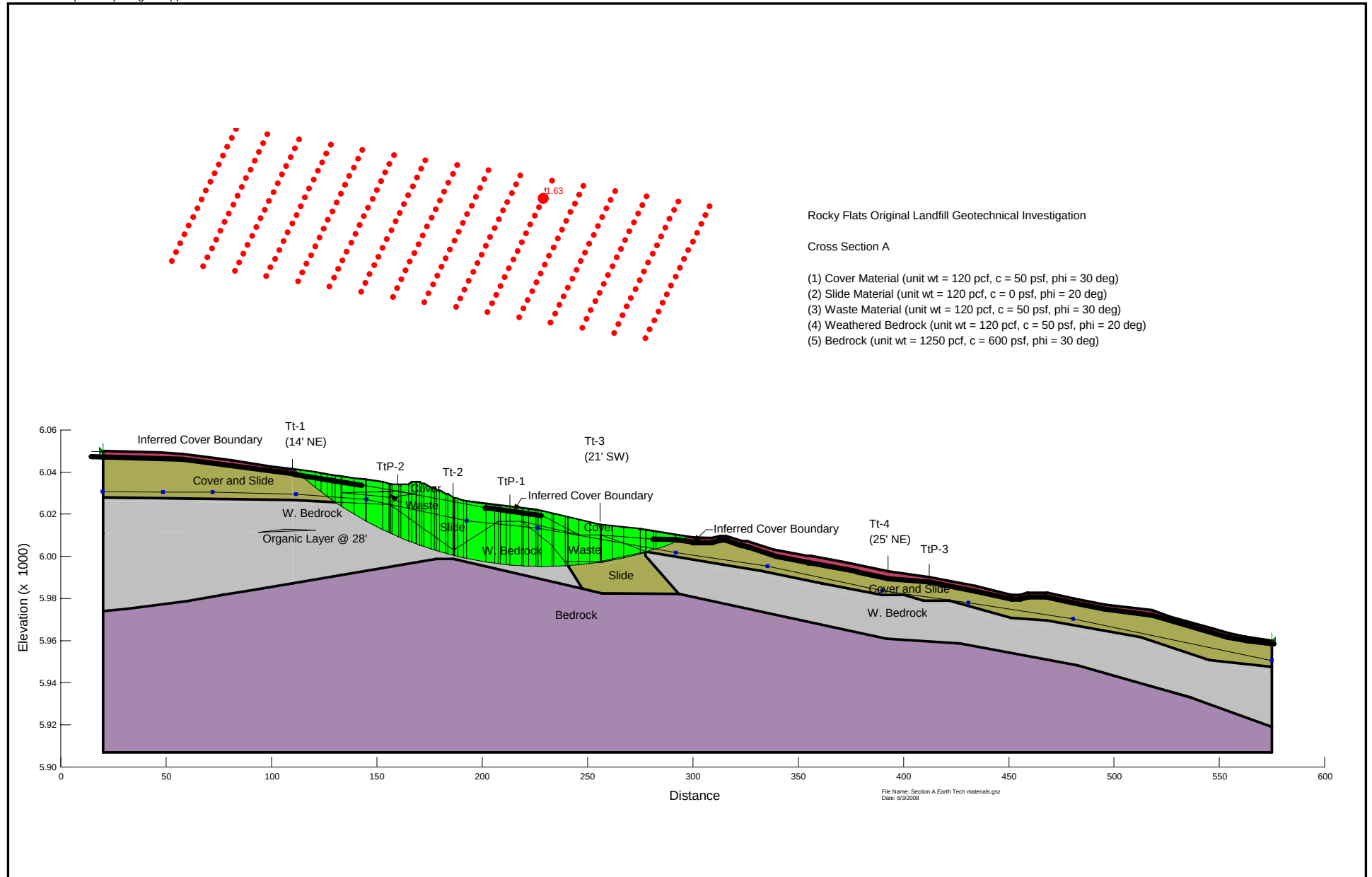


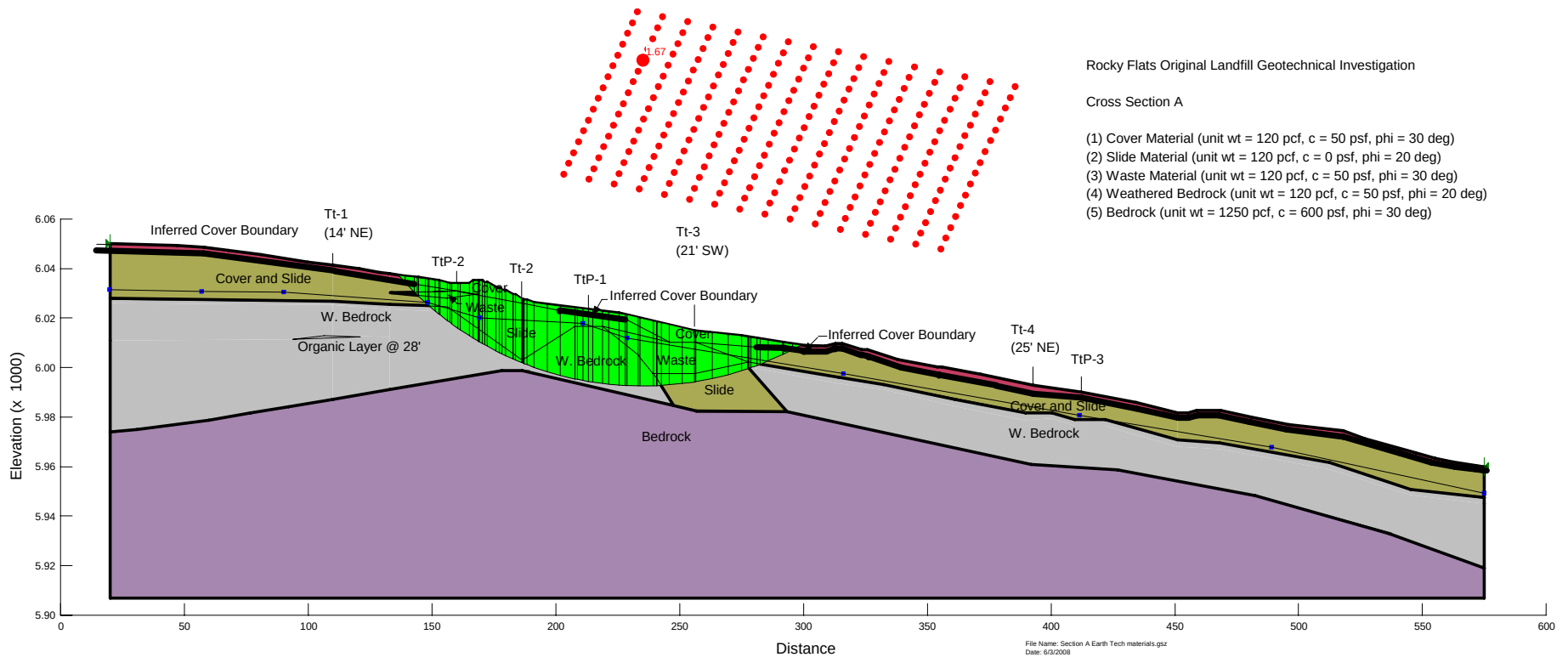


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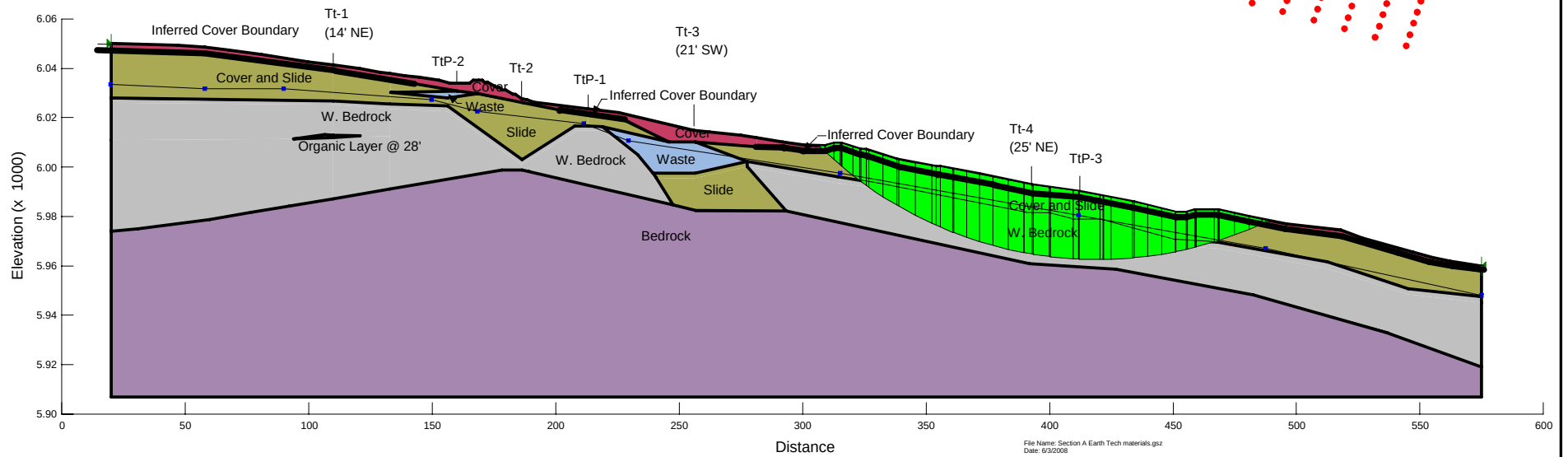
Section A
Slope Stability Upper Section
Earth Tech Material Properties
Figure E-1

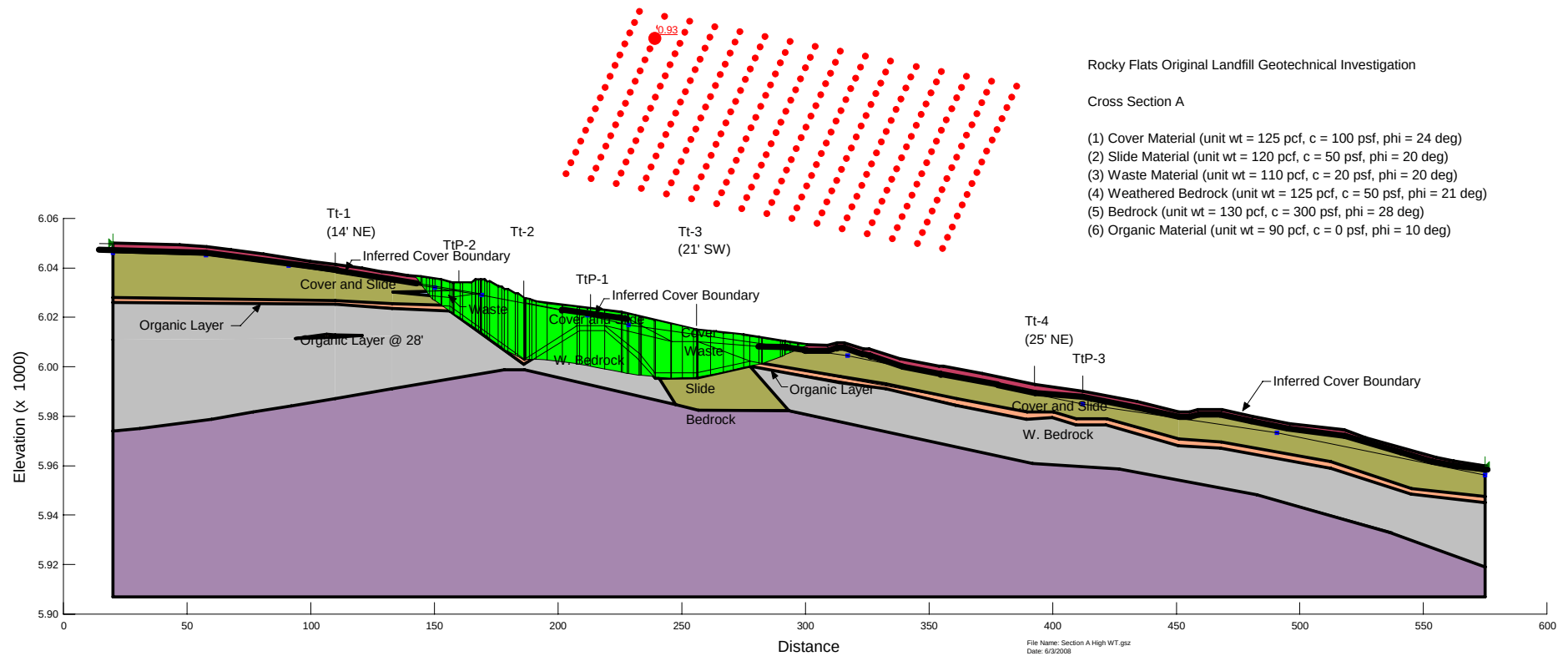


Rocky Flats Original Landfill Geotechnical Investigation

Cross Section A

- (1) Cover Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 0 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (4) Weathered Bedrock (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (5) Bedrock (unit wt = 1250 pcf, c = 600 psf, phi = 30 deg)

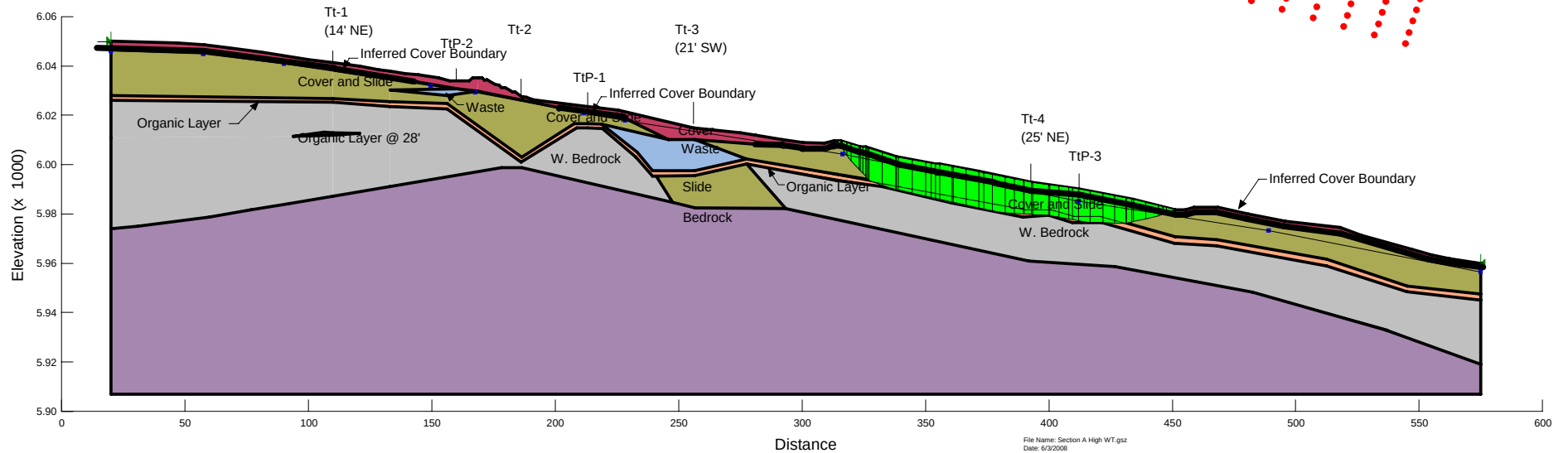


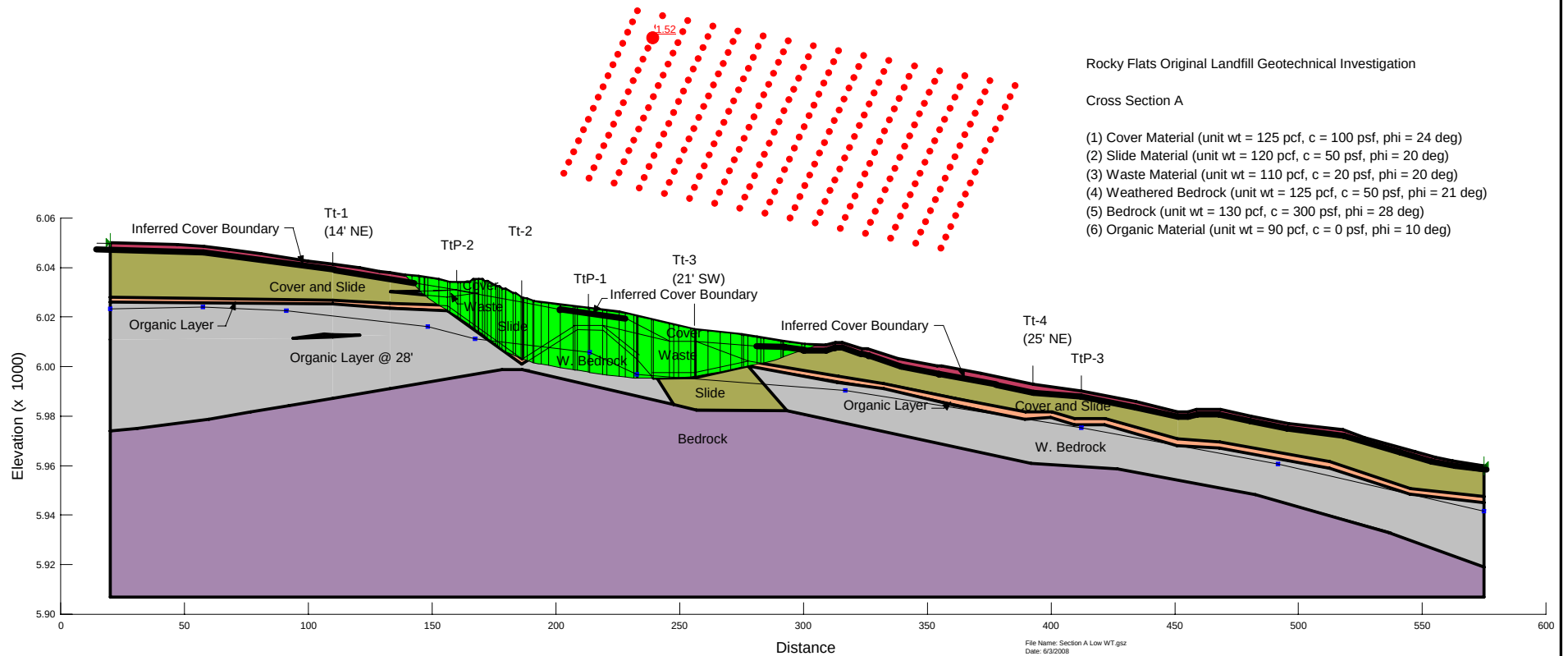


Rocky Flats Original Landfill Geotechnical Investigation

Cross Section A

- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 110 pcf, c = 20 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)

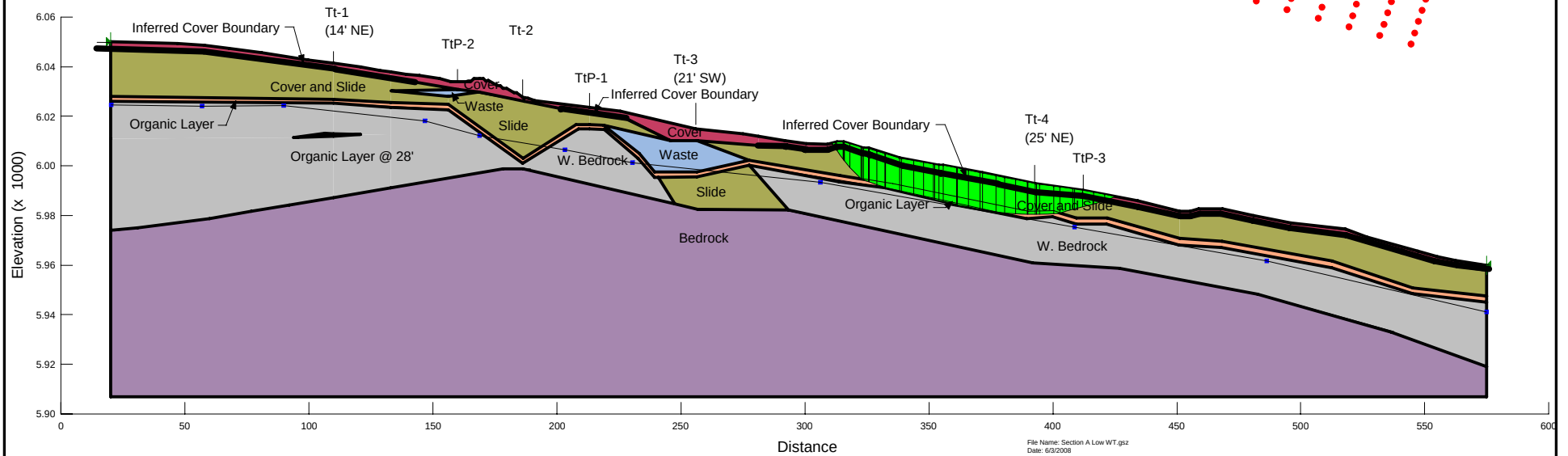




Rocky Flats Original Landfill Geotechnical Investigation

Cross Section A

- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 110 pcf, c = 20 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)

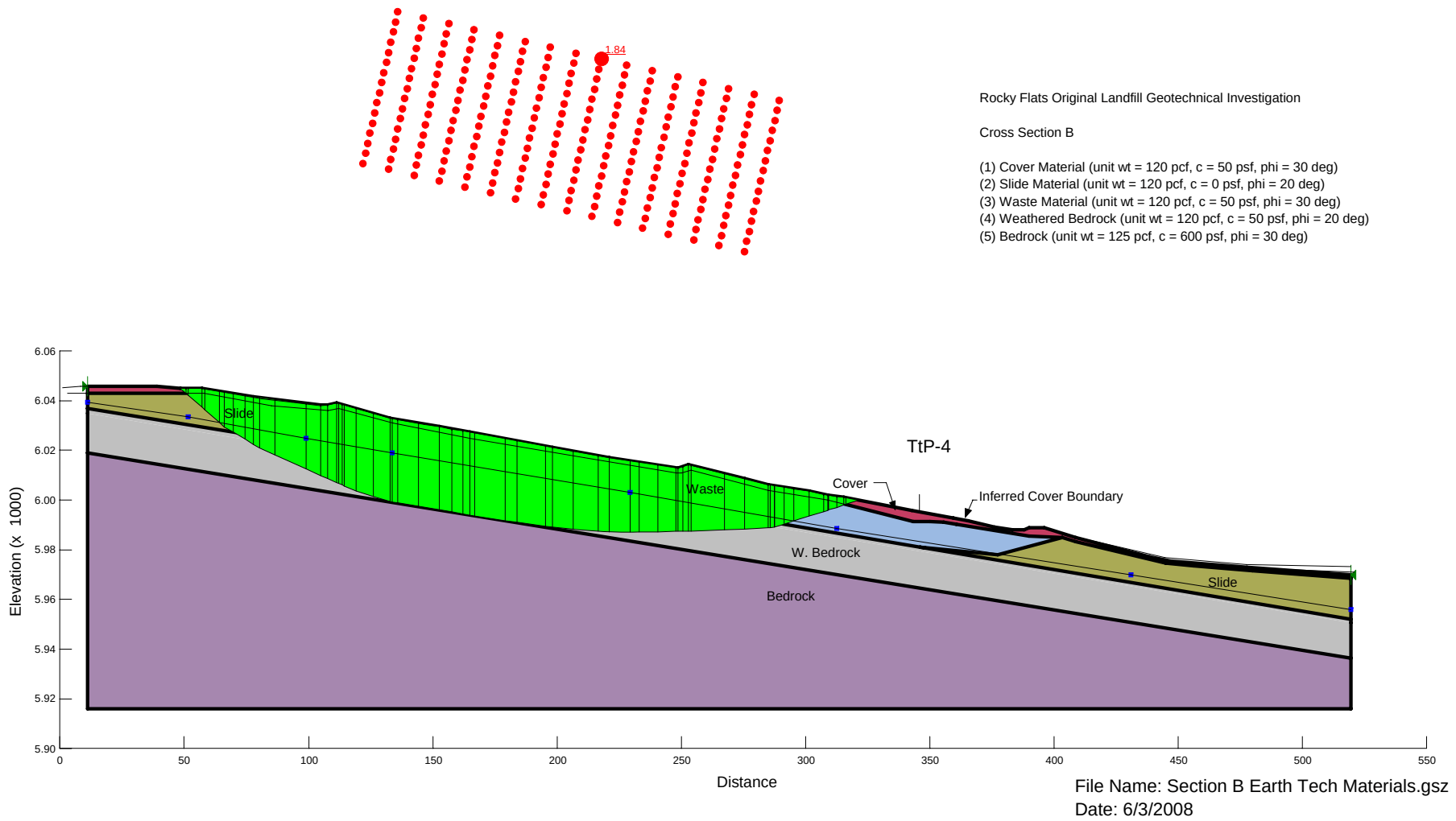


Project No: 181750

May 2008



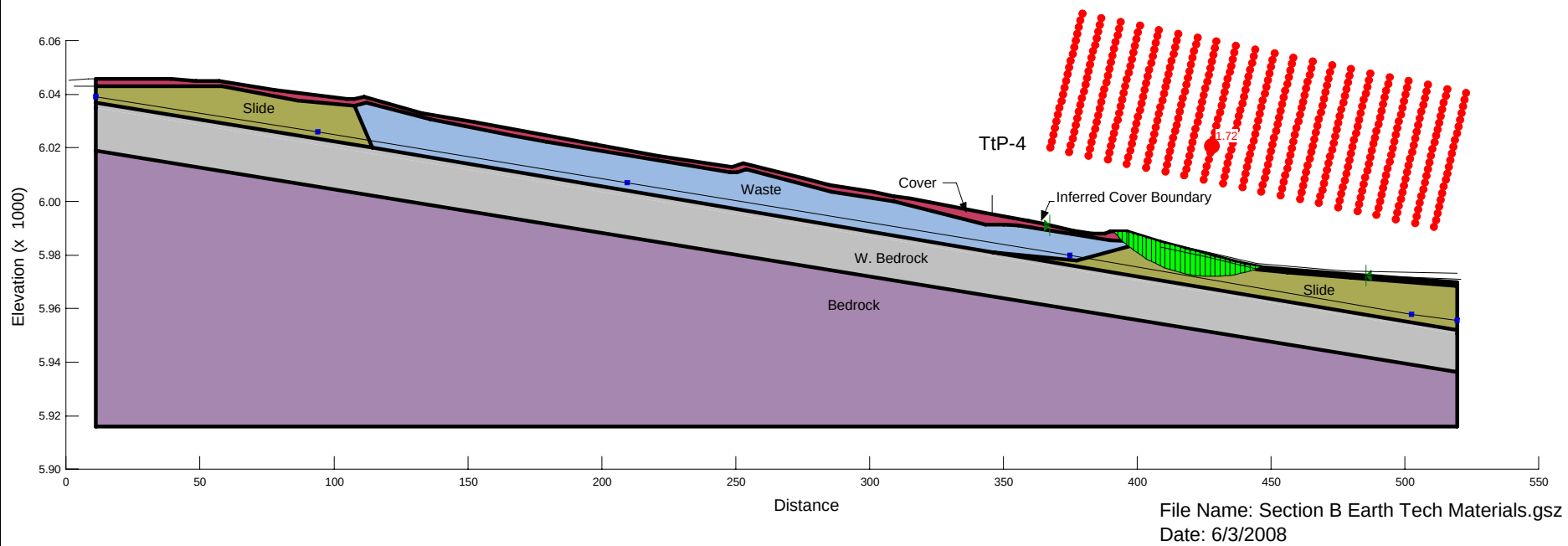
Section A
Slope Stability Lower Section
TetraTech Material Properties – Low Water Table
Figure E-7

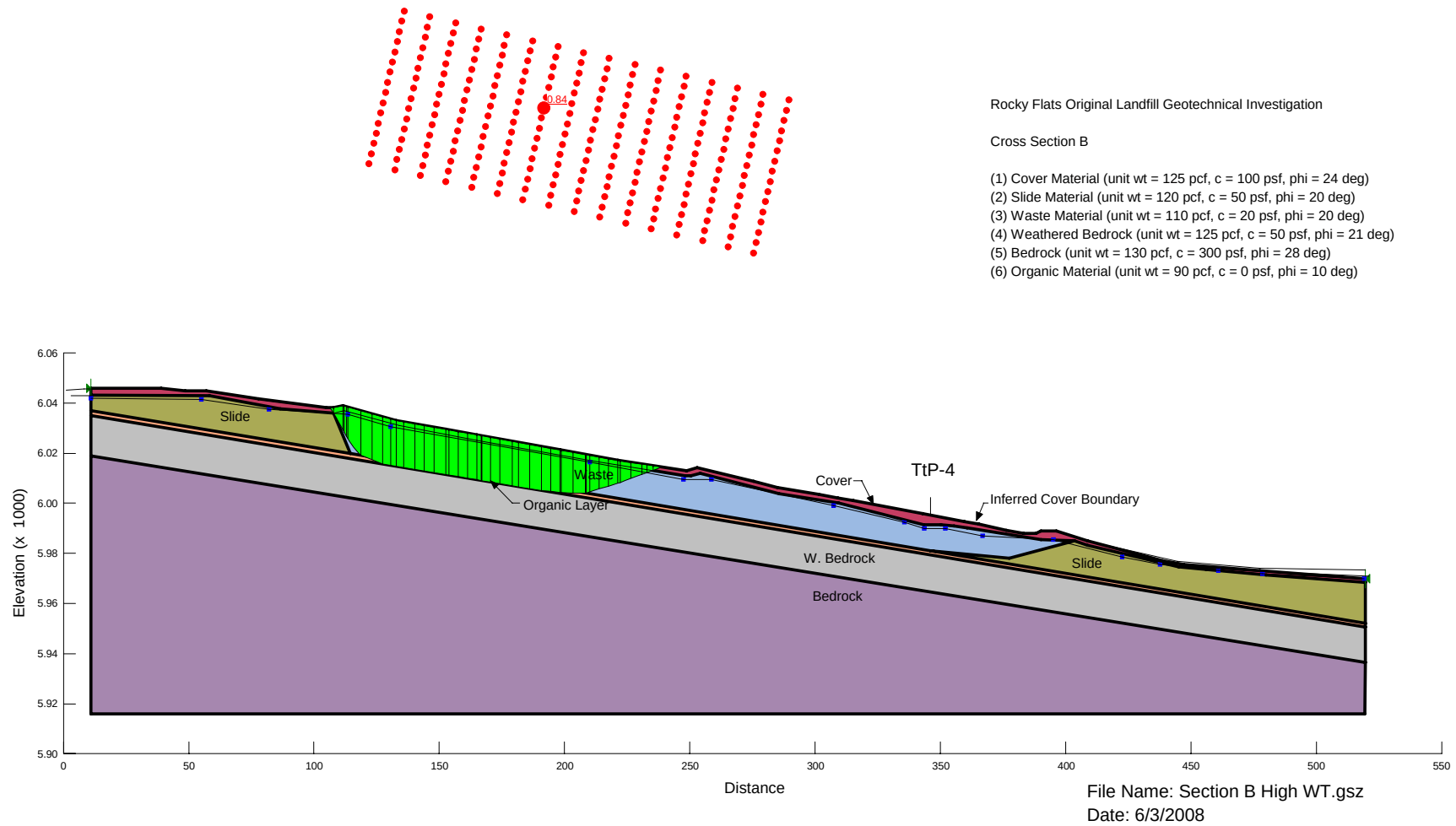


Rocky Flats Original Landfill Geotechnical Investigation

Cross Section B

- (1) Cover Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 0 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (4) Weathered Bedrock (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (5) Bedrock (unit wt = 125 pcf, c = 600 psf, phi = 30 deg)

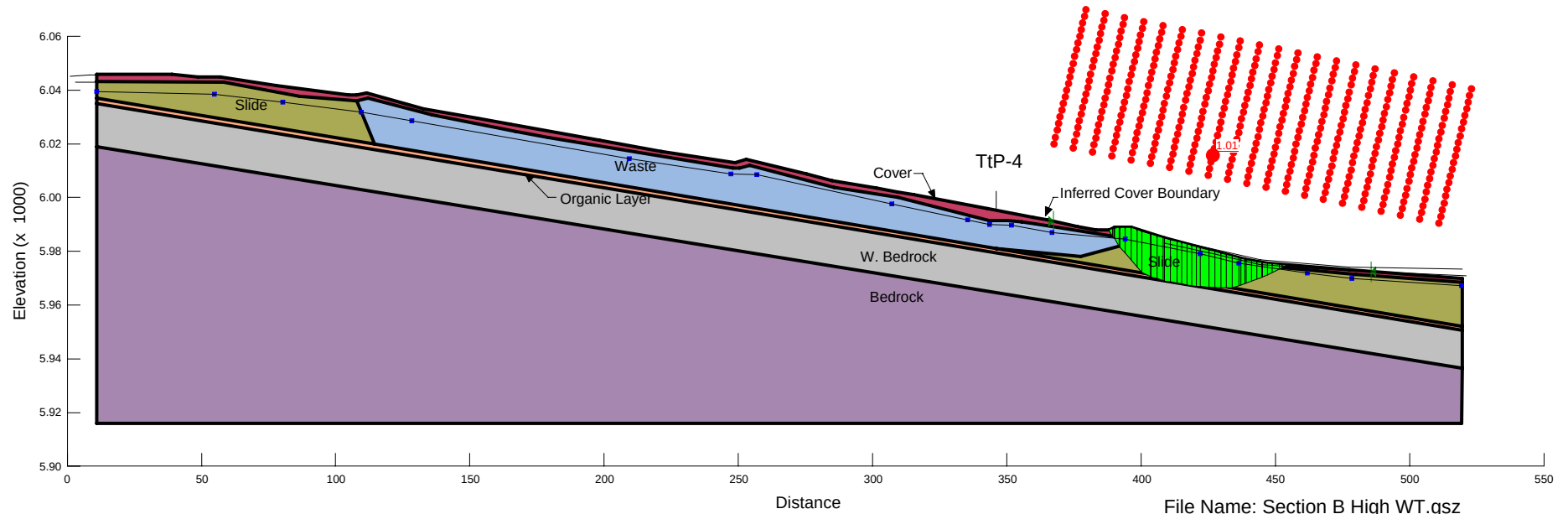




Rocky Flats Original Landfill Geotechnical Investigation

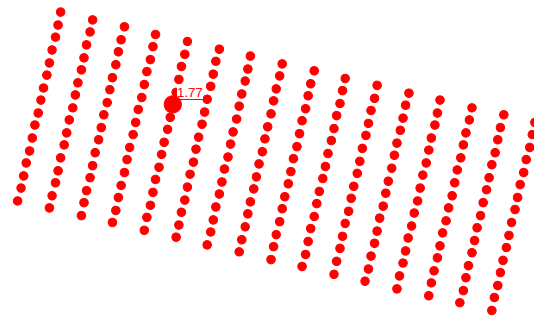
Cross Section B

- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 110 pcf, c = 20 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)



File Name: Section B High WT.gsz
Date: 6/3/2008

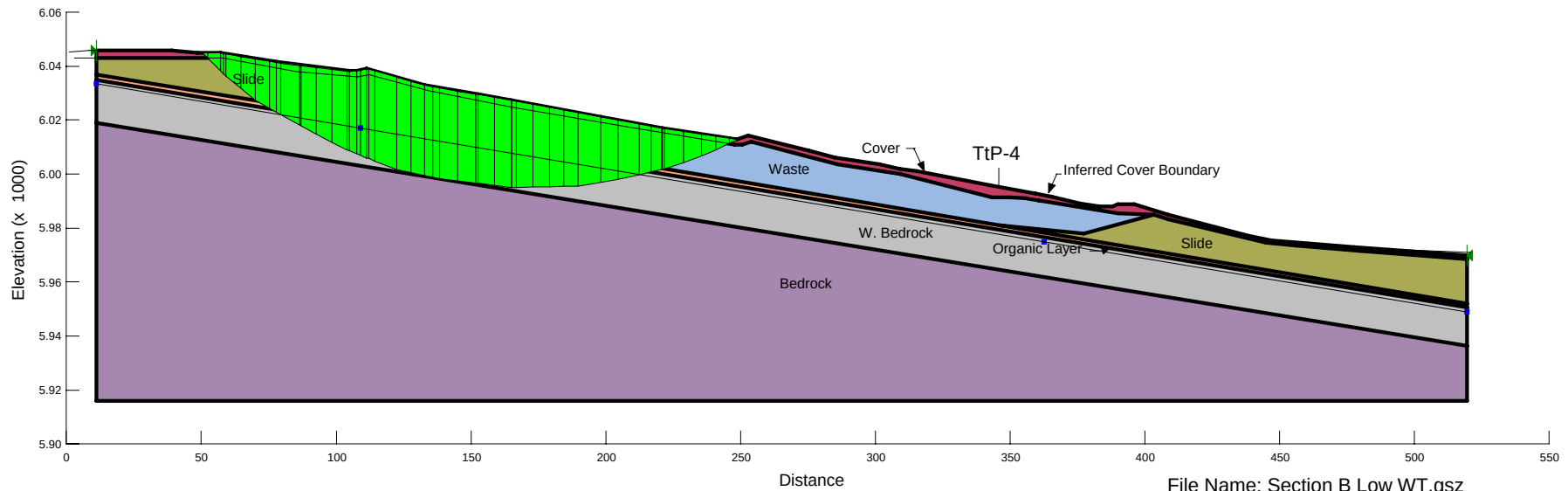




Rocky Flats Original Landfill Geotechnical Investigation

Cross Section B

- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 110 pcf, c = 20 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)



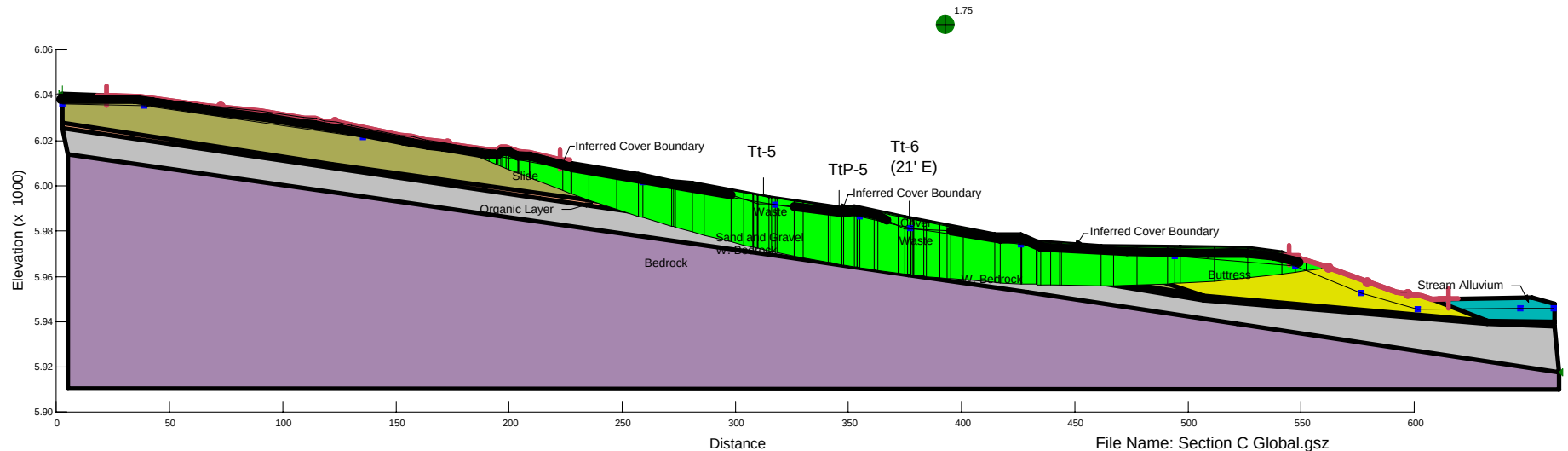
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Date: 6/3/2008



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section C

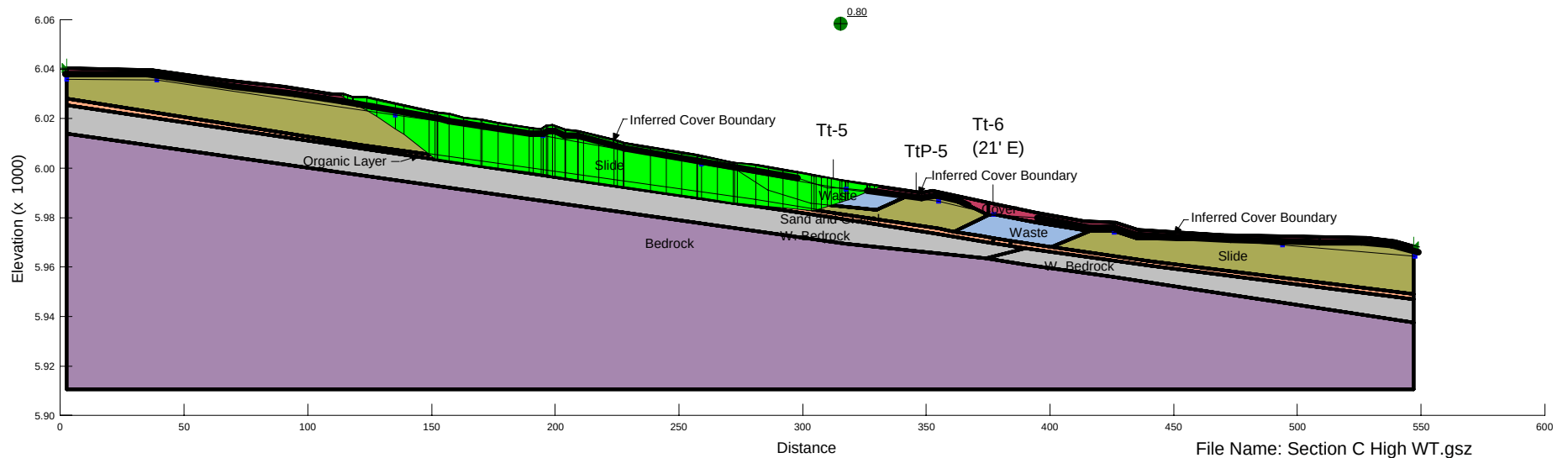
- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 110 pcf, c = 20 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)
- (7) Buttress Material (unit wt = 130 pcf, c = 50 psf, phi = 33 deg)
- (8) Stream Alluvium (unit wt = 125 pcf, c = 0 psf, phi = 33 deg)



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section C

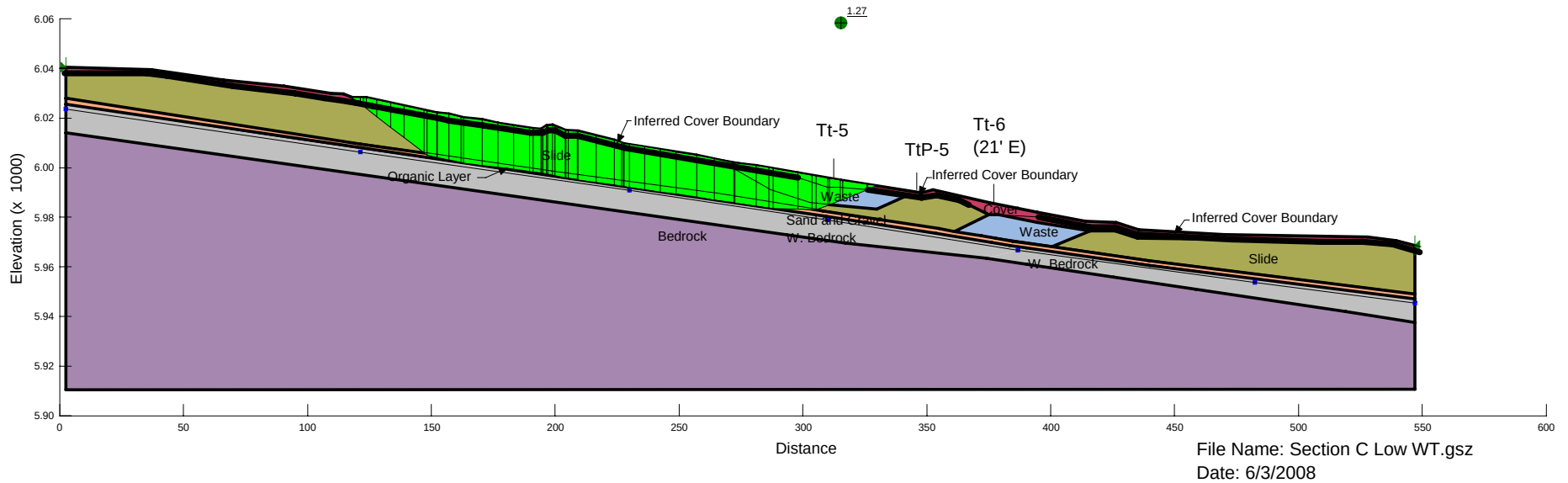
- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 110 pcf, c = 20 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section C

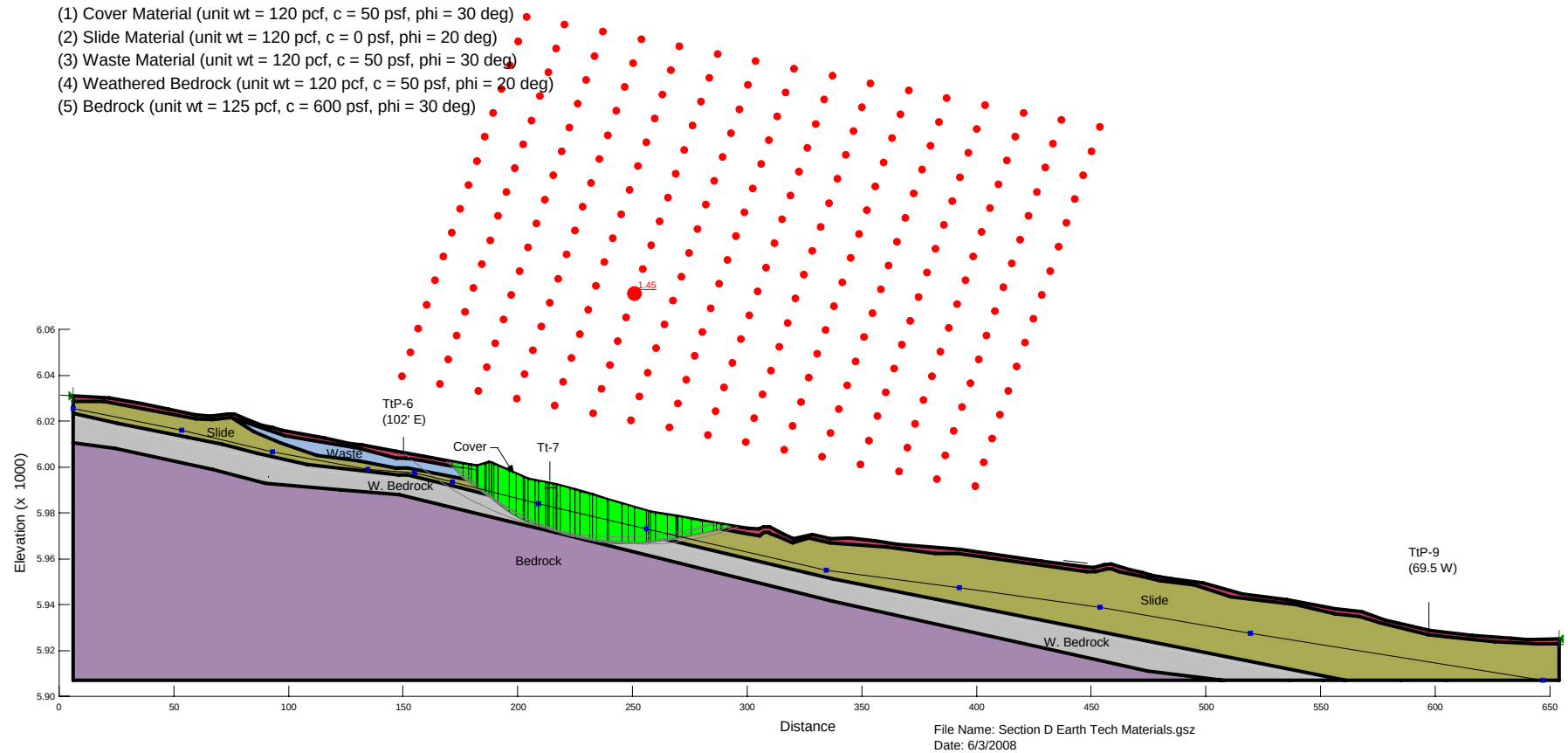
- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 110 pcf, c = 20 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section D

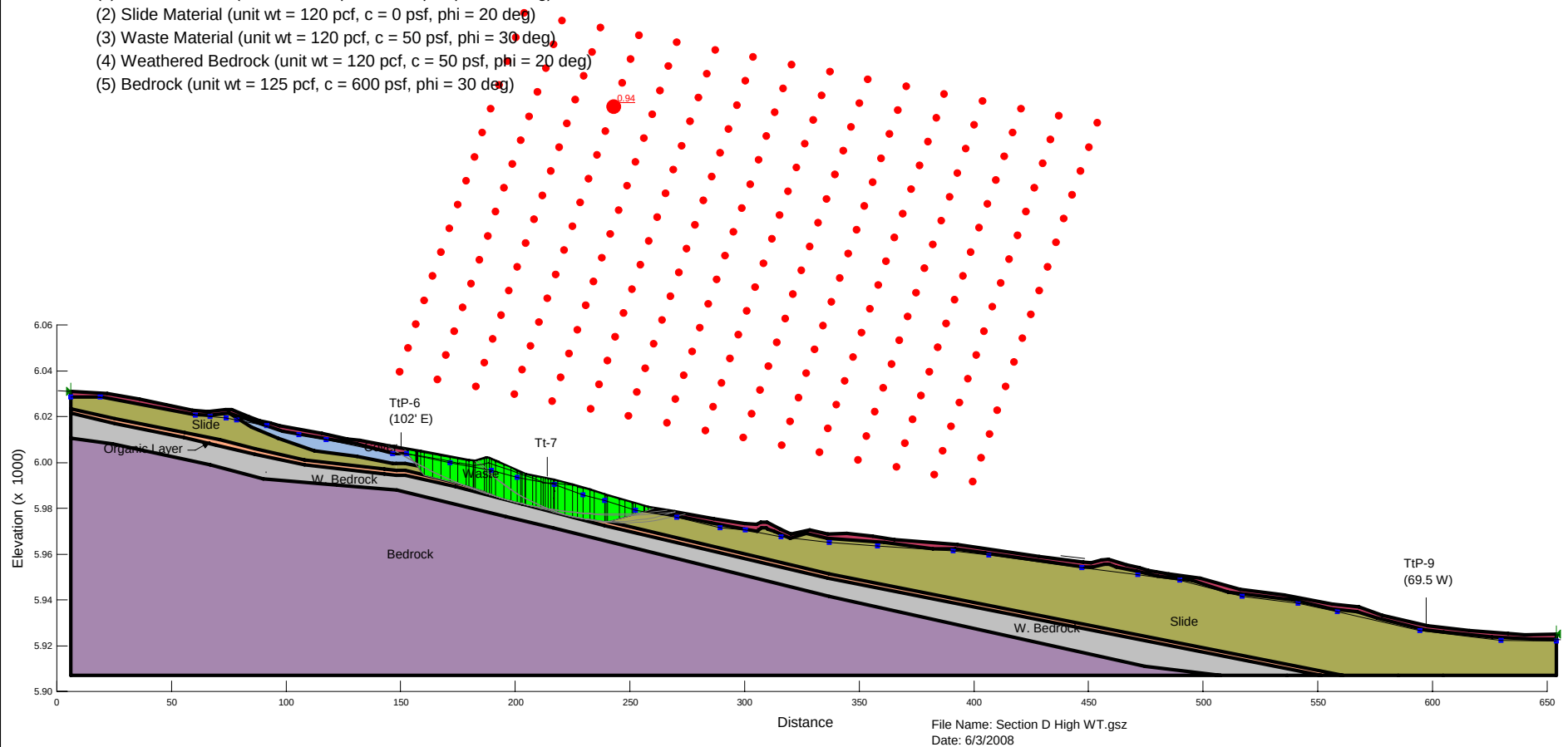
- (1) Cover Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 0 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (4) Weathered Bedrock (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (5) Bedrock (unit wt = 125 pcf, c = 600 psf, phi = 30 deg)



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section D

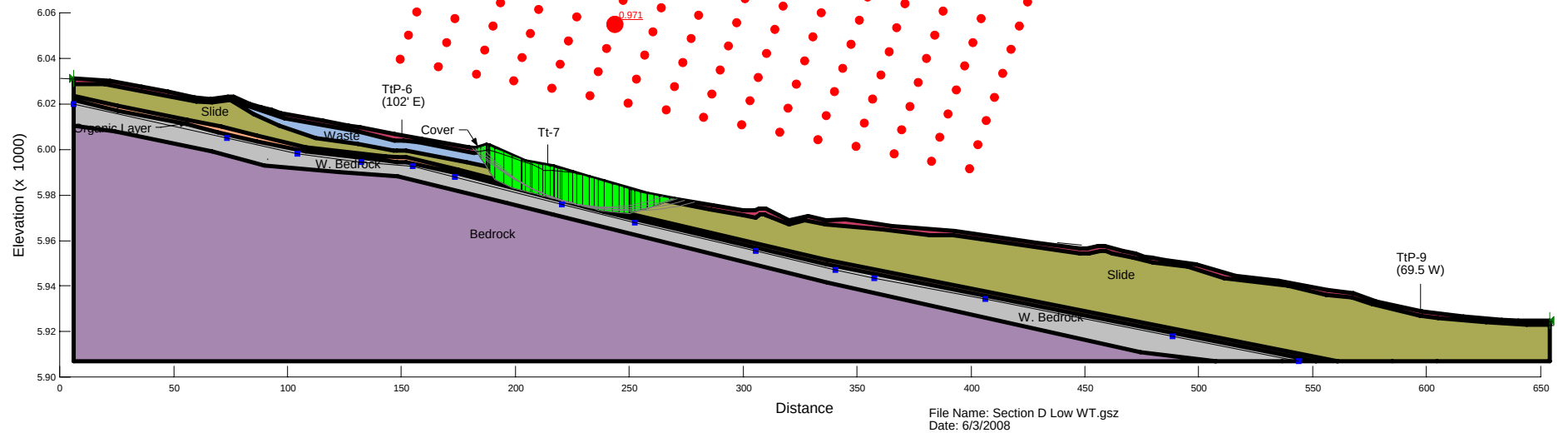
- (1) Cover Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 0 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (4) Weathered Bedrock (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (5) Bedrock (unit wt = 125 pcf, c = 600 psf, phi = 30 deg)



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section D

- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 110 pcf, c = 20 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)



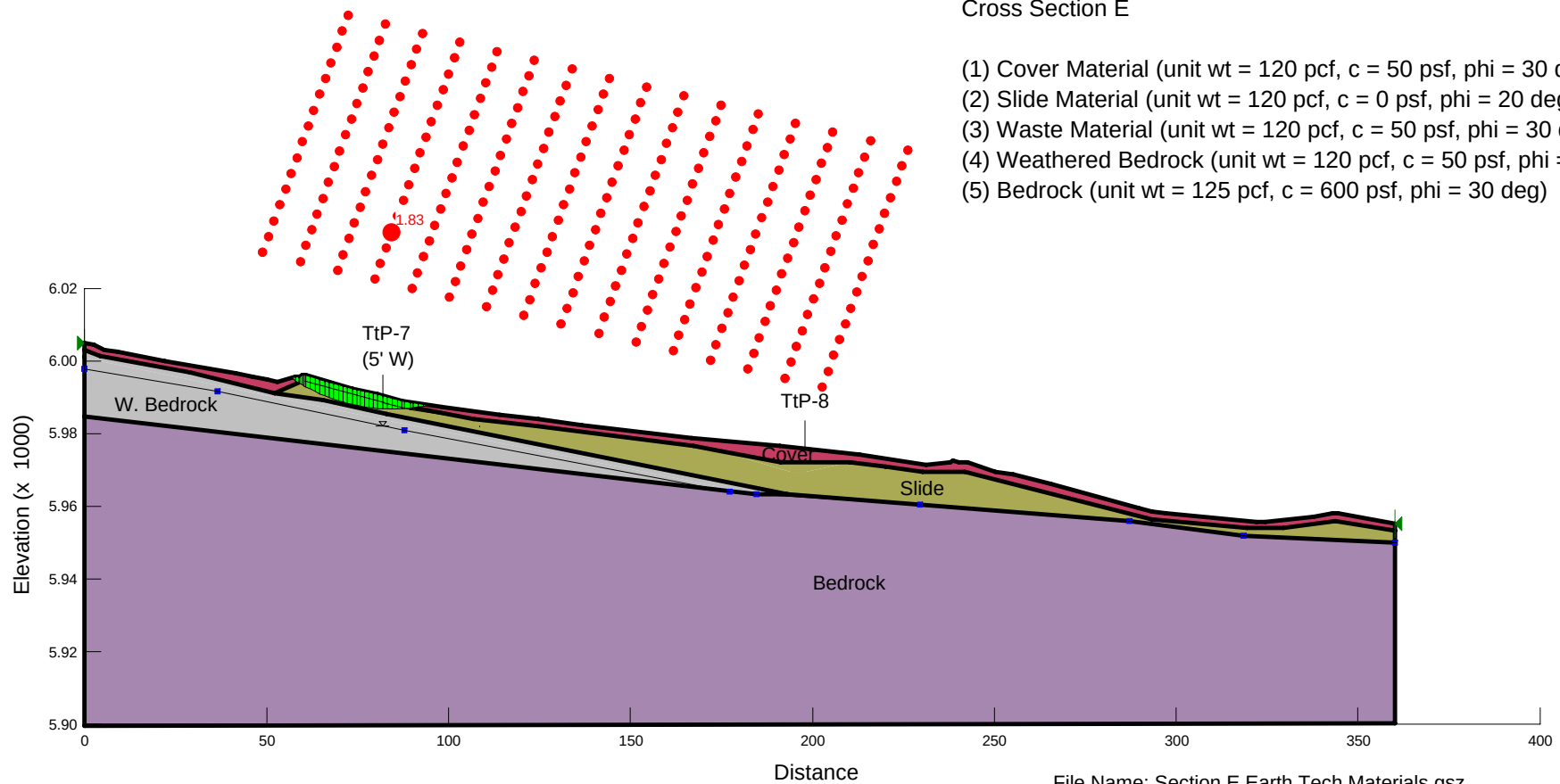
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Date: 6/3/2008



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section E

- (1) Cover Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 0 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (4) Weathered Bedrock (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (5) Bedrock (unit wt = 125 pcf, c = 600 psf, phi = 30 deg)



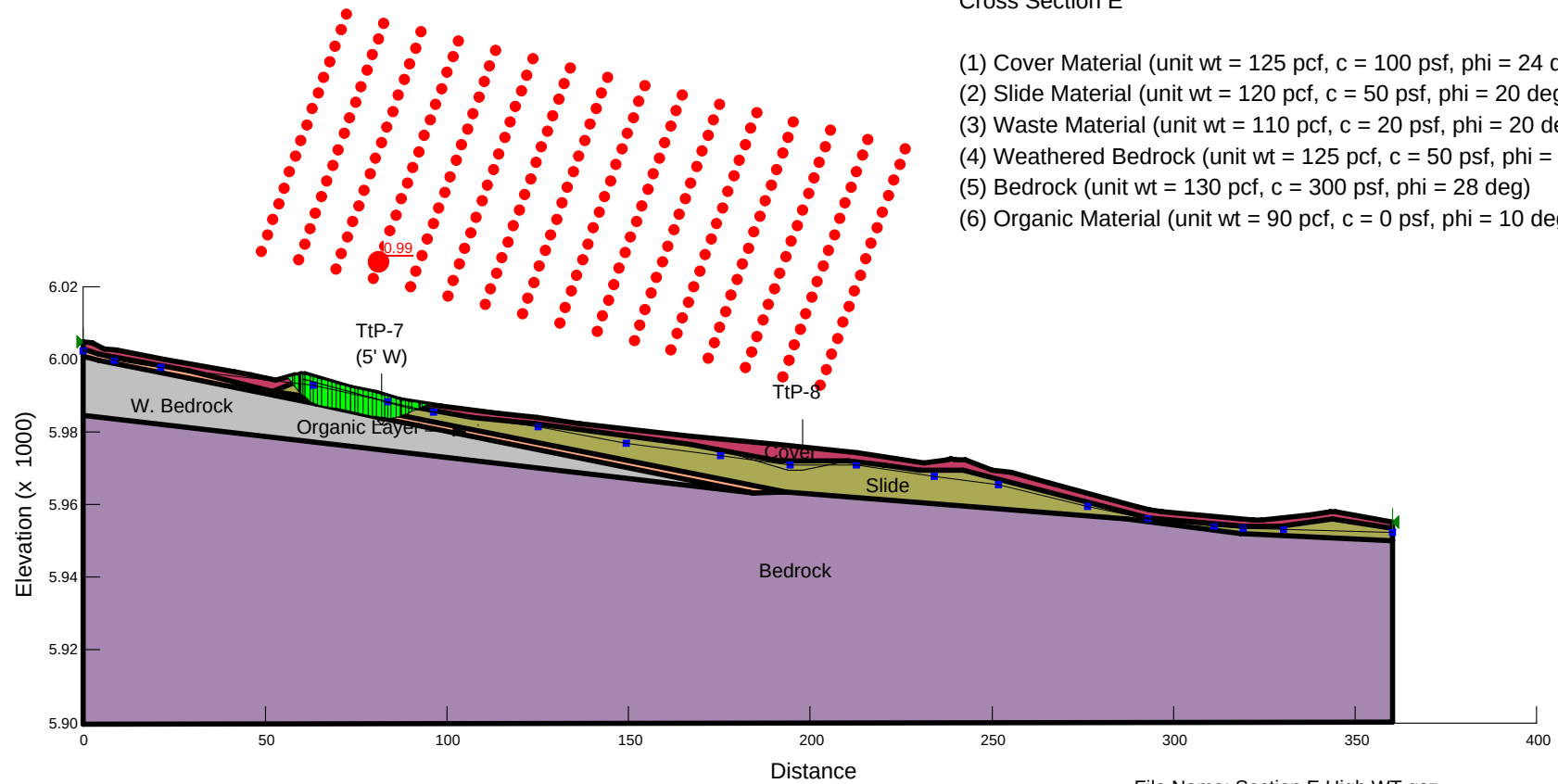
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Date: 6/3/2008



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section E

- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 110 pcf, c = 20 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)



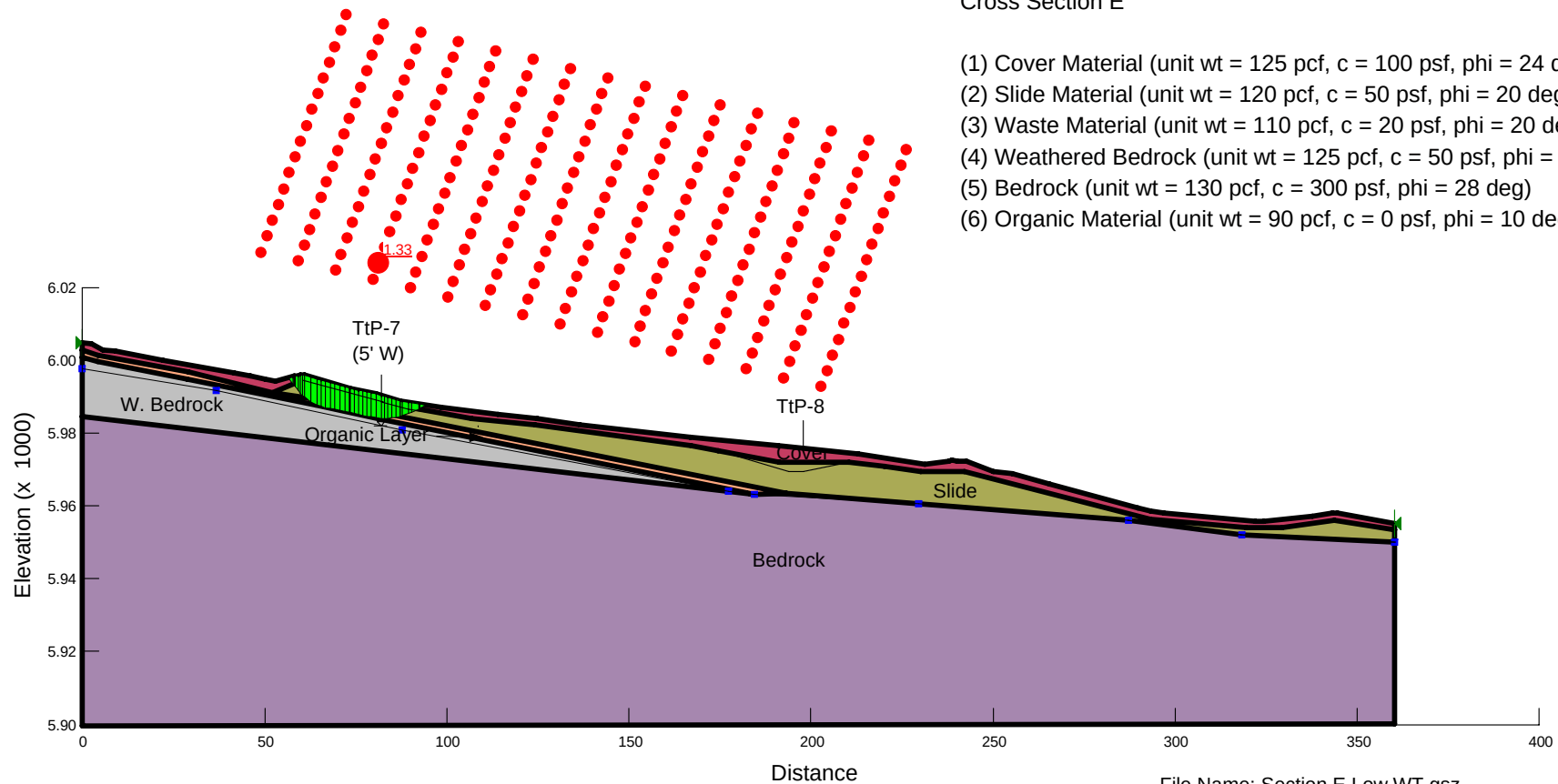
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Date: 6/3/2008



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section E

- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 110 pcf, c = 20 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)



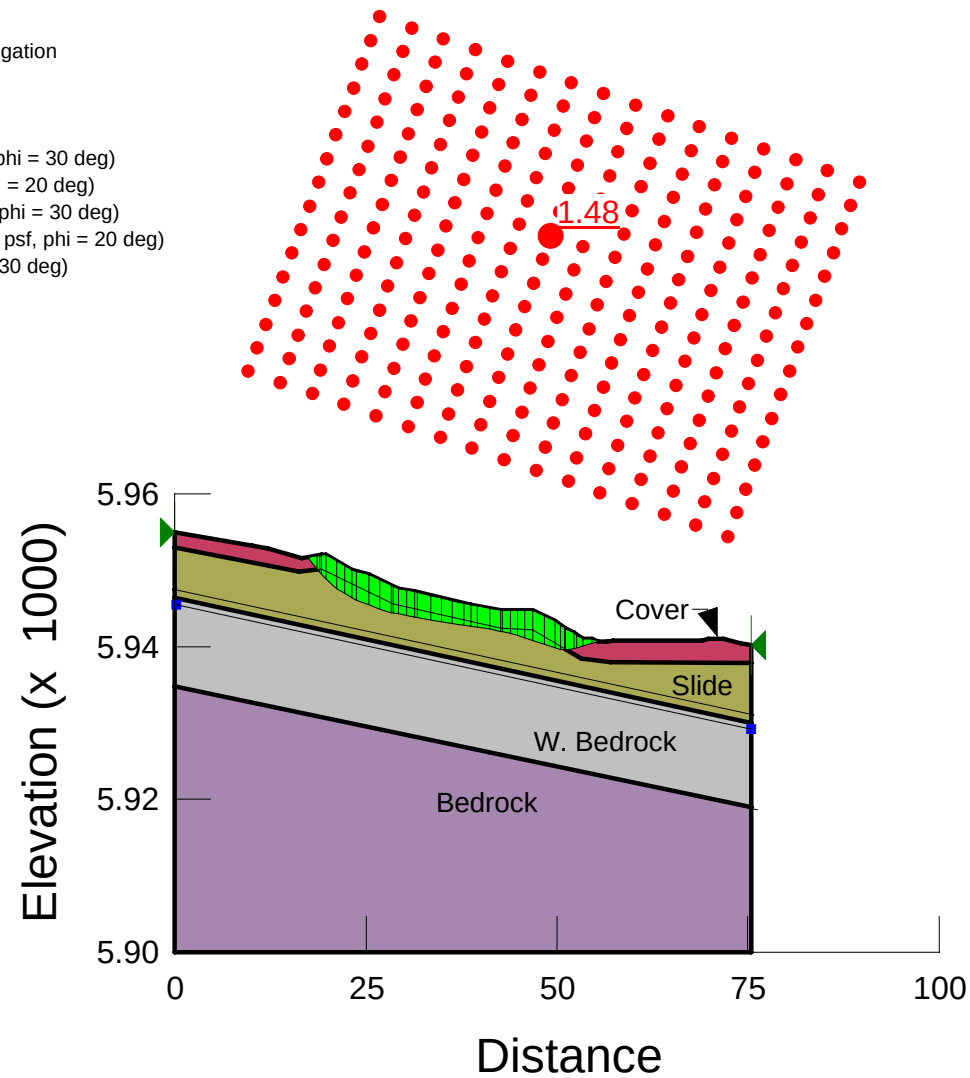
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Date: 6/3/2008



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section F

- (1) Cover Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 0 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (4) Weathered Bedrock (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (5) Bedrock (unit wt = 125 pcf, c = 600 psf, phi = 30 deg)



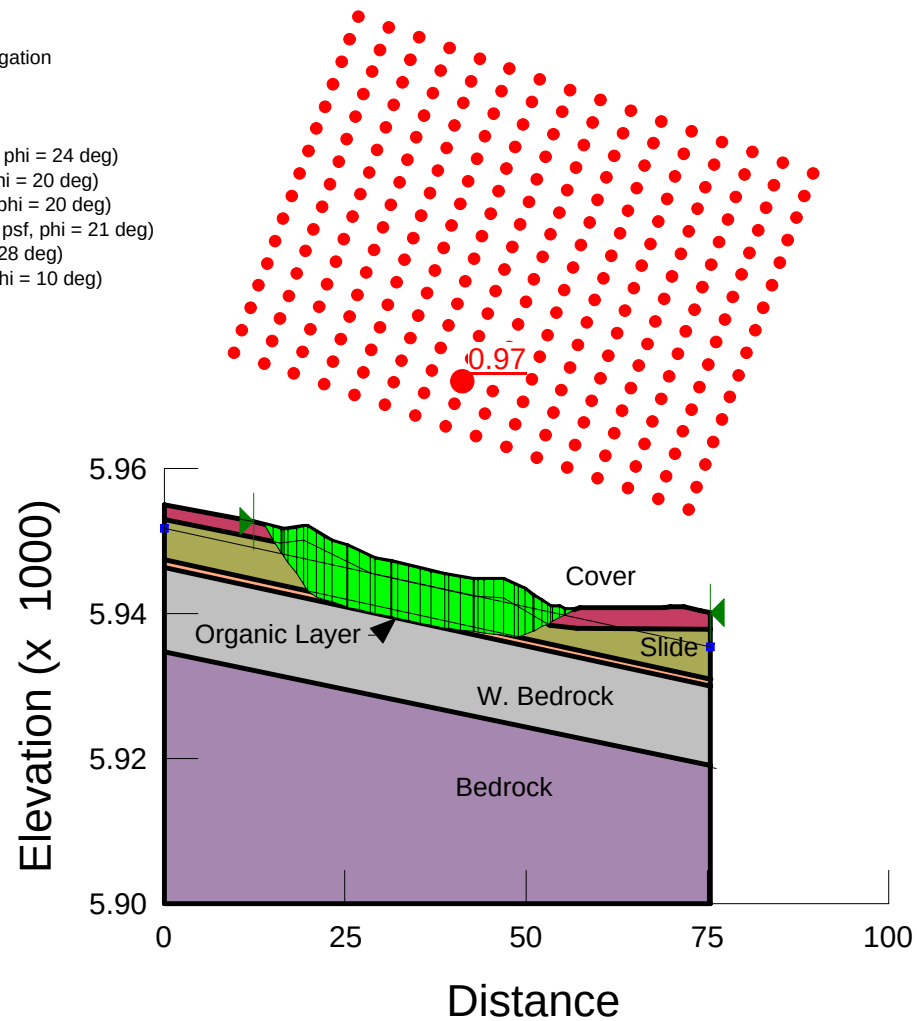
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Rocky Flats Original Landfill Geotechnical Investigation

Cross Section F

- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)



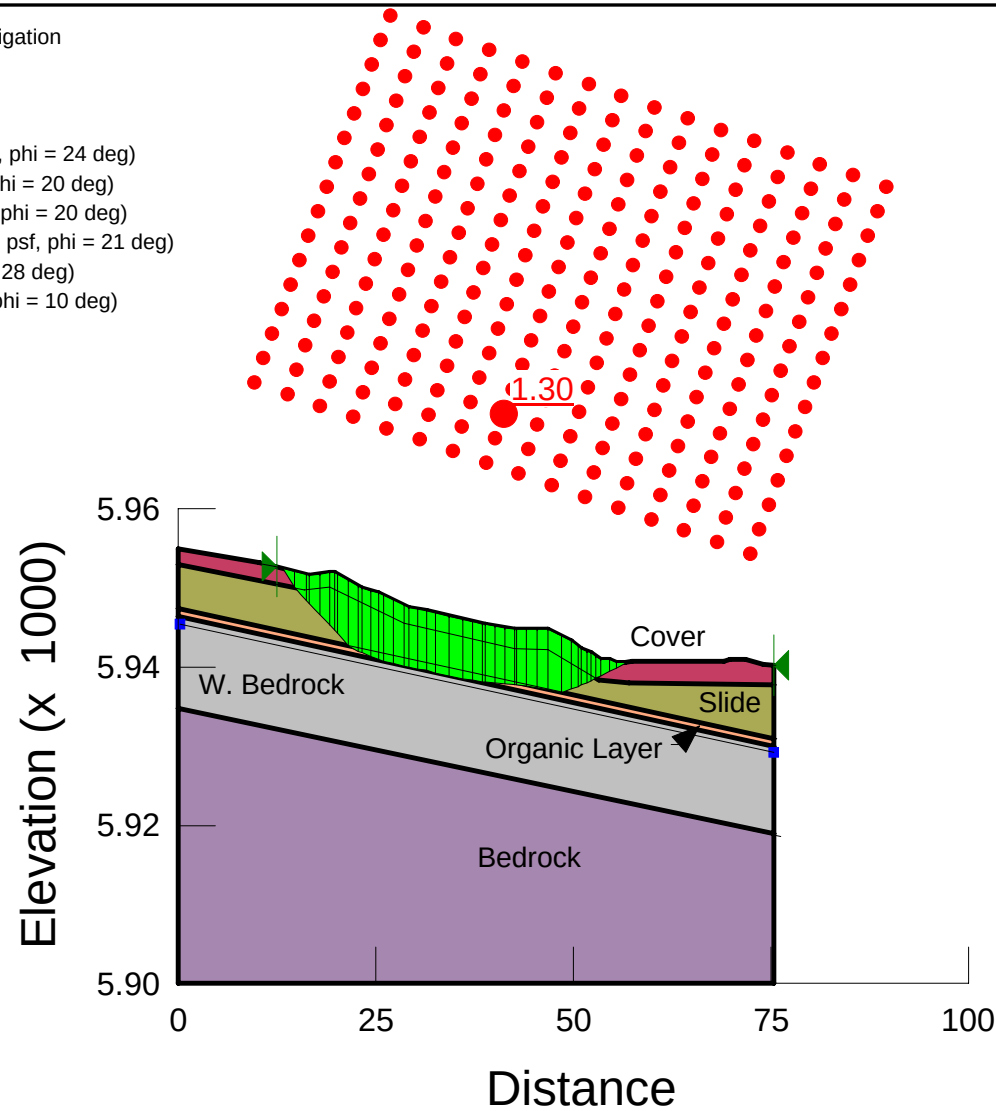
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Date: 6/3/2008



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section F

- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)



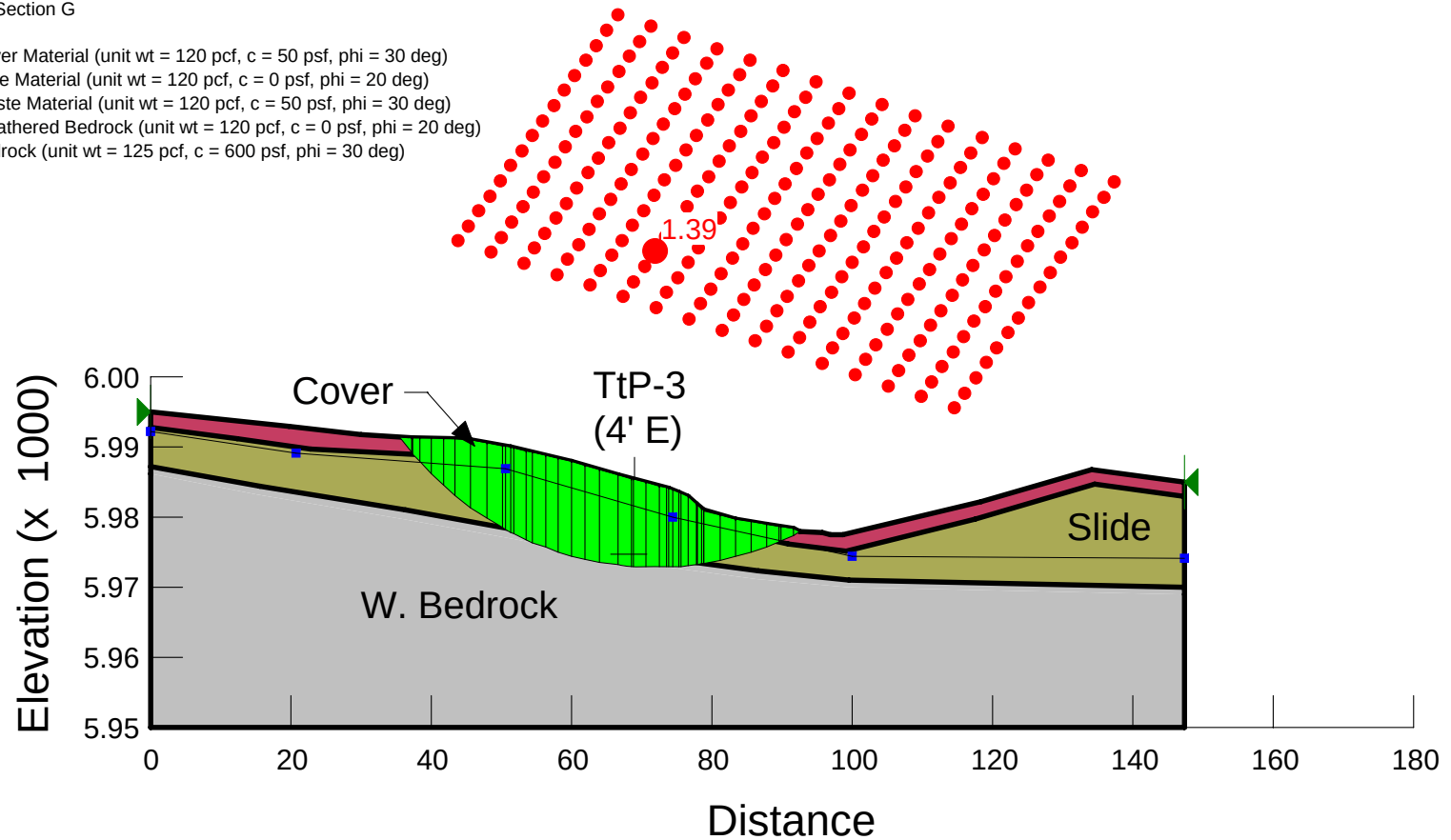
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Date: 6/3/2008



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section G

- (1) Cover Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 0 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 120 pcf, c = 50 psf, phi = 30 deg)
- (4) Weathered Bedrock (unit wt = 120 pcf, c = 0 psf, phi = 20 deg)
- (5) Bedrock (unit wt = 125 pcf, c = 600 psf, phi = 30 deg)



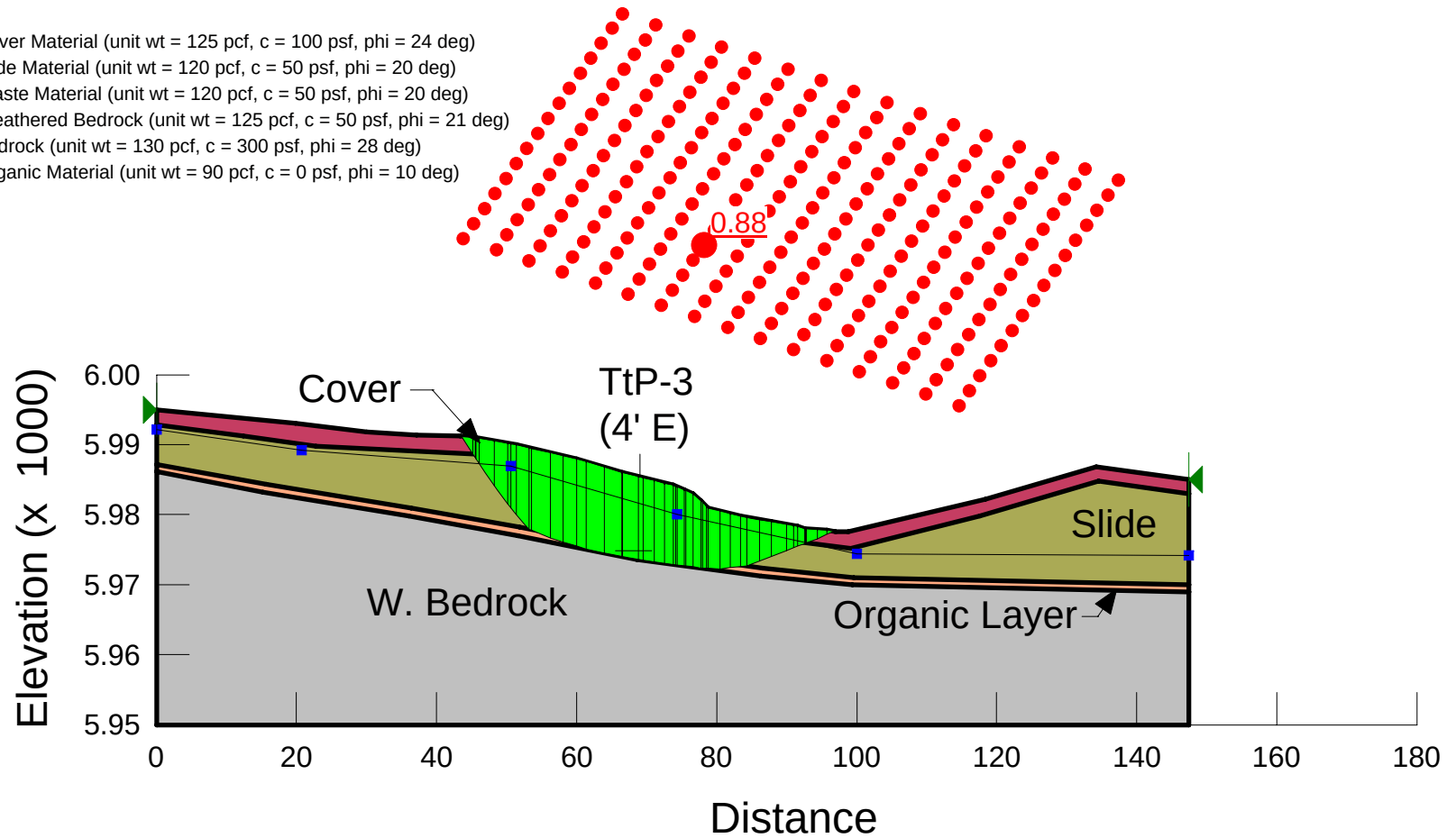
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Date: 6/3/2008



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section G

- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)



File Name: Section G High WT.gsz

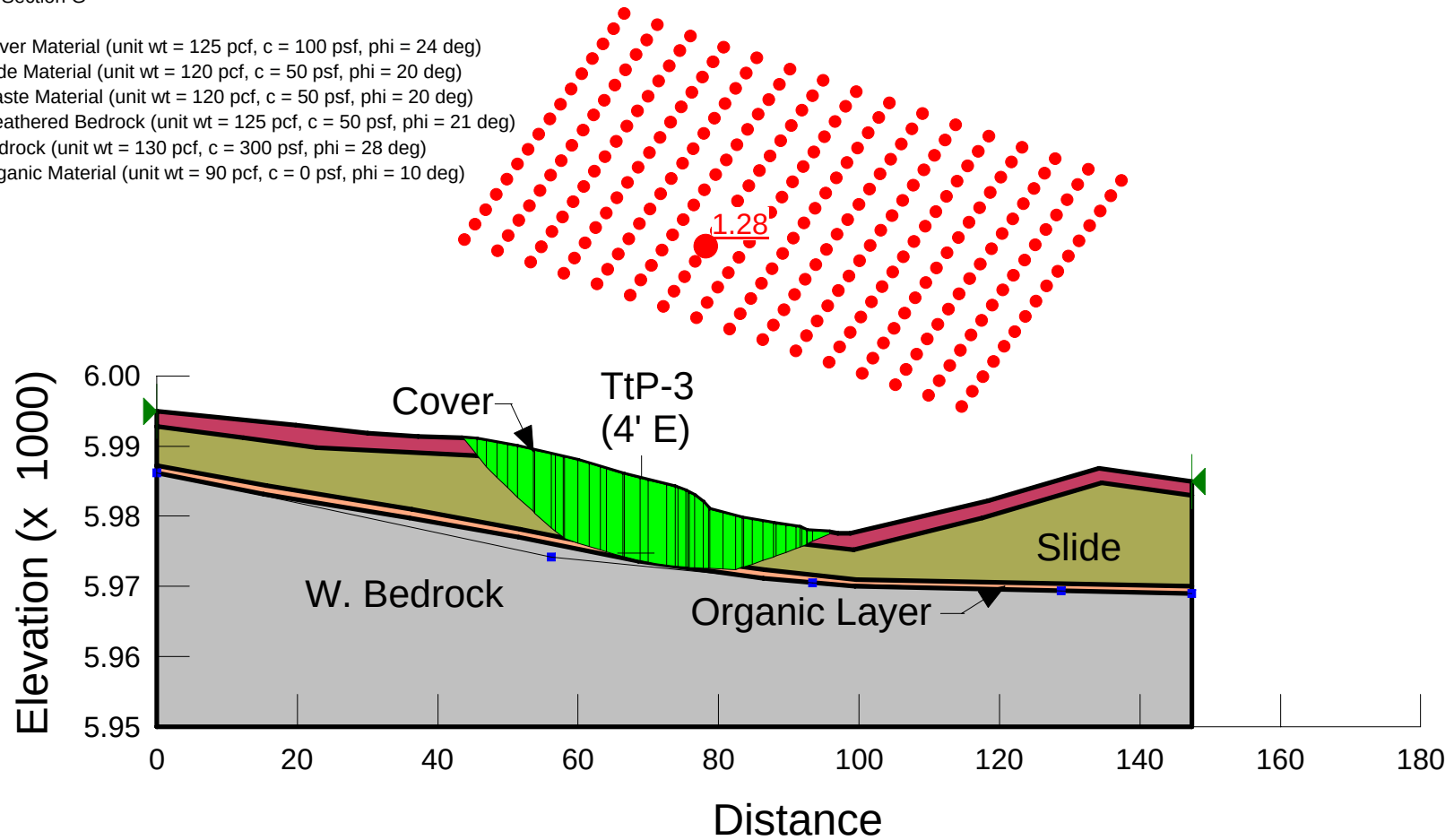
Date: 6/3/2008



Rocky Flats Original Landfill Geotechnical Investigation

Cross Section G

- (1) Cover Material (unit wt = 125 pcf, c = 100 psf, phi = 24 deg)
- (2) Slide Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (3) Waste Material (unit wt = 120 pcf, c = 50 psf, phi = 20 deg)
- (4) Weathered Bedrock (unit wt = 125 pcf, c = 50 psf, phi = 21 deg)
- (5) Bedrock (unit wt = 130 pcf, c = 300 psf, phi = 28 deg)
- (6) Organic Material (unit wt = 90 pcf, c = 0 psf, phi = 10 deg)



File Name: Section G Low WT.gsz
Date: 6/3/2008

