18		1419 00	33 19	
1296 00	33 17		1358 00	33 18		1420 00	33 18	
1297 00	33 17		1359 00	33 18		1421 00	33 19	
1298 00	33 17		1360 00	33 18		1422.00	33 18	
1299 00	33 18		1361 00	33 18		1423.00	33 19	
1300 00	33 18		1362.00	33 18		1424 00	33 19	
1301 00	33 18		1363 00	33 17		1425 00	33 18	
1302 00	33 17		1364 00	33 18		1426 00	33 19	
1303 00	33 18		1365 00	33 18		1427 00	33 18	
1304 00	33 17		1366.00	33 18		1428 00	33 18	
1305 00	33 18		1367 00	33 18		1429 00	33 18	
1306 00	33 17		1368 00	33 18		1430 00	33 19	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1431 00	33 18		1493 00	33.21		1555.00	33.21	
1432.00	33 19		1494 00	33.21		1556.00	33.21	
1433 00	33 18		1495 00	33.21		1557 00	33.21	
1434 00	33 18		1496 00	33.22		1558.00	33.21	
1435 00	33 18		1497 00	33.22		1559 00	33.21	
1436 00	33 19		1498 00	33.21		1560.00	33.21	
1437 00	33 19		1499 00	33.22		1561.00	33.21	
1438 00	33 18		1500 00	33.22		1562.00	33.21	
1439 00	33 19		1501 00	33.21		1563.00	33.21	
1440 00	33 18		1502.00	33.22		1564.00	33.21	
1441 00	33 18		1503 00	33.22		1565 00	33.21	
1442.00	33 19		1504 00	33.22		1566.00	33.21	
1443 00	33 19		1505 00	33.22		1567 00	33.21	
1444 00	33 18		1506.00	33.22		1568.00	33.21	
1445 00	33 19		1507 00	33.22		1569.00	33.21	
1446.00	33 18		1508 00	33.22		1570.00	33.21	
1447 00	33 19		1509 00	33.22		1571 00	33.21	
1448 00	33 18		1510 00	33.22		1572.00	33.21	
1449 00	33 18		1511.00	33.23		1573.00	33.21	
1450 00	33 18		1512.00	33.23		1574 00	33.21	
1451 00	33 18		1513 00	33.23		1575 00	33.21	
1452.00	33 19		1514 00	33.23		1576.00	33.21	
1453 00	33 19		1515 00	33.22		1577 00	33.21	
1454 00	33 19		1516.00	33.22		1578 00	33.21	
1455 00	33 18		1517 00	33.22		1579 00	33.21	
1456.00	33 19		1518 00	33.23		1580 00	33.21	
1457 00	33 19		1519 00	33.22		1581.00	33.21	
1458 00	33 19		1520 00	33.23		1582.00	33.21	
1459 00	33 19		1521 00	33.22		1583.00	33.21	
1460 00	33 19		1522.00	33.22		1584 00	33.21	
1461 00	33 18		1523 00	33.22		1585.00	33.21	
1462.00	33 19		1524 00	33.22		1586.00	33.21	
1463 00	33 19	33 20	1525.00	33.22		1587 00	33.21	
1464 00	33 19		1526.00	33.22		1588.00	33.21	
1465 00	33 19		1527 00	33.22		1589 00	33.21	
1466 00	33 19		1528 00	33.22		1590 00	33.21	
1467 00	33 19		1529 00	33.22		1591 00	33.21	
1468 00	33 20		1530 00	33 22		1592.00	33.21	
1469 00	33.20		1531 00	33.22		1593 00	33.21	
1470 00	33.20		1532.00	33.22		1594 00	33.21	
1471 00	33 20		1533 00	33 22		1595 00	33.21	
1472 00	33.20		1534 00	33 22		1596.00	33 21	
1473 00	33.20		1535 00	33.22		1597 00	33 21	
1474 00	33.20		1536.00	33.22		1598 00	33.21	
1475 00	33.20		1537 00	33.22		1599 00	33.21	
1476 00	33.20		1538 00	33.22		1600 00	33.21	
1477 00	33.21		1539 00	33 21		1601 00	33.21	
1478 00	33.21		1540 00	33.21		1602.00	33.21	
1479 00	33.21		1541 00	33.21		1603 00	33.21	
1480 00	33.21		1542.00	33.22		1604 00	33.21	
1481 00	33.21		1543 00	33.21		1605 00	33.21	
1482 00	33.20		1544 00	33.21		1606.00	33.21	
1483 00	33.21		1545 00	33.21		1607 00	33.21	
1484 00	33.21		1546.00	33.22		1608 00	33.21	
1485 00	33.21		1547 00	33.21		1609 00	33.21	
1486 00	33.21		1548 00	33.21		1610 00	33.21	
1487 00	33 20		1549 00	33.21		1611 00	33.21	
1488 00	33 21		1550 00	33.21		1612.00	33.21	
1489 00	33 21		1551 00	33 21		1613 00	33 21	
1490 00	33.22		1552.00	33 21		1614 00	33.21	
1491 00	33.21		1553 00	33.21		1615 00	33.21	
1492 00	33 21		1554 00	33.21		1616.00	33.21	

Elapsed Time	Value	Hand Meas	Elapsed Tim	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1617 00	33.21		1679 00	33.20		1741 00	33.20	
1618 00	33.21		1680 00	33.20		1742.00	33.20	
1619 00	33.21		1681 00	33.21		1743 00	33 19	
1620 00	33.21		1682.00	33 21		1744 00	33.20	
1621 00	33.21		1683 00	33.21		1745 00	33.20	
1622.00	33.21		1684 00	33.20		1746.00	33 19	
1623 00	33.21		1685 00	33.21		1747 00	33 19	
1624 00	33.21		1686.00	33.20		1748.00	33 19	
1625 00	33.21		1687 00	33.21		1749 00	33 19	
1626.00	33.21		1688 00	33.21		1750 00	33 19	
1627 00	33.21		1689 00	33.21		1751 00	33 19	
1628 00	33.21		1690 00	33.21		1752.00	33.20	
1629 00	33.21		1691.00	33.21		1753 00	33 19	
1630 00	33.21		1692.00	33.21		1754.00	33 19	
1631 00	33.21		1693 00	33.21		1755.00	33 19	
1632.00	33.21		1694 00	33.21		1756.00	33 19	
1633 00	33.21		1695 00	33.21		1757 00	33 19	
1634 00	33.21		1696.00	33.21		1758.00	33.20	
1635 00	33.21		1697 00	33.20		1759 00	33 19	
1636 00	33.21		1698 00	33.20		1760 00	33 19	
1637 00	33.21		1699 00	33.21		1761.00	33 19	
1638 00	33.21		1700 00	33.21		1762.00	33 19	
1639 00	33.21		1701 00	33.21		1763 00	33 19	
1640 00	33.21		1702.00	33.21		1764 00	33 19	
1641 00	33.21		1703 00	33.20		1765.00	33 19	
1642.00	33.21		1704 00	33.21		1766.00	33 19	
1643 00	33.21		1705 00	33.21		1767 00	33 19	
1644 00	33.21		1706.00	33.20		1768 00	33 19	
1645 00	33.21		1707 00	33.21		1769 00	33 19	
1646 00	33.21		1708 00	33.20		1770 00	33 19	
1647 00	33.21		1709 00	33.20		1771 00	33 19	
1648 00	33.21		1710 00	33.20		1772.00	33 19	
1649 00	33.21		1711 00	33.20		1773 00	33 19	
1650 00	33.21		1712.00	33.20		1774 00	33 19	
1651 00	33.21		1713 00	33.20		1775.00	33 19	
1652 00	33.21		1714 00	33.20		1776.00	33 19	
1653 00	33.21		1715 00	33 20		1777 00	33 19	
1654 00	33 21		1716.00	33 20		1778 00	33 19	
1655 00	33.21		1717 00	33.21		1779 00	33 19	
1656.00	33.21		1718 00	33.20		1780.00	33 19	
1657 00	33 20		1719 00	33 20		1781 00	33 19	
1658 00	33.21		1720 00	33 20		1782.00	33 19	
1659 00	33 21		1721 00	33.20		1783 00	33 19	
1660 00	33 19		1722.00	33.20		1784 00	33 19	
1661 00	33 18		1723.00	33 20		1785 00	33 19	
1662 00	33 18		1724 00	33.20		1786 00	33 18	
1663 00	33 18		1725 00	33 20		1787 00	33 19	
1664 00	33 19		1726.00	33 20		1788 00	33 19	
1665 00	33 19		1727 00	33 20		1789 00	33 18	
1666 00	33 19		1728 00	33 20		1790 00	33 18	
1667 00	33 19		1729 00	33 20		1791 00	33 19	
1668 00	33.20		1730 00	33.20		1792.00	33 18	
1669 00	33 20		1731 00	33.20		1793 00	33 18	
1670 00	33.20		1732.00	33 20		1794 00	33 19	
1671 00	33.20		1733 00	33 20		1795 00	33 19	
1672 00	33.20		1734 00	33 20		1796 00	33 18	
1673 00	33.20		1735 00	33 20		1797 00	33 18	
1674 00	33 20		1736 00	33 20		1798 00	33 18	
1675 00	33 21		1737 00	33 20		1799 00	33 19	
1676 00	33.20		1738 00	33.20		1800 00	33 18	
1677 00	33 21		1739 00	33 20		1801 00	33 19	
1678 00	33 21		1740 00	33 19		1802 00	33 18	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1803 00	33 19		1865 00	33 16		1927.00	33 13	
1804 00	33 18		1866.00	33 16		1928.00	33 14	
1805 00	33 18		1867 00	33 16		1929 00	33 13	
1806 00	33 18		1868 00	33 16		1930 00	33 14	
1807 00	33 18		1869 00	33 16		1931 00	33 14	
1808 00	33 18		1870.00	33 16		1932.00	33 14	
1809 00	33 19		1871 00	33 16		1933 00	33 14	
1810 00	33 18		1872 00	33 15		1934 00	33 13	
1811 00	33 18		1873 00	33 15		1935 00	33 13	
1812.00	33 18		1874 00	33 15		1936.00	33 13	
1813 00	33 18		1875 00	33 16		1937 00	33 13	
1814 00	33 18		1876 00	33 15		1938.00	33 13	
1815 00	33 18		1877 00	33 15		1939 00	33 13	
1816.00	33 18		1878 00	33 15		1940.00	33 13	
1817 00	33 18		1879 00	33 15		1941 00	33 13	
1818 00	33 18		1880 00	33 15		1942.00	33 12	
1819 00	33 18		1881 00	33 15		1943.00	33 12	
1820 00	33 17		1882.00	33 15		1944.00	33 13	
1821 00	33 17		1883 00	33 15		1945 00	33 13	
1822.00	33 18		1884 00	33 15		1946.00	33 13	
1823 00	33 17		1885 00	33 15		1947.00	33 12	
1824 00	33 17		1886.00	33 15		1948 00	33 13	
1825 00	33 18		1887 00	33 16		1949 00	33 12	
1826.00	33 17		1888 00	33 15		1950 00	33 12	
1827 00	33 18		1889 00	33 15		1951 00	33 12	
1828 00	33 18		1890 00	33 15		1952.00	33 12	
1829 00	33 17		1891 00	33 15		1953 00	33 12	
1830 00	33 18		1892.00	33 15		1954 00	33 12	
1831 00	33 17		1893 00	33 15		1955 00	33 12	
1832 00	33 18		1894 00	33 15		1956.00	33 12	
1833 00	33 17		1895 00	33 15		1957 00	33 12	
1834 00	33 17		1896.00	33 14		1958 00	33 12	
1835 00	33 18		1897 00	33 14		1959 00	33 12	
1836 00	33 17		1898 00	33 15		1960.00	33 12	
1837 00	33 17		1899 00	33 15		1961 00	33 12	
1838 00	33 17		1900 00	33 15		1962.00	33 12	
1839 00	33 17		1901 00	33 15		1963 00	33 12	
1840 00	33 17		1902.00	33 14		1964 00	33 11	
1841 00	33 17		1903 00	33 14		1965 00	33 12	
1842 00	33 17		1904 00	33 14		1966.00	33 12	
1843 00	33 17		1905 00	33 15		1967 00	33 12	
1844 00	33 17		1906 00	33 14		1968 00	33 12	
1845 00	33 17		1907 00	33 14		1969 00	33 11	
1846 00	33 17		1908 00	33 14		1970 00	33 11	
1847 00	33 17		1909 00	33 14		1971 00	33 11	
1848 00	33 17		1910 00	33 14		1972.00	33 11	
1849 00	33 17		1911 00	33 14		1973 00	33 11	
1850 00	33 17		1912.00	33 14		1974 00	33 11	
1851 00	33 17		1913 00	33 14		1975 00	33 11	
1852 00	33 16		1914 00	33 14		1976.00	33 11	
1853 00	33 16		1915 00	33 14		1977.00	33 11	
1854 00	33 16		1916 00	33 14		1978.00	33 11	
1855 00	33 17		1917 00	33 14		1979 00	33 11	
1856 00	33 17		1918 00	33 14		1980 00	33 11	
1857 00	33 16		1919 00	33 14		1981 00	33 11	
1858 00	33 16		1920 00	33 13		1982.00	33 11	
1859 00	33 16		1921 00	33 14		1983 00	33 11	
1860 00	33 16		1922 00	33 14		1984 00	33 11	
1861 00	33 16		1923 00	33 14		1985 00	33 11	
1862.00	33 16		1924 00	33 13		1986.00	33 11	
1863 00	33 16		1925 00	33 13		1987 00	33 11	
1864 00	33 16		1926 00	33 13		1988 00	33 11	

Elapsed Tim	Valu	Hand Mea	Elapsed Tim	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1989 00	33 11							
1990 00	33 11							
1991 00	33 10							
1992.00	33 10							
1993 00	33 10							
1994 00	33 10							
1995 00	33 10							
1996.00	33 10							
1997 00	33 10							
1998 00	33 10							
1999 00	33 10							
2000 00	33 10							
2001 00	33 10							
2002.00	33 10							
2003 00	33 10							
2004 00	33 10							
2005 00	33 10							
2006 00	33 10							
2007 00	33 10							
2008 00	33 10							
2009 00	33 10							
2010 00	33 09							
2011 00	33 09							
2012.00	33 09							
2013 00	33 09							
2014 00	33 10							
2015 00	33 09							
2016.00	33 09							
2017 00	33 09							
2018 00	33 09							
2019 00	33 09							
2020 00	33 09							
2021 00	33 09							
2022.00	33 09							
2023 00	33 09							
2024 00	33 09							
2025 00	33 09							
2026 00	33 09							
2027 00	33 09							
2028 00	33 09							
2029 00	33 09							
2030 00	33 09							
2031 00	33 09							
2032 00	33 09							
2033 00	33 09							
2034 00	33 09							
2035 00	33 09							
2036 00	33 09							
2037 00	33 09							
2038 00	33 09							
2039 00	33 09							
2040 00	33 09							
2041 00	33 09							
2042 00	33 09							
2043 00	33 09							

Well 21091 File 10
SE1000B
Environmental Logger
05/06 11 15

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 33 11
Scale factor 4 89
Offset 0 06

Step# 0 05/04 17.22

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas
0 0000	33 11		1.5000	33 05		50 0000	31.53	
0 0033	33 11		1.5833	33 05		52.0000	31.51	
0 0066	33.11		1.6667	33 04		54 0000	31 49	
0 0099	33 11		1 7500	33 04		56.0000	31 47	
0 0133	33 11		1.8333	33 03		58.0000	31 45	
0.0166	33.11		1 9167	33 02		60.0000	31 42	
0 0200	33 11		2.0000	33 02		62.0000	31 41	
0 0233	33 11		2.5000	32.98		64.0000	31.38	
0 0266	33 11		3 0000	32.95		66.0000	31.36	
0 0300	33 11		3.5000	32.92		68.0000	31.35	
0 0333	33 11		4.0000	32.89		70 0000	31.33	
0 0500	33 11		4.5000	32.86		72.0000	31.31	
0.0666	33 11		5 0000	32.84		74 0000	31.30	
0.0833	33.11		5.5000	32.82		76.0000	31.29	
0 1000	33.11		6.0000	32.79		78 0000	31.27	
0 1166	33 11		6.5000	32.77		80 0000	31.25	
0 1333	33 10		7 0000	32.74		82.0000	31.24	
0 1500	33 11		7.5000	32.71		84 0000	31.22	
0 1666	33 11		8.0000	32.69		86 0000	31.21	
0 1833	33 11		8.5000	32.67		88.0000	31.20	
0.2000	33 11		9 0000	32.62		90 0000	31 18	
0.2166	33 11		9.5000	32.62		92 0000	31 17	
0.2333	33 10		10 0000	32 60		94 0000	31 15	
0.2500	33 10		12.0000	32.50		96.0000	31 14	
0.2666	33 10		14 0000	32.41		98 0000	31 13	
0.2833	33 10		16.0000	32.34		100.000	31 12	
0.3000	33 10		18.0000	32.26		110.000	31 06	
0.3166	33 10		20.0000	32.19		120.000	31 01	
0.3333	33.10		22.0000	32.13		130.000	30 97	
0 4167	33 10		24 0000	32.07		140.000	30 93	
0.5000	33 10		26.0000	32.00		150.000	30 89	
0.5833	33 10		28 0000	31 95		160.000	30 85	
0 6667	33 10		30.0000	31 90		170 000	30 82	
0 7500	33 09		32.0000	31.84		180.000	30 79	
0 8333	33 09		34 0000	31 80		190.000	30 75	
0 9167	33 08		36.0000	31 75		200.000	30 73	
1 0000	33 08		38 0000	31 72		210.000	30 69	
1 0833	33 08		40 0000	31 68		220.000	30 67	
1 1667	33 07		42.0000	31 65		230.000	30 65	
1.2500	33 06		44 0000	31 61		240.000	30 62	
1.3333	33 06		46.0000	31.58		250.000	30 60	
1 4166	33 06		48 0000	31.55		260.000	30.58	

Elapsed Time	Value	Hand Meas
270.000	30.56	
280.000	30.54	
290.000	30.52	
300.000	30.50	
310.000	30.48	
320.000	30.46	
330.000	30.44	
340.000	30.42	
350.000	30.40	
360.000	30.38	
370.000	30.37	
380.000	30.35	
390.000	30.33	
400.000	30.33	
410.000	30.31	
420.000	30.29	
430.000	30.28	
440.000	30.27	
450.000	30.25	
460.000	30.24	
470.000	30.23	
480.000	30.22	
490.000	30.20	
500.000	30.19	
510.000	30.18	
520.000	30.17	
530.000	30.15	
540.000	30.14	
550.000	30.14	
560.000	30.12	
570.000	30.10	
580.000	30.10	
590.000	30.09	
600.000	30.08	
610.000	30.06	
620.000	30.05	
630.000	30.05	
640.000	30.03	
650.000	30.02	
660.000	30.01	
670.000	30.01	
680.000	30.01	
690.000	30 00	
700.000	29.99	
710.000	29 98	
720.000	29 97	
730.000	29 97	
740.000	29.96	
750.000	29 95	
760.000	29.96	
770.000	29 95	
780.000	29 95	
790.000	29 94	
800.000	29 93	
810.000	29 93	
820.000	29 92	
830.000	29 91	
840.000	29 92	
850.000	29 91	
860.000	29 91	
870.000	29 91	

Elapsed Time	Value	Hand Meas
880.000	29 89	
890.000	29 90	
900.000	29 90	
910.000	29 88	
920.000	29 89	
930.000	29 88	
940.000	29 87	
950.000	29 87	
960.000	29.87	
970.000	29 86	
980.000	29 86	
990.000	29 85	
1000.00	29 85	
1100.00	29.82	
1200.00	29 78	
1300.00	29 73	
1400.00	29.68	
1500.00	29 65	
1600.00	29.63	
1700.00	29 62	
1800.00	29.61	
1900.00	29.59	
2000.00	29.56	
2100.00	29.54	
2200.00	29.50	
2300.00	29.50	
2400.00	29 49	
2500.00	29 47	

Elapsed Time	Value	Hand Meas

Well 21091 File 11
SE1000B
Environmental Logger
05/11 17.24

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 29 47
Scale factor 4 89
Offset 0 06

Step# 0 05/06 11 23

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	29 46		1260.00	29.32		2520.00	29.20	
30.0000	29 45		1290.00	29.32		2550.00	29.21	
60 0000	29.45		1320.00	29.32		2580.00	29.20	
90.0000	29 44		1350.00	29.32		2610.00	29.20	
120.000	29 43		1380.00	29.31		2640.00	29.20	
150.000	29 42		1410.00	29.31		2670.00	29.20	
180.000	29 42		1440 00	29.30		2700.00	29.20	
210.000	29 41		1470.00	29.31		2730.00	29.20	
240.000	29 40		1500.00	29.30		2760.00	29.20	
270.000	29.39		1530.00	29.30		2790.00	29.20	
300.000	29.39		1560.00	29.30		2820 00	29.20	
330.000	29.38		1590.00	29.29		2850 00	29 19	
360.000	29.38		1620 00	29.29		2880 00	29 19	
390.000	29.38		1650.00	29.29		2910.00	29 18	
420.000	29.37		1680.00	29.29		2940 00	29 16	
450.000	29.36		1710.00	29.29		2970.00	29 16	
480.000	29.36		1740 00	29.28		3000.00	29 15	
510.000	29.36		1770.00	29.28		3030 00	29 14	
540.000	29.36		1800.00	29.27		3060 00	29 13	
570.000	29.35		1830.00	29.27		3090 00	29 12	
600.000	29.35		1860.00	29.26		3120.00	29 11	
630.000	29.35		1890 00	29.26		3150 00	29 11	
660.000	29.35		1920.00	29.24		3180 00	29 10	
690.000	29.35		1950 00	29.24		3210 00	29 10	
720.000	29.35		1980.00	29.25		3240 00	29 10	
750.000	29.35		2010 00	29.24		3270 00	29 09	
780.000	29.34		2040 00	29.25		3300 00	29 09	
810.000	29.34		2070 00	29.24		3330 00	29 09	
840.000	29.34		2100.00	29.24		3360 00	29 08	
870.000	29.34		2130 00	29.23		3390 00	29 08	
900.000	29.33		2160 00	29.24		3420 00	29 07	
930.000	29.32		2190 00	29 23		3450 00	29 07	
960.000	29.32		2220.00	29.23		3480 00	29 06	
990.000	29.32		2250.00	29.22		3510 00	29 06	
1020 00	29.32		2280.00	29.23		3540 00	29 06	
1050.00	29.32		2310.00	29.22		3570 00	29 06	
1080 00	29.32		2340 00	29.22		3600 00	29 05	
1110 00	29.32		2370 00	29.21		3630 00	29 05	
1140 00	29.32		2400 00	29.21		3660 00	29 04	
1170 00	29.32		2430 00	29.21		3690 00	29 03	
1200.00	29.32		2460 00	29.20		3720 00	29 03	
1230 00	29.32		2490.00	29 20		3750 00	29 02	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
3780.00	29.02		5610.00	29 16				
3810.00	29 01		5640.00	29 16				
3840.00	29.01		5670 00	29 16				
3870.00	29.01		5700.00	29 16				
3900.00	29.01		5730 00	29 17				
3930.00	29.00		5760.00	29 17				
3960.00	29 00		5790.00	29 17				
3990.00	29.00		5820.00	29 17				
4020.00	28.99		5850.00	29 18				
4050.00	29.00		5880.00	29 18				
4080.00	28.99		5910.00	29 17				
4110.00	29.00		5940.00	29 17				
4140.00	29.00		5970.00	29 17				
4170.00	29.00		6000.00	29 17				
4200.00	28.99		6030.00	29 17				
4230.00	28.99		6060.00	29 17				
4260.00	28.98		6090.00	29 17				
4290.00	28.98		6120.00	29 17				
4320.00	28.97		6150.00	29 17				
4350.00	28.96		6180.00	29 17				
4380.00	28 96		6210.00	29 16				
4410.00	28.95		6240.00	29 16				
4440.00	28.94		6270.00	29 16				
4470.00	28.93		6300.00	29 16				
4500.00	28.93		6330.00	29 17				
4530.00	28.91		6360.00	29 19				
4560.00	28.91		6390.00	29 18				
4590.00	28.91		6420.00	29 18				
4620.00	28.90		6450.00	29 18				
4650.00	28.91		6480.00	29 19				
4680.00	28 92		6510.00	29 19				
4710.00	28.94		6540.00	29.20				
4740.00	28.95		6570.00	29.21				
4770.00	28.94		6600.00	29.20				
4800.00	28 95		6630.00	29.20				
4830.00	28.97		6660.00	29.20				
4860 00	28.97		6690.00	29 19				
4890.00	28.98		6720.00	29 19				
4920.00	28 98		6750.00	29 19				
4950.00	29.01		6780.00	29 19				
4980.00	29.01		6810.00	29 19				
5010.00	29.02		6840.00	29 19				
5040.00	29.04		6870.00	29 19				
5070 00	29.04		6900.00	29.20				
5100 00	29 05		6930.00	29.20				
5130 00	29 06		6960.00	29.21				
5160.00	29 07		6990.00	29.20				
5190.00	29.08		7020.00	29.21				
5220.00	29.09		7050.00	29.21				
5250.00	29 10		7080.00	29.21				
5280 00	29 10		7110.00	29.21				
5310 00	29 11		7140.00	29.21				
5340 00	29 11		7170.00	29.21				
5370 00	29 12		7200.00	29.22				
5400 00	29 13		7230 00	29.21				
5430.00	29 13		7260.00	29.21				
5460.00	29 14		7290 00	29.21				
5490 00	29 15		7320.00	29.20				
5520 00	29 15							
5550 00	29 16							
5580 00	29 16							

OBSERVATION WELL No 3687
Hydrostratigraphic Unit. Sandstone #1 (Arapahoe)
Filter Pack/Screened Interval. 18 1 ft. to 61 6 ft.
Distance to Pumping Well 10 4 Pumping Well ID 2
TOPC 30 5 From Ground Surface
Note Real Time Start of Test = 17 30
Logger Time Start of Test = 15 47

Well 3687 File 03
SE1000B
Environmental Logger
04/28 20 18

Unit# 00000 Test# 0

INPUT 2 Level (F) TOC

Reference 29 52
Scale factor 9 99
Offset 0 01

Step# 0 04/28 17 30

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	29 93		0 7500	29 94		14.0000	30 45	
0 0033	29 93		0 8333	29 94		16.0000	30.52	
0 0066	29 93		0 9167	29 95		18 0000	30.59	
0 0099	29 93		1 0000	29 95		20 0000	30.65	
0 0133	29 93		1 0833	29 95		22.0000	30 71	
0 0166	29 93		1 1667	29 95		24 0000	30 77	
0 0200	29 93		1.2500	29 96		26.0000	30 82	
0 0233	29 93		1 3333	29 96		28.0000	30 87	
0 0266	29 93		1 4166	29 96		30.0000	30 92	
0 0300	29 93		1.5000	29 97		32.0000	30 96	
0 0333	29 93		1 5833	29 97		34.0000	31 00	31 08
0 0500	29 93		1 6667	29 97		36.0000	31 04	
0 0666	29 93		1 7500	29 98		38 0000	31 07	
0 0833	29 93		1 8333	29 98		40 0000	31 10	
0 1000	29 93		1 9167	29 98		42.0000	31 13	
0 1166	29 93		2 0000	29 98		44 0000	31 16	
0 1333	29 93		2.5000	30.00		46.0000	31 18	
0 1500	29 93		3 0000	30.02		48.0000	31.21	
0 1666	29 93		3 5000	30.04		50 0000	31 23	
0 1833	29 93		4 0000	30.06		52.0000	31.26	
0 2000	29 93		4 5000	30.08		54 0000	31 27	
0 2166	29 93		5 0000	30.10		56 0000	31 30	
0 2333	29 93		5 5000	30 12		58 0000	31 31	
0 2500	29 93		6.0000	30.14		59 0000		31 40
0 2666	29 93		6 5000	30.16		60 0000	31.33	
0 2833	29 93		7 0000	30.18		62 0000	31 35	
0 3000	29 93		7.5000	30 20		64 0000	31 36	
0 3166	29 93		8 0000	30 22		66.0000	31 38	
0 3333	29 93		8.5000	30.24		68 0000	31 39	
0 4167	29 93		9 0000	30 26		70 0000	31 40	
0 5000	29 93		9.5000	30.28		72.0000	31 42	
0.5833	29 93		10 0000	30.30		74 0000	31 43	
0 6667	29 94		12 0000	30 38		76.0000	31 45	

El psed Tim	Valu	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
78 0000	31 46							
80 0000	31 47							
82 0000	31 49							
84 0000	31.50							
86.0000	31.51							
88 0000	31.52							
90 0000	31.53	31 62						
92 0000	31.55							
94 0000	31.56							
96.0000	31.57							
98 0000	31.58							
100.000	31.59							
110.000	31.64	31 74						
120.000	31.68							
130.000	31 73							
140.000	31 77							
150.000	31 81	31 92						
160 000	31 83							

Well 3687 File 04
SE1000B
Environmental Logger
04/29 09 35

Unit# 00000 Test# 0

INPUT 2 Level (F) TOC

Reference 29 52
Scale factor 9 99
Offset 0 01

Step# 0 04/28 20 20

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	31 87		43 0000	32 02		86.0000	32.13	
1 0000	31 88		44 0000	32.03		87 0000	32.13	
2 0000	31 88		45 0000	32 03		88.0000	32 14	
3 0000	31 89		46 0000	32 03		89 0000	32.14	
4 0000	31 89		47 0000	32 03		90 0000	32.14	
5 0000	31 89		48 0000	32 03		91 0000	32 14	
6 0000	31 90		49 0000	32 04		92.0000	32.15	
7 0000	31 90		50 0000	32 04		93 0000	32 15	
8 0000	31 90		51 0000	32 04		94 0000	32 15	
9 0000	31 91		52.0000	32.05		95 0000	32.15	
10 0000	31 91		53 0000	32.05		96.0000	32.15	
11 0000	31 92		54 0000	32 05		97 0000	32 15	
12 0000	31 92		55 0000	32 06		98 0000	32.16	
13 0000	31 92		56.0000	32 06		99 0000	32.16	
14 0000	31 92		57 0000	32.06		100.000	32.16	
15 0000	31 93		58 0000	32 06		101 000	32 16	
16 0000	31 93		59 0000	32 07		102.000	32.17	
17 0000	31 94		60 0000	32 07		103 000	32 17	
18 0000	31 94		61 0000	32 07		104 000	32.17	
19 0000	31 94		62 0000	32 07		105 000	32 17	
20 0000	31 95		63 0000	32 08		106.000	32 17	
21 0000	31 95		64 0000	32 08		107 000	32.18	
22 0000	31 96		65 0000	32 08		108 000	32 18	
23 0000	31 96		66 0000	32 09		109 000	32.18	
24 0000	31 96		67 0000	32 09		110.000	32 18	
25 0000	31 97		68 0000	32 09		111 000	32.19	
26 0000	31 97		69 0000	32 09	32 20	112.000	32.19	
27 0000	31 97		70 0000	32.09		113 000	32 19	
28 0000	31 97		71 0000	32 09		114 000	32.19	
29 0000	31 98		72 0000	32.10		115 000	32.19	
30 0000	31 98		73 0000	32 10		116.000	32.20	
31 0000	31 98		74 0000	32 10		117 000	32.20	
32 0000	31 99		75 0000	32 10		118.000	32 20	
33 0000	31 99		76 0000	32 11		119 000	32.20	
34 0000	31 99		77 0000	32.11		120.000	32.21	
35 0000	32 00		78 0000	32.11		121 000	32.21	
36 0000	32 00		79 0000	32 11		122.000	32.21	
37 0000	32 00		80 0000	32 12		123 000	32 21	
38 0000	32 01		81 0000	32 12		124 000	32.21	
39 0000	32 01		82 0000	32 12		125 000	32.21	
40 0000	32 01		83 0000	32 12		126.000	32.21	
41 0000	32 02		84 0000	32.13		127 000	32.22	
42 0000	32 02		85 0000	32 13		128 000	32.22	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
129 000	32.22		191 000	32.31		253 000	32.39	
130 000	32.22		192.000	32.31		254 000	32.39	
131 000	32.23		193 000	32.31		255 000	32.39	
132.000	32.23		194.000	32.31		256.000	32.39	
133 000	32.23		195 000	32.31		257 000	32.40	
134 000	32.23		196.000	32.31		258.000	32.40	
135 000	32.23		197 000	32.31		259 000	32.40	
136.000	32.24	32 34	198.000	32.31		260.000	32.40	
137 000	32.23		199 000	32.31		261 000	32.40	
138.000	32.24		200.000	32.32		262.000	32.40	
139 000	32.24		201 000	32.32		263 000	32.40	
140 000	32.24		202.000	32.32		264 000	32.40	
141 000	32.24		203 000	32.32		265 000	32.41	
142.000	32.23		204 000	32.32		266.000	32.41	
143 000	32.23		205 000	32.32		267 000	32.41	
144 000	32.22		206.000	32.32		268.000	32.41	
145 000	32.23		207 000	32.32		269.000	32.41	
146.000	32.23		208.000	32.33		270.000	32.41	
147 000	32.23		209 000	32.33		271 000	32.41	
148 000	32.23		210.000	32.33		272.000	32.42	
149 000	32.23		211 000	32.33		273 000	32.42	
150 000	32.23		212.000	32.33		274 000	32.42	
151 000	32.24		213 000	32.33		275 000	32.42	
152.000	32.24		214 000	32.33		276.000	32.42	
153 000	32.24		215 000	32.33		277 000	32.42	
154 000	32.24		216.000	32.33		278.000	32.42	
155 000	32.24		217 000	32.34		279 000	32.42	
156.000	32.25		218.000	32.34		280.000	32.43	
157 000	32.25		219 000	32.34		281 000	32.43	
158 000	32.25		220.000	32 34		282.000	32.43	
159 000	32.25		221 000	32.34		283 000	32.43	
160 000	32.25		222.000	32.34		284.000	32.43	
161 000	32.26		223 000	32.34	32.46	285 000	32.43	
162.000	32.26		224 000	32.34		286.000	32.43	
163 000	32.26		225 000	32.34		287 000	32.44	
164 000	32.26		226.000	32.35		288.000	32.44	
165 000	32.26		227 000	32.35		289 000	32.44	
166.000	32.27		228 000	32.35		290.000	32.44	
167 000	32.27		229 000	32.35		291 000	32.44	
168 000	32.27		230.000	32.35		292.000	32 44	
169 000	32.27		231 000	32 35		293 000	32.44	
170 000	32.27		232.000	32 36		294 000	32.44	
171 000	32 27		233 000	32 36		295 000	32.45	
172.000	32.27		234 000	32.36		296.000	32.44	
173 000	32.28		235 000	32.36		297 000	32.45	
174 000	32.28		236.000	32.36		298.000	32.45	
175 000	32.28		237 000	32.36		299 000	32.45	
176.000	32 28		238.000	32.37		300.000	32.45	
177 000	32.28		239 000	32.37		301 000	32.45	
178 000	32 28		240.000	32.37		302.000	32.45	
179 000	32.29		241 000	32.37		303 000	32.45	
180 000	32.29		242.000	32 37		304 000	32.46	
181 000	32.29		243 000	32.38		305 000	32.46	
182.000	32.29		244 000	32.38		306.000	32.46	
183 000	32.29		245 000	32.38		307 000	32.46	
184 000	32.30		246.000	32.38		308.000	32 46	
185 000	32.30		247 000	32.38		309 000	32.46	
186.000	32.30		248 000	32.38		310.000	32.46	
187 000	32 30		249 000	32.38		311 000	32.46	
188 000	32.30		250.000	32.38		312.000	32.46	
189 000	32.30		251 000	32.38		313 000	32.47	
190 000	32.30		252.000	32.39		314 000	32.47	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
315 000	32.47		377 000	32.52		439 000	32.58	
316.000	32.47		378.000	32.52		440.000	32.58	
317 000	32.47		379 000	32.52		441 000	32.59	
318.000	32.47		380.000	32.52		442.000	32.59	
319 000	32.47		381 000	32.52		443 000	32.59	
320.000	32.47		382.000	32.52		444 000	32.59	
321 000	32.47		383 000	32.53		445 000	32.59	
322.000	32.48		384 000	32.53		446.000	32.59	
323 000	32.48		385 000	32.53		447 000	32.59	
324 000	32.48		386.000	32.53		448.000	32.59	
325 000	32.48		387 000	32.53		449 000	32.59	
326.000	32.48		388.000	32.53		450.000	32.59	
327 000	32.48		389 000	32.53		451 000	32.60	
328.000	32.48		390.000	32.54		452.000	32.60	
329 000	32.48		391 000	32.54		453 000	32.60	
330.000	32.48		392.000	32.54		454.000	32.60	
331 000	32.48		393 000	32.54		455 000	32.60	
332.000	32.49		394.000	32.54		456.000	32.60	
333 000	32.49		395 000	32.54		457 000	32.60	
334 000	32.49		396.000	32.54		458.000	32.60	
335 000	32.49		397 000	32.54		459.000	32.59	
336.000	32.49		398.000	32.54		460.000	32.60	
337 000	32.49		399 000	32.55		461 000	32.60	
338 000	32.49		400.000	32.55		462.000	32.60	
339 000	32.49		401 000	32.55		463 000	32.60	
340 000	32.49		402.000	32.55		464.000	32.60	
341 000	32.49		403 000	32.55		465 000	32.60	
342.000	32.50		404 000	32.55		466.000	32.60	32.70
343 000	32.50		405 000	32.55		467 000	32.60	
344 000	32.50		406.000	32.56		468.000	32.61	
345 000	32.50		407 000	32.56		469 000	32.61	
346.000	32.50		408.000	32.56		470.000	32.61	
347 000	32.50		409 000	32.56		471 000	32.61	
348 000	32.50		410.000	32.56		472.000	32.61	
349 000	32.50		411 000	32.56		473 000	32.61	
350 000	32.50		412.000	32.56		474 000	32.61	
351 000	32.50		413 000	32.56		475 000	32.61	
352.000	32.50	32 62	414 000	32.56		476.000	32.62	
353 000	32.50		415 000	32.56		477 000	32.62	
354 000	32.50		416.000	32.56		478.000	32.62	
355 000	32.50		417 000	32.56		479 000	32.62	
356.000	32.49		418 000	32.56		480.000	32.62	
357 000	32 49		419 000	32.56		481 000	32.62	
358 000	32.49		420.000	32.57		482.000	32.62	
359 000	32.49		421 000	32.57		483 000	32.62	
360.000	32.49		422.000	32.57		484 000	32.62	
361 000	32.49		423 000	32.57		485 000	32.63	
362.000	32 49		424 000	32.57		486.000	32.62	
363 000	32.50		425 000	32.57		487 000	32.63	
364 000	32.50		426.000	32.57		488.000	32.63	
365 000	32.50		427 000	32.57		489 000	32.63	
366.000	32.50		428.000	32.57		490.000	32.63	
367 000	32.50		429 000	32.57		491 000	32.63	
368 000	32.50		430.000	32.57		492.000	32.63	
369 000	32.50		431 000	32.58		493 000	32.63	
370 000	32.51		432.000	32.58		494.000	32.63	
371 000	32.51		433 000	32.58		495 000	32.63	
372.000	32.51		434 000	32.58		496.000	32.64	
373 000	32.51		435 000	32.58		497 000	32.64	
374 000	32.51		436.000	32.58		498.000	32.64	
375 000	32.51		437 000	32.58		499 000	32.64	
376.000	32.52		438 000	32.58		500.000	32.64	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
501 000	32.64		563 000	32.71		625.000	32.75	
502.000	32.65		564 000	32.71		626.000	32.75	
503 000	32.65		565 000	32.71		627 000	32.75	
504 000	32.65		566.000	32.71		628.000	32.75	
505 000	32.65		567 000	32.71		629 000	32.75	
506.000	32.65		568.000	32.71		630.000	32.76	
507 000	32.65		569 000	32.71		631 000	32.76	
508.000	32.65		570 000	32.71		632.000	32.76	32.88
509 000	32.65		571 000	32.71		633 000	32.75	
510.000	32.66		572.000	32.71		634.000	32.76	
511 000	32.66		573 000	32.71		635 000	32.76	
512.000	32.66		574 000	32.72		636.000	32.76	
513 000	32.66		575 000	32.72		637 000	32.76	
514 000	32.66		576.000	32.72		638.000	32.76	
515 000	32.66		577 000	32.72		639 000	32.76	
516.000	32.66		578.000	32.72		640.000	32.76	
517 000	32.66		579 000	32.72		641 000	32.76	
518.000	32.66		580.000	32.72		642.000	32.76	
519 000	32.66		581 000	32.72		643.000	32.76	
520.000	32.66		582.000	32.72		644.000	32.76	
521 000	32.65		583 000	32.72		645 000	32.76	
522.000	32.65		584 000	32.73		646.000	32.76	
523 000	32.65		585 000	32.72		647 000	32 77	
524 000	32.66		586.000	32.72		648.000	32.77	
525 000	32.66		587 000	32.72		649 000	32.77	
526.000	32.66		588 000	32.72		650.000	32.77	
527 000	32.66		589 000	32.73		651 000	32.77	
528.000	32.66		590.000	32.73		652.000	32.77	
529 000	32.66		591 000	32.73	32 84	653 000	32.77	
530.000	32.66		592.000	32.73		654.000	32.77	
531 000	32.67		593 000	32.73		655 000	32.77	
532.000	32.67		594 000	32.73		656.000	32.77	
533 000	32.67		595 000	32.73		657 000	32.77	
534 000	32.67		596.000	32.73		658.000	32.77	
535 000	32.67		597 000	32.73		659 000	32.78	
536.000	32.67		598.000	32.73		660.000	32.78	
537 000	32.68		599 000	32.73		661 000	32.78	
538 000	32.68		600.000	32.73		662.000	32.78	
539 000	32.68		601 000	32.74		663 000	32.78	
540 000	32.68		602.000	32.74		664 000	32.78	
541 000	32.68		603 000	32.74		665 000	32.78	
542.000	32.68		604 000	32 74		666.000	32.78	
543 000	32 68		605 000	32.74		667 000	32.78	
544 000	32.68		606.000	32.74		668 000	32.78	
545 000	32.69		607 000	32 74		669 000	32.78	
546.000	32 69		608.000	32.74		670.000	32.78	
547 000	32.69		609 000	32.74		671 000	32.78	
548.000	32.69		610.000	32.74		672.000	32.79	
549 000	32.69		611 000	32.74		673 000	32.79	
550.000	32.69		612.000	32.74		674.000	32.79	
551 000	32 69		613 000	32.74		675 000	32.79	
552.000	32.70		614 000	32 74		676.000	32 79	
553 000	32 70		615 000	32.74		677 000	32.79	
554 000	32 70		616.000	32.75		678.000	32.79	
555 000	32.70		617 000	32.75		679 000	32.79	
556.000	32.70		618 000	32.75		680.000	32.79	
557 000	32 70		619 000	32 75		681 000	32.79	
558 000	32.70		620 000	32 75		682.000	32.79	
559 000	32 70		621 000	32 75		683 000	32.79	
560 000	32 70		622.000	32.75		684 000	32.79	
561 000	32 70		623 000	32 75		685 000	32.79	
562.000	32 71		624 000	32.75		686.000	32 80	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
687 000	32.80		714.000	32.81		741 000	32.84	
688 000	32 80		715 000	32.81		742.000	32.84	
689 000	32 80		716.000	32.82		743.000	32.84	
690.000	32.80		717 000	32.82		744.000	32.84	
691 000	32.80		718.000	32.82		745 000	32.84	
692.000	32.80	32 92	719 000	32.82		746.000	32.84	
693 000	32.80		720.000	32.82		747 000	32.84	
694 000	32.80		721 000	32.82		748.000	32.84	
695 000	32.79		722.000	32.82		749 000	32.85	
696.000	32.79		723 000	32.83		750.000	32.85	
697 000	32.79		724 000	32.83		751 000	32.85	
698.000	32.79		725 000	32.83		752.000	32.85	
699 000	32.79		726.000	32.83		753 000	32.85	
700.000	32.79		727 000	32.83		754.000	32.85	
701 000	32.79		728.000	32.83		755 000	32.85	
702.000	32.79		729 000	32.83		756.000	32.85	
703 000	32.79		730.000	32.83		757 000	32.85	
704 000	32.79		731 000	32.84		758.000	32.85	
705 000	32.80		732.000	32.84		759 000	32.85	
706.000	32.80		733 000	32.84		760.000	32.85	
707 000	32.80		734 000	32.84		761 000	32.85	
708.000	32.80		735 000	32.84		762.000	32.85	
709 000	32.80		736.000	32.84		763 000	32.85	
710.000	32.81		737 000	32.84		764.000	32.85	
711 000	32.81		738 000	32.84				
712.000	32.81		739 000	32.85				
713 000	32.81		740.000	32.84				

Well 3687 File 05
SE1000B
Environmental Logger
04/30 09 33

Unit# 00000 Test# 0

INPUT 2 Level (F) TOC

Reference 32 98
Scale factor 9 99
Offset 0 01

Step# 1 04/29 10 51

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	32.98		43 0000	32.98		86.0000	33 01	
1 0000	32.97		44 0000	32.98		87 0000	33.01	
2 0000	32.98		45 0000	32 98		88 0000	33 01	
3 0000	32.98		46 0000	32.99		89 0000	33 01	
4 0000	32.97		47 0000	32.99		90 0000	33 01	
5 0000	32.97		48 0000	32 99		91 0000	33 01	
6 0000	32.98		49 0000	32.99		92.0000	33 01	
7 0000	32.98		50 0000	32.99		93 0000	33 01	
8 0000	32.97		51 0000	32.99		94 0000	33 01	
9 0000	32.98		52.0000	32 99		95 0000	33 01	
10 0000	32.98		53 0000	32.99		96.0000	33 01	
11 0000	32 98		54 0000	32 99		97 0000	33 01	
12 0000	32 98		55 0000	32.99		98.0000	33 02	
13 0000	32 98		56 0000	33 00		99 0000	33 02	
14 0000	32.98		57 0000	33 00		100.000	33.02	
15 0000	32.98		58 0000	33 00		101 000	33 02	
16.0000	32 98		59 0000	33 00		102.000	33 02	
17 0000	32 98		60 0000	33 00		103 000	33 02	
18 0000	32 98		61 0000	33 00		104 000	33 02	
19 0000	32 98		62.0000	33 00		105 000	33 02	
20 0000	32 98		63 0000	33 00		106.000	33 02	
21 0000	32 98		64 0000	33 00		107 000	33 02	
22 0000	32 98		65 0000	33 00		108.000	33 02	
23 0000	32 97		66 0000	33 00		109 000	33 02	
24 0000	32 96		67 0000	33 00		110.000	33 02	
25 0000	32 96		68 0000	33 00		111 000	33 02	
26 0000	32 96		69 0000	33 00		112.000	33 02	
27 0000	32 96		70 0000	33 00		113 000	33 02	
28 0000	32.97		71 0000	33 00		114 000	33 02	
29 0000	32 97		72 0000	33 00		115 000	33 02	
30 0000	32 97		73 0000	33 00		116.000	33 02	
31 0000	32 97		74 0000	33 00		117 000	33 02	
32 0000	32 97		75 0000	33 01		118.000	33 02	
33 0000	32 97		76 0000	33 01		119 000	33 02	
34 0000	32.97		77 0000	33 01		120.000	33 02	
35 0000	32 98		78 0000	33 01		121 000	33 02	
36 0000	32 98		79 0000	33 01		122.000	33 02	
37 0000	32 98		80 0000	33 01		123 000	33 02	
38 0000	32 98		81 0000	33 01		124 000	33 02	
39 0000	32 98		82 0000	33 01		125 000	33 02	
40 0000	32 98		83 0000	33 01		126.000	33 02	
41 0000	32 98		84 0000	33 01		127 000	33 02	
42 0000	32 98		85 0000	33 01		128 000	33 02	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
129 000	33 02		190.000	32.96		251 000	32.95	
130 000	33 02		191 000	32.95		252.000	32.95	
131 000	33 02		192.000	32.95		253 000	32.94	
132.000	33 02		193 000	32.95		254.000	32.94	
133 000	33 02		194 000	32.95		255 000	32.94	
134 000	33 02		195 000	32 95		256.000	32.94	
135 000	33 02		196.000	32.95		257 000	32.94	
136.000	33 02		197 000	32.95		258.000	32.95	
137 000	33.02		198.000	32.95		259 000	32.95	
138 000	33 02		199 000	32.95		260.000	32.95	
139 000	33 02		200.000	32.95		261 000	32.95	
140.000	33 02		201 000	32.95		262.000	32.95	
141 000	33 02		202.000	32.95		263.000	32.95	
142.000	33 02		203 000	32.95		264.000	32.95	
143 000	33 01		204 000	32.95		265.000	32.95	
144 000	33 01		205 000	32.95		266.000	32.95	
145 000	33 01		206.000	32.95		267 000	32.95	
146.000	33 00		207 000	32.95		268.000	32.95	
147 000	33 00		208.000	32.95		269 000	32.95	
148.000	33 00		209 000	32.95		270.000	32.95	
149 000	32.99		210.000	32 95		271 000	32.95	
150.000	32 99		211 000	32.95		272.000	32.95	
151 000	32.99		212.000	32.95		273 000	32.95	
152.000	32 99		213 000	32.95		274.000	32.95	
153 000	32.98		214 000	32.95		275 000	32.96	
154 000	32.98		215 000	32.95		276.000	32.95	
155 000	32 98		216.000	32.95		277 000	32.95	
156.000	32.98		217 000	32.94		278.000	32.95	
157 000	32 98		218.000	32 94		279 000	32.96	
158 000	32.98		219 000	32.94		280.000	32.96	
159 000	32.98		220.000	32.94		281 000	32.95	
160.000	32.98		221 000	32.94		282.000	32.96	
161 000	32.98		222.000	32.94		283 000	32.96	
162.000	32.97		223 000	32.94	32 97	284.000	32.95	
163 000	32.97		224 000	32.94		285 000	32.95	
164 000	32 97		225 000	32.94		286.000	32.96	
165 000	32.97		226.000	32.94		287 000	32.96	
166.000	32 97		227 000	32.94		288.000	32.96	
167 000	32 97		228.000	32.94		289 000	32.96	
168 000	32 97		229 000	32.94		290.000	32.96	
169 000	32 97		230.000	32.94		291 000	32.95	
170 000	32.97		231 000	32 94		292.000	32.95	
171 000	32 97		232.000	32.94		293 000	32.95	
172.000	32 97		233 000	32.94		294 000	32.95	
173 000	32.97		234 000	32.94		295 000	32.96	
174 000	32 97		235 000	32.94		296.000	32.96	
175 000	32.96		236.000	32.94		297 000	32.95	
176.000	32.96		237 000	32.94		298.000	32.95	
177 000	32.96		238 000	32.94		299 000	32.95	
178 000	32 96		239 000	32.94		300.000	32.96	
179 000	32 96		240.000	32 94		301 000	32.95	
180 000	32 96		241 000	32.94		302.000	32.95	
181 000	32.96		242.000	32.95		303 000	32.95	
182.000	32 96		243 000	32.95		304 000	32.95	
183 000	32 96		244 000	32.95		305 000	32.95	
184 000	32 96		245 000	32 95		306.000	32.95	
185 000	32 96		246.000	32 95		307 000	32.95	
186.000	32 96		247 000	32.95		308.000	32.95	
187 000	32 96		248 000	32.95		309 000	32.95	
188 000	32 96		249 000	32.95		310.000	32.95	
189 000	32 96		250.000	32 95		311 000	32.95	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
312.000	32.95		373 000	32.92		434.000	32.91	
313 000	32.95		374 000	32.92		435 000	32.91	
314 000	32.95		375 000	32.92		436.000	32.92	
315 000	32.95		376.000	32.92		437 000	32.92	
316.000	32.94		377 000	32 92		438.000	32.92	
317 000	32.95		378.000	32.92		439 000	32.92	
318 000	32.95		379 000	32.92		440.000	32.92	
319 000	32.95		380.000	32.92		441 000	32.92	
320.000	32.95		381 000	32.92		442.000	32.92	
321 000	32.95		382.000	32.91		443 000	32.92	
322.000	32.95		383 000	32.91		444.000	32.92	
323 000	32.94		384.000	32.91		445 000	32.92	
324 000	32.94		385 000	32.92		446.000	32.92	
325 000	32.94		386.000	32.92		447 000	32.92	
326.000	32.94		387 000	32.92		448.000	32.92	
327 000	32.94		388.000	32.92		449 000	32.92	
328.000	32.94		389 000	32.92		450.000	32.92	
329 000	32.94		390 000	32 92		451 000	32.92	
330.000	32.94		391 000	32.92		452.000	32.92	
331 000	32.94		392.000	32.92		453 000	32.92	
332.000	32.94		393 000	32.92		454 000	32.92	
333 000	32.94		394 000	32 92		455 000	32.92	
334 000	32.94		395 000	32.92		456.000	32.92	
335 000	32.94		396.000	32.92		457 000	32.92	
336.000	32.94		397 000	32 92		458.000	32.92	
337 000	32.94		398.000	32 92		459 000	32.92	
338.000	32.94		399 000	32.91		460.000	32.92	
339 000	32.94	32 98	400.000	32.91		461 000	32.92	
340.000	32.94		401 000	32.91		462.000	32.92	
341 000	32.94		402.000	32.91		463 000	32.92	
342.000	32.94		403 000	32.91		464.000	32.92	
343 000	32.93		404 000	32.91		465 000	32.92	
344 000	32.94		405 000	32.91		466.000	32.92	32.96
345 000	32.93		406.000	32.91		467 000	32.92	
346.000	32.93		407 000	32.91		468.000	32.92	
347 000	32.93		408.000	32.91		469 000	32.92	
348 000	32.93		409 000	32 91		470.000	32.92	
349 000	32.93		410 000	32.91		471 000	32.92	
350 000	32.93		411 000	32.91		472.000	32.92	
351 000	32.93		412.000	32.91		473 000	32.92	
352.000	32.93		413 000	32.91		474.000	32.92	
353 000	32.92		414 000	32 91		475 000	32 92	
354 000	32 92		415 000	32.91		476.000	32 92	
355 000	32.92		416.000	32.91		477 000	32.92	
356.000	32.92		417 000	32.91		478.000	32 91	
357 000	32.92		418 000	32.91		479 000	32.91	
358 000	32 92		419 000	32 91		480.000	32.91	
359 000	32.92		420.000	32 91		481 000	32.92	
360 000	32.92		421 000	32 91		482.000	32.92	
361 000	32.92		422.000	32.91		483 000	32.92	
362.000	32.92		423 000	32.91		484 000	32.92	
363 000	32.92		424 000	32 91		485 000	32.92	
364 000	32.92		425 000	32.91		486.000	32.92	
365 000	32.92		426.000	32.91		487 000	32.92	
366.000	32.92		427 000	32.91		488.000	32.93	
367 000	32.92		428.000	32.91		489 000	32.93	
368 000	32.92		429 000	32.91		490.000	32.93	
369 000	32.92		430.000	32.91		491 000	32 93	
370 000	32 92		431 000	32.91		492.000	32 93	
371 000	32.92		432.000	32.91		493 000	32.94	
372.000	32 92		433 000	32 91		494 000	32.94	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
495 000	32.94		556.000	33 00		617 000	33 05	
496.000	32.94		557 000	33 00		618.000	33.05	
497 000	32.95		558.000	33 00		619 000	33 05	
498.000	32.95		559 000	33 00		620.000	33.05	
499 000	32.95		560.000	33 00		621 000	33.05	
500.000	32.95		561 000	33 00		622.000	33 05	
501 000	32.95		562.000	33 00		623 000	33 05	
502.000	32.95		563 000	33 00		624.000	33 05	
503 000	32.95		564 000	33 00		625 000	33 05	
504 000	32.96		565 000	33 00		626.000	33 05	
505 000	32.96		566.000	33 00		627 000	33.05	
506.000	32.96		567 000	33 00		628.000	33.05	
507 000	32.96		568.000	33 00		629 000	33 06	
508.000	32.96		569 000	33 01		630.000	33 06	
509 000	32.96		570.000	33 00		631 000	33 06	
510.000	32.96		571 000	33 01		632.000	33.06	
511 000	32.96		572.000	33 01		633 000	33.06	
512.000	32.97		573 000	33 01		634.000	33.06	
513 000	32.97		574.000	33 01		635 000	33.06	
514 000	32.97		575 000	33 01		636.000	33.06	
515 000	32.97		576.000	33 01		637 000	33 06	
516.000	32 97		577 000	33 01		638.000	33 06	
517 000	32.97		578.000	33 01		639 000	33 06	
518 000	32.97		579 000	33 01		640.000	33 06	
519 000	32.97		580.000	33 01		641 000	33 06	
520.000	32.97		581 000	33 01		642.000	33 06	
521 000	32.97		582.000	33 01		643 000	33 07	
522.000	32.97		583 000	33 01		644 000	33 07	
523 000	32.98		584 000	33 01		645 000	33 07	
524 000	32.98		585 000	33 02		646.000	33 07	
525 000	32.98		586.000	33 02		647 000	33 07	
526.000	32.98		587 000	33.02		648.000	33 07	
527 000	32.98		588.000	33.02		649 000	33 07	
528 000	32.98		589 000	33 02		650.000	33 07	
529 000	32.98		590 000	33 02		651 000	33 07	
530.000	32.98		591 000	33 02		652.000	33 07	
531 000	32.98		592.000	33 02		653 000	33 07	
532.000	32 98		593 000	33 02	33 08	654.000	33 07	
533 000	32.98		594 000	33 02		655 000	33 07	
534 000	32 98		595 000	33 02		656.000	33 07	
535 000	32 98		596.000	33 03		657 000	33 07	
536.000	32.98		597 000	33 03		658.000	33 07	
537 000	32 98		598 000	33 03		659 000	33 07	
538 000	32.98		599 000	33 03		660.000	33 08	
539 000	32 98		600.000	33 03		661 000	33 08	
540 000	32.98		601 000	33 03		662.000	33 08	
541 000	32.99		602.000	33 03		663 000	33 08	
542.000	32.99		603 000	33 03		664.000	33 08	
543 000	32 99		604 000	33 03		665 000	33 08	
544 000	32.99		605 000	33 03		666.000	33 08	
545 000	32 99		606.000	33 03		667 000	33 08	
546.000	32 99		607 000	33 03		668.000	33 08	
547 000	32.99		608 000	33 03		669 000	33 08	
548 000	32 99		609 000	33 04		670.000	33 08	
549 000	32.99		610 000	33 04		671 000	33 08	
550 000	32 99		611 000	33 04		672.000	33 08	
551 000	32 99		612.000	33 04		673 000	33 08	
552.000	32 99		613 000	33 04		674 000	33 08	
553 000	32 99		614 000	33 04		675 000	33 08	
554 000	32 99		615 000	33 04		676.000	33 08	
555 000	33 00		616.000	33 05		677 000	33 08	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
678.000	33 08		739 000	33 12		800.000	33 14	
679 000	33 08		740.000	33 12		801 000	33 14	
680.000	33 08		741 000	33 12		802.000	33 14	
681 000	33 08		742.000	33 13		803 000	33 14	
682.000	33 08		743 000	33 13		804.000	33 14	
683 000	33 08		744 000	33 13		805 000	33 14	
684 000	33 08		745 000	33 13		806.000	33 14	
685 000	33 08		746.000	33 13		807 000	33 14	
686.000	33 08		747 000	33 13		808.000	33 14	
687 000	33 08		748.000	33 13		809 000	33 14	
688.000	33 08	33 14	749 000	33 13		810.000	33 14	
689 000	33 08		750.000	33 13		811 000	33 14	
690.000	33 08		751 000	33 13		812.000	33 14	
691 000	33 08		752.000	33 13		813.000	33 14	
692.000	33 08		753 000	33 13		814.000	33 14	
693 000	33 07		754 000	33 13		815.000	33 14	
694 000	33 06		755 000	33 13		816.000	33 14	
695 000	33 06		756.000	33 13		817 000	33 14	
696.000	33 06		757 000	33 13		818.000	33 14	
697 000	33 06		758.000	33 13		819 000	33 14	
698 000	33 07		759 000	33 13		820.000	33 14	
699 000	33 07		760.000	33 13		821 000	33 14	
700 000	33 07		761 000	33 13		822.000	33 14	
701 000	33 07		762.000	33 13		823 000	33 14	
702.000	33 07		763 000	33 13		824.000	33 14	
703 000	33 08		764.000	33 13		825 000	33 14	33 18
704 000	33 08		765 000	33 13		826.000	33 14	
705 000	33 08		766.000	33 13		827 000	33 14	
706.000	33 08		767 000	33 13		828.000	33 14	
707 000	33 09		768.000	33 13		829 000	33 14	
708.000	33 09		769 000	33 13		830.000	33 14	
709 000	33 09		770.000	33 13		831 000	33 14	
710 000	33 09		771 000	33 13		832.000	33 14	
711 000	33 09		772.000	33 13		833.000	33 14	
712.000	33 09		773 000	33 13		834.000	33 14	
713 000	33 09		774 000	33 13		835 000	33 14	
714 000	33 10		775 000	33 13		836.000	33 14	
715 000	33 10		776.000	33 13		837 000	33 14	
716.000	33 10		777 000	33 13		838.000	33 14	
717 000	33 10		778.000	33 13		839 000	33 14	
718 000	33 10		779 000	33 13		840.000	33 14	
719 000	33 10		780.000	33 13		841 000	33 14	
720 000	33 10		781 000	33 13		842.000	33 14	
721 000	33 11		782.000	33 13		843 000	33 14	
722.000	33 11		783 000	33 14		844 000	33 14	
723 000	33 11		784 000	33 13		845 000	33 14	
724 000	33 11		785 000	33 14		846.000	33 14	
725 000	33 11		786.000	33 13		847 000	33 14	
726.000	33 11		787 000	33 13		848.000	33 14	
727 000	33 11		788 000	33 13		849 000	33 14	
728 000	33 11		789 000	33 13		850.000	33 14	
729 000	33 12		790 000	33 14		851 000	33 14	
730 000	33 12		791 000	33 14		852.000	33 14	
731 000	33 12		792.000	33 14		853.000	33 14	
732.000	33 12		793 000	33 14		854.000	33 14	
733 000	33 12		794 000	33 14		855 000	33 14	
734 000	33 12		795 000	33 14		856.000	33 14	
735 000	33 12		796.000	33 14		857 000	33 14	
736.000	33 12		797 000	33 14		858.000	33 14	
737 000	33 12		798 000	33 14		859 000	33 14	
738 000	33 12		799 000	33 14		860.000	33 14	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
861 000	33 14		922.000	33 15		983.000	33 16	
862.000	33 14		923 000	33 15		984.000	33 16	
863 000	33 14		924.000	33 15		985 000	33 16	
864 000	33 14		925 000	33 15		986.000	33 16	
865 000	33 14		926.000	33 15		987 000	33 16	
866.000	33 14		927 000	33 15		988.000	33 16	
867 000	33 14		928.000	33 15		989 000	33 17	
868.000	33 14		929 000	33 15		990.000	33 16	
869 000	33 14		930.000	33 15		991 000	33 17	
870.000	33 14		931 000	33 15		992.000	33 17	
871 000	33 14		932.000	33 15		993 000	33 17	
872.000	33 14		933 000	33 15		994 000	33 17	
873 000	33 14		934.000	33 15		995 000	33 17	
874 000	33 14		935 000	33 15		996.000	33 17	
875 000	33 14		936.000	33 15		997 000	33 17	
876.000	33 14		937 000	33 15		998.000	33 17	
877 000	33 14		938.000	33 15		999 000	33 17	
878 000	33 15		939 000	33 15		1000.00	33 17	
879 000	33 15		940.000	33 15		1001.00	33 17	
880.000	33 15		941 000	33 15		1002.00	33 17	
881 000	33 15		942.000	33 14		1003 00	33 17	
882.000	33 14		943 000	33 14		1004 00	33 17	
883 000	33 15		944 000	33 14		1005 00	33 17	
884 000	33 15		945 000	33 14		1006.00	33 17	
885 000	33 15		946.000	33 14		1007.00	33 17	
886.000	33 15		947 000	33 14		1008 00	33 17	
887 000	33 14		948.000	33 14		1009 00	33 17	
888.000	33 14		949 000	33 14		1010 00	33 17	
889 000	33 15		950.000	33 14		1011 00	33 17	
890 000	33 15		951 000	33 14		1012.00	33 17	
891 000	33 15		952.000	33 14		1013.00	33 17	
892.000	33 15		953 000	33 14		1014 00	33 17	
893 000	33 15		954.000	33 14		1015 00	33 17	
894 000	33 15		955 000	33 15		1016.00	33 17	
895 000	33 15		956.000	33 15		1017 00	33 18	
896.000	33 15		957 000	33 15		1018 00	33 18	
897 000	33 15		958.000	33 15		1019 00	33 18	
898 000	33 15		959 000	33 15		1020 00	33 18	
899 000	33 15		960.000	33 15		1021 00	33 18	
900 000	33 14		961 000	33 15		1022.00	33 18	
901 000	33 15		962.000	33 15		1023 00	33 18	
902.000	33 15		963 000	33 15		1024 00	33 18	
903 000	33 15		964 000	33 15		1025 00	33 18	
904 000	33 15		965 000	33 15		1026.00	33 18	
905 000	33 15		966.000	33 15		1027 00	33 18	
906.000	33 15		967 000	33 15		1028.00	33 18	
907 000	33 15		968.000	33 15		1029 00	33 18	
908 000	33 15		969 000	33 15		1030.00	33 18	
909 000	33 15		970.000	33 16		1031 00	33 18	
910 000	33 15		971 000	33 16		1032.00	33 18	
911 000	33 15		972.000	33 16		1033 00	33 18	
912.000	33 15		973 000	33 16		1034 00	33 18	
913 000	33 15		974 000	33 16		1035 00	33 18	
914 000	33 15		975 000	33 16		1036.00	33 18	
915 000	33 15	33 20	976.000	33 16		1037 00	33 18	
916.000	33 15		977 000	33 16		1038 00	33 19	
917 000	33 15		978 000	33 16		1039 00	33 19	
918 000	33 15		979 000	33 16		1040 00	33 19	
919 000	33 15		980.000	33 16		1041 00	33 19	
920 000	33 15		981 000	33 16		1042 00	33 19	
921 000	33 15		982.000	33 16		1043 00	33 19	

Elapsed Tim	Value	Hand Meas	Elapsed Tim	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1044 00	33 18		1105 00	33.21		1166.00	33.21	
1045 00	33 19		1106.00	33.21		1167 00	33.21	
1046 00	33 19		1107 00	33.21		1168 00	33.21	
1047 00	33 19		1108 00	33.21		1169 00	33.22	
1048 00	33 19	33 20	1109 00	33.21		1170 00	33.22	
1049 00	33 19		1110 00	33.21		1171 00	33.22	
1050 00	33 19		1111 00	33.21		1172.00	33.22	
1051 00	33 19		1112 00	33.21		1173 00	33.22	
1052.00	33 19		1113 00	33.21		1174 00	33.22	
1053 00	33 19		1114 00	33.21		1175.00	33.22	
1054 00	33 19		1115 00	33.21		1176.00	33.22	
1055 00	33 19		1116.00	33.21		1177.00	33.22	
1056 00	33 19		1117 00	33.21		1178 00	33.22	
1057 00	33 19		1118 00	33.21		1179 00	33.22	
1058 00	33 19		1119 00	33.21		1180.00	33.22	
1059 00	33 19		1120 00	33.21		1181.00	33.22	
1060 00	33 19		1121 00	33.21		1182.00	33.22	
1061 00	33 19		1122.00	33.21		1183 00	33.22	
1062 00	33 19		1123 00	33.21		1184 00	33.23	
1063 00	33 19		1124 00	33.21		1185 00	33.23	
1064 00	33 19		1125 00	33.21		1186.00	33.23	
1065 00	33 19		1126 00	33.21		1187 00	33.23	
1066 00	33 19		1127 00	33 21		1188 00	33.23	
1067 00	33 19		1128 00	33.21		1189 00	33.22	
1068 00	33 19		1129 00	33.21		1190 00	33.21	
1069 00	33 19		1130 00	33.21		1191 00	33.21	
1070 00	33 19		1131 00	33.21		1192.00	33.21	
1071 00	33.20		1132 00	33.21		1193 00	33 21	
1072.00	33.20		1133 00	33.21		1194 00	33.21	
1073 00	33.20		1134 00	33.21		1195 00	33.21	
1074 00	33.20		1135 00	33.21		1196.00	33 19	
1075 00	33.20		1136 00	33.21		1197 00	33 13	
1076 00	33.20		1137 00	33.21		1198 00	33 08	
1077 00	33.20		1138 00	33.21		1199 00	33 03	
1078 00	33.20		1139 00	33.21		1200 00	32.99	
1079 00	33.20		1140 00	33 21		1201 00	32.95	
1080 00	33.20		1141 00	33.21		1202.00	32.94	
1081 00	33.20		1142 00	33.21		1203 00	32.94	
1082 00	33.20		1143 00	33.21		1204 00	32.95	
1083 00	33 20		1144 00	33 21		1205 00	32.95	
1084 00	33.20		1145 00	33 21		1206 00	32.96	
1085 00	33.20		1146 00	33 21		1207 00	32.97	
1086 00	33.20		1147 00	33 21		1208 00	32.98	
1087 00	33.20		1148 00	33 21		1209 00	32.99	
1088 00	33.20		1149 00	33.21		1210 00	33 00	
1089 00	33.20		1150 00	33.21		1211 00	33 01	
1090 00	33.20		1151 00	33 21		1212.00	33 01	
1091 00	33.20		1152.00	33.21		1213 00	33 02	
1092 00	33.20		1153 00	33.21		1214 00	33 03	
1093 00	33.20		1154 00	33 21		1215 00	33 04	
1094 00	33.21		1155 00	33.21		1216.00	33 04	
1095 00	33 20		1156 00	33 21		1217 00	33 05	
1096 00	33.21		1157 00	33.21		1218 00	33 06	
1097 00	33.21		1158 00	33.21		1219 00	33 07	
1098 00	33.21		1159 00	33.21		1220 00	33 07	
1099 00	33 21		1160 00	33.21		1221 00	33 08	
1100 00	33 21		1161 00	33 21		1222.00	33 08	
1101 00	33.21		1162 00	33.21	33 30	1223 00	33 09	
1102 00	33 21		1163 00	33.21		1224 00	33 09	
1103 00	33 21		1164 00	33 21		1225 00	33 09	
1104 00	33 21		1165 00	33.21		1226 00	33 10	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Remarks
1227 00	33 10		1289 00	33 15		
1228 00	33 11		1290 00	33 15		
1229 00	33 11		1291 00	33 15		
1230 00	33 12		1292.00	33 15		
1231 00	33 12		1293 00	33 15		
1232.00	33 12		1294 00	33 15		
1233 00	33 12		1295 00	33 15		
1234 00	33 13		1296.00	33 15		
1235 00	33 13		1297 00	33 15		
1236 00	33 13		1298 00	33 15		
1237 00	33 13		1299 00	33 15		
1238 00	33 14		1300 00	33 15		
1239 00	33 14		1301 00	33 15		
1240.00	33 14		1302.00	33 15		
1241 00	33 14		1303 00	33 15		
1242.00	33 14		1304 00	33 15		
1243 00	33 15		1305 00	33 15		
1244 00	33 15		1306.00	33 15		
1245 00	33 15		1307 00	33 15		
1246 00	33 15		1308 00	33 15		
1247 00	33 15		1309 00	33 15		
1248 00	33 15		1310 00	33 15	33.20	
1249 00	33 15		1311 00	33 15		
1250 00	33 15		1312.00	33 15		
1251 00	33 15		1313 00	33 15		
1252 00	33 15		1314 00	33 15		
1253 00	33 15		1315 00	33 15		
1254 00	33 16		1316.00	33 15		
1255 00	33 16		1317 00	33 15		
1256.00	33 16		1318 00	33 15		
1257 00	33 16		1319 00	33 15		
1258 00	33 16		1320 00	33 15		
1259 00	33 16		1321 00	33 15		
1260 00	33 16		1322.00	33 15		
1261 00	33 16		1323 00	33 15		
1262 00	33 16		1324 00	33 15		
1263 00	33 16		1325 00	33 15		
1264 00	33 16		1326.00	33 15		
1265 00	33 16		1327 00	33 15		
1266 00	33 17		1328 00	33 15		
1267 00	33 17		1329 00	33 15		
1268 00	33 17		1330 00	33 15	33.20	
1269 00	33 17		1361.00			Download 368705 prn
1270 00	33 17		1398 00		33 20	Downloading
1271 00	33 17		1410 00		33 20	Restart File (ref=33.20)
1272 00	33 17					
1273 00	33 17					
1274 00	33 17					
1275 00	33 17					
1276 00	33 17					
1277 00	33 17					
1278 00	33 17					
1279 00	33 16					
1280 00	33 16					
1281 00	33 16					
1282 00	33 16					
1283 00	33 16					
1284 00	33 15					
1285 00	33 15					
1286 00	33 15					
1287 00	33 15					
1288 00	33 15					

Well 3687 File 06
SE1000B
Environmental Logger
05/01 05 17

Unit# 00000 Test# 0

INPUT 2 Level (F) TOC

Reference 33.20
Scale factor 9 99
Offset 0 01

Step# 0 04/30 10 24

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	33 20		43 0000	33.20		86.0000	33.20	
1 0000	33 20		44 0000	33.20		87.0000	33.21	
2 0000	33 20		45 0000	33 20		88.0000	33.21	
3 0000	33 20		46 0000	33.20		89 0000	33.21	
4 0000	33 20		47 0000	33.20		90 0000	33.20	
5 0000	33 19		48 0000	33.20		91 0000	33.21	
6 0000	33 20		49 0000	33.20		92.0000	33.20	
7 0000	33 20		50 0000	33.20		93 0000	33.20	
8 0000	33 19		51 0000	33.20		94 0000	33.20	
9 0000	33 19		52 0000	33.20		95 0000	33.20	
10 0000	33.20		53 0000	33.20		96.0000	33.21	
11 0000	33.20		54 0000	33.20		97 0000	33.20	
12 0000	33 19		55 0000	33.20		98 0000	33.20	
13 0000	33.20		56.0000	33.20		99 0000	33.21	
14 0000	33.20		57 0000	33.20		100.000	33.20	33.21
15 0000	33 19		58 0000	33.20		101 000	33.20	
16 0000	33 19		59 0000	33.20		102.000	33.20	
17 0000	33 19		60 0000	33 20		103 000	33 20	
18 0000	33 19		61 0000	33 20		104.000	33.21	
19 0000	33 19		62.0000	33.20		105 000	33.20	
20 0000	33 19		63 0000	33.20		106.000	33 20	
21 0000	33 19		64 0000	33.20		107 000	33 20	
22 0000	33 19		65 0000	33 20		108.000	33.20	
23 0000	33 19		66 0000	33.20		109 000	33.20	
24 0000	33 19		67 0000	33.20		110.000	33 21	
25 0000	33 19		68 0000	33.20		111 000	33.21	
26 0000	33 19		69 0000	33.20		112.000	33.21	
27 0000	33 19		70 0000	33.20		113 000	33.20	
28 0000	33 19		71 0000	33.20		114 000	33.21	
29 0000	33 19		72 0000	33.20		115 000	33.20	
30 0000	33 19		73 0000	33 21		116.000	33.20	
31 0000	33 19		74 0000	33.21		117 000	33.20	
32 0000	33 19		75 0000	33.20		118.000	33.20	
33 0000	33 19		76.0000	33.20		119 000	33 20	
34 0000	33 19		77 0000	33 21		120.000	33.20	
35 0000	33 19		78 0000	33 21		121 000	33 20	
36 0000	33 19		79 0000	33.20		122.000	33.20	
37 0000	33 19		80 0000	33.21		123 000	33.20	
38 0000	33 19		81 0000	33.21		124 000	33 20	
39 0000	33 19		82.0000	33 21		125 000	33.20	
40 0000	33 19		83 0000	33.20		126.000	33.20	
41 0000	33.20		84 0000	33.21		127 000	33.20	
42 0000	33 20		85 0000	33.20		128.000	33 20	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
129 000	33.20		190.000	33 19		251 000	33.21	
130.000	33.20		191 000	33.20		252.000	33.21	
131 000	33.20		192.000	33.20		253.000	33.20	
132.000	33.20		193 000	33.20		254.000	33.21	
133 000	33.20		194.000	33.20		255 000	33.20	
134 000	33.20		195 000	33.20		256.000	33.20	
135 000	33.20		196.000	33.20		257 000	33.20	
136.000	33.20		197 000	33.20		258.000	33.20	
137 000	33.20		198.000	33.20		259 000	33.20	
138.000	33 19		199 000	33.20		260.000	33.20	
139 000	33 19		200.000	33.20		261 000	33.20	
140.000	33.20		201 000	33.20		262.000	33.20	
141 000	33.20		202.000	33.20		263 000	33.20	
142.000	33 19		203 000	33 19		264.000	33.20	
143 000	33 19		204.000	33.20		265.000	33.20	
144 000	33.20		205 000	33.20		266.000	33.20	
145 000	33 19		206.000	33.20		267 000	33.20	
146.000	33.20		207 000	33.20		268.000	33.20	
147 000	33 19		208.000	33.20		269 000	33.20	33.20
148.000	33 19		209 000	33.20		270.000	33.20	
149 000	33.20		210.000	33.20		271 000	33.20	
150 000	33 19		211 000	33.20		272.000	33.20	
151 000	33 19		212.000	33.20		273 000	33.20	
152.000	33 19		213 000	33.20		274.000	33.20	
153 000	33 19		214 000	33.20		275 000	33.20	
154 000	33 19		215 000	33.20		276.000	33.20	
155 000	33 19		216.000	33.20		277 000	33.20	
156.000	33 19		217 000	33.20		278.000	33.20	
157 000	33 19		218.000	33.20		279 000	33.20	
158.000	33 19		219 000	33.20		280.000	33.20	
159 000	33 19		220.000	33.20		281 000	33.20	
160.000	33 19		221 000	33.20		282.000	33.20	
161 000	33 19		222.000	33.20		283 000	33.20	
162.000	33 19		223 000	33.20		284.000	33.20	
163 000	33 19		224.000	33.20		285 000	33.20	
164 000	33 19		225 000	33.20		286.000	33.20	
165 000	33 19		226.000	33.20		287 000	33.20	
166.000	33 19		227 000	33.20		288.000	33.20	
167 000	33 19		228.000	33.20		289 000	33.20	
168.000	33.20		229 000	33.20		290.000	33 19	
169 000	33.20		230.000	33.20		291 000	33.20	
170 000	33.20		231 000	33.20		292.000	33.20	
171 000	33 19		232.000	33.20		293 000	33.20	
172.000	33 19		233 000	33.20		294.000	33.20	
173 000	33 19		234 000	33.20		295 000	33.20	
174 000	33 19		235 000	33.20		296.000	33.20	
175 000	33 19		236.000	33.20		297 000	33.20	
176.000	33 19		237 000	33.20		298.000	33.20	
177 000	33.20		238.000	33.20		299 000	33.20	
178 000	33.20		239 000	33.20		300.000	33.20	
179 000	33 19		240.000	33.20		301 000	33.20	
180 000	33 19		241 000	33.20		302.000	33.20	
181 000	33 19		242.000	33.20		303 000	33.20	
182.000	33 19		243 000	33.20		304 000	33.20	
183 000	33.20		244 000	33 21		305 000	33.20	
184 000	33.20		245 000	33 20		306.000	33.20	
185 000	33 19		246.000	33.20		307 000	33 20	
186.000	33.20		247 000	33 20		308.000	33.20	
187 000	33.20		248.000	33.20		309 000	33.20	
188 000	33 19		249 000	33.20		310.000	33.20	
189 000	33.20		250.000	33 20		311 000	33.20	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.
312.000	33.20		373 000	33.20		434.000	33.22	
313 000	33.20		374 000	33.20		435 000	33.22	
314 000	33.20		375 000	33.20		436.000	33.22	
315 000	33.20		376.000	33.20		437 000	33.22	
316.000	33.20		377 000	33.20		438.000	33.22	
317 000	33.20		378.000	33.20		439 000	33.22	
318 000	33.20		379 000	33.20		440.000	33.22	
319 000	33.20		380.000	33.20		441 000	33.22	
320.000	33.20		381 000	33.20		442.000	33.22	
321 000	33.20		382.000	33.20		443.000	33.22	
322.000	33.20		383 000	33.20		444.000	33.22	
323 000	33.20		384.000	33.21		445 000	33.23	
324 000	33.20		385 000	33.21		446.000	33.23	
325 000	33.20		386.000	33.21		447 000	33.23	
326.000	33.20		387 000	33.21		448.000	33.23	
327 000	33.20		388.000	33.21		449.000	33.23	
328 000	33.20		389 000	33.21		450.000	33.23	
329 000	33.20		390.000	33.21		451 000	33.23	
330.000	33.20		391 000	33.21		452.000	33.23	
331 000	33.20		392.000	33.21		453.000	33.22	
332.000	33.20		393 000	33.21		454.000	33.22	
333 000	33.20		394 000	33.21		455 000	33.22	
334 000	33.20		395 000	33.21		456.000	33.22	
335 000	33.20		396.000	33.21		457 000	33.22	
336.000	33.20		397 000	33.21		458.000	33.22	
337 000	33.20		398.000	33.21		459 000	33.23	
338 000	33.20		399 000	33.21		460.000	33.23	
339 000	33.20		400.000	33.21		461 000	33.23	
340 000	33.20		401 000	33.21		462.000	33.23	
341 000	33.20		402.000	33.20		463.000	33.22	
342.000	33.20		403 000	33.21		464.000	33.23	
343 000	33.20		404 000	33.21		465 000	33.23	
344 000	33.20		405 000	33.21		466.000	33.23	
345 000	33.20		406.000	33.21		467 000	33.23	
346.000	33.20		407 000	33.21		468.000	33.23	
347 000	33.20		408.000	33.21		469 000	33.23	
348 000	33.20		409 000	33.21		470.000	33.23	
349 000	33 20		410 000	33 20		471 000	33.23	
350 000	33.20		411 000	33.21		472.000	33.23	
351 000	33.20		412.000	33.21		473.000	33.23	
352.000	33 20		413 000	33 21		474.000	33.23	
353 000	33 20		414 000	33.21		475 000	33.23	
354 000	33.20		415 000	33.21		476.000	33.23	
355 000	33.20		416.000	33.21		477 000	33.23	
356.000	33 20		417 000	33.21		478.000	33 23	
357 000	33.20		418.000	33.21	33 22	479 000	33.24	
358 000	33.20		419 000	33.21		480.000	33.23	
359 000	33 20		420.000	33.21		481 000	33.24	
360 000	33.20		421 000	33.21		482.000	33.23	
361 000	33.20		422.000	33.22		483 000	33.24	
362.000	33.20		423 000	33.22		484 000	33.24	
363 000	33.20		424 000	33 21		485 000	33.24	
364 000	33 20		425 000	33.21		486.000	33.23	
365 000	33.20		426.000	33.21		487 000	33.23	
366.000	33.20		427 000	33.21		488.000	33 24	
367 000	33.20		428.000	33.21		489 000	33.24	
368 000	33 20		429 000	33.21		490.000	33.24	
369 000	33.20		430.000	33.21		491 000	33.24	
370 000	33.20		431 000	33.21		492.000	33.23	
371 000	33 20		432.000	33 21		493 000	33 24	
372.000	33 20		433 000	33 21		494 000	33.23	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
495 000	33.23		556.000	33.26		617 000	33.30	
496.000	33.23		557 000	33.27		618.000	33.31	
497 000	33.23		558.000	33.27		619 000	33.31	
498.000	33.24		559 000	33.27		620.000	33.31	
499 000	33.24		560.000	33.27		621 000	33.31	
500.000	33.24		561 000	33.27		622.000	33.31	
501 000	33.24		562.000	33.27		623 000	33.31	
502.000	33.24		563 000	33.27		624.000	33.31	
503 000	33.24		564.000	33.27		625.000	33.31	
504 000	33.24		565 000	33.27		626.000	33.31	
505 000	33.24		566.000	33.27		627 000	33.31	
506.000	33.24		567 000	33.27		628.000	33.31	
507 000	33.24		568.000	33.27		629 000	33.31	
508.000	33.24		569 000	33.27		630.000	33.32	
509 000	33.24		570.000	33.27		631 000	33.32	
510.000	33.24		571 000	33.27		632.000	33.32	
511 000	33.24		572.000	33.27		633.000	33.32	
512.000	33.24		573 000	33.27		634.000	33.32	
513 000	33.24		574 000	33.28		635 000	33.32	
514 000	33.25		575 000	33.27		636.000	33.32	
515 000	33.25		576.000	33.28		637 000	33.32	
516.000	33.25		577 000	33.28		638.000	33.32	
517 000	33.25		578.000	33.28		639 000	33.33	
518 000	33.25		579 000	33.28		640.000	33.33	
519 000	33.25		580.000	33.28		641 000	33.33	
520.000	33.25		581 000	33.28		642.000	33.33	
521 000	33.25		582.000	33.28		643 000	33.33	
522.000	33.25		583 000	33.28		644.000	33.33	
523 000	33.25		584 000	33.28		645 000	33.33	
524 000	33.25		585 000	33.28		646.000	33.33	
525 000	33.25		586.000	33.28		647 000	33.33	
526.000	33.25		587 000	33.28		648.000	33.33	
527 000	33.25		588.000	33.28		649 000	33.33	
528.000	33.25		589 000	33.28		650.000	33.33	
529 000	33.25	33.28	590.000	33.28		651 000	33.34	
530 000	33.25		591 000	33.28		652.000	33.34	
531 000	33 25		592.000	33.29		653 000	33.34	
532.000	33.25		593 000	33.29		654 000	33.34	
533 000	33.25		594 000	33 29		655 000	33.34	
534 000	33.26		595 000	33.29		656.000	33.34	
535 000	33.26		596.000	33 29		657 000	33.34	
536.000	33 26		597 000	33.29		658.000	33.34	
537 000	33 26		598.000	33 29		659 000	33.34	
538.000	33.26		599 000	33.29		660.000	33.34	
539 000	33 26		600.000	33.29		661 000	33.34	
540 000	33.26		601 000	33.29		662.000	33.34	
541 000	33.26		602.000	33.29		663 000	33.34	
542.000	33.26		603 000	33.29		664.000	33.34	
543 000	33.26		604 000	33.29		665 000	33.34	
544 000	33.26		605 000	33.29		666.000	33.35	
545 000	33.26		606.000	33.30		667 000	33.35	
546.000	33 26		607 000	33.29		668.000	33.35	
547 000	33 26		608 000	33.30		669 000	33.35	
548 000	33 26		609 000	33 30		670.000	33.35	
549 000	33.26		610 000	33 30		671 000	33.35	
550 000	33.26		611 000	33.30		672.000	33.35	
551 000	33 26		612.000	33.30		673 000	33.35	
552.000	33 26		613 000	33 30		674.000	33.35	
553 000	33.26		614 000	33 30		675 000	33.35	
554 000	33 26		615 000	33.30	33 32	676.000	33.35	
555 000	33.26		616.000	33.30		677 000	33.35	

Elapsed Time	Value	Hand Meas	Elapsed Tim	Value	Hand Meas	Elapsed Time	Value	Hand Meas
678 000	33.35		739 000	33.36		800.000	33 42	
679 000	33.35		740.000	33.36		801 000	33 42	
680.000	33.35		741 000	33 37		802.000	33 42	
681 000	33.35		742.000	33.37		803 000	33 42	
682.000	33.35		743 000	33.37		804.000	33 42	
683 000	33.35		744 000	33.37		805 000	33 42	
684 000	33.35		745 000	33.37		806.000	33 42	
685 000	33.35		746.000	33.38		807 000	33 42	
686.000	33.36		747 000	33.38		808.000	33 42	
687 000	33 35		748.000	33.38		809 000	33.42	
688 000	33.36		749 000	33.38		810.000	33 42	
689 000	33.36		750.000	33.38		811 000	33 42	
690.000	33.36		751 000	33.38		812.000	33 42	
691 000	33.36		752.000	33.38		813.000	33 42	
692.000	33.36		753 000	33.39		814.000	33 42	
693 000	33.36		754.000	33.39		815 000	33 42	
694 000	33.36		755 000	33.39		816.000	33 42	
695 000	33.36		756.000	33.39		817 000	33 42	
696.000	33.36		757 000	33.39		818.000	33 42	
697 000	33.36		758.000	33.39		819.000	33 42	
698.000	33.36		759 000	33.39		820.000	33 42	
699 000	33.36		760.000	33.39		821 000	33 42	
700.000	33 36		761 000	33 40		822.000	33 42	
701 000	33.36		762.000	33 40		823 000	33 42	
702.000	33.36		763 000	33 40		824.000	33 42	
703 000	33.36		764 000	33 40		825.000	33 42	
704 000	33 36		765 000	33 40		826.000	33 42	
705 000	33.36		766.000	33 40		827 000	33 42	
706.000	33.36		767 000	33 40		828.000	33 42	
707 000	33 36		768.000	33 40		829 000	33 42	
708.000	33.36		769 000	33 40		830.000	33 42	
709 000	33.37		770.000	33 40		831 000	33 42	
710.000	33.37		771 000	33 40		832.000	33 43	
711 000	33 37		772.000	33 40		833.000	33 43	
712.000	33.37		773 000	33 41		834.000	33 42	
713 000	33 37		774 000	33 41		835 000	33 42	
714 000	33.37		775 000	33 41		836.000	33 43	
715 000	33.37		776.000	33 41		837 000	33 43	
716.000	33 37		777 000	33 41		838.000	33 43	
717 000	33 37		778.000	33 41		839 000	33 43	
718.000	33 37		779 000	33 41		840.000	33 43	
719 000	33 37		780.000	33 41		841.000	33 43	
720 000	33.37		781 000	33 41		842.000	33 43	
721 000	33 37		782.000	33 41		843 000	33 43	
722.000	33.37		783 000	33 41		844.000	33 43	
723 000	33 37		784 000	33 41		845 000	33 43	33 45
724 000	33.37		785 000	33 41		846.000	33 43	
725 000	33.37		786.000	33 41		847 000	33 43	
726.000	33 37		787 000	33 41		848.000	33 43	
727 000	33.37		788.000	33 41		849 000	33 43	
728 000	33 36		789 000	33 41		850.000	33 43	
729 000	33.35		790.000	33 41		851 000	33 43	
730 000	33.35		791 000	33 41		852.000	33 43	
731 000	33 35		792.000	33 41		853 000	33 43	
732.000	33 35		793 000	33 41		854.000	33 43	
733 000	33.35	33.38	794 000	33 42		855 000	33 43	
734 000	33 36		795 000	33 42		856.000	33 43	
735 000	33 36		796.000	33 41		857 000	33 43	
736.000	33 36		797 000	33 42		858 000	33 43	
737 000	33 36		798.000	33 42		859 000	33 43	
738 000	33 36		799 000	33 42		860.000	33 43	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
861 000	33 43		922.000	33 46		983.000	33 48	
862.000	33 43		923 000	33 46		984.000	33 48	
863 000	33 43		924 000	33 46		985.000	33 48	
864 000	33 43		925 000	33 46		986.000	33 48	
865 000	33 44		926.000	33 46		987.000	33 48	
866.000	33 43		927 000	33 46		988.000	33.48	
867 000	33 44		928.000	33 46		989 000	33 48	
868.000	33 44		929 000	33 46		990.000	33 49	
869 000	33 44		930.000	33 46		991 000	33 49	
870.000	33 44		931 000	33 46		992.000	33 49	
871 000	33 44		932.000	33 46		993.000	33 49	
872.000	33 44		933 000	33 46		994.000	33 49	
873 000	33 44		934 000	33 46		995 000	33 49	
874 000	33 44		935 000	33 46		996.000	33 49	
875 000	33 44		936.000	33 46		997 000	33 49	
876.000	33 44		937 000	33 46		998.000	33 49	
877 000	33 44		938.000	33 46		999 000	33 49	
878.000	33 44		939 000	33 46		1000.00	33 49	
879 000	33 44		940.000	33 46		1001 00	33 49	
880.000	33 44		941 000	33 46		1002.00	33 49	
881 000	33 44		942.000	33 47		1003 00	33 49	
882.000	33 44		943 000	33 47		1004 00	33 49	
883 000	33 45		944 000	33 47		1005 00	33 49	
884 000	33 45		945 000	33 47		1006.00	33 49	
885 000	33 45		946.000	33 47		1007.00	33 49	
886.000	33 45		947 000	33 47		1008.00	33 49	
887 000	33 45		948.000	33 47		1009.00	33.50	
888 000	33 45		949 000	33 47		1010.00	33 49	
889 000	33 45		950.000	33 47		1011 00	33 49	
890.000	33 45		951 000	33 47		1012.00	33 49	
891 000	33 45		952.000	33 47		1013.00	33.50	
892.000	33 45		953 000	33 47		1014.00	33 49	
893 000	33 45		954.000	33 47		1015 00	33.50	
894 000	33 45		955 000	33 47		1016.00	33 49	
895 000	33 45		956.000	33 47		1017 00	33 49	
896.000	33 45		957 000	33 47		1018.00	33.50	
897 000	33 45		958.000	33 47		1019 00	33.50	
898.000	33 45		959 000	33 47		1020 00	33 49	
899 000	33 45		960.000	33 47		1021 00	33.50	
900 000	33 45		961 000	33 47	33.50	1022.00	33.50	
901 000	33 45		962.000	33 47		1023 00	33.50	
902.000	33 45		963 000	33 47		1024 00	33.50	
903 000	33 45		964 000	33 47		1025 00	33.50	
904 000	33 45		965 000	33 47		1026.00	33.50	
905 000	33 45		966.000	33 47		1027 00	33.50	
906.000	33 45		967 000	33 47		1028 00	33.50	
907 000	33 45		968.000	33 47		1029 00	33.50	
908 000	33 46		969 000	33 47		1030.00	33.50	
909 000	33 45		970.000	33 47		1031 00	33.50	
910 000	33 45		971 000	33 47		1032.00	33.50	
911 000	33 46		972.000	33 48		1033 00	33.50	
912.000	33 46		973 000	33 48		1034 00	33.50	
913 000	33 46		974 000	33 48		1035 00	33.50	
914 000	33 46		975 000	33 48		1036.00	33.50	
915 000	33 46		976.000	33 48		1037 00	33.50	
916.000	33 46		977 000	33 48		1038.00	33.51	
917 000	33 46		978.000	33 48		1039 00	33.50	
918 000	33 46		979 000	33 48		1040 00	33.51	
919 000	33 46		980.000	33 48		1041 00	33.51	
920 000	33 46		981 000	33 48		1042.00	33.51	
921 000	33 46		982.000	33 48		1043 00	33.51	

Elapsed Time	Value	Hand Meas
1044 00	33.51	
1045 00	33.51	
1046.00	33.51	
1047 00	33.51	
1048 00	33.51	
1049 00	33.51	
1050 00	33.51	
1051 00	33.51	
1052.00	33.51	
1053 00	33.51	
1054 00	33.51	
1055 00	33.51	
1056.00	33.51	
1057 00	33.51	
1058 00	33.52	
1059 00	33.52	
1060 00	33.51	
1061 00	33.52	
1062.00	33.52	
1063 00	33.52	
1064 00	33.52	
1065 00	33.52	
1066 00	33.52	
1067 00	33.52	
1068 00	33.52	
1069 00	33.52	

Elapsed Time	Value	Hand Mea
1070 00	33.52	
1071 00	33.52	
1072.00	33.52	
1073 00	33.52	
1074 00	33.52	
1075 00	33.53	
1076.00	33.53	
1077 00	33.53	33 54
1078 00	33.53	
1079 00	33.53	
1080.00	33.53	
1081 00	33.53	
1082.00	33.53	
1083 00	33.53	
1084 00	33.53	
1085 00	33.53	
1086.00	33.53	
1087 00	33.53	
1088 00	33.53	
1089 00	33.53	
1090 00	33.53	
1091 00	33.53	
1092.00	33.53	
1093 00	33.54	
1094 00	33.54	
1095 00	33.54	

Elapsed Time	Value	Hand Meas
1096.00	33.54	
1097 00	33.54	
1098.00	33.54	
1099 00	33.54	
1100.00	33.54	
1101 00	33.54	
1102.00	33.54	
1103.00	33.54	
1104.00	33.54	
1105 00	33.54	
1106.00	33.54	
1107 00	33.54	
1108.00	33.54	
1109.00	33.54	
1110 00	33.54	
1111 00	33.54	
1112.00	33.54	
1113 00	33.54	
1114 00	33.55	
1115 00	33.55	
1116.00	33.55	

Well 3687 File 07
SE1000B
Environmental Logger
05/02 05 29

Unit# 00000 Test# 0

INPUT 2 Level (F) TOC

Reference 34 58
Scale factor 9 99
Offset 0 01

Step# 0 05/01 05 32

Elapsed Time	Value	Hand Meas	Remarks	Elapsed Time	Value	Hand Meas	Remarks
0 0000	34 58			43 0000	34.59		
1 0000	34 58			44 0000	34.59		
2 0000	34 58			45 0000	34.59		
3 0000	34 58			46 0000	34.59		
4 0000	34 58			47 0000	34.59		
5 0000	34 58			48 0000	34.59		
6 0000	34 58			49 0000	34.59		
7 0000	34 58			50 0000	34.59		
8 0000	34 58			51 0000	34.59		
9 0000	34 58			52 0000	34.59		
10 0000	34.58			53 0000	34.59		
11 0000	34.58			54 0000	34.59		
12 0000	34.58			55 0000	34 60		
13 0000	34.58			56.0000	34 60		
14 0000	34.58			57 0000	34.59		
15 0000	34.58			58 0000	34 60		
16 0000	34.58			59 0000	34 60		
17 0000	34.58			60 0000	34 60		
18 0000	34 58			61 0000	34 60		
19 0000	34 58			62 0000	34 60		
20 0000	34 58			63 0000	34 60		
21 0000	34 58			64 0000	34 60		
22 0000	34 58			65 0000	34 60		
23 0000	34 58			66 0000	34 60		
24 0000	34 58			67 0000	34 60		
25 0000	34.58			68 0000	34 60		
26 0000	34 58			69 0000	34 60		
27 0000	34 58			70 0000	34 60		
28 0000	34.58			71 0000	34 60		
29 0000	34 58			72 0000	34 60		
30 0000	34 58			73 0000	34 60		
31 0000	34.58			74 0000	34 60		
32 0000	34.58			75 0000	34 61		
33 0000	34 58			76 0000	34 61		
34 0000	34.58			77 0000	34 60		
35 0000	34 59			78 0000	34 61		
36 0000	34.58			79 0000	34 61		
37 0000	34 59			80 0000	34 61		
38 0000	34 59			81 0000	34 61		
39 0000	34.59			82 0000	34 61		
40 0000	34 59			83 0000	34 61		
41 0000	34 59			84 0000	34 61		
42 0000	34.59			85 0000	34 61		

Elapsed Time	Value	Hand Meas	Remarks
86 0000	34 61		
87 0000	34 61		
88 0000	34 61		
89 0000	34 61		
90 0000	34 61		
91 0000	34 61		
92 0000	34 61		
93 0000	34 61		
94 0000	34 61		
95 0000	34 61		
96 0000	34 61		
97 0000	34 61		
98 0000	34 61		
99 0000	34 61		
100 000	34 62		
101 000	34 61		
102.000	34 62		
103 000	34 61		
104 000	34 62		
105 000	34 62		
106.000	34 62		
107 000	34 62		
108 000	34 62		
109 000	34 62		
110 000	34 62		
111 000	34 62		
112.000	34 62		Tape is Broken
113 000	34 62		
114 000	34 62		
115 000	34.62		
116.000	34 62		
117 000	34 62		
118 000	34 62		
119 000	34 62		
120.000	34 62		
121 000	34 62		
122.000	34 62		
123 000	34 62		
124 000	34 62		
125 000	34 62		
126.000	34 61		
127 000	34 61		
128 000	34 61		
129 000	34 61		
130 000	34 61		
131 000	34 60		
132.000	34 61		
133 000	34 61		
134 000	34 61		
135 000	34 61		
136.000	34 61		
137 000	34 60		
138 000	34 60		
139 000	34 60		
140.000	34 61		
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144 000	34 60		
145 000	34 60		
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147 000	34 60		
148 000	34 60		
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152.000	34.60		
153 000	34 60		
154 000	34 60		
155 000	34 60		
156.000	34 60		
157 000	34 60		
158.000	34.60		
159 000	34 60		
160 000	34 60		
161 000	34.60		
162.000	34 60		
163 000	34.60		
164 000	34.60		
165 000	34 60		
166.000	34 60		
167 000	34.60		
168.000	34.60	33 62	
169 000	34 60		
170.000	34.60		
171 000	34 60		
172.000	34.60		
173 000	34 60		
174 000	34 60		
175 000	34 60		
176.000	34 60		
177 000	34.60		
178.000	34.60		
179 000	34 60		
180.000	34 60		
181 000	34.60		
182.000	34 60		
183 000	34 60		
184.000	34.60		
185 000	34 60		
186.000	34 60		
187 000	34 60		
188.000	34 60		
189 000	34 60		
190 000	34 60		
191 000	34 60		
192.000	34 60		
193 000	34.60		
194 000	34 60		
195 000	34 60		
196.000	34 60		
197 000	34 60		
198 000	34 60		
199 000	34 60		
200.000	34 60		
201 000	34.58		
202.000	34.55		
203 000	34.55		
204 000	34.55		
205 000	34.55		
206.000	34.55		
207 000	34.55		
208 000	34.55		
209 000	34.55		
210.000	34.55		
211 000	34.56		

Elapsed Tim	Value	Hand Mea	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
212.000	34.56		274 000	34.57		336.000	34.58	
213 000	34.56		275 000	34.57		337 000	34.58	
214 000	34.56		276.000	34.57		338.000	34.58	
215 000	34.56		277 000	34.57		339 000	34.58	
216.000	34.56		278 000	34.57		340.000	34.58	
217 000	34.57		279 000	34.57		341 000	34.58	
218.000	34.57		280.000	34 57		342.000	34.58	
219 000	34.57		281 000	34.57		343 000	34.58	
220.000	34.57		282.000	34.57		344 000	34.58	
221 000	34.57		283 000	34.57		345 000	34.58	
222.000	34.57		284 000	34.57		346.000	34.58	
223 000	34.57		285 000	34.57		347 000	34.58	
224 000	34.57		286.000	34.57		348.000	34.58	
225 000	34.57		287 000	34.57		349 000	34.58	
226.000	34.57		288.000	34.57		350.000	34.58	
227 000	34.57		289 000	34.57		351 000	34.58	
228.000	34.57		290.000	34.57		352.000	34.58	
229 000	34.57		291 000	34.58		353 000	34.58	
230.000	34.57		292.000	34.58		354 000	34.58	
231 000	34.57		293 000	34.58		355 000	34.58	
232.000	34.57		294 000	34.58		356.000	34.58	
233 000	34.57		295 000	34.58		357 000	34.58	
234 000	34.57		296.000	34.58		358.000	34.58	
235 000	34.57		297 000	34.58		359 000	34.58	
236.000	34.57		298 000	34.58		360.000	34.58	
237 000	34.57		299 000	34.58		361 000	34.58	
238 000	34.57		300.000	34 58		362.000	34 58	
239 000	34.57		301 000	34.58		363.000	34.58	
240.000	34.57		302.000	34 58		364 000	34.58	
241 000	34.57		303 000	34.58		365 000	34.58	
242.000	34.57		304 000	34.58		366.000	34.58	
243 000	34.57		305 000	34.58		367 000	34.58	
244 000	34.57		306.000	34.58		368.000	34.58	
245 000	34.57		307 000	34.58		369 000	34.58	
246.000	34.57		308.000	34.58		370.000	34.58	
247 000	34.57		309 000	34.58		371 000	34.58	
248 000	34.57		310 000	34.58		372.000	34.58	
249 000	34.57		311 000	34.58		373 000	34.58	
250 000	34.57		312.000	34.58		374 000	34.58	
251 000	34.57		313 000	34.58		375 000	34.58	
252.000	34.57		314 000	34 58		376.000	34.58	
253 000	34.57		315 000	34 58		377 000	34.58	
254 000	34.57		316.000	34 58		378 000	34.58	
255 000	34.57		317 000	34.58		379 000	34.58	
256.000	34.57	33 58	318 000	34.58		380.000	34.58	
257 000	34.57		319 000	34 58		381 000	34.58	
258 000	34.57		320 000	34.58		382.000	34.58	
259 000	34.57		321 000	34 58		383 000	34.58	
260 000	34.57		322.000	34.58		384 000	34.58	
261 000	34.57		323 000	34.58		385 000	34.58	
262.000	34.57		324 000	34.58		386.000	34.58	
263 000	34.57		325 000	34.58		387 000	34.58	
264 000	34.57		326.000	34.58		388.000	34.58	
265 000	34.57		327 000	34 58		389 000	34.58	
266.000	34.57		328.000	34 58		390.000	34.58	
267 000	34.57		329 000	34.58		391 000	34.58	
268 000	34.57		330 000	34 58		392.000	34.58	
269 000	34 57		331 000	34 58		393 000	34.58	
270 000	34 57		332.000	34 58		394 000	34.58	
271 000	34.57		333 000	34 58		395 000	34.58	
272.000	34 57		334 000	34 58		396.000	34 58	
273 000	34.57		335 000	34.58		397 000	34.58	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
398.000	34.58		460.000	34.56		522.000	34.56	
399 000	34.58		461 000	34.56		523 000	34.56	
400 000	34.58		462.000	34.56		524.000	34.56	
401 000	34.58		463 000	34.56		525 000	34.56	
402.000	34.58		464 000	34.56		526.000	34.56	
403 000	34.58		465 000	34.56		527 000	34.57	
404 000	34.58		466.000	34.56		528.000	34.57	
405 000	34.58		467 000	34.56		529 000	34.56	
406.000	34.58		468.000	34.56		530.000	34.57	
407 000	34.58		469 000	34.56		531 000	34.57	
408.000	34.57		470.000	34.56		532.000	34.56	
409 000	34.57		471 000	34.56		533 000	34.56	
410.000	34.57		472.000	34 56		534.000	34.56	
411 000	34.57		473 000	34.56		535 000	34.57	
412.000	34.57		474 000	34.56		536.000	34.56	
413 000	34.57		475 000	34.57		537 000	34.57	
414 000	34.57		476.000	34.57		538.000	34.57	
415 000	34.57		477 000	34.57		539 000	34.56	
416.000	34.57		478.000	34.57		540.000	34.57	
417 000	34.57		479 000	34.57		541 000	34.57	
418 000	34.57		480.000	34.57		542.000	34.57	
419 000	34.57	33 60	481 000	34.57		543 000	34.57	
420.000	34.56		482.000	34.57		544 000	34.57	
421 000	34.57		483 000	34.57		545 000	34.57	
422.000	34.56		484 000	34.57		546.000	34.57	
423 000	34.57		485 000	34.57		547 000	34.57	
424 000	34.56		486.000	34.57		548.000	34.57	
425 000	34.56		487 000	34.57		549 000	34.57	
426.000	34.56		488.000	34.57		550.000	34.57	
427 000	34.56		489 000	34.57		551 000	34.57	
428 000	34.56		490.000	34.57		552.000	34.57	
429 000	34.56		491 000	34.57		553 000	34.57	
430 000	34.56		492.000	34.57		554 000	34.57	
431 000	34.56		493 000	34.57		555 000	34.58	
432.000	34.56		494 000	34.57		556.000	34.57	
433 000	34.56		495 000	34.57		557 000	34.57	
434 000	34.56		496.000	34.57		558.000	34.57	
435 000	34.56		497 000	34.57		559 000	34.58	
436.000	34.56		498.000	34.57		560.000	34.58	
437 000	34.56		499 000	34.57		561 000	34.58	
438 000	34.56		500.000	34.57		562.000	34.58	
439 000	34.56		501 000	34 56		563 000	34.58	
440 000	34.56		502.000	34.56		564.000	34.58	
441 000	34.56		503 000	34.56		565 000	34.57	
442.000	34.56		504 000	34.56		566.000	34.57	
443 000	34.56		505 000	34.56		567 000	34.57	
444 000	34.56		506.000	34.56		568.000	34.58	
445 000	34.56		507 000	34.56		569 000	34.58	
446.000	34.55		508.000	34.56		570.000	34.57	
447 000	34.56		509 000	34.56		571 000	34.58	
448.000	34.56		510.000	34.56		572.000	34.57	
449 000	34.56		511 000	34.56		573 000	34.58	
450.000	34 55		512.000	34.56		574 000	34.58	
451 000	34.56		513 000	34.56		575 000	34.58	
452.000	34.56		514 000	34.56		576.000	34.58	
453 000	34.56		515 000	34 56		577 000	34.58	
454 000	34 56		516.000	34.56		578.000	34.58	
455 000	34.56		517 000	34 56		579 000	34.59	
456.000	34 56		518 000	34 56		580.000	34.58	
457 000	34.56		519 000	34.56		581 000	34 58	
458 000	34.56		520.000	34.56		582.000	34.58	
459 000	34.56		521 000	34 56		583 000	34.58	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
584 000	34.58		646.000	34 60		708.000	34.63	
585 000	34.59		647 000	34 61		709 000	34.63	
586.000	34.59		648.000	34 61		710.000	34.63	
587 000	34.58		649 000	34 61		711 000	34 63	
588.000	34.59		650.000	34 61		712.000	34.63	
589 000	34.58		651 000	34 60		713 000	34.63	
590.000	34.58		652.000	34 60		714.000	34.63	
591 000	34.59		653 000	34 61		715 000	34 63	
592.000	34.59		654.000	34 62		716.000	34.63	33.64
593 000	34.59		655 000	34 61		717 000	34.64	
594 000	34.59		656.000	34 61		718.000	34.64	
595 000	34.59		657 000	34 61		719 000	34.64	
596.000	34.59		658.000	34 61		720.000	34 64	
597 000	34.59		659 000	34 62		721 000	34.64	
598.000	34.59		660.000	34 62		722.000	34.64	
599 000	34 60		661 000	34 62		723.000	34.64	
600.000	34.59		662.000	34 61		724.000	34.64	
601 000	34 60		663 000	34 61		725 000	34.64	
602.000	34.59		664.000	34 61		726.000	34.64	
603 000	34.59		665 000	34 61		727 000	34.64	
604 000	34 60		666.000	34 61		728.000	34 64	
605 000	34.60		667 000	34 62		729 000	34.64	
606.000	34 60		668.000	34 61		730.000	34 65	
607 000	34 60		669 000	34 62		731 000	34 65	
608.000	34.59		670.000	34.61		732.000	34.65	
609 000	34 61		671 000	34 62		733.000	34.64	
610.000	34 60		672.000	34 62		734.000	34.64	
611 000	34 60		673 000	34.62		735 000	34.65	
612.000	34 60		674 000	34 62		736.000	34.64	
613 000	34 60		675 000	34 62		737 000	34.65	
614 000	34 60		676.000	34 62		738.000	34.65	
615 000	34 60		677 000	34 62		739 000	34 65	
616.000	34 60		678.000	34 62		740.000	34.65	
617 000	34 60		679 000	34 62		741 000	34 65	
618.000	34 61		680.000	34 62		742.000	34.65	
619 000	34 60		681 000	34 62		743 000	34 64	
620.000	34 60		682.000	34.62		744.000	34.64	
621 000	34 61		683 000	34 62		745.000	34 65	
622.000	34 60		684 000	34 62		746.000	34.65	
623 000	34 60		685 000	34 62		747 000	34.65	
624 000	34 60		686.000	34 62		748.000	34 64	
625 000	34 60		687 000	34 62		749 000	34 65	
626.000	34 60		688.000	34 62		750.000	34.65	
627 000	34 61		689 000	34 62		751 000	34 65	
628 000	34 60		690.000	34 62		752.000	34 65	
629 000	34 60		691 000	34 62		753 000	34.65	
630 000	34 60		692.000	34 62		754 000	34 65	
631 000	34 61		693 000	34 62		755 000	34 65	
632.000	34 60		694 000	34 62		756.000	34.65	
633 000	34 60		695 000	34 62		757 000	34.65	
634 000	34 60		696.000	34 62		758.000	34 65	
635 000	34 61		697 000	34 62		759 000	34 65	
636.000	34 61		698.000	34 62		760.000	34.65	
637 000	34 60		699 000	34 62		761 000	34 65	
638 000	34 61		700.000	34 62		762.000	34 65	
639 000	34 60		701 000	34 63		763 000	34 65	
640 000	34 61		702.000	34 63		764.000	34 65	
641 000	34 61		703 000	34 63		765 000	34 65	
642.000	34 61		704 000	34 63		766.000	34 65	
643 000	34 61		705 000	34 63		767 000	34 65	
644 000	34 61		706.000	34 63		768.000	34 66	
645 000	34 60		707 000	34 63		769 000	34 66	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
770 000	34 66		832.000	34 69		894.000	34 78	
771 000	34 66		833 000	34 69		895 000	34 78	
772.000	34 66		834 000	34 69		896.000	34 79	
773 000	34 66		835 000	34 69		897 000	34 79	
774 000	34 66		836.000	34 69		898.000	34 80	
775 000	34 66		837 000	34 69		899 000	34 79	
776.000	34 66		838 000	34 69		900.000	34 79	
777 000	34 66		839 000	34 70		901 000	34 81	
778.000	34 66		840.000	34 70		902.000	34 81	
779 000	34 66		841 000	34 70		903 000	34 78	
780.000	34 67		842.000	34 70		904.000	34 78	
781 000	34 67		843 000	34 71		905 000	34 82	
782.000	34 67		844 000	34 71		906.000	34 80	
783 000	34 66		845 000	34 71		907 000	34.81	
784.000	34 67		846.000	34 71		908.000	34 81	
785 000	34.67		847 000	34 71		909 000	34 81	
786.000	34 67		848.000	34 72		910.000	34 80	
787 000	34.67		849 000	34 72		911 000	34 79	
788.000	34 67		850.000	34 72		912.000	34 82	
789 000	34 67		851 000	34 72		913 000	34 81	
790.000	34 67		852.000	34 72		914 000	34 82	
791 000	34 67		853 000	34 72		915 000	34 81	
792.000	34 67		854 000	34 73		916.000	34 81	
793 000	34 68		855 000	34 73		917 000	34 81	
794 000	34 68		856.000	34 73		918.000	34 82	
795 000	34 68		857 000	34 73		919 000	34 82	
796.000	34 68		858.000	34 73		920.000	34 82	
797 000	34 68		859 000	34 73		921 000	34 83	
798.000	34.68		860.000	34 73		922.000	34 83	
799 000	34 68		861 000	34 74		923 000	34 83	
800.000	34 69		862.000	34 74		924.000	34 85	
801 000	34 68		863 000	34 74		925 000	34 85	
802.000	34 68		864 000	34 74		926.000	34 84	
803 000	34 68		865 000	34 74		927 000	34 86	
804 000	34 68		866.000	34 75		928.000	34 85	
805 000	34 69		867 000	34 75		929 000	34 84	
806.000	34 69		868 000	34 75		930.000	34 85	
807 000	34 69		869 000	34 75		931 000	34 85	
808 000	34 69		870.000	34 75		932.000	34 86	
809 000	34 69		871 000	34 75		933 000	34 85	
810 000	34 69		872.000	34 76		934 000	34 86	
811 000	34 69		873 000	34 76		935 000	34 86	
812.000	34 69		874 000	34 76		936.000	34 86	
813 000	34 69		875 000	34 76		937 000	34 87	
814 000	34 69		876.000	34 76		938.000	34 86	
815 000	34 69		877 000	34 76		939 000	34 86	
816.000	34 69		878.000	34 76		940.000	34 86	
817 000	34 69		879 000	34 77		941 000	34 86	
818.000	34 69		880.000	34 77		942.000	34 86	
819 000	34 69		881 000	34 77		943 000	34 87	
820.000	34 69		882.000	34 77		944 000	34 87	
821 000	34 69		883 000	34 77		945 000	34 88	
822.000	34 69		884 000	34 77		946.000	34 88	
823 000	34 70	33 72	885 000	34 78		947 000	34 87	
824 000	34 70		886.000	34 79		948.000	34 87	
825 000	34 70		887 000	34 78		949 000	34 88	
826.000	34 70		888.000	34 78		950.000	34 88	33 90
827 000	34 70		889 000	34 78		951 000	34 88	
828 000	34 70		890.000	34 79		952.000	34 88	
829 000	34 70		891 000	34 78		953 000	34 88	
830 000	34 70		892.000	34 78		954 000	34 88	
831 000	34 69		893 000	34 78		955 000	34 88	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
956.000	34 89		1018 00	34 95		1080.00	34 97	
957 000	34 89		1019 00	34 95		1081 00	34 97	
958.000	34 89		1020 00	34 95		1082.00	34 97	
959 000	34 89		1021 00	34 95		1083.00	34 97	
960 000	34 89		1022.00	34 95		1084.00	34 97	
961 000	34 89		1023.00	34 95		1085.00	34 97	
962.000	34 90		1024 00	34 95		1086.00	34 97	
963 000	34 89		1025 00	34 95		1087.00	34 97	
964 000	34 90		1026.00	34 95		1088.00	34 97	
965 000	34 90		1027 00	34 95		1089.00	34 97	
966.000	34 90		1028 00	34 95		1090.00	34 97	
967 000	34 91		1029 00	34 95		1091 00	34 97	
968.000	34 90		1030 00	34 95		1092.00	34 98	
969 000	34 90		1031 00	34 95		1093.00	34 98	
970.000	34 90		1032.00	34 95		1094.00	34 98	
971 000	34 90		1033 00	34 95		1095.00	34 98	
972.000	34 90		1034 00	34 95		1096.00	34 98	
973 000	34 91		1035 00	34 95		1097 00	34 98	
974 000	34 91		1036.00	34 95		1098 00	34 98	
975 000	34 91		1037 00	34 95		1099 00	34 98	
976.000	34 91		1038 00	34 95		1100.00	34 98	
977 000	34 92		1039 00	34 96		1101.00	34 97	
978.000	34 92		1040 00	34 96		1102.00	34 98	
979 000	34 92		1041 00	34 96		1103.00	34 98	
980.000	34 92		1042.00	34 96		1104.00	34.98	
981 000	34 92		1043 00	34 96		1105.00	34 98	
982.000	34 92		1044 00	34 96		1106.00	34 98	
983 000	34 92		1045 00	34 96		1107 00	34 98	
984.000	34 93		1046.00	34 96		1108.00	34 98	
985 000	34 93		1047 00	34 96		1109 00	34 98	
986.000	34 93		1048 00	34 96		1110 00	34 98	
987 000	34 92		1049 00	34 96		1111 00	34 98	
988.000	34 93		1050 00	34 96		1112.00	34 98	
989 000	34 93		1051 00	34 96		1113 00	34 99	
990 000	34 93		1052.00	34 97		1114 00	34 98	
991 000	34 93		1053 00	34 96		1115 00	34 98	
992.000	34 93		1054 00	34 96		1116.00	34 98	
993 000	34 93		1055 00	34 96		1117 00	34 99	
994 000	34 93		1056 00	34 97		1118 00	34 99	
995 000	34 93		1057 00	34 97		1119 00	34 99	
996.000	34 93		1058 00	34 97		1120 00	34 99	
997 000	34 93		1059 00	34 97		1121 00	34 99	
998 000	34 93		1060 00	34 97		1122.00	34 99	
999 000	34 94		1061 00	34 97		1123 00	34 99	
1000 00	34 93		1062.00	34 97		1124.00	34 99	
1001 00	34 93		1063 00	34 97		1125 00	34 99	
1002 00	34 94		1064 00	34 97		1126.00	34 99	
1003 00	34 94		1065 00	34 97		1127 00	34 99	
1004 00	34 94		1066 00	34 97		1128 00	34 99	
1005 00	34 94		1067 00	34 97		1129 00	34 99	
1006 00	34 94		1068 00	34 97		1130 00	34 99	
1007 00	34 94		1069 00	34 97		1131 00	34 99	
1008 00	34 94		1070 00	34 97		1132.00	34 99	
1009 00	34 94		1071 00	34 97		1133 00	34 99	
1010 00	34 94		1072.00	34 97		1134 00	34 99	
1011 00	34 94		1073 00	34 97	34 00	1135 00	34 99	
1012 00	34 94		1074 00	34 98		1136.00	34 99	
1013 00	34 94		1075 00	34 97		1137 00	34 99	
1014 00	34 94		1076 00	34 97		1138 00	34 99	
1015 00	34 94		1077 00	34 98		1139 00	34 99	
1016 00	34 95		1078 00	34 98		1140 00	34 99	
1017 00	34 94		1079 00	34 98		1141 00	34 99	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1142.00	34 99		1204 00	34 99		1266.00	34 99	
1143 00	34 99		1205 00	34 99		1267 00	34 99	
1144 00	34 99		1206.00	34 99		1268 00	34 99	
1145 00	34 99		1207 00	34 99		1269 00	34 99	
1146 00	34 99		1208 00	34 99		1270.00	34 99	
1147 00	34 99		1209 00	34 99		1271.00	34 99	
1148 00	34 99		1210 00	34 99		1272.00	34 99	
1149 00	34 99		1211 00	34 99		1273 00	34 99	
1150 00	34 99		1212.00	34 99		1274 00	34 99	
1151 00	34 99		1213 00	34 99		1275 00	34 99	
1152.00	34 99		1214 00	34 99		1276.00	34 99	
1153 00	34 99		1215 00	34 99		1277.00	34 99	
1154 00	34 99		1216.00	34 99		1278 00	34 99	
1155 00	34 99		1217 00	34 99		1279.00	34 99	
1156.00	34 99		1218 00	34 99		1280.00	34 99	
1157 00	34 99		1219.00	34 99		1281 00	34 99	
1158 00	34 99		1220 00	34 99		1282.00	34 99	
1159 00	34 99		1221 00	34 99		1283 00	34 99	
1160 00	34 99		1222.00	34 99		1284 00	34 99	
1161 00	34 99		1223 00	34 99		1285 00	34 99	
1162 00	34 99		1224 00	34 99		1286.00	34 99	
1163 00	34 99		1225 00	34 99		1287 00	34 99	
1164 00	34 99		1226.00	34 99		1288 00	34 99	
1165 00	34 99		1227 00	34 99		1289 00	35 00	
1166 00	34 99		1228 00	34 99		1290.00	34 99	
1167 00	34 99		1229 00	34 99		1291 00	35 00	
1168 00	34 99		1230 00	34 99		1292.00	35.00	
1169 00	34 99		1231 00	34 99		1293 00	35 00	
1170 00	34 99		1232.00	34 99		1294 00	35 00	
1171 00	34 99		1233 00	34 99		1295.00	35.00	
1172 00	34 99		1234 00	34 99		1296.00	35.00	
1173 00	34 99		1235 00	34 99		1297 00	35 00	
1174 00	34 99		1236 00	34 99		1298 00	35 00	
1175 00	34 99		1237 00	34 99		1299 00	35 00	
1176 00	34 99	34 02	1238 00	34 99		1300 00	35 00	
1177 00	34 99		1239 00	34 99		1301 00	35 00	
1178 00	34 99		1240 00	34 99		1302 00	35 00	
1179 00	34 99		1241 00	34 99		1303 00	35 00	
1180 00	34 99		1242.00	34 99		1304 00	35 00	
1181 00	34 99		1243 00	34 99		1305 00	35 00	
1182 00	34 99		1244 00	34 99		1306.00	35 00	
1183 00	34 99		1245 00	34 99		1307 00	35 00	
1184 00	34 99		1246 00	34 99		1308.00	35 00	
1185 00	34 99		1247 00	34 99		1309 00	35 00	
1186 00	34 99		1248 00	34 98		1310 00	35 00	
1187 00	34 99		1249 00	34 98		1311 00	35 00	
1188 00	34 99		1250 00	34 98		1312.00	35 00	
1189 00	34 99		1251 00	34 98		1313 00	35 00	
1190 00	34 99		1252.00	34 98		1314 00	35 00	
1191 00	34 99		1253 00	34 98		1315 00	35 00	
1192 00	34 99		1254 00	34 98		1316.00	35 00	
1193 00	34 99		1255 00	34 98		1317 00	35 00	
1194 00	34 99		1256 00	34 98		1318 00	35 00	
1195 00	34 99		1257 00	34 98		1319 00	35 00	
1196 00	34 99		1258 00	34 98		1320 00	35 00	
1197 00	34 99		1259 00	34 98		1321 00	35 01	
1198 00	34 99		1260 00	34 98		1322.00	35 00	
1199 00	34 99		1261 00	34 98		1323 00	35 01	
1200 00	34 99		1262.00	34 99		1324 00	35 01	
1201 00	34 99		1263 00	34 99		1325 00	35 01	
1202 00	34 99		1264 00	34 99		1326.00	35 01	
1203 00	34 99		1265 00	34 99		1327 00	35 01	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1328 00	35 01		1358 00	35 02		1388.00	35 03	
1329 00	35 01		1359 00	35 02		1389 00	35 03	
1330 00	35 01		1360 00	35 02		1390.00	35 03	
1331 00	35 01		1361 00	35 02		1391 00	35 03	
1332.00	35 01		1362.00	35.02		1392.00	35 03	
1333 00	35 01		1363 00	35 02		1393.00	35 03	
1334 00	35 01		1364.00	35 02		1394 00	35.03	
1335 00	35.01		1365 00	35 02		1395 00	35 03	
1336 00	35 01		1366.00	35 02		1396.00	35.03	
1337 00	35 01		1367 00	35 02		1397.00	35 03	
1338 00	35 01		1368 00	35 02		1398 00	35 03	
1339 00	35 01		1369 00	35 02		1399 00	35 03	
1340 00	35 01		1370 00	35 02		1400.00	35 03	
1341 00	35 01		1371 00	35 02		1401.00	35.03	
1342.00	35 01		1372.00	35 02		1402.00	35 03	
1343 00	35 01		1373 00	35.02		1403 00	35 03	
1344 00	35 01		1374 00	35 02		1404 00	35.03	
1345 00	35 01		1375 00	35 02		1405 00	35 03	
1346 00	35 01		1376.00	35 02		1406.00	35 03	
1347 00	35 01		1377 00	35 02		1407 00	35.03	
1348 00	35 01		1378 00	35 02		1408 00	35 03	
1349 00	35 01		1379 00	35 02		1409 00	35.03	
1350 00	35 01		1380 00	35 02		1410 00	35 03	
1351 00	35 01		1381 00	35 02		1411 00	35 03	
1352 00	35 01		1382.00	35 02	34 05	1412.00	35 04	
1353 00	35 02		1383 00	35 02		1413 00	35 04	
1354 00	35 02		1384 00	35 02		1414 00	35 04	
1355 00	35 02		1385 00	35 03		1415 00	35 04	
1356 00	35 02		1386.00	35 02		1416.00	35 04	
1357 00	35 02		1387 00	35 03		1417 00	35 04	

Well 3687 File 08
SE1000B
Environmental Logger
05/03 05 34

Unit# 00000 Test# 0

INPUT 2 Level (F) TOC

Reference 35 02
Scale factor 9 99
Offset 0 01

Step# 0 05/02 05 49

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
0 0000	35 02		44 0000	35 02		88 0000	35 03	
1 0000	35 02		45 0000	35 02		89 0000	35.03	
2 0000	35 02		46 0000	35 03		90 0000	35 03	
3 0000	35 01		47 0000	35 02		91 0000	35 03	
4 0000	35 02		48 0000	35 03		92.0000	35 03	
5 0000	35 01		49 0000	35 03		93 0000	35 03	
6 0000	35 02		50 0000	35 03		94.0000	35 03	
7 0000	35 01		51 0000	35 03		95 0000	35 03	
8 0000	35 02		52 0000	35 03		96.0000	35 03	
9 0000	35 02		53 0000	35 03		97 0000	35 03	
10 0000	35 02		54 0000	35 03		98 0000	35.03	
11 0000	35 02		55 0000	35 03		99 0000	35 03	
12 0000	35 02		56.0000	35 03		100.000	35 03	
13 0000	35 02		57 0000	35 03		101 000	35 03	
14 0000	35 02		58 0000	35 03		102.000	35 03	
15 0000	35 02		59 0000	35 03		103 000	35 03	
16 0000	35 02		60 0000	35 03		104 000	35 03	
17 0000	35 02		61 0000	35 03		105 000	35 03	
18 0000	35 02		62 0000	35 03		106.000	35 03	
19 0000	35 02		63 0000	35 03		107 000	35 03	
20 0000	35 02		64 0000	35 03		108.000	35 03	
21 0000	35 02		65 0000	35 03		109 000	35 03	
22 0000	35 02		66 0000	35 03		110.000	35 03	
23 0000	35 02		67 0000	35 03		111 000	35 03	
24 0000	35 02		68 0000	35 03		112.000	35 04	
25 0000	35 02		69 0000	35 03		113 000	35 04	
26 0000	35 02		70 0000	35 03		114.000	35 04	
27 0000	35 02		71 0000	35 03		115 000	35 04	
28 0000	35 02		72 0000	35 03		116.000	35 04	
29 0000	35 02		73 0000	35 03		117 000	35 03	
30 0000	35 02		74 0000	35 03		118.000	35 03	
31 0000	35 02		75 0000	35 03		119 000	35 03	
32 0000	35 02		76 0000	35 03		120.000	35 03	
33 0000	35 02		77 0000	35 03		121 000	35 03	
34 0000	35 02		78 0000	35 03		122.000	35 03	
35 0000	35 02		79 0000	35 03		123 000	35 03	
36 0000	35 02		80 0000	35 03		124 000	35 03	
37 0000	35 02		81 0000	35 03		125 000	35 03	
38 0000	35 02		82.0000	35 03		126.000	35 03	
39 0000	35 02		83 0000	35 03		127 000	35 03	
40 0000	35 02		84 0000	35 03		128.000	35 03	
41 0000	35 02		85 0000	35 03		129 000	35 03	
42 0000	35 02		86.0000	35 03		130.000	35 03	
43 0000	35 02		87 0000	35 03		131 000	35 04	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
132.000	35 04		194 000	35 01		256.000	34 97	
133 000	35 04		195 000	35 01		257 000	34 97	
134 000	35 04		196.000	35 01		258.000	34 97	
135 000	35 04		197 000	35 01		259 000	34 97	
136.000	35 04		198.000	35 01		260.000	34 97	
137 000	35 04		199 000	35 01		261 000	34 97	
138.000	35 04		200.000	35 01		262.000	34 97	
139 000	35 04		201 000	35 01		263 000	34 97	
140.000	35 04		202.000	35 01		264.000	34 97	
141 000	35 04		203 000	35 01		265 000	34 97	
142.000	35 05		204 000	35 01		266.000	34 97	
143 000	35 04		205 000	35 01		267 000	34 97	
144 000	35 05	34 12	206.000	35 01		268.000	34 97	
145 000	35 05		207 000	35 01		269 000	34 97	
146.000	35 05		208.000	35 01		270.000	34 97	
147 000	35 05		209 000	35 01		271 000	34 97	
148.000	35 05		210.000	35 01		272.000	34 97	
149 000	35 05		211 000	35 01		273 000	34 97	
150.000	35 05		212.000	35 01		274.000	34 97	
151 000	35 05		213 000	35 01		275 000	34 97	
152.000	35 05		214 000	35 01		276.000	34 97	
153 000	35 05		215 000	35 01		277 000	34 97	
154 000	35 05		216.000	35 01		278.000	34 97	
155 000	35 04		217 000	35 01		279 000	34 97	
156.000	35.04		218.000	35 01		280.000	34 97	
157 000	35 04		219 000	35 01		281 000	34 98	
158.000	35 04		220.000	35 01		282.000	34 98	
159 000	35 04		221 000	35 00		283 000	34 98	
160.000	35 04		222.000	35 00		284.000	34 98	
161 000	35 03		223 000	35 00		285 000	34 98	
162.000	35 03		224 000	35 00		286.000	34 98	
163 000	35 03		225 000	35 00		287 000	34 98	
164 000	35 03		226.000	35 00		288.000	34 98	
165 000	35 03		227 000	34 99		289 000	34 98	
166.000	35 03		228.000	34 99		290.000	34 98	
167 000	35 03		229 000	34 99		291 000	34 98	
168 000	35 03		230.000	34 98		292.000	34 98	
169 000	35 02		231 000	34 98		293 000	34 98	
170.000	35 02		232.000	34 98		294 000	34 98	
171 000	35 02		233 000	34 98		295 000	34 98	
172.000	35 02		234 000	34 97		296.000	34 98	
173 000	35 02		235 000	34 97		297 000	34 98	
174 000	35 02		236.000	34 97		298.000	34 98	
175 000	35 02		237 000	34 96		299 000	34 98	
176.000	35 02		238.000	34 96		300.000	34 98	
177 000	35 02		239 000	34 96		301 000	34 98	
178 000	35 02		240.000	34 96		302.000	34 98	
179 000	35 02		241 000	34 96		303 000	34 98	
180.000	35 02		242.000	34 96		304.000	34 98	
181 000	35 02		243 000	34 96		305 000	34 98	
182.000	35 02		244 000	34 96		306.000	34 98	
183 000	35 02		245 000	34 96		307 000	34 98	
184 000	35 02		246.000	34 96		308.000	34 98	
185 000	35 02		247 000	34 97		309 000	34 98	
186.000	35 02		248.000	34 96		310.000	34 98	
187 000	35 02		249 000	34 97		311 000	34 98	
188 000	35 02		250.000	34 97		312.000	34 98	
189 000	35 01		251 000	34 97		313 000	34 98	
190 000	35 01		252.000	34 97		314 000	34 98	
191 000	35 01		253 000	34 97		315 000	34 98	
192.000	35 01		254 000	34 97		316.000	34 98	
193 000	35 01		255 000	34 97		317 000	34 97	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
318.000	34 97		380.000	34 96		442.000	34 94	
319 000	34 97		381 000	34 96		443 000	34 94	
320.000	34 97		382.000	34 96		444.000	34 94	
321 000	34 97		383 000	34 96		445 000	34 94	
322.000	34 98		384 000	34 96		446.000	34 94	
323 000	34 97		385 000	34 96		447 000	34 94	
324 000	34 97		386.000	34 96		448.000	34 95	
325 000	34 97		387 000	34 96		449 000	34 94	
326.000	34 97		388.000	34 96		450.000	34 94	
327 000	34 97		389 000	34 96		451 000	34 94	
328.000	34 97		390.000	34 96		452.000	34 94	
329 000	34 97		391 000	34 96		453 000	34 94	
330.000	34 97		392.000	34 95		454.000	34 95	
331 000	34 97		393 000	34 95		455 000	34 95	
332.000	34 97		394 000	34 95		456.000	34 95	
333 000	34 97		395 000	34 95		457 000	34 94	
334 000	34 97		396.000	34 95		458.000	34 94	
335 000	34 97		397 000	34 95		459 000	34 94	
336.000	34 97		398.000	34 95		460.000	34 94	
337 000	34 97		399 000	34 95		461 000	34 94	
338.000	34 97		400.000	34 95		462.000	34 94	
339 000	34 97		401 000	34 95		463 000	34 94	
340 000	34 97		402.000	34 95		464 000	34 94	
341 000	34 97		403 000	34 95		465 000	34 94	
342.000	34 97		404 000	34 95		466.000	34 94	
343 000	34 97		405 000	34 95		467 000	34 94	
344 000	34 97		406.000	34 95		468.000	34 94	
345 000	34 97		407 000	34 95		469 000	34 94	
346.000	34 97		408.000	34 95		470.000	34 94	
347 000	34 97		409 000	34 95		471 000	34 94	
348.000	34 97		410.000	34 95		472.000	34 94	
349 000	34 97		411 000	34 95		473 000	34 94	
350 000	34 97		412.000	34 94		474.000	34 94	
351 000	34 97		413 000	34 94		475 000	34 94	
352.000	34 97		414 000	34 95		476.000	34 94	
353 000	34 97		415 000	34 95	34 01	477 000	34 94	
354 000	34 96		416.000	34 95		478.000	34 94	
355 000	34 96		417 000	34 94		479 000	34 94	
356.000	34 96		418 000	34 95		480.000	34 94	
357 000	34 96		419 000	34 94	34 01	481 000	34 94	
358 000	34 96		420.000	34 94		482.000	34 94	
359 000	34 96		421 000	34 94		483 000	34 94	
360.000	34 96		422.000	34 94		484 000	34 94	
361 000	34 96		423 000	34 94		485 000	34 94	
362.000	34 96		424 000	34 94		486.000	34 94	
363 000	34 96		425 000	34 94		487 000	34 94	
364 000	34 96		426.000	34 94		488.000	34 94	
365 000	34 96		427 000	34 94		489 000	34 94	
366.000	34 96		428 000	34 94		490.000	34 94	
367 000	34 96		429 000	34 94		491 000	34 94	
368 000	34 96		430.000	34 94		492.000	34 94	
369 000	34 96		431 000	34 94		493 000	34 94	
370 000	34 96		432.000	34 94		494 000	34 94	
371 000	34 96		433 000	34 94		495 000	34 94	
372.000	34 96		434 000	34 94		496.000	34 94	
373 000	34 96		435 000	34 94		497 000	34 94	
374 000	34 96		436.000	34 94		498.000	34 94	
375 000	34 96		437 000	34 94		499 000	34 94	
376.000	34 96		438 000	34 94		500.000	34 94	
377 000	34 96		439 000	34 94		501 000	34 94	
378 000	34 96		440 000	34 94		502.000	34 94	
379 000	34 96		441 000	34 94		503 000	34 94	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
504 000	34 94		566.000	34 92		628.000	34 91	
505 000	34 94		567 000	34 92		629.000	34 91	
506.000	34 94		568.000	34 92		630.000	34 91	
507 000	34 94		569 000	34 92		631 000	34 91	
508.000	34 93		570 000	34 92		632.000	34 91	
509 000	34 94		571 000	34 92		633 000	34 91	
510.000	34 93		572.000	34 92		634.000	34 91	
511 000	34 94		573 000	34 92		635 000	34 91	
512.000	34 93		574 000	34 92		636.000	34 91	
513 000	34 93	34 00	575 000	34 92		637 000	34 92	
514 000	34 93		576.000	34 92		638.000	34 92	
515 000	34 93		577 000	34 92		639 000	34 92	
516.000	34 93		578.000	34 92		640.000	34 92	
517 000	34 93		579 000	34 92		641 000	34 92	
518.000	34 93		580.000	34 92		642.000	34 92	
519 000	34 92		581 000	34 92		643 000	34 92	
520.000	34 92		582.000	34 92		644.000	34 92	
521 000	34 91		583 000	34 92		645 000	34 92	
522.000	34 91		584.000	34 92		646.000	34 92	
523 000	34 92		585 000	34 92		647 000	34.92	
524 000	34 92		586.000	34 92		648.000	34 92	
525 000	34 91		587 000	34 92		649 000	34 92	
526.000	34 91		588 000	34 92		650.000	34 92	
527 000	34 92		589 000	34 92		651 000	34 92	
528 000	34 92		590.000	34 91		652.000	34 92	
529 000	34 92		591 000	34 91		653 000	34 93	
530.000	34 92		592.000	34 91		654 000	34 93	
531 000	34 92		593 000	34 91		655 000	34 93	
532.000	34 92		594 000	34 91		656.000	34 93	
533 000	34 92		595 000	34 91		657 000	34 93	
534 000	34 92		596.000	34 91		658.000	34 93	
535 000	34 92		597 000	34 91		659 000	34 93	
536.000	34 92		598.000	34 91		660.000	34 93	
537 000	34 92		599 000	34 91		661 000	34 93	
538.000	34 92		600.000	34 91		662.000	34 93	
539 000	34 92		601 000	34 91		663 000	34 93	
540 000	34 92		602.000	34 91		664.000	34 93	
541 000	34 92		603 000	34 91		665 000	34 93	
542.000	34 92		604 000	34 91		666.000	34 93	
543 000	34 92		605 000	34 91		667 000	34 93	
544 000	34 92		606.000	34 91		668.000	34 93	
545 000	34 92		607 000	34 91		669 000	34 93	
546.000	34 92		608 000	34 91		670.000	34 93	
547 000	34 92		609 000	34 91		671 000	34 93	
548 000	34 92		610.000	34 91		672.000	34 93	
549 000	34 92		611 000	34 91		673 000	34 93	
550 000	34 92		612.000	34 91		674.000	34 93	
551 000	34 92		613 000	34 91		675 000	34 93	
552.000	34 92		614 000	34 91		676.000	34 93	
553 000	34 92		615 000	34 91		677 000	34 93	
554 000	34 92		616.000	34 91		678.000	34 93	
555 000	34 92		617 000	34 91		679 000	34 93	
556.000	34 92		618.000	34 91		680.000	34 93	
557 000	34 92		619 000	34 91		681 000	34 93	
558 000	34 92		620.000	34 91		682.000	34 93	
559 000	34 92		621 000	34 91		683 000	34 93	
560 000	34 92		622.000	34 91		684 000	34 93	
561 000	34 92		623 000	34 91		685 000	34 94	
562.000	34 92		624 000	34 91		686.000	34 94	
563 000	34 92		625 000	34 91		687 000	34 94	
564 000	34 92		626.000	34 91		688.000	34 94	
565 000	34 92		627 000	34 91		689 000	34 93	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
690.000	34 94	34 01	752.000	34 99		814 000	35.02	
691 000	34 94		753 000	34 99		815 000	35 02	
692.000	34 94		754 000	34 99		816.000	35.02	
693 000	34 94		755 000	34 99		817 000	35.02	
694 000	34 94		756.000	34 99		818.000	35 02	
695 000	34 94		757 000	34 99		819.000	35.02	
696.000	34 94		758 000	34 99		820.000	35 02	
697 000	34 94		759 000	35 00		821 000	35.02	
698 000	34 94		760.000	35 00		822.000	35.02	
699 000	34 95		761 000	35 00		823.000	35.02	
700.000	34 94		762.000	35 00		824.000	35 02	
701 000	34 94		763 000	35 00		825 000	35.02	
702.000	34 95		764 000	35 00		826.000	35 02	
703 000	34 94		765 000	35 00		827 000	35.02	
704 000	34 94		766.000	35 00		828.000	35.02	
705 000	34 95		767 000	35 00		829 000	35 02	
706.000	34 95		768.000	35 00		830.000	35 02	
707 000	34 95		769 000	35 00		831 000	35 02	
708.000	34 95		770.000	35 00		832.000	35.02	
709 000	34 96		771 000	35 00		833 000	35 02	
710.000	34 95		772.000	35 00		834.000	35 02	
711 000	34 95		773 000	35 00		835 000	35 02	
712.000	34 96		774 000	35 00		836.000	35 02	
713 000	34 96		775 000	35 00		837 000	35.02	
714 000	34 96		776.000	35 00		838.000	35.02	
715 000	34 96		777 000	35 00		839 000	35.02	
716.000	34 96		778 000	35 00		840.000	35 02	
717 000	34 96		779 000	35 00		841 000	35.02	
718.000	34 97		780 000	35 00		842.000	35 02	
719 000	34 97		781 000	35 00		843 000	35 02	
720.000	34 97		782.000	35 00		844.000	35.01	
721 000	34 97		783 000	35 00		845 000	35 01	
722.000	34 97		784 000	35 00		846.000	35 01	
723 000	34 97		785 000	35 00		847 000	35 01	
724 000	34 97		786.000	35 00		848.000	35.00	
725 000	34 98		787 000	35 00		849 000	35.00	
726.000	34 97		788.000	35 00		850.000	35 00	
727 000	34 98		789 000	35 00		851 000	35.00	
728 000	34 98		790 000	35 00		852.000	35 00	
729 000	34 98		791 000	35 00		853 000	35 00	
730 000	34 98		792.000	35 00		854.000	35 00	
731 000	34 98		793 000	35 01		855 000	35 01	
732.000	34 98		794 000	35 01		856.000	35 01	
733 000	34 98		795 000	35 01		857 000	35 01	
734 000	34 98		796.000	35 01		858.000	35 01	
735 000	34 98		797 000	35 01		859 000	35 01	
736.000	34 98		798 000	35 01		860.000	35 01	
737 000	34 98		799 000	35 01		861 000	35 01	
738 000	34 98		800.000	35 01		862.000	35 01	
739 000	34 98		801 000	35 01		863 000	35 01	
740 000	34 99		802.000	35 01		864 000	35 01	
741 000	34 99		803 000	35 01		865 000	35 01	
742.000	34 99		804 000	35 01		866.000	35 02	
743 000	34 99		805 000	35 01		867 000	35 02	
744 000	34 99		806.000	35 01		868.000	35.02	
745 000	34 99		807 000	35 01		869 000	35 02	
746.000	34 99		808 000	35 01		870.000	35 02	
747 000	34 99		809 000	35 01		871 000	35 02	
748 000	34 99		810.000	35 02		872.000	35 02	
749 000	34 99		811 000	35 02		873 000	35 02	
750 000	34 99		812.000	35 02		874 000	35 02	
751 000	34 99		813 000	35 02		875 000	35 02	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
876.000	35.02		938.000	35 02		1000.00	34 99	
877 000	35 02		939 000	35 02		1001 00	34 99	
878.000	35 02		940.000	35.02		1002.00	34 99	
879 000	35 02		941 000	35 02		1003 00	34 99	
880.000	35.02		942.000	35 02		1004 00	34 99	
881 000	35 03		943 000	35 02		1005.00	34 99	
882.000	35 03		944 000	35 01		1006.00	34 99	
883 000	35 03		945 000	35 02		1007.00	34 99	
884 000	35 03		946.000	35 01		1008.00	34 99	
885 000	35 03		947 000	35 01		1009 00	34 99	
886.000	35 03		948.000	35 01		1010.00	34 99	
887 000	35 03		949 000	35 01		1011 00	34 99	
888.000	35 03		950.000	35 01		1012.00	34 99	
889 000	35 03		951 000	35 01		1013 00	35 00	
890.000	35 03		952.000	35 01		1014.00	35.00	
891 000	35.03		953 000	35 01		1015 00	35 00	
892.000	35 03		954.000	35 01		1016.00	35.00	
893 000	35 03		955 000	35 01		1017 00	35.00	
894 000	35 03		956.000	35 01		1018.00	35 01	
895 000	35 03		957 000	35 01		1019 00	35 01	
896.000	35 03		958.000	35 01		1020.00	35.01	
897 000	35 03		959 000	35 01		1021 00	35 01	
898 000	35 03		960.000	35 01		1022.00	35 02	
899 000	35 04		961 000	35.01		1023 00	35 02	
900 000	35 03		962.000	35 01		1024 00	35.02	
901 000	35 04		963 000	35 01		1025.00	35 02	
902.000	35 04		964 000	35 00		1026.00	35 02	
903 000	35 04		965 000	35 00		1027.00	35.02	
904 000	35 04	34 11	966.000	35 00		1028.00	35 02	
905 000	35 04		967 000	35 00		1029 00	35 02	
906.000	35 04		968.000	35 00		1030.00	35 03	
907 000	35 04		969 000	35 00		1031 00	35.03	
908.000	35 04		970.000	35 00		1032.00	35.03	
909 000	35 04		971 000	35 00		1033.00	35 03	
910.000	35 04		972.000	35 00		1034 00	35 02	
911 000	35 04		973 000	35 00		1035 00	35 02	
912.000	35 04		974 000	35 00		1036 00	35 02	
913 000	35 04		975 000	35 00		1037 00	35 02	
914 000	35 04		976.000	35 00		1038 00	35 02	
915 000	35 04		977 000	35 00		1039 00	35 02	
916.000	35 03		978.000	35 00		1040 00	35 02	
917 000	35 03		979 000	35 00		1041 00	35 02	
918 000	35 03		980.000	35 00		1042.00	35.01	
919 000	35 03	34 05	981 000	35 00		1043 00	35 01	
920.000	35 03		982.000	35 00		1044 00	35 01	
921 000	35 03		983 000	35 00		1045 00	35 01	
922.000	35 03		984 000	35 00		1046.00	35 01	
923 000	35 03		985 000	35 00		1047 00	35 01	
924 000	35 03		986.000	35 00		1048 00	35 01	
925 000	35 02		987 000	35 00		1049 00	35 00	
926.000	35 02		988.000	35 00		1050 00	35 00	
927 000	35 02		989 000	35 00		1051.00	35 00	
928.000	35 02		990.000	34 99		1052.00	35 00	
929 000	35 02		991 000	35 00		1053 00	35 00	
930 000	35 02		992.000	35 00		1054 00	35 00	
931 000	35 02		993 000	34 99		1055 00	35 00	
932.000	35 02		994 000	34 99		1056.00	35 00	
933 000	35 02		995 000	34 99		1057 00	35.00	
934 000	35 02		996.000	34 99		1058 00	35 00	
935 000	35 02		997 000	34 99		1059 00	35 00	
936.000	35 02		998.000	34 99		1060 00	35.00	
937 000	35 02		999 000	34 99		1061 00	35 00	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1062.00	35 00		1124 00	34 96		1186.00	35 02	
1063 00	34 99		1125 00	34 96		1187 00	35 01	
1064 00	34 99		1126.00	34 96		1188 00	35.01	
1065 00	34 99		1127 00	34 97		1189 00	35 01	
1066 00	34 99		1128 00	34 97		1190 00	35 01	
1067 00	34 99	34 11	1129 00	34 97		1191 00	35 01	
1068 00	34 99		1130 00	34 97		1192.00	35 01	
1069 00	34 99		1131 00	34 97		1193 00	35.00	
1070 00	34 99		1132.00	34 97		1194 00	35.00	
1071 00	34 99		1133 00	34 97		1195 00	35.00	
1072.00	34 99		1134 00	34 97		1196.00	35.00	
1073 00	34 99		1135 00	34 97		1197 00	35 00	
1074 00	34 99		1136.00	34 97		1198 00	35 00	
1075 00	34 99		1137 00	34 97		1199.00	35.00	
1076 00	34 99		1138.00	34 97		1200.00	35 00	
1077 00	34 99		1139 00	34 97		1201 00	35 00	
1078 00	34 99		1140 00	34 97		1202.00	34 99	
1079 00	34 99		1141 00	34 97		1203 00	34 99	
1080 00	34 99		1142.00	34 97		1204 00	34 99	
1081 00	34 99		1143 00	34 97		1205 00	34 99	
1082.00	34 99		1144 00	34 98		1206.00	34 99	34 09
1083 00	34 99		1145 00	34 98		1207 00	34 99	
1084 00	34 98		1146 00	34 97		1208 00	34 99	
1085 00	34 98		1147 00	34 98		1209 00	34 99	
1086 00	34 98		1148 00	34 98		1210 00	34 99	
1087 00	34 98		1149 00	34 98		1211 00	34 99	
1088 00	34 98		1150 00	34 98		1212.00	34 99	
1089 00	34 98		1151 00	34 98		1213 00	34 99	
1090 00	34 98		1152.00	34 98		1214 00	34 99	
1091 00	34 98		1153 00	34 98		1215 00	34 98	
1092.00	34 98		1154 00	34 98		1216.00	34 98	
1093 00	34 98		1155 00	34 98		1217.00	34 98	
1094 00	34 98		1156.00	34 98		1218 00	34 98	
1095 00	34 98		1157 00	34 98		1219 00	34 98	
1096 00	34 98		1158 00	34 98		1220 00	34 98	
1097 00	34 98		1159 00	34 98		1221 00	34 98	
1098 00	34 98		1160 00	34 98		1222.00	34 98	
1099 00	34 98		1161 00	34 98		1223 00	34 98	
1100 00	34 98		1162 00	34 98		1224 00	34 98	
1101 00	34 98		1163 00	34 98		1225 00	34 98	
1102 00	34 98		1164 00	34 98		1226.00	34 98	
1103 00	34 98		1165 00	34 98		1227 00	34 98	
1104 00	34 98		1166 00	34 98		1228 00	34 98	
1105 00	34 98		1167 00	34 99		1229 00	34 98	
1106 00	34 98		1168 00	34 99		1230 00	34 98	
1107 00	34 98		1169 00	34 99		1231 00	34 98	
1108 00	34 97		1170 00	35 00		1232.00	34 98	
1109 00	34 97		1171 00	35 00		1233 00	34 98	
1110 00	34 97		1172 00	35 00		1234 00	34 97	
1111 00	34 97		1173 00	35 00		1235 00	34 98	
1112 00	34 97		1174 00	35 01		1236 00	34 97	
1113 00	34 97		1175 00	35 01		1237 00	34 97	
1114 00	34 97		1176 00	35 01		1238 00	34 97	
1115 00	34 97		1177 00	35 01		1239.00	34 97	
1116 00	34 97		1178 00	35 01		1240 00	34 97	
1117 00	34 97		1179 00	35 02		1241 00	34 97	
1118 00	34 97		1180 00	35 02		1242.00	34 97	
1119 00	34 97		1181 00	35 02		1243 00	34 97	
1120 00	34 97		1182 00	35 02		1244 00	34 97	
1121 00	34 97		1183 00	35 02		1245 00	34 97	
1122 00	34 97		1184 00	35 02		1246 00	34 97	
1123 00	34 96		1185 00	35 02		1247 00	34 97	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1248 00	34 97		1310 00	35 02		1372.00	35 04	
1249 00	34 97		1311 00	35 02		1373 00	35.04	
1250 00	34 97		1312.00	35 02		1374 00	35 04	
1251 00	34 97		1313 00	35 02		1375.00	35 04	
1252.00	34 97		1314 00	35 02		1376.00	35 04	
1253 00	34 97		1315 00	35 02		1377.00	35 04	
1254 00	34 97		1316 00	35 02		1378.00	35 03	
1255 00	34 97		1317 00	35 02		1379 00	35.03	
1256 00	34 97		1318 00	35 02		1380.00	35 03	
1257 00	34 97		1319 00	35 02		1381.00	35 03	
1258 00	34 97		1320 00	35 02		1382.00	35 03	
1259 00	34 97		1321 00	35 02		1383.00	35 03	
1260 00	34 97		1322.00	35 02		1384 00	35 03	
1261 00	34 97		1323.00	35 02		1385.00	35.03	
1262.00	34 97		1324.00	35 02		1386.00	35.02	
1263 00	34 97		1325 00	35.02		1387.00	35 02	
1264 00	34 97		1326.00	35 02		1388.00	35.02	
1265 00	34 97		1327 00	35 02		1389.00	35 02	
1266.00	34 97		1328 00	35 01		1390.00	35.02	
1267 00	34 98		1329 00	35 01		1391.00	35.02	
1268 00	34 97		1330 00	35 01		1392.00	35 02	
1269 00	34 98		1331 00	35 01		1393 00	35 02	
1270 00	34 98		1332.00	35 01		1394.00	35 02	
1271 00	34 97		1333 00	35 01		1395.00	35 02	
1272 00	34 97		1334 00	35 01		1396.00	35 02	
1273 00	34 98		1335 00	35 02		1397.00	35 02	
1274 00	34 98		1336 00	35 02		1398.00	35 02	
1275 00	34 98		1337 00	35 02		1399.00	35 02	
1276.00	34 98		1338 00	35.02		1400.00	35.02	
1277 00	34 98		1339 00	35 02		1401.00	35.02	
1278 00	34 98		1340 00	35 03		1402.00	35 02	
1279 00	34 99		1341 00	35 03		1403.00	35.02	
1280 00	34 99		1342 00	35 03		1404.00	35 02	
1281 00	34 99		1343 00	35 03		1405 00	35 02	
1282 00	35 00		1344 00	35 04		1406 00	35 02	
1283 00	35 00		1345 00	35 04				
1284 00	35 00		1346.00	35 04				
1285 00	35 00		1347 00	35 04				
1286.00	35 01		1348 00	35 04				
1287 00	35 01		1349 00	35 04				
1288 00	35 01		1350 00	35 05				
1289 00	35 01		1351 00	35 05				
1290 00	35 01		1352 00	35 05				
1291 00	35 01		1353 00	35 05				
1292 00	35 02		1354 00	35 05				
1293 00	35 02		1355 00	35 05				
1294 00	35 02		1356.00	35 06				
1295 00	35 02		1357 00	35 06				
1296 00	35 02		1358 00	35 06				
1297 00	35 02		1359 00	35 06				
1298 00	35 02		1360 00	35 06	34 11			
1299 00	35 02		1361 00	35 06				
1300 00	35 03		1362.00	35 06				
1301 00	35 03		1363 00	35 06				
1302 00	35 03		1364 00	35 06				
1303 00	35 03		1365 00	35 06				
1304 00	35 03		1366.00	35 06				
1305 00	35 02		1367 00	35 05				
1306 00	35 02		1368 00	35 05				
1307 00	35 02		1369 00	35 05				
1308 00	35 02		1370 00	35 05				
1309 00	35 02		1371 00	35 05				

Well 3687 File 09
SE1000B
Environmental Logger
05/04 16 01

Unit# 00000 Test# 0

INPUT 2 Level (F) TOC

Reference 34 09
Scale factor 9 99
Offset 0 01

Step# 0 05/03 05 58

Elapsed Time	V lue	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
0 0000	34 09		43 0000	34 11		86.0000	34 12	
1 0000	34 08		44 0000	34 11		87 0000	34 12	
2 0000	34 08		45 0000	34 11		88 0000	34 12	
3 0000	34 08		46 0000	34 11		89 0000	34 12	
4 0000	34 08		47 0000	34 12		90 0000	34 12	
5 0000	34 08		48 0000	34 12		91 0000	34 12	
6 0000	34 08		49 0000	34 12		92 0000	34 12	
7 0000	34 08		50 0000	34 12		93 0000	34 12	
8 0000	34 08		51 0000	34 12		94 0000	34 12	
9 0000	34 08		52.0000	34 12		95 0000	34 12	
10 0000	34 08		53 0000	34 13		96.0000	34 12	
11 0000	34 08		54 0000	34 13		97 0000	34 12	
12 0000	34 08		55 0000	34 13		98 0000	34 12	
13 0000	34 08		56 0000	34 13		99 0000	34 12	
14 0000	34 08		57 0000	34 13		100.000	34 12	
15 0000	34 08		58 0000	34 13		101 000	34 12	
16 0000	34 08		59 0000	34 14		102.000	34 12	
17 0000	34 08		60 0000	34 14		103 000	34 12	
18 0000	34 08		61 0000	34 14		104.000	34 12	
19 0000	34 08		62 0000	34 14		105 000	34 12	
20 0000	34 08		63 0000	34 14		106.000	34 12	
21 0000	34 08		64 0000	34 14		107 000	34 11	
22 0000	34 08		65 0000	34 14		108.000	34 11	
23 0000	34 08		66 0000	34 14		109 000	34 12	
24 0000	34 08		67 0000	34 14		110.000	34 11	
25 0000	34 08		68 0000	34 13		111 000	34 11	34 11
26 0000	34 08		69 0000	34 13		112.000	34 11	
27 0000	34 08		70 0000	34 13		113 000	34 11	
28 0000	34 08		71 0000	34 13		114 000	34 11	
29 0000	34 08		72 0000	34 13		115 000	34 11	
30 0000	34 08		73 0000	34 13		116.000	34 11	
31 0000	34 08		74 0000	34 13		117 000	34 11	
32 0000	34 08		75 0000	34 13		118.000	34 11	
33 0000	34 08		76 0000	34 13		119 000	34 11	
34 0000	34 09		77 0000	34 13		120.000	34 12	
35 0000	34 09		78 0000	34 12		121 000	34 11	
36 0000	34 09		79 0000	34 12		122.000	34 12	
37 0000	34 09		80 0000	34 12		123 000	34 12	
38 0000	34 10		81 0000	34 12		124 000	34 12	
39 0000	34 10		82 0000	34 12		125 000	34 12	
40 0000	34 10		83 0000	34 12		126.000	34 12	
41 0000	34 10		84 0000	34 12		127 000	34 12	
42 0000	34 11		85 0000	34 12		128.000	34 12	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
129 000	34 12		190.000	34 11		251 000	34 10	
130 000	34 12		191 000	34 11		252.000	34 10	
131 000	34 12		192.000	34 11		253 000	34 10	
132.000	34 12		193 000	34 11		254 000	34 10	
133 000	34 12		194 000	34 11		255 000	34 10	
134 000	34 11		195 000	34 11		256.000	34 10	
135 000	34 12		196.000	34 11		257 000	34 10	
136.000	34 12		197 000	34 10		258.000	34 10	
137 000	34 11		198 000	34 10		259 000	34 10	
138.000	34 11		199 000	34 10		260.000	34 10	
139 000	34 11		200.000	34 10		261 000	34 10	
140.000	34 11		201 000	34 10		262.000	34 10	
141 000	34 11		202.000	34 10		263.000	34 10	
142.000	34 11		203 000	34 10		264.000	34 10	
143 000	34 11		204 000	34 10		265 000	34 10	
144 000	34 11		205 000	34 10		266.000	34 10	
145 000	34 11		206.000	34 10		267 000	34 10	
146.000	34 11		207 000	34 10		268.000	34 10	
147 000	34 11		208.000	34 10		269 000	34 10	
148 000	34 11		209 000	34 10		270.000	34 10	
149 000	34 11		210 000	34 10		271 000	34 10	
150 000	34 11		211 000	34 10		272.000	34 10	
151 000	34 11		212.000	34 10		273 000	34 10	
152.000	34 11		213 000	34 10		274.000	34 10	
153 000	34 11		214 000	34 10		275 000	34 10	
154 000	34 11		215 000	34 10		276.000	34 10	
155 000	34 11		216.000	34 10		277 000	34 10	
156.000	34 11		217 000	34 10		278.000	34 10	
157 000	34 11		218.000	34 10		279 000	34 10	
158 000	34 11		219 000	34 10		280.000	34 10	34 11
159 000	34 11		220.000	34 10		281 000	34 10	
160 000	34 11		221 000	34 10		282.000	34 10	
161 000	34 11		222.000	34 10		283.000	34 10	
162.000	34 11		223 000	34 10		284.000	34 10	
163 000	34 11		224 000	34 10		285 000	34 10	
164 000	34 11		225 000	34 10		286.000	34 10	
165 000	34 11		226.000	34 10		287 000	34 10	
166.000	34 11		227 000	34 10		288.000	34 10	
167 000	34 11		228 000	34 10		289 000	34 11	
168 000	34 11		229 000	34 10		290.000	34 11	
169 000	34 11		230 000	34 10		291 000	34 10	
170 000	34 11		231 000	34 10		292.000	34 11	
171 000	34 11		232.000	34 10		293 000	34 11	
172.000	34 11		233 000	34 10		294 000	34 11	
173 000	34 11		234 000	34 10		295 000	34 11	
174 000	34 11		235 000	34 10		296.000	34 11	
175 000	34 11		236.000	34 10		297 000	34 10	
176.000	34 11		237 000	34 10		298 000	34 10	
177 000	34 11		238 000	34 10		299 000	34 10	
178 000	34 11		239 000	34 10		300.000	34 10	
179 000	34 11		240.000	34 10		301 000	34 10	
180 000	34 11		241 000	34 10		302.000	34 10	
181 000	34 11		242.000	34 10		303 000	34 10	
182.000	34 11		243 000	34 10		304 000	34 10	
183 000	34 11		244 000	34 10		305 000	34 10	
184 000	34 11		245 000	34 10		306.000	34 10	
185 000	34 11		246.000	34 10		307 000	34 09	
186.000	34 11		247 000	34 10		308.000	34 09	
187 000	34 11		248 000	34 10		309 000	34 09	
188 000	34 11		249 000	34 10		310.000	34 09	
189 000	34 11		250 000	34 10		311 000	34 09	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
312.000	34 09		373 000	34 07		434.000	34 08	
313 000	34 09		374 000	34 07		435 000	34 08	
314 000	34 09		375 000	34 07		436.000	34 08	
315 000	34 09		376.000	34 07		437 000	34.08	
316.000	34 09		377 000	34 07		438.000	34.08	
317 000	34 09		378.000	34 07		439 000	34 08	
318.000	34 09		379 000	34 07		440.000	34 08	
319 000	34 09		380.000	34 06		441 000	34 08	
320.000	34 09		381 000	34 06		442.000	34.08	
321 000	34 09		382.000	34 06		443 000	34 08	
322.000	34 09		383 000	34 06		444.000	34 08	
323 000	34 09		384 000	34 06		445 000	34 08	
324 000	34 09		385 000	34 06		446.000	34 08	34 08
325 000	34 08		386.000	34 06		447 000	34.08	
326.000	34 08		387 000	34 07		448.000	34 08	
327 000	34 08		388.000	34 07		449 000	34.08	
328 000	34 08		389 000	34 07		450.000	34 08	
329 000	34 08		390.000	34 07		451 000	34.08	
330.000	34.08		391 000	34 07		452.000	34.08	
331 000	34 08		392.000	34 07		453.000	34.08	
332.000	34 08		393 000	34 08		454.000	34 08	
333 000	34 08		394 000	34 08		455 000	34 08	
334 000	34 08		395 000	34 07		456.000	34 08	
335 000	34 08		396.000	34 08		457 000	34 08	
336.000	34 08		397 000	34 08		458.000	34 08	
337 000	34 08		398.000	34 08		459 000	34 08	
338 000	34 08		399 000	34 08		460.000	34 08	
339 000	34 08		400 000	34 08		461 000	34 08	
340.000	34 08		401 000	34 08		462.000	34 08	
341 000	34 08		402.000	34 08		463 000	34.08	
342.000	34 08		403 000	34 08		464.000	34 07	
343 000	34 08		404 000	34 08		465 000	34 07	
344 000	34 08		405 000	34 08		466.000	34 07	
345 000	34 08		406.000	34 08		467 000	34 07	
346.000	34 08		407 000	34 09		468.000	34 07	
347 000	34 08		408.000	34 08		469 000	34.07	
348 000	34 08		409 000	34 08		470.000	34 07	
349 000	34 08		410 000	34 09		471 000	34 07	
350 000	34 08		411 000	34 09		472.000	34 07	
351 000	34 08		412.000	34 08		473 000	34 07	
352.000	34 08		413 000	34 09		474 000	34 07	
353 000	34 07		414 000	34 09		475 000	34 07	
354 000	34 08		415 000	34 09		476.000	34 07	
355 000	34 07		416.000	34 09		477 000	34 07	
356.000	34 07		417 000	34 09		478.000	34 07	
357 000	34 07		418.000	34 09		479 000	34 07	
358 000	34 07		419 000	34 09		480.000	34 07	
359 000	34 07		420.000	34 08		481 000	34.07	
360 000	34 07		421 000	34 08		482.000	34.06	
361 000	34 07		422.000	34 09		483 000	34 06	
362.000	34 07		423 000	34 09		484 000	34 05	
363 000	34 07		424 000	34 08		485 000	34 04	
364 000	34 07		425 000	34 08		486.000	34 04	
365 000	34 07		426.000	34 08		487 000	34 04	
366.000	34 07		427 000	34 08		488.000	34 04	
367 000	34 07		428 000	34 08		489 000	34 04	
368 000	34 07		429 000	34 08		490 000	34 04	
369 000	34 07		430.000	34 08		491 000	34 04	
370 000	34 07		431 000	34 08		492.000	34 04	
371 000	34 07		432.000	34 08		493 000	34 05	
372.000	34 07		433 000	34 08		494 000	34 05	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
495 000	34 05		556.000	34 07		617 000	34 05	
496.000	34 05		557 000	34 07		618.000	34.05	
497 000	34 06		558.000	34 07		619 000	34.05	
498 000	34 05		559 000	34 06		620.000	34.05	
499 000	34 05		560.000	34 07		621.000	34 05	
500.000	34 06		561 000	34 07		622.000	34.05	
501 000	34 06		562.000	34 07		623.000	34 05	
502.000	34 06		563 000	34 06		624.000	34.05	
503 000	34 06		564 000	34 06		625.000	34 05	
504 000	34 06		565 000	34 06		626.000	34 05	
505 000	34 06		566.000	34 06		627 000	34 05	
506.000	34 06		567 000	34 06		628.000	34 05	
507 000	34 06		568.000	34 06		629 000	34 05	
508.000	34 06		569 000	34 06		630.000	34 05	
509 000	34 07		570.000	34 06		631 000	34 05	
510.000	34 06		571 000	34 06		632.000	34 05	
511 000	34 07		572.000	34 06		633 000	34.05	
512.000	34 07		573 000	34 06		634.000	34 05	
513 000	34 07		574 000	34 06		635.000	34 05	
514 000	34 07		575 000	34 06		636.000	34.05	
515 000	34 07		576.000	34 06		637 000	34 04	
516.000	34 07		577 000	34 06		638.000	34.04	
517 000	34 07		578.000	34 06		639 000	34 05	
518 000	34 07		579 000	34 06		640.000	34 04	
519 000	34 07		580.000	34 06		641 000	34 05	
520.000	34 07		581 000	34 06		642.000	34 05	
521 000	34 07		582.000	34 06		643 000	34 04	
522.000	34 07		583 000	34 05		644.000	34 04	
523 000	34 07		584 000	34 06		645 000	34 04	
524 000	34 07		585 000	34 05		646.000	34 04	
525 000	34 07		586.000	34 05		647 000	34 04	
526.000	34 07		587 000	34 05		648.000	34 04	
527 000	34 07		588.000	34 05		649 000	34 04	
528.000	34 07		589 000	34 05		650.000	34 04	
529 000	34 07		590.000	34 05		651 000	34.04	
530 000	34 07		591 000	34 05		652.000	34 04	
531 000	34 07		592.000	34 05		653 000	34 04	
532.000	34 07		593 000	34 05		654 000	34 04	
533 000	34 07		594 000	34 05		655 000	34 04	
534 000	34 07		595 000	34 05		656.000	34 04	
535 000	34 07		596.000	34 05		657 000	34 04	
536.000	34 07		597 000	34 05		658.000	34 04	
537 000	34 07		598.000	34 05		659 000	34 04	
538 000	34 07		599 000	34 05		660.000	34 04	
539 000	34 07		600.000	34 05		661 000	34 04	
540 000	34 07		601 000	34 05		662.000	34 04	
541 000	34 07		602.000	34 05		663 000	34 04	
542.000	34 07		603 000	34 05		664 000	34 04	
543 000	34 07		604 000	34 05		665 000	34 04	
544 000	34 07		605 000	34 05		666.000	34 04	
545 000	34 07		606.000	34 05		667 000	34 04	
546.000	34 07		607 000	34 05		668.000	34 04	
547 000	34 07		608 000	34 05		669 000	34 04	
548 000	34 07		609 000	34 05		670.000	34 04	
549 000	34 08		610 000	34 05		671 000	34 04	
550 000	34 07		611 000	34 05		672.000	34 04	
551 000	34 07		612.000	34 05		673 000	34 04	
552.000	34 07		613 000	34 05		674.000	34 04	
553 000	34 07		614 000	34 05		675 000	34 04	
554 000	34 07		615 000	34 05		676.000	34 04	
555 000	34 07		616.000	34 05		677 000	34 04	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
678.000	34 04		739 000	34 05		800.000	34.06	
679 000	34 04		740.000	34 05		801 000	34.06	
680.000	34 04		741 000	34 05		802.000	34 06	
681 000	34 04		742.000	34 05		803 000	34.06	
682.000	34 04		743 000	34 05		804.000	34.06	
683 000	34 04		744 000	34 05		805 000	34.06	
684 000	34 04		745 000	34 05		806.000	34 06	
685 000	34 04		746.000	34 05		807 000	34 06	
686.000	34 04		747 000	34 05		808.000	34.06	
687 000	34 04		748.000	34 05		809 000	34.06	
688 000	34 04		749 000	34 05		810.000	34.06	
689 000	34 04		750.000	34 05		811 000	34 06	
690.000	34 04		751 000	34 05		812.000	34.06	
691 000	34 04		752.000	34 04		813.000	34.06	
692.000	34 04		753 000	34 04		814.000	34.06	
693 000	34 04		754 000	34.03		815.000	34.06	
694 000	34 04		755 000	34 03		816.000	34.06	
695 000	34 04		756.000	34.03		817 000	34.06	
696.000	34 04		757 000	34.03		818.000	34.06	
697 000	34 04		758.000	34.03		819 000	34 06	
698 000	34 04		759 000	34 03		820.000	34 06	
699 000	34 04		760.000	34 04		821 000	34 06	
700 000	34 04		761 000	34 04		822.000	34 06	
701 000	34 04		762.000	34 04		823 000	34 06	
702.000	34 04		763.000	34 04		824 000	34 06	
703 000	34 04		764 000	34 04		825 000	34 06	
704 000	34 04		765 000	34 04		826.000	34 07	
705 000	34 04		766.000	34 04		827 000	34 07	34 08
706.000	34 04		767 000	34 04		828.000	34.07	
707 000	34 04		768.000	34 04		829 000	34 07	
708.000	34 04		769 000	34 04		830.000	34.07	
709 000	34 04		770.000	34.04		831 000	34.07	
710.000	34 05		771 000	34 04		832.000	34 07	
711 000	34 04		772.000	34.05		833 000	34.07	
712.000	34 04		773 000	34 05		834.000	34.07	
713 000	34 04		774 000	34 05		835 000	34 07	
714 000	34 04		775 000	34 05		836.000	34 07	
715 000	34 04		776.000	34 05		837 000	34 07	
716.000	34 04		777 000	34 05		838.000	34 07	
717 000	34 04		778 000	34 05		839 000	34 07	
718 000	34 04		779 000	34 05		840.000	34 07	
719 000	34 04		780 000	34 05		841 000	34 07	
720 000	34 04		781 000	34 05		842.000	34 07	
721 000	34 04		782.000	34 05		843 000	34 07	
722.000	34 04		783 000	34 05		844 000	34.07	
723 000	34 04		784 000	34 05		845 000	34 07	
724 000	34 04		785 000	34 05		846.000	34 07	
725 000	34 04		786.000	34 05		847 000	34 07	
726.000	34 04		787 000	34 05		848.000	34 07	
727 000	34 04		788.000	34 05		849 000	34 07	
728.000	34 04		789 000	34 06		850.000	34 07	
729 000	34 05		790.000	34 06		851 000	34 07	
730 000	34 05		791 000	34 06		852.000	34 07	
731 000	34 05		792.000	34 06		853 000	34 07	
732.000	34 05		793 000	34 06		854.000	34 07	
733 000	34 05		794 000	34 06		855 000	34 07	
734 000	34 05		795 000	34 06		856.000	34 07	
735 000	34 05		796.000	34 06		857 000	34 08	
736.000	34 05		797 000	34 06		858 000	34 08	
737 000	34 05		798.000	34 06		859 000	34 08	
738 000	34 05		799 000	34 06		860.000	34 08	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
861 000	34 08		922.000	34 09		983 000	34 11	
862.000	34 08		923 000	34 09		984.000	34 11	
863 000	34 08		924 000	34 09		985 000	34 11	
864 000	34 08		925 000	34 09		986.000	34 12	
865 000	34 08		926.000	34 09		987 000	34 12	
866.000	34 08		927 000	34 10		988.000	34 12	
867 000	34 08		928.000	34 09		989 000	34 12	
868.000	34 08		929 000	34 10		990.000	34 12	
869 000	34 08		930.000	34 09		991 000	34 12	
870.000	34 08		931 000	34 10		992.000	34 12	
871 000	34 08		932.000	34 09		993 000	34 12	
872.000	34 08		933 000	34 10		994.000	34 12	
873 000	34 08		934 000	34 10		995 000	34 12	
874 000	34 08		935 000	34 10		996.000	34 12	
875 000	34 08		936.000	34 10		997 000	34 12	
876.000	34 08		937 000	34 10		998.000	34 12	
877 000	34 08		938.000	34 10		999 000	34 12	
878.000	34 08		939 000	34 10		1000.00	34 12	
879 000	34 08		940.000	34 10		1001 00	34 12	
880.000	34 08		941 000	34 10		1002.00	34 12	
881 000	34 09		942.000	34 10		1003 00	34 12	
882.000	34 09		943 000	34 10		1004 00	34 12	
883 000	34 09		944 000	34 10		1005 00	34 12	
884 000	34 09		945 000	34 10		1006.00	34 12	
885 000	34 09		946.000	34 10		1007.00	34 12	
886.000	34 09		947 000	34 10		1008 00	34 12	
887 000	34 09		948.000	34 10		1009 00	34 12	
888 000	34 09		949 000	34 10		1010.00	34 12	
889 000	34 09		950.000	34 10		1011 00	34 12	
890 000	34 09		951 000	34 10		1012.00	34 12	
891 000	34 09		952.000	34 10		1013.00	34 12	
892.000	34 09		953 000	34 10		1014 00	34 12	
893 000	34 09		954 000	34 11		1015 00	34 13	
894 000	34 09		955 000	34 11		1016.00	34 13	
895 000	34 09		956.000	34 11		1017 00	34 12	
896.000	34 09		957 000	34 11		1018 00	34 12	
897 000	34 09		958.000	34 11		1019 00	34 13	
898.000	34 09		959 000	34 11		1020 00	34 13	
899 000	34 09		960.000	34 11		1021.00	34 13	
900.000	34 09		961 000	34 11		1022.00	34 13	
901 000	34 09		962.000	34 11		1023 00	34 13	
902.000	34 09		963 000	34 11		1024 00	34 13	
903 000	34 09		964 000	34 11		1025 00	34 13	
904 000	34 09		965 000	34 11		1026.00	34 13	
905 000	34 09		966.000	34 11		1027 00	34 13	
906.000	34 09		967 000	34 11		1028 00	34 13	
907 000	34 09		968.000	34 11		1029 00	34 13	
908 000	34 09		969 000	34 11		1030 00	34 13	
909 000	34 09		970.000	34 11		1031 00	34 13	
910 000	34 09		971 000	34 11		1032.00	34 13	
911 000	34 09		972.000	34 11		1033.00	34 13	
912.000	34 09		973 000	34 11		1034 00	34 13	
913 000	34 09		974 000	34 11		1035 00	34 13	
914 000	34 09		975 000	34 11		1036.00	34 13	
915 000	34 09		976.000	34 11		1037 00	34 13	
916.000	34 09		977 000	34 11		1038 00	34 13	
917 000	34 09		978 000	34 11		1039 00	34 13	
918 000	34 09		979 000	34 11		1040 00	34 13	
919 000	34 09		980.000	34 11		1041 00	34 13	
920 000	34 09		981 000	34 11		1042.00	34 13	
921 000	34 09		982.000	34 11		1043 00	34 13	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1044 00	34 13		1105 00	34 15		1166.00	34 18	
1045 00	34 13		1106.00	34 15		1167.00	34 18	
1046 00	34 13		1107 00	34 15		1168 00	34 18	
1047 00	34 13		1108 00	34 15		1169.00	34 19	
1048 00	34 13		1109 00	34 15		1170 00	34 18	
1049 00	34 13		1110 00	34 15		1171 00	34 18	
1050 00	34 13		1111 00	34 15		1172.00	34 17	
1051 00	34 13		1112.00	34 15		1173.00	34 17	
1052 00	34 13		1113 00	34 16		1174 00	34 17	
1053 00	34 13		1114 00	34 16		1175 00	34 17	
1054 00	34 13		1115 00	34 16		1176.00	34 17	
1055 00	34 13		1116.00	34 16		1177 00	34 18	
1056 00	34 13		1117 00	34 16		1178 00	34 18	
1057 00	34 13		1118 00	34 16		1179 00	34 17	
1058 00	34 13		1119 00	34 16		1180 00	34 17	
1059 00	34 13		1120 00	34 16		1181 00	34 18	
1060 00	34 13		1121 00	34 16		1182.00	34 18	
1061 00	34 13		1122.00	34 16		1183 00	34 18	
1062 00	34 13		1123 00	34 16		1184 00	34 18	
1063 00	34 13		1124 00	34 16		1185 00	34 18	
1064 00	34 13		1125 00	34 16		1186.00	34 18	
1065 00	34 13		1126.00	34 16		1187 00	34 18	
1066 00	34 13		1127 00	34 16		1188 00	34 19	
1067 00	34 13		1128 00	34 16		1189 00	34 19	
1068 00	34 13		1129 00	34 16		1190.00	34.20	
1069 00	34 13		1130 00	34 16		1191 00	34 19	
1070 00	34 13		1131 00	34 17		1192.00	34 19	
1071 00	34 13		1132 00	34 17		1193 00	34 19	
1072 00	34 13		1133 00	34 17		1194 00	34 19	
1073 00	34 13		1134 00	34 17		1195 00	34 19	
1074 00	34 13		1135 00	34 17		1196.00	34 19	
1075 00	34 13		1136 00	34 17		1197 00	34 19	
1076 00	34 13		1137 00	34 17		1198.00	34.20	
1077 00	34 13		1138 00	34 17		1199 00	34.20	
1078 00	34 13		1139 00	34 17		1200 00	34.20	
1079 00	34 13		1140 00	34 17		1201 00	34.20	
1080 00	34 13		1141 00	34 17		1202.00	34.20	
1081 00	34 13		1142 00	34 17		1203 00	34.20	
1082.00	34 14		1143 00	34 17		1204 00	34.20	
1083 00	34 14		1144 00	34 17		1205 00	34.20	
1084 00	34 14		1145 00	34 17		1206.00	34 20	
1085 00	34 14		1146 00	34 18		1207 00	34.20	
1086 00	34 14		1147 00	34 17		1208 00	34 20	
1087 00	34 14		1148 00	34 17		1209 00	34.20	
1088 00	34 14		1149 00	34 17		1210 00	34.20	
1089 00	34 14		1150 00	34 17		1211 00	34.20	
1090 00	34 14		1151 00	34 17		1212.00	34 20	
1091 00	34 14		1152.00	34 17		1213 00	34.20	
1092 00	34 14		1153 00	34 17		1214 00	34.20	
1093 00	34 14		1154 00	34 17		1215 00	34.21	
1094 00	34 14		1155 00	34 18		1216.00	34.21	
1095 00	34 14		1156.00	34 18		1217 00	34.21	
1096 00	34 14		1157 00	34 18		1218 00	34 21	
1097 00	34 14		1158 00	34 19		1219 00	34.21	
1098 00	34 14		1159 00	34 17		1220 00	34.21	
1099 00	34 15		1160 00	34 18		1221 00	34 21	
1100 00	34 15		1161 00	34 17		1222 00	34.21	
1101 00	34 14		1162.00	34 17		1223 00	34.21	
1102 00	34 15		1163 00	34 18		1224 00	34.21	
1103 00	34 15		1164 00	34 18		1225 00	34 21	
1104 00	34 15		1165 00	34 18		1226 00	34 21	

Elapsed Time	Value	Hand Meas	Elapsed Tim	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1227 00	34.21		1288 00	34.22		1349.00	34.23	
1228 00	34 21		1289 00	34.22		1350.00	34.23	
1229 00	34.21		1290 00	34.22		1351 00	34.23	
1230 00	34.21		1291 00	34.22		1352.00	34.23	
1231 00	34.21		1292.00	34.22		1353.00	34.23	
1232.00	34.21		1293 00	34.22		1354 00	34.23	
1233 00	34.21		1294 00	34.22		1355.00	34.23	
1234 00	34.21		1295 00	34.22		1356.00	34.23	
1235 00	34.22		1296.00	34.22		1357.00	34.23	
1236 00	34.21		1297.00	34.22		1358.00	34.23	
1237 00	34.21		1298 00	34.22		1359.00	34.23	
1238 00	34.21		1299 00	34.22		1360.00	34.23	
1239 00	34.21		1300.00	34.22		1361 00	34.23	
1240 00	34.21		1301 00	34.22		1362.00	34.22	
1241 00	34.21		1302.00	34.22		1363.00	34.22	
1242.00	34.22		1303 00	34.22		1364 00	34.22	
1243 00	34.21		1304 00	34.22		1365 00	34.23	
1244 00	34.22		1305 00	34.22		1366.00	34.22	
1245 00	34.21		1306.00	34.22		1367 00	34.22	
1246.00	34.22		1307 00	34.22		1368 00	34.23	
1247 00	34.22		1308 00	34 22		1369 00	34.22	
1248 00	34.22		1309 00	34 22		1370 00	34.22	
1249 00	34 22	34 25	1310 00	34.22		1371 00	34.22	
1250 00	34.22		1311 00	34.22		1372.00	34.23	
1251 00	34.22		1312 00	34.22		1373 00	34.23	
1252.00	34.22		1313 00	34.22		1374 00	34.23	
1253 00	34.22		1314 00	34.23		1375 00	34.23	
1254 00	34.22		1315 00	34.22		1376.00	34.22	
1255 00	34.22		1316.00	34.23		1377 00	34.22	
1256 00	34.22		1317 00	34.23		1378 00	34.23	
1257 00	34.22		1318 00	34 23		1379 00	34.23	
1258 00	34.22		1319 00	34.23		1380 00	34.23	
1259 00	34.22		1320 00	34 22		1381 00	34.22	
1260 00	34.22		1321 00	34.22		1382.00	34.23	
1261 00	34.22		1322.00	34.22		1383 00	34.22	
1262 00	34.22		1323 00	34.23		1384 00	34.22	
1263 00	34.22		1324 00	34.23		1385 00	34.22	
1264 00	34.22		1325 00	34 22		1386 00	34.22	
1265 00	34 22		1326 00	34.23		1387.00	34.22	
1266 00	34 22		1327 00	34 22		1388 00	34.22	
1267 00	34 22		1328 00	34 23		1389 00	34.22	
1268 00	34 22		1329 00	34 22		1390 00	34.22	
1269 00	34 22		1330 00	34.23		1391 00	34.22	
1270 00	34.22		1331 00	34.22		1392.00	34.22	
1271 00	34.22		1332 00	34.23		1393 00	34.22	
1272.00	34 22		1333 00	34 23		1394 00	34.22	
1273 00	34 22		1334 00	34 22		1395 00	34.22	
1274 00	34 22		1335 00	34.23		1396 00	34.22	
1275 00	34.22		1336.00	34 23		1397 00	34.22	
1276 00	34 22		1337 00	34.23		1398 00	34.23	
1277 00	34 22		1338 00	34.23		1399 00	34 22	
1278 00	34 22		1339 00	34.23		1400 00	34.22	
1279 00	34 22		1340 00	34.23		1401 00	34.22	
1280 00	34 22		1341 00	34.23		1402.00	34.22	
1281 00	34 22		1342.00	34 23		1403 00	34.22	
1282 00	34 22		1343 00	34 23		1404 00	34.22	
1283 00	34 22		1344 00	34.23		1405 00	34 22	
1284 00	34.22		1345 00	34.23		1406 00	34.22	
1285 00	34.22		1346 00	34.23		1407 00	34.22	
1286 00	34 22		1347 00	34 23		1408 00	34.22	
1287 00	34 22		1348 00	34 23		1409 00	34.23	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1410 00	34.22		1471 00	34.23		1532.00	34.26	
1411 00	34 22		1472.00	34 23		1533.00	34.26	
1412.00	34.22		1473 00	34.23		1534 00	34.26	
1413 00	34.23		1474 00	34.23		1535.00	34.26	
1414 00	34.22		1475 00	34.23		1536.00	34.26	
1415 00	34.22		1476 00	34 23		1537 00	34.27	
1416 00	34.22		1477 00	34 23		1538 00	34.27	
1417 00	34.22		1478 00	34 23		1539 00	34.27	
1418 00	34.22		1479 00	34 24		1540.00	34.27	
1419 00	34.22		1480 00	34 23		1541 00	34.27	
1420 00	34.22		1481 00	34 24		1542.00	34.27	
1421 00	34.22		1482.00	34 24		1543 00	34.27	
1422.00	34.22		1483 00	34 24		1544 00	34.27	
1423 00	34.22		1484 00	34.24		1545 00	34.27	
1424 00	34.22		1485 00	34 24		1546.00	34.27	
1425 00	34.22		1486.00	34 24		1547 00	34.27	
1426.00	34.22		1487 00	34.24		1548 00	34.27	
1427 00	34.23		1488 00	34.24		1549 00	34 27	
1428 00	34.23		1489 00	34.24		1550 00	34.27	
1429 00	34.22		1490 00	34 24		1551 00	34.27	
1430 00	34.22		1491 00	34.24		1552.00	34.27	
1431 00	34.23		1492 00	34 24		1553 00	34.27	
1432.00	34.23		1493 00	34 24		1554 00	34.27	
1433 00	34.23		1494 00	34 24		1555.00	34.27	
1434 00	34.23		1495 00	34.24		1556.00	34.26	
1435 00	34.23		1496.00	34.24		1557 00	34.26	
1436 00	34 23		1497 00	34.24		1558 00	34.26	
1437 00	34.23		1498 00	34.24		1559 00	34.26	
1438 00	34.23		1499 00	34.24		1560 00	34.26	
1439 00	34 23		1500 00	34.25		1561.00	34.26	
1440 00	34.23		1501 00	34.25		1562.00	34.27	
1441 00	34.23		1502.00	34.25		1563 00	34.26	
1442.00	34.23		1503.00	34.25		1564 00	34.26	
1443 00	34.23		1504 00	34.25		1565 00	34.26	
1444 00	34.23		1505 00	34.25		1566.00	34.26	
1445 00	34.23		1506.00	34.25		1567 00	34.26	
1446 00	34.23		1507 00	34 25		1568 00	34.26	
1447 00	34.23		1508 00	34.25		1569 00	34.26	
1448 00	34 23		1509 00	34 25		1570 00	34.26	
1449 00	34.23		1510 00	34 25		1571 00	34.26	
1450 00	34 23		1511 00	34 26		1572 00	34 26	
1451 00	34 23		1512.00	34.26		1573 00	34.26	
1452 00	34 23		1513 00	34.26		1574 00	34.26	
1453 00	34.23		1514 00	34.26		1575 00	34.26	
1454 00	34.23		1515 00	34.26		1576.00	34.26	
1455 00	34.23		1516 00	34 26		1577 00	34.26	
1456 00	34.23		1517 00	34.26		1578 00	34.26	
1457 00	34 23		1518 00	34.26		1579 00	34.26	
1458 00	34.23		1519 00	34 26		1580 00	34.26	
1459 00	34 23		1520 00	34 26		1581 00	34.26	
1460 00	34 23		1521 00	34.26		1582.00	34.26	
1461 00	34 23		1522.00	34 26		1583 00	34.26	
1462.00	34 23		1523 00	34 26		1584.00	34 26	
1463 00	34.23		1524 00	34.26		1585 00	34.26	
1464 00	34.23		1525 00	34 26		1586 00	34 26	
1465 00	34.23		1526 00	34.26		1587 00	34.26	
1466 00	34 23		1527 00	34.26		1588 00	34 26	
1467 00	34 23		1528 00	34.26		1589 00	34.26	
1468 00	34 23		1529 00	34 26		1590 00	34.26	
1469 00	34 23		1530 00	34 26		1591 00	34.26	
1470 00	34 23		1531 00	34 26		1592 00	34.26	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1593 00	34.26		1654 00	34.26		1715 00	34.25	
1594 00	34.26		1655 00	34.26		1716.00	34.25	
1595 00	34.26		1656.00	34.26		1717.00	34.25	
1596 00	34.26		1657 00	34.26		1718 00	34.25	
1597 00	34.26		1658 00	34 26		1719 00	34.25	
1598 00	34.26		1659 00	34 26		1720.00	34.25	
1599 00	34.26		1660 00	34.26		1721 00	34.25	
1600 00	34.26		1661 00	34.25		1722.00	34.25	
1601 00	34.26		1662.00	34.26		1723 00	34.25	
1602.00	34.26		1663.00	34.26		1724 00	34.25	
1603 00	34.26		1664 00	34.26		1725 00	34.25	
1604 00	34.26		1665 00	34.26		1726.00	34.25	
1605 00	34.26		1666.00	34.26		1727 00	34.25	
1606.00	34.26		1667 00	34.25		1728.00	34.25	
1607 00	34.26		1668 00	34.26		1729.00	34.25	
1608 00	34.26		1669 00	34.26		1730 00	34.25	
1609 00	34.26		1670 00	34.26		1731 00	34.25	
1610 00	34.26		1671 00	34.26		1732.00	34.25	
1611 00	34.26		1672.00	34.25		1733.00	34.25	
1612.00	34.26		1673 00	34 25		1734 00	34.25	
1613 00	34.26		1674 00	34.26		1735 00	34.25	
1614 00	34.26		1675 00	34.25		1736.00	34.25	
1615 00	34.26		1676.00	34.25		1737 00	34.25	
1616.00	34.26		1677.00	34.25		1738.00	34.25	
1617 00	34.26		1678 00	34.26		1739 00	34.25	
1618 00	34.26		1679 00	34.25		1740 00	34.25	
1619 00	34.26		1680 00	34.25		1741.00	34.25	
1620 00	34.26		1681 00	34.25		1742.00	34.24	
1621 00	34.26		1682 00	34.25		1743 00	34.24	
1622.00	34.26		1683.00	34.25		1744.00	34.24	
1623 00	34 26		1684 00	34.25		1745 00	34.25	
1624 00	34.26		1685 00	34.25		1746.00	34.25	
1625 00	34.26		1686.00	34.25		1747 00	34.25	
1626 00	34.26		1687 00	34.25		1748.00	34.24	
1627 00	34.26		1688 00	34 25		1749 00	34.24	
1628 00	34.26		1689 00	34.24		1750.00	34.24	
1629 00	34 26		1690 00	34.24		1751 00	34.24	
1630 00	34 26		1691 00	34.24		1752.00	34.24	
1631 00	34.26		1692.00	34 24		1753 00	34.24	
1632 00	34.26		1693 00	34 24		1754 00	34.24	
1633 00	34 26		1694 00	34.24		1755 00	34.24	
1634 00	34 26		1695 00	34.24		1756.00	34.24	
1635 00	34.26		1696 00	34.24		1757 00	34.24	
1636 00	34.26		1697 00	34 24		1758.00	34 24	
1637 00	34 26		1698 00	34.24		1759 00	34.24	
1638 00	34 26		1699 00	34 25		1760 00	34.24	
1639 00	34 26		1700 00	34.24		1761 00	34.24	
1640 00	34.26		1701 00	34 24		1762.00	34.24	
1641 00	34 26		1702 00	34.25		1763 00	34.24	
1642 00	34 26		1703 00	34 25		1764 00	34.24	
1643 00	34.26		1704 00	34 25		1765 00	34.24	
1644 00	34.26		1705 00	34 25		1766.00	34.24	
1645 00	34 26		1706 00	34.25		1767 00	34.24	
1646 00	34 26		1707 00	34 25		1768 00	34.24	
1647 00	34.26		1708 00	34 25		1769 00	34 24	
1648 00	34.26		1709 00	34 25		1770 00	34.24	
1649 00	34 26		1710 00	34.25		1771 00	34 24	
1650 00	34 26		1711 00	34.25		1772 00	34 24	
1651 00	34 26		1712.00	34.25		1773 00	34.23	
1652.00	34 26		1713 00	34 25		1774 00	34.23	
1653 00	34 26		1714 00	34 25		1775 00	34 23	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
1776 00	34.24		1837 00	34 22		1898 00	34 19	
1777 00	34.23		1838 00	34.22		1899.00	34 19	
1778 00	34.23		1839 00	34.22		1900.00	34 19	33.53
1779 00	34.23		1840.00	34 22		1901 00	34 19	33 49
1780 00	34.23		1841 00	34.22		1902.00	34 19	33 48
1781 00	34.23		1842.00	34 21		1903 00	34 19	
1782 00	34.23		1843 00	34.21		1904 00	34 19	
1783 00	34.23		1844 00	34.21		1905 00	34 19	
1784 00	34.23		1845 00	34.21		1906.00	34 19	
1785 00	34.23		1846.00	34.21		1907 00	34 19	
1786 00	34.23		1847 00	34.21		1908 00	34 19	
1787 00	34.23		1848 00	34.21		1909 00	34 19	
1788 00	34.23		1849 00	34 21		1910.00	34 19	
1789 00	34.23		1850 00	34 21		1911 00	34 19	
1790 00	34 23		1851 00	34.21		1912.00	34 19	
1791 00	34.23		1852.00	34.21		1913 00	34 19	
1792.00	34.23		1853 00	34.21		1914 00	34 19	
1793 00	34.23		1854 00	34 21		1915 00	34 19	
1794 00	34.23		1855 00	34.21		1916.00	34 19	
1795 00	34.23		1856 00	34.21		1917 00	34 19	
1796 00	34.23		1857 00	34.21		1918.00	34 19	
1797 00	34.23		1858 00	34.21		1919 00	34 19	
1798 00	34.23		1859 00	34.21		1920 00	34 19	
1799 00	34.23		1860 00	34.21		1921 00	34 18	
1800 00	34.23		1861 00	34.21		1922.00	34 18	
1801 00	34 23		1862.00	34.21		1923 00	34 18	
1802 00	34.23		1863 00	34.20		1924 00	34 18	
1803 00	34.23		1864 00	34.20		1925 00	34 18	
1804 00	34.22		1865 00	34.20		1926.00	34 18	
1805 00	34.23		1866.00	34.20		1927 00	34 18	
1806 00	34.23		1867 00	34.21		1928 00	34 18	
1807 00	34.23		1868 00	34.20		1929 00	34 18	
1808 00	34.23		1869 00	34.20	34 14	1930 00	34 18	
1809 00	34.23		1870 00	34.20		1931.00	34 18	
1810 00	34.22		1871 00	34.20		1932.00	34 18	
1811 00	34.22		1872 00	34.20		1933 00	34 18	
1812 00	34 22		1873 00	34.20		1934 00	34 18	
1813 00	34.22		1874 00	34.20		1935 00	34 18	
1814 00	34 22		1875 00	34 20		1936 00	34 18	
1815 00	34 22		1876.00	34.20		1937 00	34 18	
1816 00	34.22		1877 00	34 20		1938 00	34 18	
1817 00	34 22		1878 00	34 20		1939 00	34 18	
1818 00	34 22		1879 00	34.20		1940 00	34 18	
1819 00	34.22		1880 00	34.20		1941 00	34 18	
1820 00	34 22		1881 00	34 20		1942.00	34 18	
1821 00	34.22		1882 00	34.20		1943 00	34 17	
1822 00	34.22		1883 00	34.20		1944 00	34 18	
1823 00	34 22		1884 00	34 20		1945 00	34 18	
1824 00	34.22		1885 00	34.20		1946.00	34 17	
1825 00	34 22		1886 00	34.20		1947 00	34 17	
1826 00	34 22		1887 00	34.20		1948.00	34 17	
1827 00	34 22		1888 00	34.20		1949 00	34 17	
1828 00	34.22		1889 00	34 20		1950 00	34 17	
1829 00	34.22		1890 00	34 20		1951 00	34 17	
1830 00	34 22		1891 00	34.20		1952.00	34 17	
1831 00	34.22		1892.00	34 20		1953 00	34 17	
1832 00	34 22		1893 00	34 20	33 82	1954 00	34 17	
1833 00	34.22		1894 00	34.20		1955 00	34 17	
1834 00	34 22		1895 00	34 19		1956.00	34 17	
1835 00	34 22		1896 00	34 19		1957 00	34 17	
1836 00	34.22		1897 00	34 19		1958 00	34 17	

Elapsed Tim	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1959 00	34 17		1978 00	34 16		1997 00	34 15	
1960 00	34 17		1979 00	34 16		1998.00	34 15	
1961 00	34 17		1980.00	34 16		1999 00	34 15	
1962 00	34 17		1981 00	34 16		2000.00	34 15	
1963 00	34 17		1982.00	34 16		2001.00	34 15	
1964 00	34 17		1983 00	34 16		2002.00	34 15	
1965 00	34 17		1984 00	34 16		2003 00	34 15	
1966.00	34 17		1985 00	34 16		2004 00	34 15	
1967 00	34 17		1986.00	34 16		2005.00	34 15	
1968 00	34 17		1987 00	34 16		2006.00	34 15	
1969 00	34 17		1988 00	34 16		2007 00	34 15	
1970 00	34 17		1989 00	34 16		2008.00	34 15	
1971 00	34 16		1990.00	34 15		2009.00	34 15	
1972.00	34 16		1991 00	34 15		2010.00	34 15	
1973 00	34 16		1992.00	34 15		2011 00	34 14	
1974 00	34 16		1993 00	34 15		2012.00	34 15	
1975 00	34 16		1994 00	34 15		2013 00	34 14	
1976 00	34 16		1995 00	34 15		2014 00	34 14	
1977 00	34 16		1996.00	34 15		2015 00	34 14	

Well 3687 File 10
SE1000B
Environmental Logger
05/06 11 39

Unit# 00000 Test# 0

INPUT 2 Level (F) TOC

Reference 34 14
Scale factor 9 99
Offset 0 01

Step# 0 05/04 17.22

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas
0 0000	34.14		1.5000	34.10		50.0000	32.82	
0.0033	34.14		1.5833	34 10		52.0000	32.79	
0 0066	34.14		1.6667	34 10		54 0000	32.77	
0 0099	34.14		1 7500	34 10		56.0000	32.75	
0 0133	34 14		1 8333	34 09		58.0000	32.73	
0 0166	34.14		1 9167	34 09		60.0000	32.71	
0.0200	34.14		2.0000	34 09		62.0000	32.69	
0.0233	34.14		2.5000	34 07		64.0000	32.67	
0 0266	34.14		3.0000	34.04		66.0000	32.65	
0.0300	34.14		3.5000	34.02		68.0000	32.63	
0.0333	34.14		4.0000	34.00		70.0000	32.61	
0.0500	34.14		4.5000	33 98		72.0000	32.60	
0.0666	34.14		5 0000	33 96		74.0000	32.58	
0.0833	34.14		5.5000	33 93		76.0000	32.57	
0 1000	34 14		6.0000	33 91		78.0000	32.55	
0.1166	34.14		6.5000	33 89		80.0000	32.54	
0.1333	34.14		7 0000	33 87		82.0000	32.52	
0 1500	34.14		7.5000	33 85		84 0000	32.51	
0 1666	34.14		8 0000	33 83		86.0000	32.50	
0.1833	34.14		8.5000	33 80		88.0000	32.48	
0.2000	34 14		9 0000	33 78		90 0000	32.47	
0.2166	34 14		9.5000	33 76		92.0000	32 46	
0.2333	34 14		10 0000	33 74		94 0000	32.44	
0.2500	34.14		12.0000	33 66		96.0000	32.43	
0.2666	34.14		14.0000	33.58		98.0000	32.42	
0.2833	34.14		16.0000	33.51		100.000	32.41	
0.3000	34.14		18.0000	33 44		110.000	32.36	
0.3166	34.14		20.0000	33.38		120.000	32.31	
0.3333	34.14		22.0000	33.32		130.000	32 26	
0 4167	34 14		24 0000	33 27		140.000	32 22	
0.5000	34 14		26.0000	33.22		150.000	32 18	
0.5833	34.13		28.0000	33 18		160.000	32.14	
0 6667	34.13		30.0000	33 14		170.000	32 11	
0 7500	34 13		32.0000	33 09		180.000	32.08	
0 8333	34.13		34 0000	33 06		190.000	32 05	
0 9167	34 12		36.0000	33 02		200.000	32 03	
1 0000	34.12		38 0000	32.99		210.000	32 00	
1 0833	34 12		40.0000	32.96		220.000	31 97	
1 1667	34 12		42.0000	32.92		230.000	31 95	
1.2500	34.11		44.0000	32.90		240.000	31 92	
1.3333	34.11		46.0000	32.87		250.000	31 90	
1 4166	34 11		48 0000	32.84		260.000	31 88	

Elapsed Time	Value	Hand Meas
270.000	31 86	
280.000	31 84	
290.000	31 82	
300.000	31 80	
310.000	31 78	
320.000	31 76	
330.000	31 74	
340.000	31 72	
350.000	31 70	
360.000	31.69	
370.000	31.67	
380.000	31.66	
390.000	31.64	
400.000	31.62	
410.000	31.61	
420.000	31.60	
430.000	31.59	
440.000	31.57	
450.000	31.56	
460.000	31.55	
470.000	31.53	
480.000	31.52	
490.000	31.51	
500.000	31.50	
510.000	31 48	
520.000	31 47	
530.000	31 46	
540.000	31 44	
550.000	31 44	
560.000	31 42	
570.000	31 41	
580.000	31 40	
590.000	31.39	
600.000	31.38	
610.000	31.37	
620.000	31.36	
630.000	31.35	
640.000	31.34	
650.000	31.33	
660.000	31.33	
670.000	31.32	
680.000	31.32	
690.000	31.31	
700.000	31.31	
710.000	31.30	
720.000	31.29	
730.000	31.29	
740.000	31.28	
750.000	31.28	
760.000	31.27	
770.000	31.27	
780.000	31.26	
790.000	31.26	
800.000	31.25	
810.000	31.25	
820.000	31.24	
830.000	31.24	
840.000	31.24	
850.000	31.23	
860.000	31.23	
870.000	31.23	

Elapsed Time	Value	Hand Meas
880.000	31.22	
890.000	31.22	
900.000	31.22	
910.000	31.21	
920.000	31.21	
930.000	31.21	
940.000	31.20	
950.000	31.20	
960.000	31.20	
970.000	31 19	
980.000	31 18	
990.000	31 18	
1000.00	31 18	
1100.00	31 15	
1200.00	31 11	
1300.00	31.06	
1400.00	31.01	
1500.00	30 98	
1600.00	30 96	
1700.00	30.94	
1800.00	30 94	
1900.00	30.92	
2000.00	30.88	
2100.00	30 86	
2200.00	30 83	
2300.00	30 82	
2400.00	30 81	
2500.00	30 79	

Elapsed Time	Value	Hand Meas

Well 3687 File 11
SE1000B
Environmental Logger
05/11 17 15

Unit# 00000 Test# 0

INPUT 2 Level (F) TOC

Reference 30 79
Scale factor 9 99
Offset 0 01

Step# 0 05/06 11 45

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	30.79		1260.00	30 65		2520.00	30.52	
30 0000	30.78		1290.00	30 65		2550.00	30.52	
60 0000	30.77		1320.00	30.64		2580 00	30.52	
90 0000	30.76		1350.00	30.64		2610.00	30.52	
120.000	30.75		1380.00	30 63		2640 00	30.52	
150.000	30.74		1410.00	30.63		2670.00	30.52	
180.000	30.73		1440.00	30.63		2700 00	30.52	
210.000	30.73		1470.00	30.63		2730.00	30.52	
240.000	30.72		1500.00	30.63		2760.00	30.52	
270.000	30.71		1530.00	30.62		2790.00	30.52	
300.000	30.71		1560.00	30.62		2820.00	30.51	
330.000	30.71		1590 00	30.61		2850.00	30.50	
360.000	30.70		1620.00	30.62		2880.00	30 49	
390.000	30.69		1650.00	30.62		2910.00	30 48	
420.000	30.68		1680.00	30.61		2940.00	30 47	
450.000	30.67		1710.00	30 60		2970 00	30 46	
480.000	30.67		1740.00	30.60		3000 00	30 45	
510.000	30.67		1770.00	30.59		3030.00	30 44	
540.000	30.68		1800.00	30.59		3060 00	30 43	
570.000	30.68		1830.00	30.59		3090 00	30 42	
600.000	30.68		1860.00	30.58		3120.00	30 42	
630.000	30 68		1890.00	30.57		3150 00	30 41	
660.000	30.68		1920.00	30.56		3180 00	30 41	
690.000	30.67		1950 00	30.56		3210 00	30 41	
720.000	30.67		1980.00	30.56		3240 00	30 41	
750.000	30.67		2010.00	30.57		3270 00	30 40	
780.000	30.67		2040 00	30.56		3300 00	30 40	
810.000	30.67		2070.00	30.56		3330 00	30 39	
840.000	30.66		2100.00	30.56		3360 00	30.39	
870.000	30.66		2130 00	30.55		3390 00	30.38	
900.000	30.65		2160.00	30.55		3420 00	30.38	
930.000	30.65		2190 00	30.55		3450 00	30 38	
960.000	30.65		2220 00	30.55		3480 00	30 38	
990.000	30.65		2250 00	30.54		3510.00	30.37	
1020.00	30.64		2280.00	30.54		3540 00	30 37	
1050 00	30.64		2310.00	30.54		3570 00	30.36	
1080 00	30.65		2340 00	30.53		3600 00	30.36	
1110 00	30.65		2370 00	30.53		3630 00	30.35	
1140.00	30.65		2400.00	30.53		3660.00	30.34	
1170 00	30.65		2430 00	30.53		3690 00	30 34	
1200 00	30.65		2460 00	30.52		3720 00	30 33	
1230 00	30 65		2490 00	30.52		3750 00	30 33	

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.
3780.00	30.32		5610.00	30.49				
3810.00	30.32		5640.00	30.49				
3840.00	30.32		5670.00	30.49				
3870.00	30.32		5700.00	30.49				
3900.00	30.31		5730.00	30.49				
3930.00	30.31		5760.00	30.50				
3960.00	30.31		5790.00	30.50				
3990.00	30.31		5820.00	30.50				
4020.00	30.31		5850.00	30.50				
4050.00	30.31		5880.00	30.49				
4080.00	30.31		5910.00	30.49				
4110.00	30.31		5940.00	30.49				
4140.00	30.31		5970.00	30.49				
4170.00	30.30		6000.00	30.49				
4200.00	30.30		6030.00	30.49				
4230.00	30.30		6060.00	30.49				
4260.00	30.29		6090.00	30.49				
4290.00	30.28		6120.00	30.49				
4320.00	30.27		6150.00	30.48				
4350.00	30.26		6180.00	30.48				
4380.00	30.26		6210.00	30.47				
4410.00	30.24		6240.00	30.48				
4440.00	30.23		6270.00	30.48				
4470.00	30.23		6300.00	30.49				
4500.00	30.22		6330.00	30.50				
4530.00	30.21		6360.00	30.50				
4560.00	30.20		6390.00	30.51				
4590.00	30.20		6420.00	30.51				
4620.00	30.22		6450.00	30.51				
4650.00	30.23		6480.00	30.52				
4680.00	30.24		6510.00	30.52				
4710.00	30.27		6540.00	30.52				
4740.00	30.27		6570.00	30.53				
4770.00	30.26		6600.00	30.52				
4800.00	30.28		6630.00	30.52				
4830.00	30.29		6660.00	30.51				
4860.00	30.30		6690.00	30.51				
4890.00	30.30		6720.00	30.51				
4920.00	30.32		6750.00	30.50				
4950.00	30.34		6780.00	30.50				
4980.00	30.34		6810.00	30.50				
5010.00	30.35		6840.00	30.51				
5040.00	30.37		6870.00	30.51				
5070.00	30.38		6900.00	30.52				
5100.00	30.38		6930.00	30.52				
5130.00	30.39		6960.00	30.52				
5160.00	30.40		6990.00	30.53				
5190.00	30.42		7020.00	30.53				
5220.00	30.43		7050.00	30.54				
5250.00	30.43		7080.00	30.53				
5280.00	30.44		7110.00	30.53				
5310.00	30.44		7140.00	30.54				
5340.00	30.44		7170.00	30.54				
5370.00	30.45		7200.00	30.54				
5400.00	30.45		7230.00	30.54				
5430.00	30.46		7260.00	30.53				
5460.00	30.47		7290.00	30.52				
5490.00	30.48		7320.00	30.52				
5520.00	30.48							
5550.00	30.48							
5580.00	30.48							

SITE 2

ALLUVIAL PUMPING TEST

OBSERVATION WELL No. OB5691
Hydrostratigraphic Unit: Alluvium (Qrf)
Filter Pack/Screened Interval. 23 0 ft. to 35 2 ft.
Distance to Pumping Well 8 3 Well ID 2
Note Real Time Start of Test = 9 17
Logger Time Start of Test = 9 17

SE1000B
Environmental Logger
06/24 08 17

Unit# 11491 Test# 0

INPUT 2 Level (F) TOC

Reference 24 44
Scale factor 10 04
Offset 0 09

Step# 0 06/23 09 17

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
0 0000	24 17		0 8333	24 17		18 0000	24 30	
0 0033	24 17		0 9167	24 17		20.0000	24.30	
0 0066	24 17		1 0000	24 17		22.0000	24 30	
0 0099	24.17		1 0833	24 18		24.0000	24 32	
0 0133	24 17		1 1667	24 17		26.0000	24 31	
0 0166	24 17		1 2500	24 17		28 0000	24 32	
0 0200	24 16		1 3333	24.17		30.0000	24.31	
0 0233	24 16		1 4166	24 18		32.0000	24 33	
0 0266	24 17		1 5000	24.18		34.0000	24 33	
0 0300	24 17		1 5833	24 16		36.0000	24 34	
0 0333	24 17		1 6667	24 19		38.0000	24.34	
0 0500	24 17		1 7500	24 18		40 0000	24 35	
0 0666	24 17		1 8333	24 17		42.0000	24 36	
0 0833	24.17		1 9167	24 17		44 0000	24 35	
0 1000	24 16		2 0000	24 18		46.0000	24 35	
0 1166	24 16		2.5000	24 19		48 0000	24 35	
0 1333	24 17		3 0000	24 19		50 0000	24 36	
0 1500	24.17		3 5000	24 19		52.0000	24 36	
0 1666	24 18		4 0000	24 20		54 0000	24 35	
0 1833	24 17		4 5000	24 22		56 0000	24 37	
0 2000	24 18		5 0000	24 22		58 0000	24 36	
0 2166	24 17		5 5000	24 22		60 0000	24 37	
0 2333	24 17		6 0000	24 24		62.0000	24 37	
0 2500	24.16		6 5000	24 23		64 0000	24 37	
0 2666	24 16		7 0000	24 23		66.0000	24 37	
0 2833	24 17		7.5000	24 23		68 0000	24 37	
0 3000	24 16		8 0000	24 24		70 0000	24 37	
0 3166	24 16		8 5000	24 24		72.0000	24 43	
0 3333	24 17		9 0000	24 24		74 0000	24 40	
0 4167	24 16		9 5000	24 24		76 0000	24 39	
0 5000	24 16		10 0000	24.25		78 0000	24 39	
0 5833	24 16		12 0000	24.25		80 0000	24 40	
0 6667	24 16		14 0000	24 28		82.0000	24 40	
0 7500	24 16		16 0000	24.28		84 0000	24 41	

Elapsed Time	Value	Hand Meas
86 0000	24 41	
88 0000	24 40	
90 0000	24 41	
92 0000	24 42	
94 0000	24 40	
96 0000	24 40	
98 0000	24 40	
100.000	24 40	
110.000	24 41	
120.000	24 42	
130.000	24 43	
140.000	24 44	
150.000	24 44	
160.000	24 44	
170 000	24 47	
180.000	24 46	
190.000	24.51	
200.000	24 47	
210.000	24 47	
220.000	24 48	
230.000	24 49	
240.000	24 48	
250.000	24 49	
260.000	24 49	
270.000	24 49	
280.000	24.50	
290.000	24.50	
300.000	24.50	
310.000	24.50	
320.000	24.51	
330.000	24.50	
340 000	24.51	
350.000	24.52	
360.000	24.51	
370.000	24.53	
380.000	24.52	
390 000	24.52	
400.000	24.53	
410.000	24.56	
420.000	24.53	
430.000	24.54	
440.000	24 55	
450.000	24.55	
460.000	24 75	
470.000	24 76	
480.000	24 76	
490.000	24 75	
500.000	24 75	
510.000	24 75	
520.000	24 74	
530.000	24 74	
540.000	24 75	
550.000	24 75	
560.000	24 76	
570.000	24 76	
580.000	24 76	
590.000	24 77	
600 000	24 77	
610.000	24 77	
620.000	24 77	
630.000	24 77	
640.000	24 77	
650.000	24 77	
660.000	24 77	
670.000	24 77	
680.000	24 77	
690.000	24 77	
700.000	24 77	
710.000	24 78	
720.000	24 78	
730.000	24 78	
740.000	24 79	
750.000	24 79	
760.000	24 79	
770.000	24 79	
780.000	24 79	
790.000	24 79	
800.000	24 79	
810.000	24 79	
820.000	24 79	
830.000	24 79	
840.000	24 80	
850.000	24 79	
860.000	24 79	
870.000	24 79	
880.000	24 80	
890.000	24 80	
900.000	24 79	
910.000	24 79	
920.000	24 79	
930.000	24 79	
940.000	24 80	
950.000	24 80	
960.000	24 80	
970.000	24 80	
980.000	24 79	
990.000	24 79	
1000 00	24 79	
1100 00	24 80	
1200 00	24 82	
1300 00	24 88	

Elapsed Time	Value	Hand Meas

Site 2
Operable Unit No 2

Well 05691
File 11

SE1000B
Environmental Logger
06/25 10 01

Unit# 11491 Test# 0

INPUT 2 Level (F) TOC

Reference 24 93
Scale factor 10 04
Offset 0 09

Step# 0 06/24 08 23

El p d T m	V l	H d M	El psed T m	V l e	Hand Mea	Elapsed Time	Value	Hand Meas
0 0000	24 92	24 93	1260 00	24 74				
30 0000	24 93		1290 00	24 75				
60 0000	24 93		1320 00	24 75				
90 0000	24 93		1350 00	24 75				
120 000	24 93		1380 00	24 76	24 74			
150 000	24 92		1410 00	24 76				
180 000	24 93		1440 00	24 76				
210 000	24 92		1470 00	24 77				
240 000	24 93	24 92	1500 00	24 77				
270 000	24 93		1530 00	24 76	24 72			
300 000	24 94							
330 000	24 95							
360 000	24 96							
390 000	24 97							
420 000	24 95							
450 000	24 96	24 97						
480 000	24 96							
510 000	24 99							
540 000	25 00							
570 000	25 00							
600 000	24 97							
630 000	24 91							
660 000	24 90							
690 000	24 86							
720 000	24 86							
750 000	24 85							
780 000	24 84							
810 000	24 81							
840 000	24 80							
870 000	24 79							
900 000	24 78							
930 000	24 77							
960 000	24 78							
990 000	24 79							
1020 00	24 80							
1050 00	24 80							
1080 00	24 79							
1110 00	24 77							
1140 00	24 76							
1170 00	24 75							
1200 00	24 74							
1230 00	24 74							

SITE 2

11491

OBSERVATION WELL No. OB11491
Hydrostratigraphic Unit. Alluvium (Qrf)
Filter Pack/Screened Interval. 8 0 ft to 25 3 ft.
Distance to Pumping Well 23 9 Well ID 2
Note Real Time Start of Test = 9 17
Logger Time Start of Test = 9 17

SE1000B
Environmental Logger
06/24 08 14

Unit# 11491 Test# 0

INPUT 1 Level (F) TOC

Reference 25 00
Scale factor 10 03
Offset 0 20

Step# 0 06/23 09 17

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	24 83		0 8333	24.82		18 0000	24 83	
0 0033	24 82		0 9167	24 82		20 0000	24 82	
0 0066	24 83		1 0000	24 82		22.0000	24 83	
0 0099	24.83		1 0833	24 82		24 0000	24 84	
0 0133	24 84		1 1667	24 82		26.0000	24 83	
0 0166	24.83		1 2500	24 82		28 0000	24 84	
0 0200	24.83		1 3333	24.82		30 0000	24 83	
0 0233	24.84		1 4166	24 82		32.0000	24 82	
0 0266	24 84		1.5000	24 82		34 0000	24 83	
0 0300	24 84		1.5833	24 82		36.0000	24 83	
0 0333	24 83		1 6667	24 82		38 0000	24 83	
0 0500	24.84		1 7500	24 82		40 0000	24 83	
0 0666	24 83		1 8333	24 81		42.0000	24 83	
0 0833	24 83		1 9167	24 82		44 0000	24 83	
0 1000	24 83		2 0000	24 82		46.0000	24 84	
0 1166	24 83		2.5000	24 82		48 0000	24 84	
0 1333	24 83		3 0000	24 82		50 0000	24 84	
0 1500	24 84		3 5000	24 82		52.0000	24 84	
0 1666	24 83		4 0000	24 82		54 0000	24 84	
0 1833	24 83		4 5000	24 82		56 0000	24 84	
0 2000	24 83		5 0000	24 82		58 0000	24 84	
0 2166	24 83		5 5000	24 82		60 0000	24 84	
0 2333	24 83		6 0000	24 83		62 0000	24 84	
0 2500	24 83		6 5000	24 82		64 0000	24 84	
0 2666	24 82		7 0000	24 82		66.0000	24 84	
0 2833	24 83		7.5000	24 82		68 0000	24 84	
0 3000	24 82		8 0000	24 82		70 0000	24 84	
0 3166	24 83		8 5000	24 82		72 0000	24 86	
0 3333	24 83		9 0000	24 83		74 0000	24 86	
0 4167	24 82		9.5000	24 82		76 0000	24 85	
0 5000	24 82		10 0000	24 82		78 0000	24 85	
0 5833	24 83		12 0000	24 82		80 0000	24 85	
0 6667	24 82		14 0000	24 83		82.0000	24 85	
0 7500	24 83		16 0000	24 83		84 0000	24 86	

Elapsed Time	Value	Hand Meas
86.0000	24 86	
88 0000	24.86	
90 0000	24 86	
92 0000	24 86	
94 0000	24 85	
96.0000	24 86	
98 0000	24 85	
100.000	24 85	
110.000	24.86	
120.000	24 86	
130.000	24 87	
140.000	24 87	
150.000	24 87	
160.000	24 88	
170.000	24 88	
180.000	24.88	
190.000	24 91	
200.000	24 89	
210.000	24 90	
220.000	24 89	
230.000	24 90	
240.000	24 90	
250.000	24 90	
260.000	24 91	
270.000	24 91	
280.000	24 91	
290.000	24 92	
300.000	24 92	
310.000	24 92	
320.000	24 93	
330.000	24 93	
340.000	24 93	
350.000	24 93	
360.000	24 93	
370.000	24 93	
380.000	24 93	
390.000	24 93	
400.000	24 94	
410.000	24 96	
420.000	24 94	
430.000	24 95	
440 000	24 96	
450.000	24 95	
460.000	25 11	
470 000	25 11	
480.000	25 11	
490.000	25 11	
500.000	25 11	
510.000	25 11	
520.000	25 11	
530.000	25 12	
540.000	25 12	
550.000	25 12	
560.000	25 12	
570.000	25 12	
580.000	25 12	
590 000	25 12	
600.000	25 13	
610.000	25 13	
620.000	25 13	
630 000	25 13	

Elapsed Time	Value	Hand Meas
640.000	25 13	
650.000	25 14	
660.000	25 14	
670.000	25 14	
680.000	25 14	
690.000	25 14	
700.000	25 14	
710.000	25 15	
720.000	25 15	
730.000	25 15	
740.000	25 15	
750.000	25 15	
760.000	25 16	
770.000	25 16	
780.000	25 16	
790.000	25 16	
800.000	25 16	
810.000	25 16	
820.000	25 17	
830.000	25 17	
840.000	25 17	
850.000	25 17	
860.000	25 17	
870.000	25 17	
880.000	25 17	
890.000	25 18	
900.000	25 18	
910.000	25 18	
920.000	25 18	
930.000	25 18	
940.000	25 18	
950.000	25 18	
960.000	25 18	
970.000	25 18	
980.000	25 18	
990.000	25 18	
1000 00	25 18	
1100 00	25 19	
1200 00	25 19	
1300 00	25 21	

Elapsed Time	Value	Hand Meas.

SE1000B
Environmental Logger
06/25 10 00

Unit# 11491 Test# 0

INPUT 1 Level (F) TOC

Reference 25 25
Scale factor 10 03
Offset 0 20

Step# 0 06/24 08 23

El p d T me	Value	H nd M as	Elapsed T me	Value	Hand Meas	Elapsed T me	Value	Hand Meas
0 0000	25 25	25 25	1260 00	25 27				
30 0000	25 25		1290 00	25 27				
60 0000	25 26		1320 00	25 27				
90 0000	25 26		1350 00	25 27				
120 000	25 27		1380 00	25 27	25 28			
150 000	25 27		1410 00	25 27				
180 000	25 27		1440 00	25 27				
210 000	25 27		1470 00	25 27				
240 000	25 28	25 27	1500 00	25 28				
270 000	25 28		1530 00	25 28	25 28			
300 000	25 28							
330 000	25 28							
360 000	25 28							
390 000	25 29							
420 000	25 29							
450 000	25 29	25 31						
480 000	25 30							
510 000	25 30							
540 000	25 30							
570 000	25 31							
600 000	25 31							
630 000	25 32							
660 000	25 32							
690 000	25 33							
720 000	25 33							
750 000	25 33							
780 000	25 33							
810 000	25 33							
840 000	25 32							
870 000	25 32							
900 000	25 31							
930 000	25 31							
960 000	25 30							
990 000	25 30							
1020 00	25 30							
1050 00	25 30							
1080 00	25 30							
1110 00	25 30							
1140 00	25 29							
1170 00	25 29							
1200 00	25 28							
1230 00	25 28							

OBSERVATION WELL No. OB12491
Hydrostratigraphic Unit. Arapahoe Sandstone
Filter Pack/Screened Interval. 41 7 ft. to 60 0 ft
Distance to Pumping Well Well ID 2
Note Real Time Start of Test = 9 17
Logger Time Start of Test = 9 17

SE1000B
Environmental Logger
06/24 08 29

Unit# 12491 Test# 0

INPUT 1 Level (F) TOC

Reference 24 38
Scale factor 10 02
Offset 0 02

Step# 0 06/23 09 17

Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.
0 0000	24 38		0 9167	24 37		22.0000	24 38	
0 0033	24 38		1 0000	24 38		24 0000	24 38	
0 0066	24 37		1 0833	24 38		26.0000	24 38	
0 0099	24 38		1 1667	24 38		28.0000	24 38	
0 0133	24 38		1.2500	24 38		30 0000	24.38	
0 0166	24.38		1 3333	24.38		32.0000	24 38	
0 0200	24.38		1 4166	24 38		34 0000	24 38	
0 0233	24 38		1.5000	24.38		36.0000	24 38	
0 0266	24 38		1.5833	24 38		38 0000	24.38	
0 0300	24 38		1 6667	24.38		40 0000	24 38	
0 0333	24 38		1 7500	24 38		42.0000	24 38	
0 0500	24.38		1 8333	24 38		44 0000	24.38	
0 0666	24.38		1 9167	24 38		46.0000	24 38	
0 0833	24 38		2 0000	24 38		48 0000	24 38	
0 1000	24 38		2.5000	24 37		50 0000	24 38	
0 1166	24 38		3 0000	24 37		52 0000	24 38	
0 1333	24 38		3.5000	24 38		54 0000	24 38	
0 1500	24 38		4 0000	24 37		56 0000	24 38	
0 1666	24.38		4.5000	24 37		58 0000	24 38	
0 1833	24 38		5 0000	24 38		60 0000	24 38	
0.2000	24 38		5.5000	24.37		62.0000	24 39	
0 2166	24 38		6 0000	24 38		64 0000	24 39	
0 2333	24 38		6.5000	24.38		66.0000	24 39	
0.2500	24 38		7 0000	24.38		68 0000	24 39	
0 2666	24 38		7 5000	24 38		70 0000	24 39	
0 2833	24 38		8 0000	24 38		72.0000	24 39	
0 3000	24 38		8.5000	24 38		74 0000	24 39	
0 3166	24 38		9 0000	24 38		76 0000	24 39	
0 3333	24 38		9 5000	24 37		78 0000	24 39	
0 4167	24 38		10 0000	24 38		80 0000	24 39	
0 5000	24 38		12 0000	24 38		82.0000	24 39	
0 5833	24 38		14 0000	24 38		84 0000	24 39	
0 6667	24 38		16.0000	24 38		86.0000	24 39	
0 7500	24 38		18 0000	24 38		88 0000	24 39	
0 8333	24 38		20 0000	24 38		90 0000	24 39	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
92.0000	24 39		670.000	24 46				
94 0000	24 39		680.000	24 46				
96 0000	24 39		690.000	24 46				
98 0000	24.39		700.000	24 46				
100.000	24 39	24 42	710.000	24 46				
110.000	24 40		720.000	24 46				
120.000	24 40		730.000	24 46				
130.000	24 40		740.000	24 46				
140.000	24 40		750.000	24 47				
150.000	24 40		760.000	24 47				
160.000	24 40		770.000	24 47				
170.000	24 41		780.000	24 47				
180.000	24 41		790.000	24 47				
190.000	24 41		800.000	24 47				
200.000	24 41	24 43	810.000	24 47				
210.000	24 41		820.000	24 47				
220.000	24 41		830.000	24 47				
230.000	24 41		840.000	24 47				
240.000	24 42		850.000	24 47				
250.000	24 42		860.000	24 47				
260.000	24 42		870.000	24 47				
270 000	24 42		880.000	24 47				
280.000	24 42		890.000	24 48				
290.000	24 42		900.000	24 48				
300.000	24 42		910.000	24 48				
310.000	24 43	24 45	920.000	24 48				
320.000	24 43		930.000	24 48				
330.000	24 42		940.000	24 48				
340.000	24 42		950.000	24 48				
350.000	24 43		960.000	24 48				
360.000	24 43		970.000	24 48				
370.000	24 43		980.000	24 48				
380.000	24 43		990.000	24 48				
390.000	24 43		1000 00	24 48				
400.000	24 43		1100 00	24 48				
410.000	24 43		1200 00	24 49				
420.000	24 43		1300 00	24.50				
430.000	24 43							
440.000	24 43	24 47						
450.000	24 44							
460.000	24 44							
470.000	24 44							
480.000	24 44							
490.000	24 44							
500.000	24 45							
510.000	24 45							
520.000	24 45							
530.000	24 45							
540.000	24 45							
550 000	24 45							
560 000	24 45							
570.000	24 45							
580.000	24 45							
590.000	24 45							
600.000	24 45							
610 000	24 46							
620.000	24 46							
630.000	24 46							
640.000	24 46							
650 000	24 46							
660.000	24 46							

SE1000B
Environmental Logger
06/25 10 08

Unit# 12491 Test# 0

INPUT 1 Level (F) TOC

Reference 24 56
Scale factor 10 02
Offset 0 02

Step# 0 06/24 08 36

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
0 0000	24 56	24 56	1260 00	24 58				
30 0000	24 56		1290 00	24 58				
60 0000	24 56		1320 00	24 58				
90 0000	24 56		1350 00	24 58				
120 000	24 56		1380 00	24 58				
150 000	24 57		1410 00	24 58				
180 000	24 57		1440 00	24 58				
210 000	24 56		1470 00	24 57				
240 000	24 56	24 56	1500 00	24 59	24 62			
270 000	24 56							
300 000	24 56							
330 000	24 57							
360 000	24 58							
390 000	24 58							
420 000	24 58	24 6						
450 000	24 58							
480 000	24 59							
510 000	24 59							
540 000	24 60							
570 000	24 60							
600 000	24 60							
630 000	24 60							
660 000	24 60							
690 000	24 60							
720 000	24 60							
750 000	24 60							
780 000	24 59							
810 000	24 59							
840 000	24 59							
870 000	24 59							
900 000	24 58							
930 000	24 58							
960 000	24 58							
990 000	24 58							
1020 00	24 58							
1050 00	24 58							
1080 00	24 58							
1110 00	24 58							
1140 00	24 58							
1170 00	24 58							
1200 00	24 58							
1230 00	24 58							

OBSERVATION WELL No OB20191
Hydrostratigraphic Unit. Arapahoe Sandstone
Filter Pack/Screened Interval. 33 9 ft. to 59 ft.
Distance to Pumping Well NA Well ID 2
Note Real Time Start of Test = 9 17
Logger Time Start of Test = 9 17

SE1000B
Environmental Logger
06/24 07 31

Unit# 00000 Test# 0

INPUT 2 Level (F) TOC

Reference 24 42
Scale factor 10 03
Offset 0 01

Step# 0 06/23 09 17

Elaps d Time	Value	Hand Meas	Elapsed Time	Valu	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	24 20		1 0000	24 19		26.0000	24 17	
0 0033	24 20		1 0833	24 19		28 0000	24 17	
0 0066	24 20		1 1667	24 19		30.0000	24 18	
0 0099	24 19		1 2500	24 20		32.0000	24 18	
0 0133	24 19		1 3333	24 18		34 0000	24 19	
0 0166	24 20		1 4166	24 19		36.0000	24 18	
0 0200	24 20		1 5000	24 19		38 0000	24 18	
0 0233	24 19		1.5833	24 18		40 0000	24 18	
0 0266	24 20		1 6667	24 18		42.0000	24 18	
0 0300	24 19		1 7500	24 18		44 0000	24 18	
0 0333	24 19		1 8333	24 18		46.0000	24 18	
0 0500	24 19		1 9167	24 18		48 0000	24 19	
0 0666	24 19		2 0000	24 19		50 0000	24 18	
0 0833	24 20		2.5000	24 17		52.0000	24 19	
0 1000	24 19		3 0000	24 18		54 0000	24 18	
0 1166	24 19		3 5000	24 18		56.0000	24 19	
0 1333	24 19		4 0000	24 17		58 0000	24 19	
0 1500	24 18		4 5000	24 17		60 0000	24 18	
0 1666	24 19		5 0000	24 17		62.0000	24 19	
0 1833	24 19		5 5000	24 17		64 0000	24 19	
0 2000	24 19		6 0000	24 17		66.0000	24 19	
0 2166	24 19		6 5000	24 17		68 0000	24.20	
0 2333	24 19		7 0000	24 17		70 0000	24 19	
0 2500	24 19		7 5000	24 17		72.0000	24 19	
0 2666	24 19		8 0000	24 17		74 0000	24.20	
0 2833	24 19		8 5000	24 17		76.0000	24 19	
0 3000	24 19		9 0000	24 17		78 0000	24 20	
0 3166	24 19		9 5000	24 17		80 0000	24 20	
0 3333	24 20		10 0000	24 17		82 0000	24 20	
0 4167	24 19		12 0000	24 16		84 0000	24.20	
0 5000	24 19		14 0000	24 17		86.0000	24 18	
0 5833	24 19		16 0000	24 17		88 0000	24 19	
0 6667	24 19		18 0000	24 16		90 0000	24 21	
0 7500	24 18		20 0000	24 17		92.0000	24 20	
0 8333	24 19		22 0000	24 17		94 0000	24 20	
0 9167	24 19		24 0000	24 17		96 0000	24 20	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
98 0000	24 19		710.000	24 05				
100 000	24.20		720.000	24 04				
110.000	24.21		730.000	24.06				
120.000	24.22		740.000	24 06				
130.000	24.22		750.000	24 07				
140.000	24.21		760.000	24 07				
150.000	24.22		770.000	24 07				
160.000	24.22		780.000	24 05				
170.000	24.22		790.000	24 07				
180.000	24.22		800.000	24 07				
190.000	24.22		810.000	24 04				
200.000	24 23		820.000	24 07				
210.000	24.24		830.000	24 06				
220.000	24.24		840.000	24 04				
230.000	24.24		850.000	24 07				
240.000	24.25		860.000	24 07				
250.000	24.24		870.000	24 09				
260.000	24.26		880.000	24 08				
270.000	24.25		890.000	24 08				
280.000	24.25		900.000	24.08				
290.000	24.25		910.000	24.09				
300.000	24.25		920.000	24 06				
310 000	24.25		930.000	24 10				
320 000	24.26		940.000	24 07				
330.000	24.25		950.000	24 10				
340 000	24 26		960.000	24 07				
350 000	24.26		970.000	24 06				
360 000	24.26		980.000	24 07				
370.000	24.27		990.000	24 10				
380 000	24.27		1000 00	24 10				
390.000	24.27		1100 00	24 08				
400.000	24.27		1200 00	24 15				
410.000	24.26		1300.00	24 15				
420.000	24.28							
430.000	24.28							
440.000	24.27							
450.000	24.28							
460 000	24 09							
470 000	24 10							
480 000	23 98							
490 000	24 00							
500 000	24 01							
510 000	24 01							
520 000	24 02							
530 000	24 03							
540.000	24 02							
550 000	24 01							
560 000	24 03							
570 000	24 02							
580.000	24 01							
590.000	24 00							
600.000	24 04							
610.000	24 01							
620 000	24 02							
630 000	24 04							
640 000	24 04							
650 000	24 04							
660 000	24 04							
670 000	24 05							
680.000	24 06							
690 000	24 05							
700 000	24 05							

SE1000B
Environmental Logger
06/25 08 07

Unit# 00000 Test# 0

INPUT 2 Level (F) TOC

Reference 24 65
Scale factor 10 03
Offset 0 01

Step# 0 06/24 07 46

Elapsed T me	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	24 64	24 65	1260 00	25 10				
30 0000	24 65		1290 00	25 09				
60 0000	24 66		1320 00	25 09				
90 0000	24 66		1350 00	25 10	24 68			
120 000	24 66		1380 00	25 10				
150 000	24 69		1410 00	25 10	24 68			
180 000	24 66		1440 00	25 10				
210 000	24 70							
240 000	24 68							
270 000	24 69	24 67						
300 000	24 70							
330 000	24 72							
360 000	24 71							
390 000	24 74							
420 000	24 73							
450 000	24 77							
480 000	24 69							
510 000	24 71	24 7						
540 000	24 74							
570 000	24 72							
600 000	24 73							
630 000	24 66							
660 000	24 62							
690 000	24 62							
720 000	25 14							
750 000	25 14							
780 000	25 14							
810 000	25 14							
840 000	25 12							
870 000	25 12							
900 000	25 12							
930 000	25 11							
960 000	25 11							
990 000	25 10							
1020 00	25 11							
1050 00	25 11							
1080 00	25 11							
1110 00	25 11							
1140 00	25 10							
1170 00	25 10							
1200 00	25 10							
1230 00	25 09							

Site 2
Operable Unit No 2

Well OB 20191
File 12

PUMPING WELL No. OB20291
Hydrostratigraphic Unit. Alluvium (Qrf)
Filter Pack/Screened Interval. 16 ft. to 33 3 ft.
Distance to Pumping Well NA Well ID 2
Note Real Time Start of Test = 9 17
Logger Time Start of Test = 9 17

SE1000B
Environmental Logger
06/24 07 26

Unit# 00000 Test# 0

INPUT 1 Level (F) TOC

Reference 24 48
Scale factor 10 02
Offset 0 02

Step# 0 06/23 09 17

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.	Elapsed Time	Value	Hand Meas.
0 0000	24 76		0 9167	25 01		22.0000	25 65	
0 0033	24 76		1 0000	25 02		24 0000	25 67	
0 0066	24 77		1 0833	25 02		26.0000	25 70	
0 0099	24 77		1 1667	25 03		28 0000	25 71	
0 0133	24 76		1.2500	25 04		30.0000	25 72	
0 0166	24 77		1 3333	25 04		32.0000	25 75	
0 0200	24 77		1 4166	25 05		34 0000	25 77	
0 0233	24 77		1.5000	25 06		36.0000	25 76	
0 0266	24 78		1.5833	25 08		38 0000	25 75	
0 0300	24 78		1 6667	25 07		40 0000	25 77	25.64
0 0333	24 79		1 7500	25 09		42.0000	25 77	
0 0500	24 80		1 8333	25 09		44 0000	25 78	
0 0666	24 80		1 9167	25 10		46.0000	25 78	
0 0833	24 81		2 0000	25 11		48 0000	25 79	
0 1000	24 82		2.5000	25 14		50 0000	25 80	
0 1166	24 83		3 0000	25 16	25 0	52.0000	25 80	
0 1333	24 84		3.5000	25 22		54 0000	25 80	
0 1500	24 84		4 0000	25 24	25 1	56 0000	25 82	
0 1666	24 84		4 5000	25 27		58 0000	25 82	
0 1833	24 85		5 0000	25 29		60 0000	25 83	
0 2000	24 87		5 5000	25 31		62.0000	25 84	
0 2166	24 88		6 0000	25 33	25 18	64 0000	25 85	
0 2333	24 88		6.5000	25 34		66.0000	25 85	
0 2500	24 88		7 0000	25 36	25 24	68 0000	25 84	
0 2666	24 88		7 5000	25 37		70 0000	25 84	25 73
0 2833	24 90		8 0000	25 38		72.0000	25 85	
0 3000	24 90		8.5000	25 41		74 0000	25 85	
0 3166	24 90		9 0000	25 41	25 3	76.0000	25 86	
0 3333	24 91		9 5000	25 44		78 0000	25 87	
0 4167	24 93		10 0000	25 44		80 0000	25 87	
0 5000	24 95		12 0000	25.51		82 0000	25 88	
0 5833	24 95		14 0000	25 56		84 0000	25 88	
0 6667	24 96		16 0000	25.59		86 0000	25 88	
0 7500	24 97		18 0000	25 60		88 0000	25 89	
0 8333	24 99		20 0000	25 64		90 0000	25 89	25 78

Elapsed Time	Value	Hand Meas
92 0000	25 90	
94 0000	25 90	
96 0000	25 90	
98 0000	25 91	
100.000	25 92	25 83
110.000	25 94	
120.000	25 97	
130.000	26.01	25 91
140.000	26 02	25 91
150.000	26.05	
160.000	26.08	
170.000	26.10	25 98
180.000	26.12	
190.000	26.12	26.03
200.000	26.15	26 06
210.000	26.18	
220.000	26.18	
230.000	26.20	26 11
240.000	26.23	
250.000	26.25	
260.000	26.25	26 16
270.000	26.29	
280.000	26.31	
290.000	26.34	26.25
300.000	26.34	
310.000	26.35	
320.000	26.37	
330.000	26.39	26.28
340.000	26.41	
350.000	26 43	26 34
360.000	26.42	
370.000	26.44	26 34
380.000	26.45	
390.000	26.46	
400.000	26.47	26 38
410.000	26 46	
420.000	26.52	
430.000	26.55	26 44
440.000	26.54	26 46
450 000	26.55	
460.000	26.53	
470.000	26.55	
480.000	26.57	
490.000	26.55	
500.000	26.56	
510.000	26.58	
520.000	26.60	
530 000	26 63	
540 000	26.63	
550 000	26.65	
560.000	26.67	
570.000	26.71	
580.000	26.71	
590 000	26 76	
600.000	26 75	
610.000	26.75	
620 000	26 77	
630.000	26.78	
640.000	26 80	
650 000	26 80	
660.000	26.83	
670.000	26.84	
680.000	26 86	
690.000	26 88	
700.000	26 88	
710.000	26 89	
720.000	26.91	
730.000	26 92	
740.000	26 96	
750.000	26 96	
760.000	26.97	
770.000	26.99	
780.000	27 01	
790.000	27 04	
800.000	27 03	
810.000	27 06	
820.000	27 08	
830.000	27 07	
840.000	27 09	
850.000	27 10	
860.000	27 14	
870.000	27 17	
880.000	27 17	
890.000	27 19	
900.000	27 20	
910.000	27 20	
920.000	27.25	
930.000	27.24	
940.000	27.27	
950.000	27.27	
960.000	27 30	
970.000	27 30	
980.000	27.29	
990.000	27.29	
1000.00	27.33	
1100 00	27.58	
1200 00	27 65	
1300 00	27 85	27 82

Elapsed Time	Value	Hand Meas

SE1000B
Environmental Logger
06/25 08 05

Unit# 00000 Test# 0

INPUT 1 Level (F) TOC

Reference 27 88
Scale factor 10 02
Offset 0 02

Step# 0 06/24 07 46

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	27 88	27 88	1260 00	24 66				
30 0000	27 87		1290 00	24 65				
60 0000	27 94		1320 00	24 66				
90 0000	27 96		1350 00	24 66				
120 000	27 98		1380 00	24 66				
150 000	28 05		1410 00	24 67	24 75			
180 000	27 92		1440 00	24 68	24 8			
210 000	28 00							
240 000	28 03							
270 000	28 02	28 02						
300 000	28 10	28 08						
330 000	28 12	28 08						
360 000	28 15	28 16						
390 000	28 21	28 21						
420 000	28 35	28 38						
450 000	28 36	28 37						
480 000	28 43	28 45						
510 000	28 45	28 58						
540 000	28 46	28 66						
570 000	28 48	28 91						
600 000	28 47	29 0						
630 000	27 00							
660 000	26 49							
690 000	26 43	26 43						
720 000	25 09							
750 000	24 86							
780 000	24 80							
810 000	24 77							
840 000	24 74							
870 000	24 73							
900 000	24 71							
930 000	24 71							
960 000	24 69							
990 000	24 68							
1020 00	24 69							
1050 00	24 70							
1080 00	24 71							
1110 00	24 70							
1140 00	24 69							
1170 00	24 67							
1200 00	24 67							
1230 00	24 66							

OBSERVATION WELL OB21191
Hydrostratigraphic Unit Arapahoe Sandstone
Filter Pack/Screened Interval 29 0 ft. to 58 0 ft.
Distance to Pumping Well 15 5 Well ID 2
Note Real Time Start of Test = 9 17
Logger Time Start of Test = 9 17

SE1000B
Environmental Logger
06/24 07 55

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 24 39
Scale factor 10 13
Offset 0 01

Step# 0 06/23 09 17

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	24 38		0.5000	24 38		8 0000	24 39	
0 0033	24 38		0.5833	24 38		8.5000	24 39	
0 0066	24 38		0 6667	24 38		9 0000	24 39	
0 0099	24 38		0 7500	24 38		9.5000	24 39	
0 0133	24 38		0 8333	24 38		10 0000	24 39	
0 0166	24 38		0 9167	24 38		12.0000	24 39	
0 0200	24.38		1 0000	24 38		14 0000	24 40	
0 0233	24 38		1 0833	24.38		16 0000	24 40	
0 0266	24.38		1 1667	24.38		18 0000	24 41	
0 0300	24 38		1 2500	24 38		20 0000	24 41	
0 0333	24 38		1 3333	24 38		22.0000	24 41	
0 0500	24 38		1 4166	24 38		24 0000	24 42	
0 0666	24 38		1.5000	24.38		26.0000	24 42	
0 0833	24.38		1 5833	24 38		28 0000	24 42	
0 1000	24 38		1 6667	24 38		30 0000	24 43	
0 1166	24 38		1 7500	24 38		32 0000	24 43	
0 1333	24 38		1 8333	24 38		34 0000	24 43	
0 1500	24 38		1 9167	24 38		36 0000	24 44	
0 1666	24 38		2.0000	24 38		38 0000	24 44	
0 1833	24 38		2.5000	24 38		40 0000	24 44	
0 2000	24 38		3 0000	24 38		42 0000	24 45	
0 2166	24 38		3.5000	24 38		44 0000	24 45	
0 2333	24 38		4 0000	24 38		46 0000	24 45	
0 2500	24 38		4.5000	24 38		48 0000	24 46	
0 2666	24 38		5 0000	24 38		50 0000	24 46	
0 2833	24 38		5 5000	24 38		52 0000	24 46	
0 3000	24 38		6 0000	24 38		54 0000	24 46	
0 3166	24 38		6 5000	24 38		56 0000	24 46	
0 3333	24 38		7 0000	24 39		58.0000	24 47	
0 4167	24 38		7 5000	24 39		60 0000	24 47	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
62.0000	24 47		520.000	24 60				
64 0000	24 47		530.000	24 60				
66.0000	24 47		540.000	24 60				
68 0000	24 47		550.000	24 61				
70 0000	24 47		560.000	24 61				
72.0000	24 47		570.000	24 61				
74 0000	24 48		580.000	24 61				
76.0000	24 48		590.000	24 62				
78 0000	24 48		600.000	24 62				
80 0000	24 48		610.000	24 62				
82.0000	24 48		620.000	24 63				
84 0000	24 48		630.000	24 63				
86.0000	24 48		640.000	24.63				
88 0000	24 48		650.000	24 63				
90 0000	24 49		660.000	24 63				
92 0000	24 49		670.000	24 63				
94 0000	24 49		680.000	24 63				
96.0000	24 49		690.000	24 63				
98 0000	24 49		700.000	24 63				
100.000	24 49		710.000	24.63				
110.000	24.50		720.000	24 63				
120.000	24.50		730.000	24 63				
130.000	24.51		740.000	24 64				
140.000	24.51		750.000	24 64				
150.000	24.52		760.000	24 64				
160.000	24.52		770.000	24 65				
170.000	24.53		780.000	24 65				
180.000	24.53		790.000	24 65				
190.000	24.53		800.000	24 65				
200.000	24.54		810.000	24 65				
210.000	24.54		820.000	24 65				
220.000	24.54		830.000	24 65				
230.000	24.55		840.000	24 65				
240.000	24.55		850.000	24 65				
250.000	24.55		860.000	24 65				
260.000	24.55		870.000	24 65				
270.000	24.55		880.000	24.66				
280.000	24.56		890.000	24 66				
290.000	24.56		900.000	24 66				
300.000	24 56		910.000	24 66				
310.000	24.56		920.000	24 65				
320.000	24.57		930.000	24 66				
330.000	24.57		940.000	24 66				
340.000	24 56		950.000	24 66				
350 000	24.57		960.000	24 66				
360.000	24.57		970.000	24 66				
370.000	24.57		980.000	24 66				
380.000	24.58		990.000	24 66				
390.000	24.58		1000 00	24 66				
400.000	24.58		1100.00	24 66				
410.000	24.58		1200 00	24 68				
420.000	24 59		1300 00	24 71				
430.000	24.59							
440.000	24 59							
450.000	24.59							
460.000	24 60							
470 000	24 60							
480.000	24 60							
490 000	24 61							
500.000	24 61							
510.000	24 60							

SE1000B
Environmental Logger
06/25 09 42

Unit# 01008 Test# 0

INPUT 1 Level (F) TOC

Reference 24 76
Scale factor 10 13
Offset 0 01

Step# 0 06/24 08 05

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0 0000	24 76	24 76	1260 00	24 67				
30 0000	24 76		1290 00	24 67				
60 0000	24 76		1320 00	24 67				
90 0000	24 76		1350 00	24 68				
120 000	24 76		1380 00	24 68				
150 000	24 76		1410 00	24 68	24 69			
180 000	24 76		1440 00	24 68				
210 000	24 76		1470 00	24 68				
240 000	24 76		1500 00	24 68	24 69			
270 000	24 76	24 75						
300 000	24 76							
330 000	24 77							
360 000	24 78							
390 000	24 79							
420 000	24 79							
450 000	24 78							
480 000	24 79	24 8						
510 000	24 80							
540 000	24 82							
570 000	24 83							
600 000	24 83							
630 000	24 81							
660 000	24 78							
690 000	24 78							
720 000	24 75							
750 000	24 75							
780 000	24 75							
810 000	24 74							
840 000	24 72							
870 000	24 71							
900 000	24 70							
930 000	24 70							
960 000	24 69							
990 000	24 69							
1020 00	24 70							
1050 00	24 70							
1080 00	24 71							
1110 00	24 70							
1140 00	24 69							
1170 00	24 68							
1200 00	24 68							
1230 00	24 67							

SITE 2

OB20491

OBSERVATION WELL No OB20491
Hydrostratigraphic Unit Alluvium (Qrf)
Filter Pack/Screened Interval 14 6 ft to 32 1 ft.
Distance to Pumping Well 11 8 Well ID 2
Note Real Time Start of Test = 9 17
Logger Time Start of Test = 9 17

SE1000B
Environmental Logger
06/24 07 58

Unit# 01008 Test# 0

INPUT 2 Level (F) TOC

Reference 24 52
Scale factor 9 99
Offset 0 01

Step# 0 06/23 09 17

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed T me	Value	Hand Meas
0 0000	24 52		0.5000	24 52		8 0000	24 56	
0 0033	24 52		0.5833	24 52		8.5000	24 56	
0 0066	24 51		0 6667	24 52		9 0000	24 56	
0 0099	24 51		0 7500	24 52		9.5000	24 56	
0 0133	24 52		0 8333	24 52		10 0000	24 57	
0 0166	24 51		0 9167	24 52		12.0000	24.58	
0 0200	24 51		1 0000	24.52		14 0000	24 58	
0 0233	24 51		1 0833	24 52		16 0000	24.59	
0 0266	24 51		1 1667	24 52		18 0000	24.59	
0 0300	24 51		1 2500	24 52		20 0000	24 60	
0 0333	24 51		1 3333	24 52		22 0000	24 61	
0 0500	24 52		1 4166	24 52		24 0000	24 61	
0 0666	24 51		1 5000	24 52		26 0000	24 61	
0 0833	24 52		1.5833	24 52		28 0000	24 62	
0 1000	24 51		1 6667	24 52		30 0000	24 62	
0 1166	24 51		1 7500	24 52		32 0000	24 63	
0 1333	24 51		1 8333	24 52		34 0000	24 63	
0 1500	24 52		1 9167	24 52		36 0000	24 63	
0 1666	24 52		2 0000	24 52		38 0000	24 64	
0 1833	24 51		2 5000	24 53		40 0000	24 64	
0 2000	24 51		3 0000	24 53		42 0000	24 64	
0 2166	24 51		3 5000	24 53		44 0000	24 64	
0 2333	24 51		4 0000	24 53		46 0000	24 65	
0 2500	24 52		4 5000	24 54		48 0000	24 65	
0 2666	24 52		5 0000	24 54		50 0000	24 65	
0 2833	24 51		5 5000	24 54		52 0000	24 65	
0 3000	24 52		6 0000	24 55		54 0000	24 66	
0 3166	24 52		6.5000	24 55		56 0000	24 66	
0 3333	24 52		7 0000	24 55		58 0000	24 66	
0 4167	24 52		7 5000	24 55		60 0000	24 66	

Elapsed Time	Value	Hand Meas
62.0000	24 66	
64 0000	24 67	
66.0000	24 67	
68 0000	24 67	
70 0000	24 67	
72 0000	24 67	
74 0000	24 67	
76 0000	24 67	
78 0000	24 68	
80 0000	24 68	
82 0000	24 68	
84 0000	24 68	
86 0000	24 68	
88 0000	24 68	
90 0000	24 68	
92 0000	24 69	
94 0000	24.69	
96 0000	24 69	
98 0000	24 69	
100.000	24 69	
110.000	24 70	
120.000	24 70	
130.000	24 71	
140.000	24 71	
150.000	24 72	
160.000	24 72	
170.000	24 73	
180.000	24 73	
190.000	24 73	
200.000	24 74	
210.000	24 74	
220.000	24 74	
230.000	24 75	
240.000	24 75	
250 000	24 75	
260.000	24 75	
270.000	24 76	
280.000	24 76	
290.000	24 76	
300.000	24 76	
310.000	24 77	
320.000	24 77	
330.000	24 76	
340.000	24 77	
350.000	24 77	
360.000	24 77	
370.000	24 77	
380.000	24 78	
390.000	24 78	
400.000	24 78	
410.000	24 79	
420 000	24 79	
430 000	24 79	
440.000	24 79	
450 000	24 79	
460.000	24 80	
470.000	24 80	
480.000	24 80	
490 000	24 80	
500 000	24 80	
510 000	24 80	

Elapsed Time	Value	Hand Meas
520.000	24 79	
530.000	24 79	
540.000	24 80	
550.000	24 80	
560.000	24 81	
570.000	24 81	
580.000	24 81	
590.000	24 81	
600.000	24 82	
610.000	24 82	
620.000	24 82	
630.000	24 82	
640.000	24 82	
650.000	24 82	
660.000	24 82	
670.000	24 82	
680.000	24 82	
690.000	24 83	
700.000	24 83	
710.000	24 83	
720.000	24 83	
730.000	24 84	
740.000	24 84	
750.000	24 85	
760.000	24 85	
770.000	24 85	
780.000	24 85	
790.000	24 85	
800.000	24 85	
810.000	24 85	
820.000	24 85	
830.000	24 85	
840.000	24 86	
850.000	24 85	
860.000	24 85	
870.000	24 85	
880.000	24 86	
890.000	24 86	
900.000	24 86	
910.000	24 85	
920.000	24 85	
930.000	24 85	
940.000	24 86	
950.000	24 86	
960.000	24 86	
970.000	24 86	
980.000	24 85	
990.000	24 85	
1000 00	24 86	
1100.00	24 86	
1200 00	24 88	
1300 00	24 93	

Elapsed Time	Value	Hand Meas

SE1000B
Environmental Logger
06/25 09 45

Unit# 01008 Test# 0

INPUT 2 Level (F) TOC

Reference 24 95
Scale factor 9 99
Offset 0 01

Step# 0 06/24 08 05

El psed T m	V l	H d M s	El psed T m	V l	H nd M	El psed Time	Val e	Hand Meas
0 0000	24 95	24 95	1260 00	24 79				
30 0000	24 95		1290 00	24 79				
60 0000	24 95		1320 00	24 79				
90 0000	24 95		1350 00	24 80				
120 000	24 95		1380 00	24 81				
150 000	24 94		1410 00	24 81	24 82			
180 000	24 94		1440 00	24 81				
210 000	24 94		1470 00	24 81				
240 000	24 94		1500 00	24 81	24 81			
270 000	24 95	24 94						
300 000	24 95							
330 000	24 95							
360 000	24 97							
390 000	24 98							
420 000	24 98							
450 000	24 97							
480 000	24 98	24 99						
510 000	24 99							
540 000	25 02							
570 000	25 04							
600 000	25 02							
630 000	24 98							
660 000	24 94							
690 000	24 93							
720 000	24 88							
750 000	24 89							
780 000	24 88							
810 000	24 86							
840 000	24 85							
870 000	24 83							
900 000	24 83							
930 000	24 82							
960 000	24 81							
990 000	24 82							
1020 00	24 83							
1050 00	24 83							
1080 00	24 83							
1110 00	24 82							
1140 00	24 81							
1170 00	24 80							
1200 00	24 79							
1230 00	24 79							

SITE 2

BEDROCK SLUG TEST

SE1000B
Environmental Logger
6/22 8 51

Unit# 11491 Test# 0

INPUT 2 Level (F) TOC

Reference 24 5
Scale Factor 10 04
Offset 0 09

Step# 0 6/19 13 30

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0	24 49	24 5	1 5833	24 48		32	24 48	
0 0033	24 48		1 6667	24 48		33	24 48	
0 0066	24 48		1 75	24 48		34	24 48	
0 0099	24 48		1 8333	24 48		35	24 48	
0 0133	24 48		1 9167	24 48		36	24 48	
0 0166	24 48		2	24 48		37	24 48	
0 02	24 48		2 5	24 48		38	24 48	
0 0233	24 48		3	24 48		39	24 48	
0 0266	24 48		3 5	24 49		40	24 48	
0 03	24 48		4	24 49		41	24 48	
0 0333	24 48		4 5	24 49		42	24 48	
0 05	24 48		5	24 49		43	24 48	
0 0666	24 48		5 5	24 49		44	24 48	
0 0833	24 48		6	24 49		45	24 48	
0 1	24 48		6 5	24 49		46	24 48	
0 1166	24 48		7	24 49		47	24 48	
0 1333	24 48		7 5	24 49		48	24 48	
0 15	24 48		8	24 49		49	24 48	
0 1666	24 48		8 5	24 48		50	24 48	
0 1833	24 48		9	24 48		51	24 48	
0 2	24 47		9 5	24 48		52	24 48	
0 2166	24 47		10	24 48		53	24 48	
0 2333	24 47		11	24 48		54	24 48	
0 25	24 48		12	24 48		55	24 48	
0 2666	24 48		13	24 48		56	24 48	
0 2833	24 48		14	24 48		57	24 48	
0 3	24 48		15	24 48		58	24 48	
0 3166	24 48		16	24 48		59	24 48	
0 3333	24 48		17	24 48		60	24 48	
0 4167	24 48		18	24 48		61	24 48	
0 5	24 48		19	24 48		62	24 48	
0 5833	24 48		20	24 48		63	24 48	
0 6667	24 48		21	24 48		64	24 48	
0 75	24 48		22	24 48		65	24 48	
0 8333	24 48		23	24 48		66	24 48	
0 9167	24 48		24	24 48		67	24 48	
1	24 48		25	24 48		68	24 48	
1 0833	24 48		26	24 48		69	24 49	
1 1667	24 48		27	24 48		70	24 49	
1 25	24 48		28	24 48		71	24 49	
1 3333	24 48		29	24 48		72	24 49	
1 4166	24 48		30	24 48		73	24 49	
1 5	24 48		31	24 48		74	24 49	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
75	24 49		137	24 48		199	24 46	
76	24 49		138	24 48		200	24 46	
77	24 49		139	24 48		230	24 45	
78	24 49		140	24 48		260	24 45	
79	24 49		141	24 48		290	24 48	
80	24 49		142	24 48		320	24 48	
81	24 49		143	24 48		350	24 48	
82	24 48		144	24 47		380	24 48	
83	24 48		145	24 47		410	24 48	
84	24 48		146	24 47		440	24 49	
85	24 48		147	24 47		470	24 5	
86	24 49		148	24 47		500	24 5	
87	24 49		149	24 47		530	24 5	
88	24 48		150	24 47		560	24 49	
89	24 48		151	24 47		590	24 49	
90	24 48		152	24 47		620	24 49	
91	24 48		153	24 47		650	24 48	
92	24 48		154	24 47		680	24 47	
93	24 48		155	24 47		710	24 47	
94	24 48		156	24 47		740	24 48	
95	24 48		157	24 47		770	24 48	
96	24 48		158	24 47		800	24 48	
97	24 48		159	24 47		830	24 47	
98	24 48		160	24 47		860	24 47	
99	24 48		161	24 47		890	24 47	
100	24 48		162	24 47		920	24 47	
101	24 48		163	24 47		950	24 47	
102	24 48		164	24 47		980	24 48	
103	24 48		165	24 47		1010	24 48	
104	24 48		166	24 47		1040	24 5	
105	24 48		167	24 47		1070	24 5	
106	24 48		168	24 47		1100	24 5	
107	24 48		169	24 47		1130	24 5	
108	24 48		170	24 47		1160	24 49	
109	24 48		171	24 47		1190	24 48	
110	24 49		172	24 47		1220	24 47	
111	24 49		173	24 47		1250	24 46	
112	24 49		174	24 46		1280	24 46	
113	24 49		175	24 46		1310	24 45	
114	24 49		176	24 46		1340	24 45	
115	24 49		177	24 46		1370	24 43	
116	24 49		178	24 46		1400	24 43	
117	24 49		179	24 46		1430	24 42	
118	24 49		180	24 46		1460	24 42	
119	24 48		181	24 46		1490	24 42	
120	24 48		182	24 47		1520	24 41	
121	24 48		183	24 46		1550	24 41	
122	24 48		184	24 46		1580	24 4	
123	24 48		185	24 46		1610	24 41	
124	24 48		186	24 46		1640	24 41	
125	24 48		187	24 46		1670	24 4	
126	24 48		188	24 46		1700	24 39	
127	24 48		189	24 46		1730	24 38	
128	24 48		190	24 46		1760	24 38	
129	24 48		191	24 46		1790	24 38	
130	24 48		192	24 46		1820	24 37	
131	24 48		193	24 46		1850	24 38	
132	24 48		194	24 46		1880	24 38	
133	24 48		195	24 46		1910	24 4	
134	24 48		196	24 46		1940	24 41	
135	24 48		197	24 46		1970	24 41	
136	24 48		198	24 46		2000	24 45	

El psed Tim	Value	H nd Mea	Elapsed T me	V lue	Hand Mea	Elapsed Time	V l	H nd M a
2030	24 45		3890	24 41				
2060	24 44		3920	24 41				
2090	24 45		3950	24 41				
2120	24 44		3980	24 42	24 44			
2150	24 44							
2180	24 43							
2210	24 42							
2240	24 4							
2270	24 39							
2300	24 38							
2330	24 37							
2360	24 37							
2390	24 36							
2420	24 35							
2450	24 35							
2480	24 35							
2510	24 35							
2540	24 36							
2570	24 36							
2600	24 36							
2630	24 36							
2660	24 36							
2690	24 36							
2720	24 37							
2750	24 37							
2780	24 36							
2810	24 37							
2840	24 37							
2870	24 37							
2900	24 36							
2930	24 36							
2960	24 37							
2990	24 37							
3020	24 38							
3050	24 35							
3080	24 37							
3110	24 37							
3140	24 36							
3170	24 37							
3200	24 37							
3230	24 37							
3260	24 37							
3290	24 35							
3320	24 36							
3350	24 36							
3380	24 36							
3410	24 37							
3440	24 36							
3470	24 36							
3500	24 36							
3530	24 36							
3560	24 36							
3590	24 36							
3620	24 36							
3650	24 37							
3680	24 37							
3710	24 37							
3740	24 38							
3770	24 39							
3800	24 4							
3830	24 4							
3860	24 41							

SE1000B
Environmental Logger
06/22 7 57

Unit# 11491 Test# 0

INPUT 1 Level (F) TOC

Reference 25
Scale Factor 10 03
Offset 0 2

Step# 0 6/19 13 30

El psed T me	Valu	Hand Me s	Elapsed Time	Valu	Hand Meas	Elapsed Time	Value	Hand Meas
0	25	25 0	1 5833	25		32	25	
0 0033	25		1 6667	25		33	25	
0 0066	25		1 75	25		34	25	
0 0099	25		1 8333	25		35	25	
0 0133	25		1 9167	25		36	25	
0 0166	25		2	25		37	25	
0 02	25		2 5	25		38	25	
0 0233	25		3	25		39	25	
0 0266	25		3 5	25		40	25	
0 03	25		4	25		41	25	
0 0333	25		4 5	25		42	25	
0 05	25		5	25		43	25	
0 0666	25		5 5	25		44	25	
0 0833	25		6	25		45	25	
0 1	25		6 5	25		46	25	
0 1166	25		7	25		47	25	
0 1333	25		7 5	25		48	25	
0 15	25		8	25		49	25	
0 1666	25		8 5	25		50	25	
0 1833	25		9	25		51	25	
0 2	25		9 5	25		52	25	
0 2166	25		10	25		53	25	
0 2333	25		11	25		54	25	
0 25	25		12	25		55	25	
0 2666	25		13	25		56	25	
0 2833	25		14	25		57	25	
0 3	25		15	25		58	25	
0 3166	25		16	25		59	25	
0 3333	25		17	25		60	25	
0 4167	25		18	25		61	25	
0 5	25		19	25		62	25	
0 5833	25		20	25		63	25	
0 6667	25		21	25		64	25	
0 75	25		22	25		65	25	
0 8333	25		23	25		66	25	
0 9167	25		24	25		67	25	
1	25		25	25		68	25	
1 0833	25		26	25		69	25	
1 1667	25		27	25		70	25	
1 25	25		28	25		71	25	
1 3333	25		29	25		72	25	
1 4166	25		30	25		73	25	
1 5	25		31	25		74	25	

Elapsed T me	Value	Hand Me	Elapsed T me	Value	H nd Mea	Elapsed Time	Value	Hand Meas
75	25		137	25		199	24 99	
76	25		138	25		200	24 99	
77	25		139	25		230	24 98	
78	25		140	25		260	24 99	
79	25		141	25		290	24 99	
80	25		142	25		320	24 99	
81	25		143	25		350	24 99	
82	25		144	25		380	24 99	
83	25		145	25		410	24 99	
84	25		146	25		440	25	
85	25		147	25		470	25	
86	25		148	25		500	25	
87	25		149	25		530	25	
88	25		150	25		560	25	
89	25		151	25		590	25	
90	25		152	25		620	25 01	
91	25		153	25		650	25	
92	25		154	25		680	25	
93	25		155	25		710	25	
94	25		156	25		740	25	
95	25		157	25		770	25	
96	25		158	25		800	25	
97	25		159	25		830	25	
98	25		160	25		860	25	
99	25		161	25		890	25	
100	25		162	25		920	25	
101	25		163	25		950	25	
102	25		164	25		980	25	
103	25		165	25		1010	25	
104	25		166	25		1040	25 01	
105	25		167	25		1070	25 01	
106	25		168	25		1100	25 02	
107	25		169	25		1130	25 02	
108	25		170	25		1160	25 02	
109	25		171	25		1190	25 02	
110	25		172	25		1220	25 02	
111	25		173	25		1250	25 02	
112	25		174	25		1280	25 02	
113	25		175	24 99		1310	25 01	
114	25		176	25		1340	25 01	
115	25		177	25		1370	25 01	
116	25		178	24 99		1400	25	
117	25		179	24 99		1430	25	
118	25		180	24 99		1460	25	
119	25		181	24 99		1490	24 99	
120	25		182	24 99		1520	24 99	
121	25		183	24 99		1550	24 99	
122	25		184	24 99		1580	24 98	
123	25		185	24 99		1610	24 98	
124	25		186	24 99		1640	24 98	
125	25		187	24 99		1670	24 98	
126	25		188	24 99		1700	24 98	
127	25		189	24 99		1730	24 97	
128	25		190	24 99		1760	24 97	
129	25		191	24 99		1790	24 97	
130	25		192	24 99		1820	24 97	
131	25		193	24 99		1850	24 97	
132	25		194	24 99		1880	24 97	
133	25		195	24 99		1910	24 97	
134	25		196	24 99		1940	24 98	
135	25		197	24 99		1970	24 98	
136	25		198	24 99		2000	25	

El psed Time	Value	Hand Meas
2030	25	
2060	25 02	
2090	25 02	
2120	25 02	
2150	25 03	
2180	25 03	
2210	25 02	
2240	25 02	
2270	25 01	
2300	25	
2330	24 99	
2360	24 98	
2390	24 98	
2420	24 97	
2450	24 97	
2480	24 96	
2510	24 96	
2540	24 96	
2570	24 96	
2600	24 96	
2630	24 96	
2660	24 96	
2690	24 96	
2720	24 96	
2750	24 96	
2780	24 96	
2810	24 96	
2840	24 96	
2870	24 96	
2900	24 96	
2930	24 96	
2960	24 96	
2990	24 96	
3020	24 96	
3050	24 96	
3080	24 96	
3110	24 96	
3140	24 96	
3170	24 96	
3200	24 96	
3230	24 96	
3260	24 96	
3290	24 96	
3320	24 95	
3350	24 95	
3380	24 95	
3410	24 95	
3440	24 95	
3470	24 95	
3500	24 96	
3530	24 95	
3560	24 95	
3590	24 95	
3620	24 95	
3650	24 95	
3680	24 96	
3710	24 96	
3740	24 96	
3770	24 96	
3800	24 97	
3830	24 98	
3860	24 98	

Elapsed T me	Value	Hand Meas
3890	24 99	
3920	24 99	
3950	25	
3980	25	25 0

Elapsed Time	Value	Hand Meas

SE1000B
Environmental Logger
6/22 14 07

Unit# 12491 Test# 0

INPUT 1 Level (F) TOC

Reference 24 37
Scale Factor 10 02
Offset 0 02

Step# 0 6/19 13 30

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0	24 42	24 37	1 5	24 42		30	24 52	
0 0033	24 42		1 5833	24 42		31	24 52	
0 0066	24 42		1 6667	24 42		32	24 52	
0 0099	24 42		1 75	24 42		33	24 52	
0 0133	24 42		1 8333	24 42		34	24 53	
0 0166	24 42		1 9167	24 42		35	24 53	
0 02	24 42		2	24 42		36	24 53	
0 0233	24 42		2 5	24 42		37	24 53	
0 0266	24 42		3	24 42		38	24 54	
0 03	24 42		3 5	24 42		39	24 54	
0 0333	24 42		4	24 42		40	24 54	
0 05	24 42		4 5	24 42		41	24 54	
0 0666	24 42		5	24 42		42	24 54	
0 0833	24 42		5 5	24 42		43	24 54	
0 1	24 42		6	24 42		44	24 54	
0 1166	24 42		6 5	24 43		45	24 54	
0 1333	24 42		7	24 43		46	24 54	
0 15	24 42		7 5	24 43		47	24 54	
0 1666	24 42		8	24 43		48	24 55	
0 1833	24 42		8 5	24 43		49	24 55	
0 2	24 42		9	24 44		50	24 55	
0 2166	24 42		9 5	24 44		51	24 55	
0 2333	24 42		10	24 44		52	24 55	
0 25	24 42		11	24 45		53	24 55	
0 2666	24 42		12	24 45		54	24 55	
0 2833	24 42		13	24 45		55	24 55	
0 3	24 42		14	24 46		56	24 55	
0 3166	24 42		15	24 46		57	24 55	
0 3333	24 42		16	24 47		58	24 55	
0 4167	24 42		17	24 47		59	24 55	
0 5	24 42		18	24 48		60	24 55	
0 5833	24 42		19	24 48		61	24 55	
0 6667	24 42		20	24 48		62	24 55	
0 75	24 42		21	24 49		63	24 55	
0 8333	24 42		22	24 49		64	24 55	
0 9167	24 42		23	24 49		65	24 55	
1	24 42		24	24 5		66	24 55	
1 0833	24 42		25	24 5		67	24 55	
1 1667	24 42		26	24 51		68	24 55	
1 25	24 42		27	24 51		69	24 55	
1 3333	24 42		28	24 51		70	24 55	
1 4166	24 42		29	24 51		71	24 55	

El p d Time	Valu	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
72	24 55		133	24 53		194	24 49	
73	24 55		134	24 52		195	24 48	
74	24 55		135	24 52		196	24 48	
75	24 55		136	24 52		197	24 48	
76	24 55		137	24 52		198	24 48	
77	24 55		138	24 52		199	24 48	
78	24 55		139	24 52		200	24 48	
79	24 55		140	24 52		230	24 47	
80	24 55		141	24 52		260	24 46	
81	24 55		142	24 52		290	24 45	
82	24 55		143	24 52		320	24 44	
83	24 55		144	24 52		350	24 43	
84	24 55		145	24 52		380	24 42	
85	24 55		146	24 52		410	24 38	
86	24 55		147	24 51		440	24 39	
87	24 55		148	24 52		470	24 39	
88	24 55		149	24 51		500	24 39	
89	24 55		150	24 51		530	24 39	
90	24 55		151	24 51		560	24 39	
91	24 55		152	24 51		590	24 4	
92	24 55		153	24 51		620	24 4	
93	24 55		154	24 51		650	24 4	
94	24 55		155	24 51		680	24 39	
95	24 55		156	24 51		710	24 39	
96	24 55		157	24 51		740	24 4	
97	24 55		158	24 51		770	24 4	
98	24 54		159	24 51		800	24 4	
99	24 55		160	24 51		830	24 4	
100	24 54		161	24 51		860	24 4	
101	24 54		162	24 51		890	24 4	
102	24 54		163	24 51		920	24 4	
103	24 54		164	24 5		950	24 4	
104	24 54		165	24 5		980	24 4	
105	24 54		166	24 5		1010	24 4	
106	24 54		167	24 5		1040	24 4	
107	24 54		168	24 5		1070	24 41	
108	24 54		169	24 5		1100	24 41	
109	24 54		170	24 5		1130	24 41	
110	24 54		171	24 5		1160	24 41	
111	24 54		172	24 5		1190	24 41	
112	24 54		173	24 5		1220	24 41	
113	24 54		174	24 5		1250	24 41	
114	24 54		175	24 5		1280	24 41	
115	24 54		176	24 5		1310	24 41	
116	24 54		177	24 5		1340	24 41	
117	24 54		178	24 49		1370	24 41	
118	24 54		179	24 49		1400	24 41	
119	24 54		180	24 49		1430	24 41	
120	24 54		181	24 49		1460	24 41	
121	24 53		182	24 49		1490	24 41	
122	24 53		183	24 49		1520	24 4	
123	24 53		184	24 49		1550	24 4	
124	24 53		185	24 49		1580	24 4	
125	24 53		186	24 49		1610	24 4	
126	24 53		187	24 49		1640	24 4	
127	24 53		188	24 49		1670	24 4	
128	24 53		189	24 49		1700	24 4	
129	24 53		190	24 49		1730	24 4	
130	24 53		191	24 49		1760	24 39	
131	24 53		192	24 49		1790	24 39	
132	24 53		193	24 49		1820	24 39	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1850	24 39		3680	24 4				
1880	24 39		3710	24 4				
1910	24 39		3740	24 4				
1940	24 39		3770	24 4				
1970	24 39		3800	24 4				
2000	24 39		3830	24 4				
2030	24 4		3860	24 41				
2060	24 4		3890	24 41				
2090	24 4		3920	24 41				
2120	24 41		3950	24 42				
2150	24 41		3980	24 42				
2180	24 41		4010	24 42				
2210	24 41		4040	24 42				
2240	24 41		4070	24 42				
2270	24 41		4100	24 42				
2300	24 41		4130	24 42				
2330	24 4		4160	24 42				
2360	24 4		4190	24 44				
2390	24 4		4220	24 45				
2420	24 4		4250	24 45				
2450	24 4		4280	24 45	24 4			
2480	24 39							
2510	24 39							
2540	24 39							
2570	24 39							
2600	24 39							
2630	24 39							
2660	24 39							
2690	24 39							
2720	24 39							
2750	24 39							
2780	24 39							
2810	24 39							
2840	24 39							
2870	24 4							
2900	24 39							
2930	24 39							
2960	24 39							
2990	24 39							
3020	24 4							
3050	24 4							
3080	24 4							
3110	24 4							
3140	24 4							
3170	24 39							
3200	24 4							
3230	24 4							
3260	24 39							
3290	24 39							
3320	24 39							
3350	24 39							
3380	24 39							
3410	24 39							
3440	24 39							
3470	24 39							
3500	24 39							
3530	24 39							
3560	24 39							
3590	24 39							
3620	24 4							
3650	24 4							

SE1000B
Environmental Logger
06/22 11 02

Unit# 0 Test# 0

INPUT 2 Level (F) TOC

Reference 24 63
Scale Factor 10 03
Offset 0 01

Step# 0 6/19 13 30

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
0	23 74		1 5	31 23	31 22	30	27 17	
0 0033	24 06		1 5833	31 16		31	27 1	
0 0066	24 06		1 6667	31 1	31 09	32	27 05	
0 0099	23 98		1 75	31 04		33	26 99	27 0
0 0133	24 01		1 8333	30 98		34	26 93	
0 0166	23 97		1 9167	30 94	30 97	35	26 88	
0 02	23 92		2	30 89	30 84	36	26 83	26 82
0 0233	23 96		2 5	30 64	30 62	37	26 78	26 78
0 0266	23 91		3	30 43	30 43	38	26 72	26 75
0 03	23 92		3 5	30 28	30 30	39	26 68	26 73
0 0333	23 92		4	30 15	30 16	40	26 64	26 68
0 05	24 07		4 5	30 04	30 09	41	26 59	
0 0666	24 25		5	29 94	29 96	42	26 54	
0 0833	24 44		5 5	29 83		43	26 5	
0 1	24 86		6	29 72	29 67	44	26 46	
0 1166	25 32		6 5	29 62	29 64	45	26 41	
0 1333	25 76		7	29 52		46	26 38	
0 15	26 12		7 5	29 43	29 39	47	26 34	
0 1666	26 48		8	29 34	29 34	48	26 3	26 32
0 1833	26 33		8 5	29 25	29 28	49	26 26	
0 2	26 22		9	29 18		50	26 23	
0 2166	26 02		9 5	29 1		51	26 19	
0 2333	25 92		10	29 03	29 00	52	26 16	26 18
0 25	25 78		11	28 88	28 90	53	26 13	
0 2666	25 68		12	28 75		54	26 1	
0 2833	25 58		13	28 63		55	26 06	
0 3	25 46		14	28 51		56	26 03	
0 3166	25 38		15	28 37	28 40	57	26	
0 3333	25 27		16	28 29		58	25 97	25 98
0 4167	24 62		17	28 19		59	25 95	
0 5	26 21		18	28 1		60	25 92	
0 5833	27 93		19	28		61	25 89	25 93
0 6667	29 46		20	27 91	27 91	62	25 87	
0 75	30 95		21	27 83		63	25 84	
0 8333	31 86		22	27 74		64	25 82	
0 9167	32 04		23	27 66		65	25 8	25 84
1	31 84	31 46	24	27 58		66	25 77	
1 0833	31 7		25	27 51		67	25 75	25 76
1 1667	31 57		26	27 44		68	25 73	
1 25	31 47		27	27 36		69	25 71	25 73
1 3333	31 38		28	27 29		70	25 69	
1 4166	31 3		29	27 23		71	25 67	

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
72	25 65		133	24 96		194	24 72	
73	25 63		134	24 95		195	24 72	
74	25 61		135	24 95		196	24 71	
75	25 59		136	24 94		197	24 71	
76	25 57		137	24 94		198	24 71	
77	25 56		138	24 93		199	24 71	
78	25 54		139	24 93		200	24 7	
79	25 52		140	24 92		230	24 65	
80	25 5		141	24 92		260	24 61	
81	25 48		142	24 91		290	24 58	
82	25 47		143	24 91		320	24 56	
83	25 45		144	24 9		350	24 53	
84	25 44		145	24 89		380	24 51	
85	25 42		146	24 89		410	24 48	
86	25 41		147	24 88		440	24 47	
87	25 39		148	24 88		470	24 47	
88	25 38		149	24 88		500	24 46	
89	25 36		150	24 87		530	24 46	
90	25 35		151	24 87		560	24 45	
91	25 34		152	24 86		590	24 45	
92	25 32		153	24 86		620	24 45	
93	25 31		154	24 85		650	24 44	
94	25 3		155	24 85		680	24 44	
95	25 29		156	24 85		710	24 44	
96	25 27		157	24 84		740	24 44	
97	25 26		158	24 84		770	24 44	
98	25 25		159	24 83		800	24 44	
99	25 24		160	24 83		830	24 44	
100	25 23		161	24 83		860	24 44	
101	25 22		162	24 82		890	24 43	
102	25 21		163	24 82		920	24 43	
103	25 2		164	24 82		950	24 43	
104	25 19		165	24 81		980	24 44	
105	25 18		166	24 81		1010	24 44	
106	25 17		167	24 8		1040	24 44	
107	25 16		168	24 8		1070	24 44	
108	25 15		169	24 8		1100	24 44	
109	25 14		170	24 79		1130	24 44	
110	25 13		171	24 79		1160	24 44	
111	25 13		172	24 79		1190	24 44	
112	25 12		173	24 78		1220	24 44	
113	25 11		174	24 78		1250	24 43	
114	25 1		175	24 77		1280	24 43	
115	25 09		176	24 77		1310	24 43	
116	25 08		177	24 77		1340	24 43	
117	25 07		178	24 76		1370	24 43	
118	25 07		179	24 76		1400	24 42	
119	25 06		180	24 76		1430	24 42	
120	25 05		181	24 76		1460	24 41	
121	25 04		182	24 75		1490	24 41	
122	25 03		183	24 75		1520	24 41	
123	25 03		184	24 75		1550	24 41	
124	25 02		185	24 75		1580	24 4	
125	25 01		186	24 74		1610	24 4	
126	25 01		187	24 74		1640	24 4	
127	25		188	24 74		1670	24 4	
128	24 99		189	24 73		1700	24 39	
129	24 99		190	24 73		1730	24 39	
130	24 98		191	24 73		1760	24 38	
131	24 97		192	24 73		1790	24 38	
132	24 97		193	24 72		1820	24 38	

El psed T me	V l	Hand Mea	El psed T'm	V l	Ha d M as	Elapsed T'me	Val	Hand Meas
1850	24 37		3680	24 36				
1880	24 37		3710	24 36				
1910	24 38		3740	24 36				
1940	24 38		3770	24 36				
1970	24 38		3800	24 37				
2000	24 39		3830	24 37				
2030	24 39		3860	24 37				
2060	24 39		3890	24 37				
2090	24 39		3920	24 37				
2120	24 39		3950	24 38				
2150	24 39		3980	24 38				
2180	24 39		4010	24 38				
2210	24 39		4040	24 38				
2240	24 38		4070	24 38				
2270	24 38		4100	24 38				
2300	24 37							
2330	24 37							
2360	24 37							
2390	24 37							
2420	24 36							
2450	24 36							
2480	24 36							
2510	24 36							
2540	24 36							
2570	24 36							
2600	24 36							
2630	24 36							
2660	24 36							
2690	24 36							
2720	24 36							
2750	24 36							
2780	24 36							
2810	24 36							
2840	24 36							
2870	24 36							
2900	24 36							
2930	24 36							
2960	24 36							
2990	24 36							
3020	24 36							
3050	24 36							
3080	24 36							
3110	24 36							
3140	24 36							
3170	24 36							
3200	24 36							
3230	24 36							
3260	24 36							
3290	24 35							
3320	24 35							
3350	24 35							
3380	24 35							
3410	24 35							
3440	24 35							
3470	24 35							
3500	24 35							
3530	24 35							
3560	24 35							
3590	24 35							
3620	24 35							
3650	24 35							

SE1000B
Environmental Logger
6/22 10 05

Unit# 0 Test# 0

INPUT 1 Level (F) TOC

Reference 24 5
Scale Factor 10 02
Offset 0 02

Step# 0 6/19 13 30

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
0	24 39	24 5	1 5833	24 49		32	24 49	
0 0033	24 3		1 6667	24 49		33	24 49	
0 0066	24 25		1 75	24 49		34	24 49	
0 0099	24 25		1 8333	24 49		35	24 49	
0 0133	24 22		1 9167	24 49		36	24 49	
0 0166	24 25		2	24 49		37	24 49	
0 02	24 23		2 5	24 49		38	24 49	
0 0233	24 23		3	24 49		39	24 49	
0 0266	24 22		3 5	24 49		40	24 49	
0 03	24 24		4	24 49		41	24 49	
0 0333	24 25		4 5	24 49		42	24 49	
0 05	24 24		5	24 49		43	24 49	
0 0666	24 25		5 5	24 49		44	24 49	
0 0833	24 25		6	24 49		45	24 49	
0 1	24 31		6 5	24 49		46	24 49	
0 1166	24 35		7	24 49		47	24 49	
0 1333	24 37		7 5	24 49		48	24 49	
0 15	24 4		8	24 49		49	24 49	
0 1666	24 49		8 5	24 49		50	24 49	
0 1833	24 49		9	24 49		51	24 49	
0 2	24 49		9 5	24 49		52	24 49	
0 2166	24 49		10	24 49		53	24 49	
0 2333	24 49		11	24 49		54	24 49	
0 25	24 49		12	24 49		55	24 49	
0 2666	24 49		13	24 49		56	24 49	
0 2833	24 49		14	24 49		57	24 49	
0 3	24 49		15	24 49		58	24 49	
0 3166	24 49		16	24 49		59	24 49	
0 3333	24 49		17	24 49		60	24 49	
0 4167	24 24		18	24 49		61	24 49	
0 5	24 36		19	24 49		62	24 5	
0 5833	24 37		20	24 49		63	24 5	
0 6667	24 38		21	24 49		64	24 5	
0 75	24 38		22	24 49		65	24 5	
0 8333	24 38		23	24 49		66	24 5	
0 9167	24 49		24	24 49		67	24 5	
1	24 49		25	24 49		68	24 5	
1 0833	24 49		26	24 49		69	24 5	
1 1667	24 49		27	24 49		70	24 5	
1 25	24 49		28	24 49		71	24 52	
1 3333	24 49		29	24 49		72	24 52	
1 4166	24 49		30	24 49		73	24 52	
1 5	24 49		31	24 49		74	24 52	

Elapsed T me	Value	Hand Meas	Elapsed T'me	Value	Hand Meas	Elapsed Time	Value	Hand Meas
75	24 52		137	24 51		199	24 49	
76	24 52		138	24 51		200	24 49	
77	24 52		139	24 51		230	24 49	
78	24 52		140	24 51		260	24 49	
79	24 52		141	24 51		290	24 51	
80	24 52		142	24 51		320	24 51	
81	24 52		143	24 51		350	24 51	
82	24 52		144	24 51		380	24 51	
83	24 52		145	24 51		410	24 51	
84	24 52		146	24 51		440	24 52	
85	24 52		147	24 51		470	24 53	
86	24 52		148	24 51		500	24 53	
87	24 52		149	24 5		530	24 53	
88	24 52		150	24 5		560	24 52	
89	24 52		151	24 5		590	24 52	
90	24 52		152	24 5		620	24 51	
91	24 51		153	24 5		650	24 51	
92	24 51		154	24 5		680	24 5	
93	24 51		155	24 5		710	24 5	
94	24 51		156	24 5		740	24 51	
95	24 51		157	24 5		770	24 51	
96	24 51		158	24 5		800	24 51	
97	24 51		159	24 5		830	24 5	
98	24 51		160	24 5		860	24 5	
99	24 52		161	24 5		890	24 5	
100	24 52		162	24 5		920	24 5	
101	24 52		163	24 5		950	24 5	
102	24 52		164	24 5		980	24 5	
103	24 52		165	24 5		1010	24 51	
104	24 52		166	24 5		1040	24 52	
105	24 51		167	24 5		1070	24 53	
106	24 51		168	24 5		1100	24 52	
107	24 51		169	24 5		1130	24 52	
108	24 52		170	24 5		1160	24 52	
109	24 52		171	24 5		1190	24 5	
110	24 52		172	24 5		1220	24 5	
111	24 52		173	24 5		1250	24 48	
112	24 52		174	24 5		1280	24 48	
113	24 52		175	24 5		1310	24 47	
114	24 52		176	24 5		1340	24 46	
115	24 52		177	24 5		1370	24 45	
116	24 52		178	24 5		1400	24 45	
117	24 52		179	24 5		1430	24 44	
118	24 52		180	24 5		1460	24 43	
119	24 52		181	24 5		1490	24 43	
120	24 51		182	24 5		1520	24 43	
121	24 52		183	24 5		1550	24 42	
122	24 51		184	24 5		1580	24 42	
123	24 51		185	24 5		1610	24 43	
124	24 51		186	24 5		1640	24 43	
125	24 51		187	24 5		1670	24 41	
126	24 51		188	24 5		1700	24 4	
127	24 51		189	24 49		1730	24 4	
128	24 51		190	24 49		1760	24 4	
129	24 51		191	24 49		1790	24 4	
130	24 51		192	24 49		1820	24 39	
131	24 51		193	24 49		1850	24 39	
132	24 51		194	24 49		1880	24 39	
133	24 51		195	24 49		1910	24 41	
134	24 51		196	24 49		1940	24 43	
135	24 51		197	24 49		1970	24 43	
136	24 51		198	24 49		2000	24 47	

El psed T m	V l	H nd Me	Elapsed T me	V lu	Hand Mea	Elapsed Time	Value	Hand Meas
2030	24 47		3890	24 44				
2060	24 47		3920	24 44				
2090	24 47		3950	24 44				
2120	24 46		3980	24 44				
2150	24 46		4010	24 44				
2180	24 46		4040	24 44				
2210	24 44		4070	24 43				
2240	24 43		4100	24 44	24 46			
2270	24 41							
2300	24 4							
2330	24 4							
2360	24 39							
2390	24 38							
2420	24 38							
2450	24 38							
2480	24 37							
2510	24 37							
2540	24 38							
2570	24 38							
2600	24 38							
2630	24 38							
2660	24 38							
2690	24 38							
2720	24 38							
2750	24 38							
2780	24 38							
2810	24 38							
2840	24 39							
2870	24 38							
2900	24 38							
2930	24 37							
2960	24 38							
2990	24 38							
3020	24 4							
3050	24 37							
3080	24 38							
3110	24 39							
3140	24 37							
3170	24 38							
3200	24 38							
3230	24 39							
3260	24 39							
3290	24 37							
3320	24 37							
3350	24 38							
3380	24 38							
3410	24 38							
3440	24 38							
3470	24 38							
3500	24 38							
3530	24 38							
3560	24 38							
3590	24 38							
3620	24 38							
3650	24 39							
3680	24 39							
3710	24 39							
3740	24 4							
3770	24 41							
3800	24 42							
3830	24 43							
3860	24 44							

SE1000B
Environmental Logger
6/22 12 03

Unit# 1008 Test# 0

INPUT 1 Level (F) TOC

Reference 24 46
Scale Factor 10 13
Offset 0 01

Step# 0 6/19 13 30

Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas.
0	24 49	24 46	1 5	24 5		30	24 66	
0 0033	24 49		1 5833	24 49		31	24 66	
0 0066	24 49		1 6667	24 49		32	24 66	
0 0099	24 49		1 75	24 49		33	24 66	
0 0133	24 49		1 8333	24 49		34	24 66	
0 0166	24 49		1 9167	24 49		35	24 66	
0 02	24 49		2	24 49		36	24 66	
0 0233	24 49		2 5	24 5		37	24 66	
0 0266	24 49		3	24 51		38	24 65	
0 03	24 49		3 5	24 51		39	24 66	
0 0333	24 49		4	24 52		40	24 65	
0 05	24 49		4 5	24 52		41	24 65	
0 0666	24 49		5	24 53		42	24 65	
0 0833	24 49		5 5	24 53		43	24 65	
0 1	24 49		6	24 54		44	24 65	
0 1166	24 49		6 5	24 54		45	24 65	
0 1333	24 49		7	24 55		46	24 65	
0 15	24 49		7 5	24 55		47	24 64	
0 1666	24 49		8	24 56		48	24 64	
0 1833	24 49		8 5	24 57		49	24 64	
0 2	24 49		9	24 57		50	24 64	
0 2166	24 49		9 5	24 58		51	24 64	
0 2333	24 49		10	24 59		52	24 63	
0 25	24 49		11	24 6		53	24 63	
0 2666	24 49		12	24 6		54	24 63	
0 2833	24 49		13	24 61		55	24 63	
0 3	24 49		14	24 62		56	24 63	
0 3166	24 49		15	24 62		57	24 63	
0 3333	24 49		16	24 62		58	24 62	
0 4167	24 49		17	24 63		59	24 62	
0 5	24 49		18	24 64		60	24 62	
0 5833	24 49		19	24 64		61	24 62	
0 6667	24 49		20	24 65		62	24 62	
0 75	24 49		21	24 65		63	24 62	
0 8333	24 49		22	24 65		64	24 62	
0 9167	24 49		23	24 65		65	24 62	
1	24 49		24	24 65		66	24 62	
1 0833	24 49		25	24 66		67	24 62	
1 1667	24 49		26	24 66		68	24 61	
1 25	24 49		27	24 66		69	24 61	
1 3333	24 49		28	24 66		70	24 61	
1 4166	24 49		29	24 66		71	24 61	

Elapsed Time	Value	Hand Meas
72	24 61	
73	24 61	
74	24 6	
75	24 6	
76	24 6	
77	24 6	
78	24 6	
79	24 6	
80	24 6	
81	24 6	
82	24 6	
83	24 6	
84	24 59	
85	24 59	
86	24 59	
87	24 59	
88	24 59	
89	24 59	
90	24 59	
91	24 59	
92	24 59	
93	24 58	
94	24 58	
95	24 58	
96	24 58	
97	24 58	
98	24 57	
99	24 57	
100	24 57	
101	24 57	
102	24 57	
103	24 57	
104	24 57	
105	24 57	
106	24 56	
107	24 56	
108	24 56	
109	24 56	
110	24 56	
111	24 56	
112	24 56	
113	24 56	
114	24 56	
115	24 56	
116	24 56	
117	24 56	
118	24 56	
119	24 55	
120	24 55	
121	24 55	
122	24 55	
123	24 55	
124	24 55	
125	24 54	
126	24 54	
127	24 54	
128	24 54	
129	24 54	
130	24 54	
131	24 54	
132	24 54	

Elapsed Time	Value	Hand Meas
133	24 54	
134	24 54	
135	24 54	
136	24 54	
137	24 54	
138	24 54	
139	24 54	
140	24 53	
141	24 53	
142	24 53	
143	24 53	
144	24 53	
145	24 53	
146	24 53	
147	24 53	
148	24 53	
149	24 53	
150	24 53	
151	24 52	
152	24 52	
153	24 52	
154	24 52	
155	24 52	
156	24 52	
157	24 52	
158	24 52	
159	24 52	
160	24 52	
161	24 52	
162	24 51	
163	24 51	
164	24 51	
165	24 51	
166	24 51	
167	24 51	
168	24 51	
169	24 51	
170	24 51	
171	24 51	
172	24 51	
173	24 51	
174	24 51	
175	24 5	
176	24 5	
177	24 5	
178	24 5	
179	24 5	
180	24 5	
181	24 5	
182	24 5	
183	24 5	
184	24 5	
185	24 5	
186	24 5	
187	24 5	
188	24 5	
189	24 49	
190	24 49	
191	24 5	
192	24 49	
193	24 49	

Elapsed Time	Value	Hand Meas
194	24 49	
195	24 49	
196	24 49	
197	24 49	
198	24 49	
199	24 49	
200	24 49	
230	24 47	
260	24 48	
290	24 48	
320	24 47	
350	24 47	
380	24 47	
410	24 46	
440	24 46	
470	24 47	
500	24 48	
530	24 48	
560	24 48	
590	24 48	
620	24 47	
650	24 47	
680	24 46	
710	24 46	
740	24 46	
770	24 47	
800	24 47	
830	24 47	
860	24 46	
890	24 46	
920	24 46	
950	24 46	
980	24 47	
1010	24 47	
1040	24 48	
1070	24 49	
1100	24 49	
1130	24 48	
1160	24 48	
1190	24 47	
1220	24 46	
1250	24 46	
1280	24 45	
1310	24 45	
1340	24 44	
1370	24 43	
1400	24 43	
1430	24 42	
1460	24 41	
1490	24 41	
1520	24 41	
1550	24 4	
1580	24 4	
1610	24 4	
1640	24 4	
1670	24 39	
1700	24 39	
1730	24 38	
1760	24 38	
1790	24 38	
1820	24 38	

Elapsed T`me	Valu	Hand M s	Elapsed Time	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1850	24 37		3680	24 36				
1880	24 37		3710	24 36				
1910	24 38		3740	24 37				
1940	24 4		3770	24 37				
1970	24 4		3800	24 38				
2000	24 41		3830	24 38				
2030	24 43		3860	24 39				
2060	24 43		3890	24 4				
2090	24 43		3920	24 4				
2120	24 43		3950	24 4				
2150	24 43		3980	24 4				
2180	24 42		4010	24 4				
2210	24 42		4040	24 4				
2240	24 41		4070	24 4				
2270	24 39		4100	24 4				
2300	24 38		4130	24 4				
2330	24 38		4160	24 39				
2360	24 38		4190	24 43				
2390	24 37		4220	24 43	24 41			
2420	24 36							
2450	24 36							
2480	24 36							
2510	24 36							
2540	24 36							
2570	24 36							
2600	24 36							
2630	24 35							
2660	24 36							
2690	24 36							
2720	24 36							
2750	24 36							
2780	24 36							
2810	24 36							
2840	24 36							
2870	24 36							
2900	24 36							
2930	24 35							
2960	24 36							
2990	24 36							
3020	24 37							
3050	24 36							
3080	24 36							
3110	24 36							
3140	24 36							
3170	24 35							
3200	24 36							
3230	24 36							
3260	24 36							
3290	24 35							
3320	24 35							
3350	24 35							
3380	24 35							
3410	24 36							
3440	24 36							
3470	24 36							
3500	24 36							
3530	24 35							
3560	24 35							
3590	24 35							
3620	24 36							
3650	24 36							

SITE 2

OB20491

SE1000B
Environmental Logger
06/22 13 02

Unit# 1008 Test# 0

INPUT 2 Level (F) TOC

Reference 24 59
Scale Factor 9 99
Offset 0 01

Step# 0 6/19 13 30

El psed T m	V l	Hand Meas	Elapsed T'me	Value	Hand Mea	Elapsed Time	Value	Hand Meas.
0	24 58	24 59	1 5	24 58		30	24 58	
0 0033	24 58		1 5833	24 58		31	24 58	
0 0066	24 58		1 6667	24 58		32	24 58	
0 0099	24 58		1 75	24 58		33	24 57	
0 0133	24 58		1 8333	24 58		34	24 58	
0 0166	24 58		1 9167	24 58		35	24 57	
0 02	24 57		2	24 58		36	24 57	
0 0233	24 58		2 5	24 58		37	24 57	
0 0266	24 57		3	24 58		38	24 57	
0 03	24 58		3 5	24 58		39	24 58	
0 0333	24 58		4	24 58		40	24 58	
0 05	24 58		4 5	24 58		41	24 58	
0 0666	24 58		5	24 58		42	24 58	
0 0833	24 58		5 5	24 58		43	24 58	
0 1	24 58		6	24 58		44	24 58	
0 1166	24 58		6 5	24 58		45	24 58	
0 1333	24 58		7	24 58		46	24 58	
0 15	24 58		7 5	24 58		47	24 58	
0 1666	24 58		8	24 58		48	24 57	
0 1833	24 58		8 5	24 58		49	24 57	
0 2	24 58		9	24 58		50	24 57	
0 2166	24 58		9 5	24 58		51	24 57	
0 2333	24 58		10	24 58		52	24 57	
0 25	24 58		11	24 58		53	24 58	
0 2666	24 58		12	24 58		54	24 57	
0 2833	24 58		13	24 57		55	24 58	
0 3	24 58		14	24 58		56	24 57	
0 3166	24 58		15	24 57		57	24 58	
0 3333	24 58		16	24 57		58	24 57	
0 4167	24 58		17	24 57		59	24 58	
0 5	24 58		18	24 57		60	24 58	
0 5833	24 58		19	24 58		61	24 58	
0 6667	24 58		20	24 58		62	24 58	
0 75	24 58		21	24 58		63	24 58	
0 8333	24 58		22	24 58		64	24 58	
0 9167	24 58		23	24 58		65	24 58	
1	24 58		24	24 58		66	24 58	
1 0833	24 58		25	24 58		67	24 58	
1 1667	24 58		26	24 58		68	24 58	
1 25	24 58		27	24 58		69	24 58	
1 3333	24 58		28	24 58		70	24 58	
1 4166	24 58		29	24 58		71	24 58	

Elapsed Time	Value	Hand Meas	Elapsed T me	Val e	Hand Mea	Elapsed Time	Valu	H nd Meas
72	24 58		133	24 57		194	24 55	
73	24 59		134	24 57		195	24 55	
74	24 59		135	24 57		196	24 55	
75	24 59		136	24 57		197	24 55	
76	24 59		137	24 57		198	24 55	
77	24 59		138	24 58		199	24 55	
78	24 59		139	24 58		200	24 55	
79	24 59		140	24 58		230	24 55	
80	24 59		141	24 57		260	24 55	
81	24 58		142	24 57		290	24 57	
82	24 58		143	24 57		320	24 57	
83	24 58		144	24 57		350	24 58	
84	24 58		145	24 57		380	24 58	
85	24 58		146	24 57		410	24 58	
86	24 58		147	24 57		440	24 59	
87	24 58		148	24 57		470	24 59	
88	24 58		149	24 57		500	24 6	
89	24 58		150	24 57		530	24 59	
90	24 58		151	24 57		560	24 59	
91	24 58		152	24 56		590	24 59	
92	24 58		153	24 56		620	24 58	
93	24 58		154	24 56		650	24 58	
94	24 58		155	24 56		680	24 57	
95	24 58		156	24 57		710	24 57	
96	24 58		157	24 57		740	24 57	
97	24 58		158	24 57		770	24 58	
98	24 58		159	24 57		800	24 58	
99	24 58		160	24 57		830	24 57	
100	24 58		161	24 57		860	24 57	
101	24 58		162	24 57		890	24 56	
102	24 58		163	24 57		920	24 56	
103	24 58		164	24 57		950	24 57	
104	24 58		165	24 56		980	24 57	
105	24 58		166	24 56		1010	24 58	
106	24 58		167	24 57		1040	24 59	
107	24 58		168	24 56		1070	24 59	
108	24 58		169	24 56		1100	24 59	
109	24 58		170	24 56		1130	24 59	
110	24 58		171	24 56		1160	24 59	
111	24 58		172	24 56		1190	24 57	
112	24 59		173	24 56		1220	24 56	
113	24 59		174	24 56		1250	24 55	
114	24 59		175	24 56		1280	24 54	
115	24 58		176	24 56		1310	24 53	
116	24 58		177	24 56		1340	24 53	
117	24 58		178	24 56		1370	24 52	
118	24 58		179	24 56		1400	24 52	
119	24 58		180	24 56		1430	24 51	
120	24 58		181	24 56		1460	24 5	
121	24 58		182	24 56		1490	24 5	
122	24 58		183	24 56		1520	24 49	
123	24 58		184	24 56		1550	24 49	
124	24 58		185	24 56		1580	24 48	
125	24 58		186	24 56		1610	24 49	
126	24 58		187	24 55		1640	24 49	
127	24 58		188	24 56		1670	24 48	
128	24 57		189	24 56		1700	24 47	
129	24 57		190	24 55		1730	24 46	
130	24 57		191	24 55		1760	24 47	
131	24 57		192	24 55		1790	24 47	
132	24 57		193	24 55		1820	24 46	

Elapsed Time	V lue	Hand Meas	Elapsed Tim	Value	Hand Meas	Elapsed Time	Value	Hand Meas
1850	24 47		3680	24 46				
1880	24 47		3710	24 46				
1910	24 48		3740	24 47				
1940	24 5		3770	24 47				
1970	24 5		3800	24 48				
2000	24 54		3830	24 49				
2030	24 54		3860	24 5				
2060	24 53		3890	24 5				
2090	24 53		3920	24 51				
2120	24 53		3950	24 5				
2150	24 53		3980	24 51				
2180	24 52		4010	24 51				
2210	24 51		4040	24 5				
2240	24 5		4070	24 5				
2270	24 48		4100	24 5				
2300	24 47		4130	24 5				
2330	24 47		4160	24 49				
2360	24 46		4190	24 49				
2390	24 45		4220	24 49	24 48			
2420	24 45							
2450	24 45							
2480	24 45							
2510	24 45							
2540	24 45							
2570	24 45							
2600	24 45							
2630	24 44							
2660	24 45							
2690	24 45							
2720	24 45							
2750	24 45							
2780	24 45							
2810	24 45							
2840	24 45							
2870	24 45							
2900	24 44							
2930	24 44							
2960	24 45							
2990	24 45							
3020	24 46							
3050	24 44							
3080	24 45							
3110	24 45							
3140	24 44							
3170	24 45							
3200	24 45							
3230	24 45							
3260	24 45							
3290	24 44							
3320	24 44							
3350	24 44							
3380	24 45							
3410	24 45							
3440	24 45							
3470	24 45							
3500	24 45							
3530	24 45							
3560	24 45							
3590	24 45							
3620	24 45							
3650	24 46							