APPENDIX B

SUPPORTING FIGURES

PART

OF

CLOSURE PLAN FOR

TAILINGS CONTAINMENT AREA

Prepared for

Kinross Gold Corporation

LUPIN OPERATION

LIST OF FIGURES

Figure B 1. Locations of Dams and Sections 1
Figure B 2. Dam 1a Section 2
Figure B 3. Dam 1a Section Dam 2 Section 3
Figure B 4. Dam 1a foundation profile 4
Figure B 5. Dam 2 foundation profile 5
Figure B 6. Dam 4 section, facing northeast 6
Figure B 7. Dam 5 section facing east 7
Figure B 8. Dam 6 section, facing northwest 8
Figure B 9. J Dam section, facing north 9
Figure B 10. J Dam foundation profile 10
Figure B 11. Dam 3D section, facing east 11
Figure B 12. Dam 3D foundation profile (against Cell 1) 12
Figure B 13. Tailings contained by Dam 3D, section normal to dam 13
Figure B 14. K Dam section, looking northeast 14
Figure B 15. K Dam foundation profile, looking west 15
Figure B 16. Tailings contained by K Dam , section normal to dam 16
Figure B 17. L Dam section, looking northwest 17
Figure B 18. L Dam foundation profile 18
Figure B 19. M Dam section with contained tailings, looking east 19
Figure B 20. M Dam foundation profile 20
Figure B 21. Groundwater profile along pipe section P1 - P9 21
Figure B 22. Groundwater profile along pipe section P2 – P8 22
Figure B 23. Groundwater profile along pipe section P3 - P9 23
Figure B 24. Groundwater profile along pipe section P4 – P6 24
Figure B 25. Locations of thermistors and test pits in Cells 1 & 2 25
Figure B 26. Location of thermistors and test pits in Cell 3 26
Figure B 27. Locations of tailings samples (Klohn-Crippen 1995) 27
Figure B 28. Tailings Gradations (Klohn-Crippen 1995) 27
Figure B 29. Tailings gradations (Klohn-Crippen 1995) 28
Figure B 30. Gradations of tailings measured in 2005 28
Figure B 31. Esker gradations, Pass 75 mm sample size 29
Figure B 32. Esker gradation, sand size material 29
Figure B 33. Esker gradation, sand size material 30

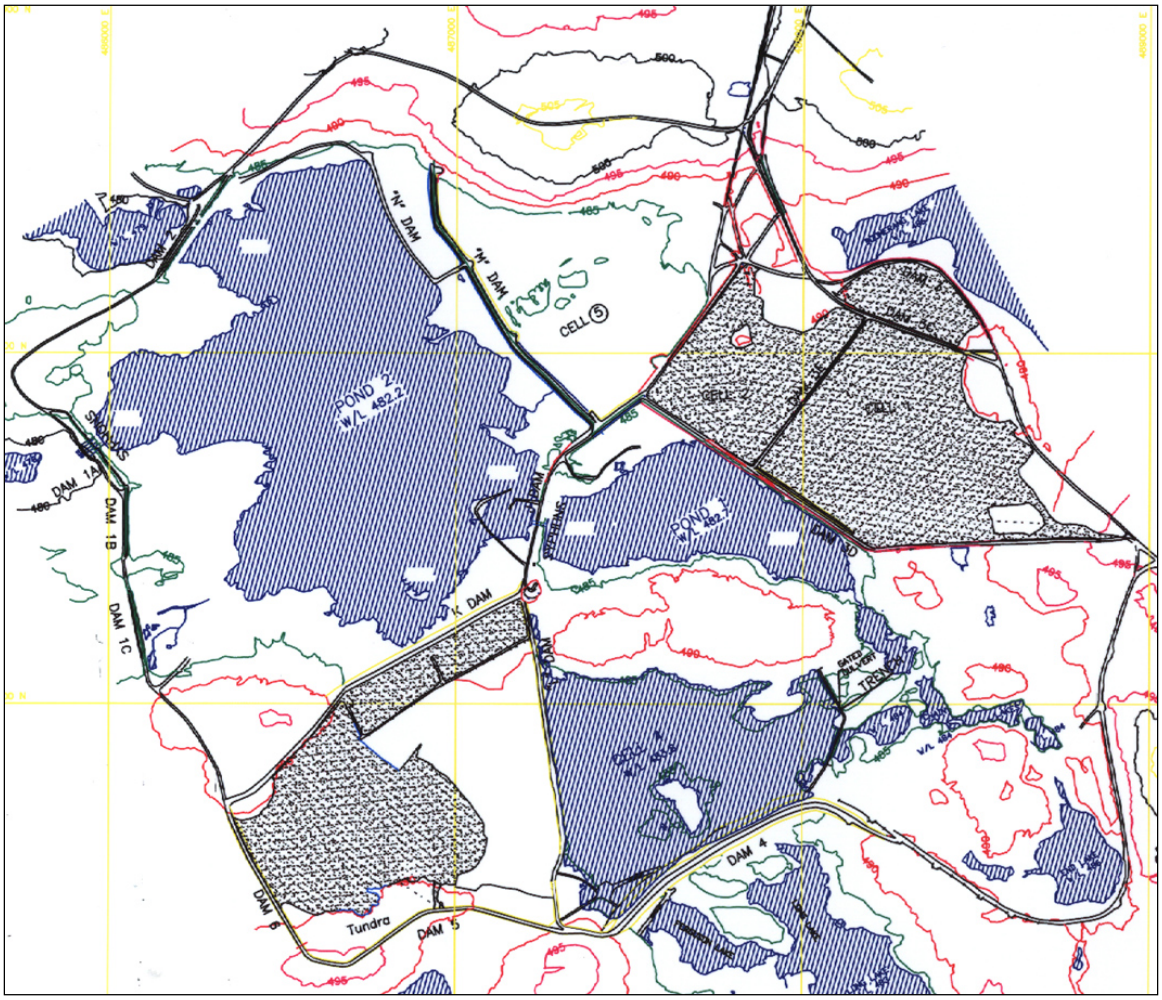

Figure B 1. Locations of Dams and Cells

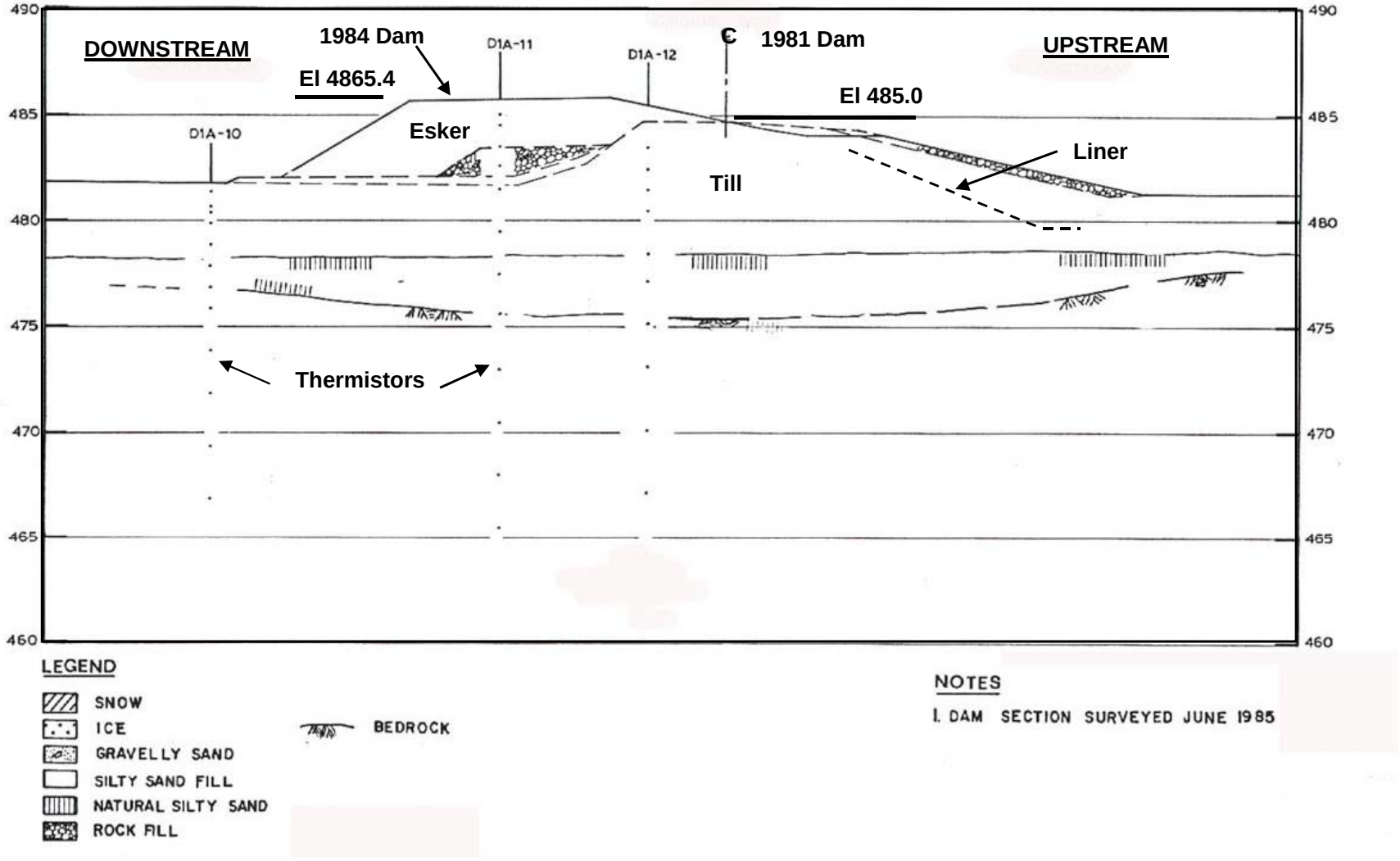

Figure B 2. Dam 1a Section

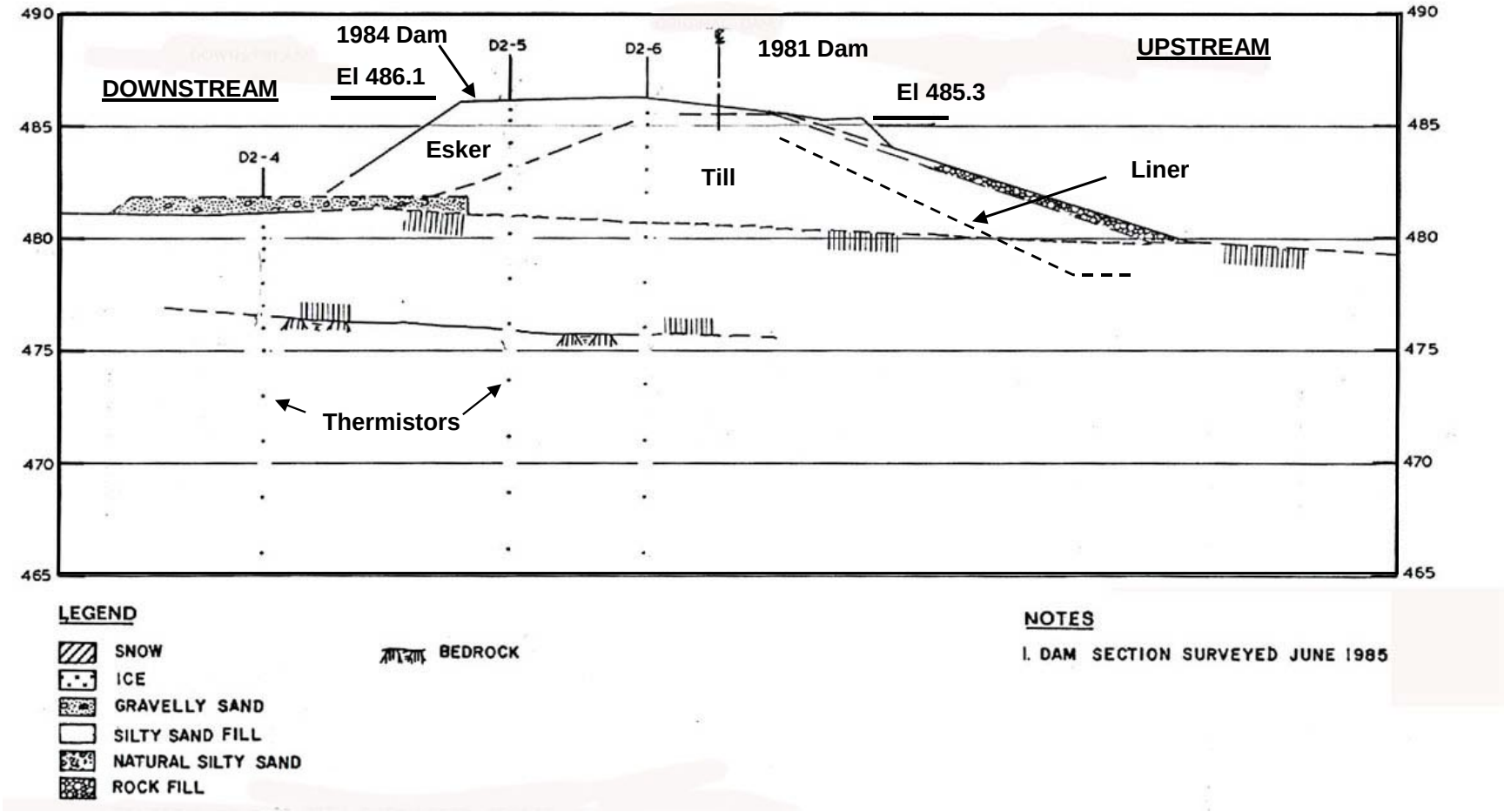

Figure B 3. Dam 1a Section Dam 2 Section

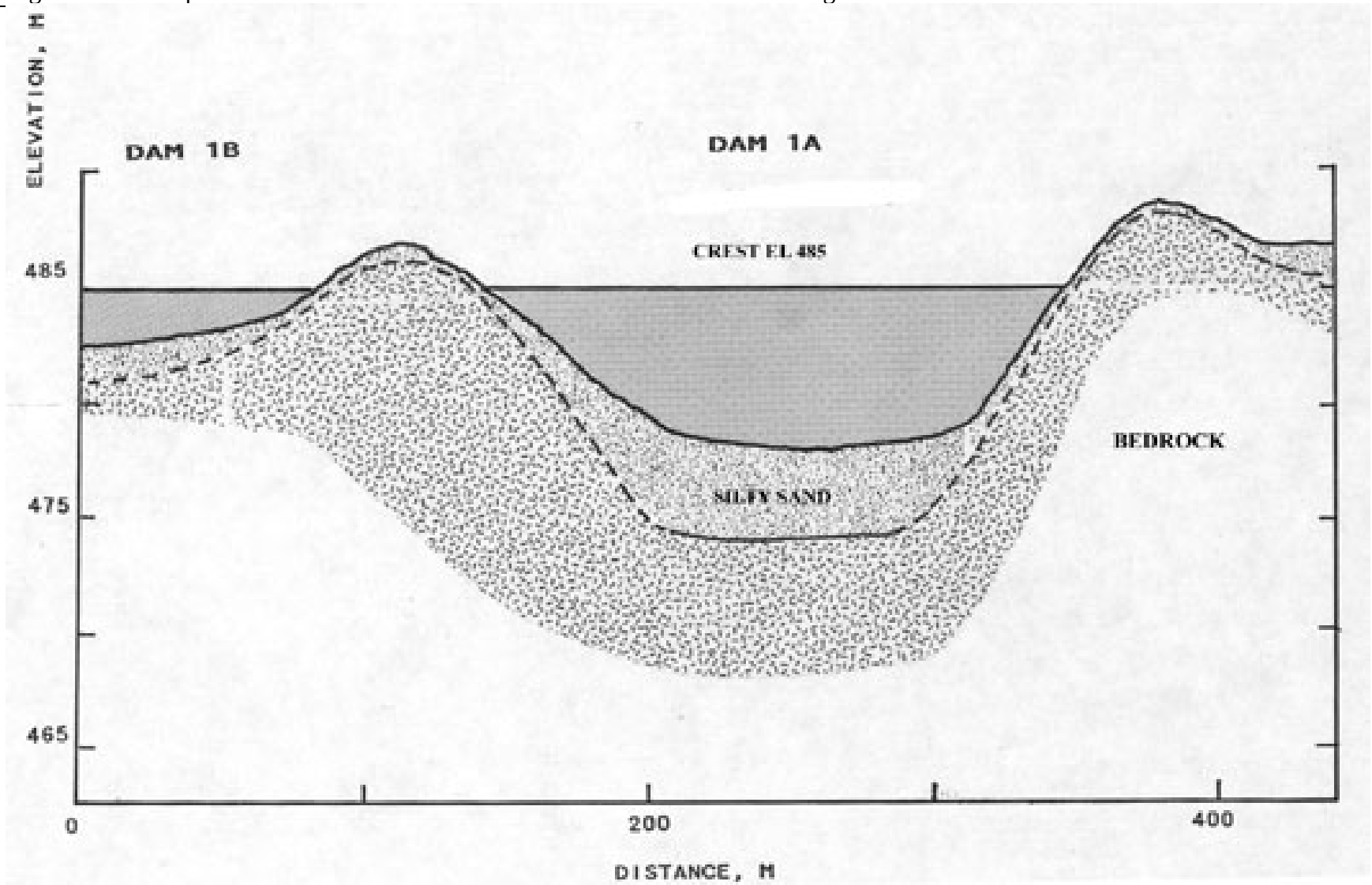

Figure B 4. Dam 1a foundation profile

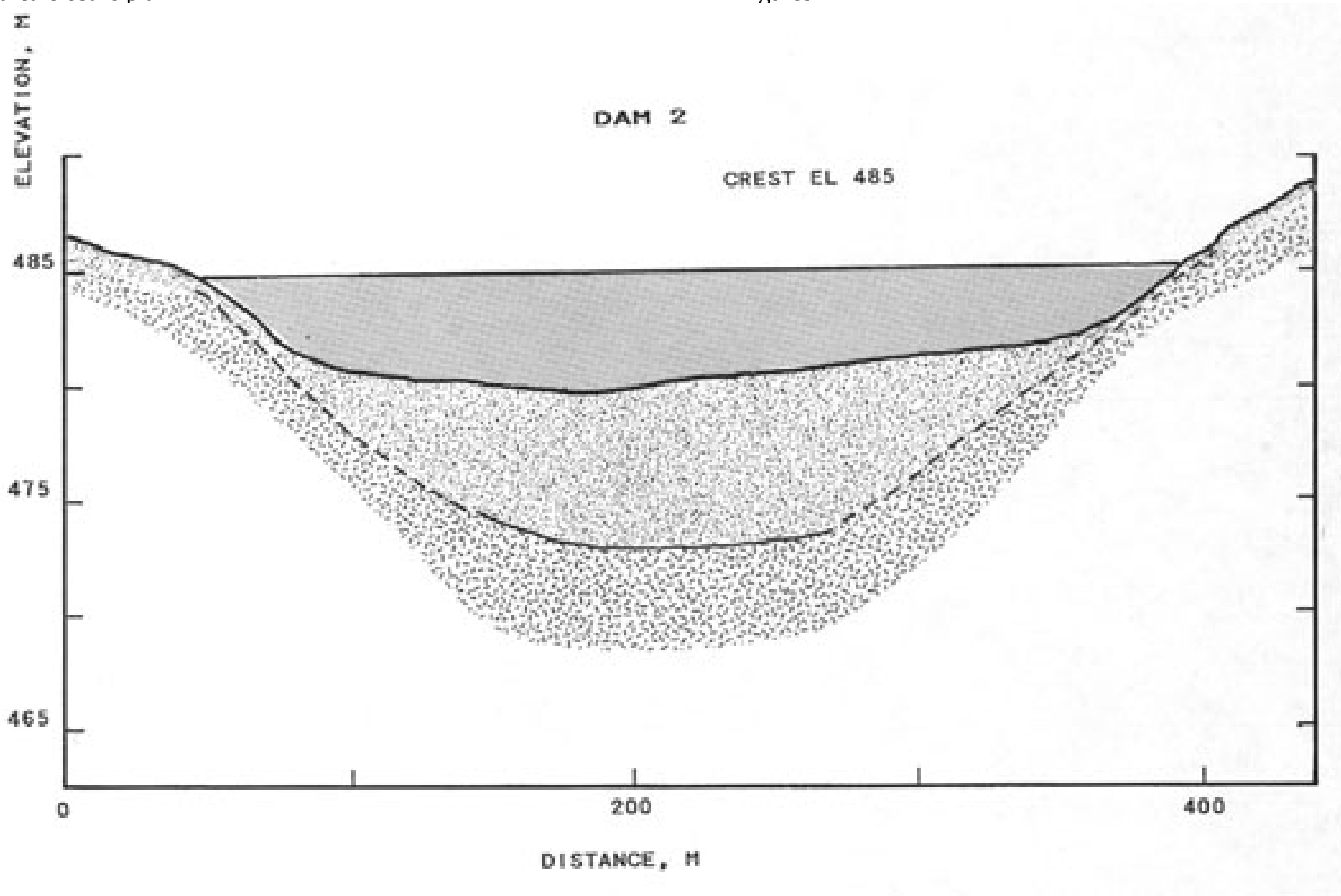

Figure B 5. Dam 2 foundation profile

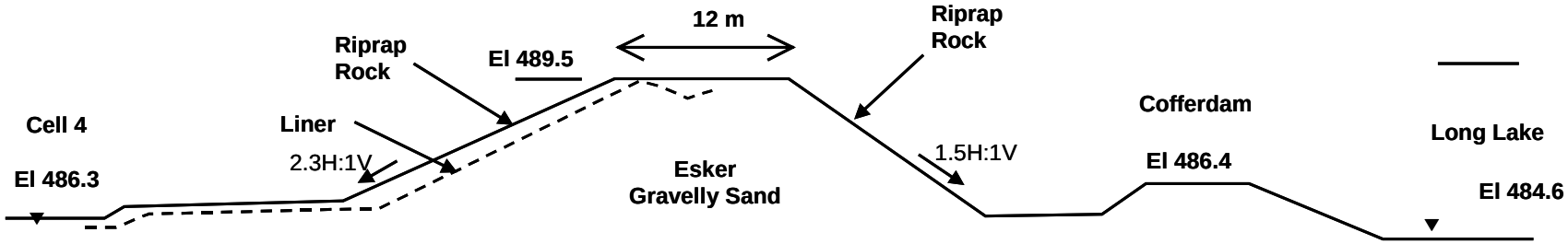

Figure B 6. Dam 4 section, facing northeast

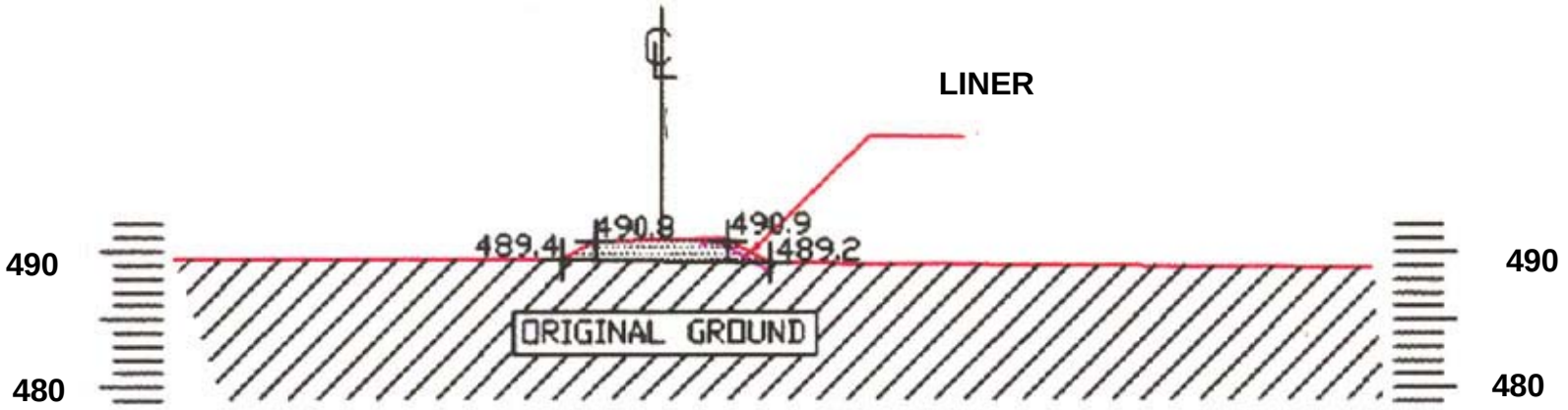

Figure B 7. Dam 5 section facing east

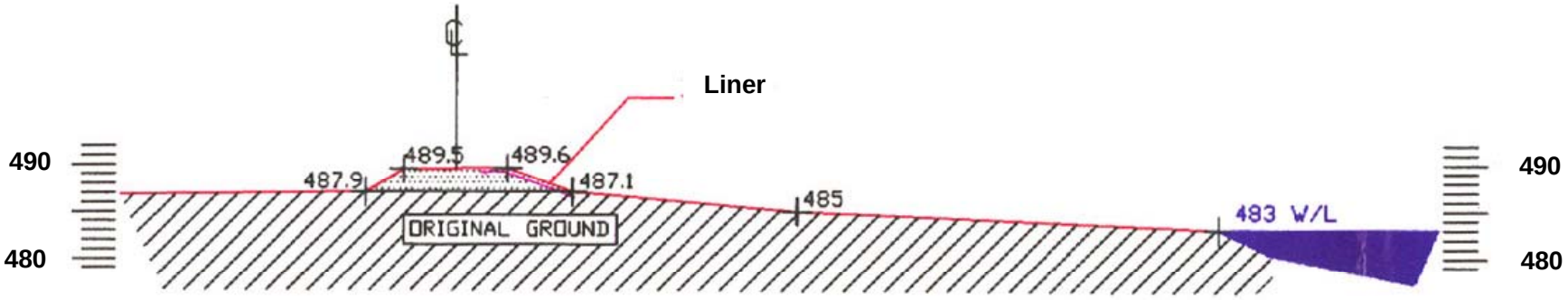

Figure B 8. Dam 6 section, facing northwest

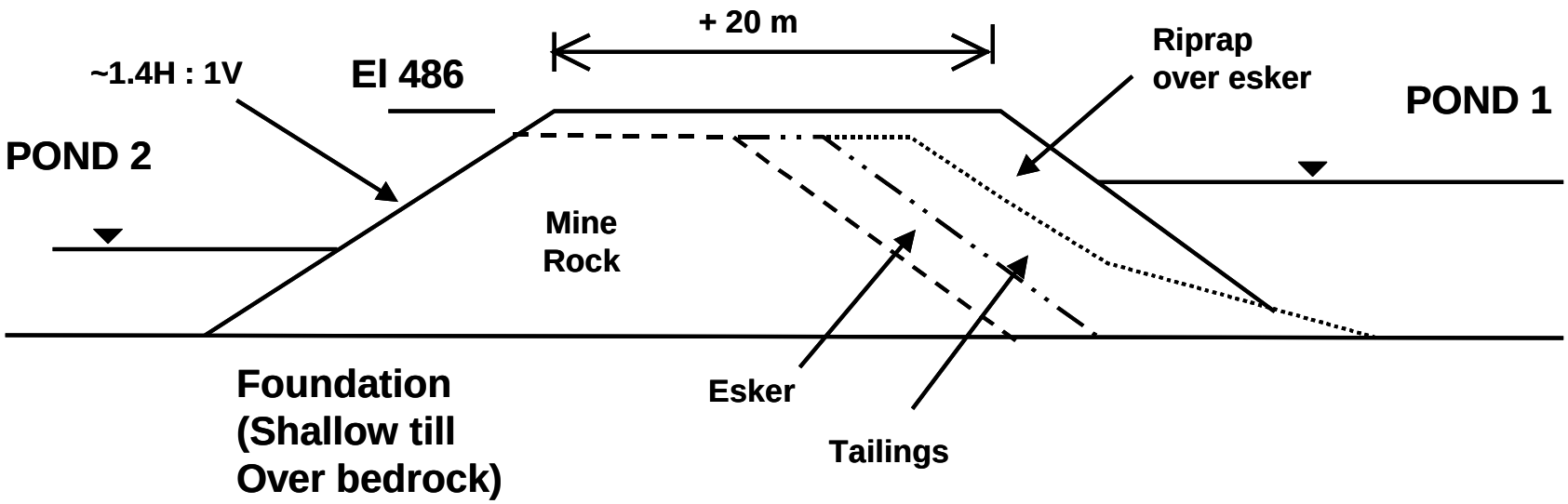

Figure B 9. J Dam section, facing north

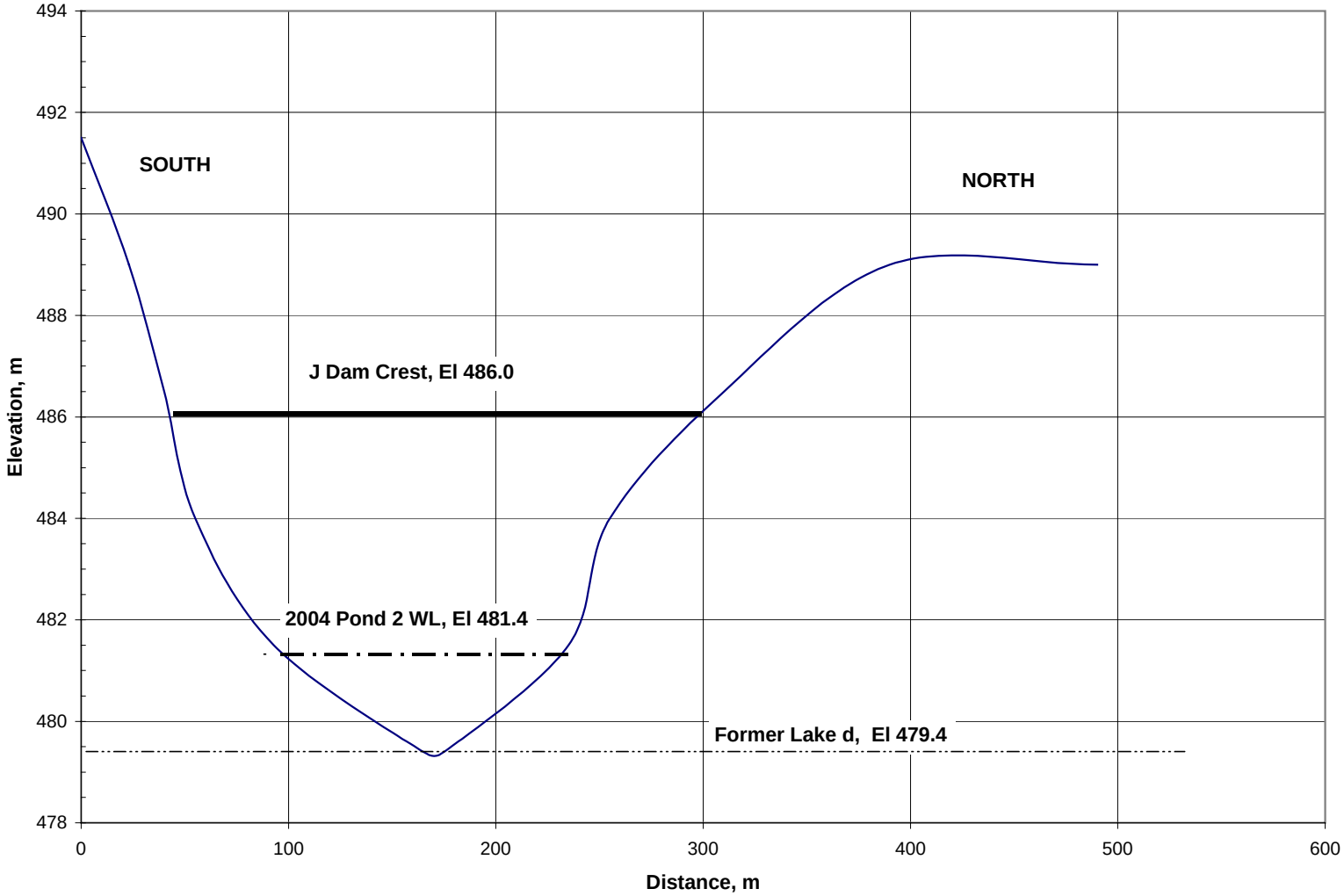

Figure B 10. J Dam foundation profile

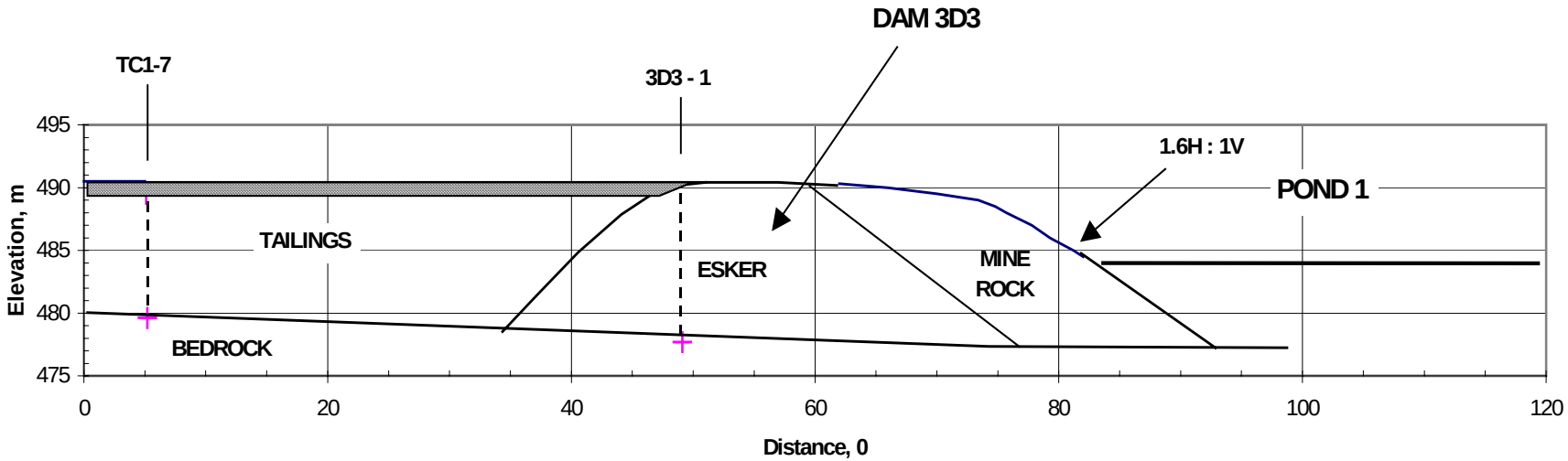

Figure B 11. Dam 3D section, facing east

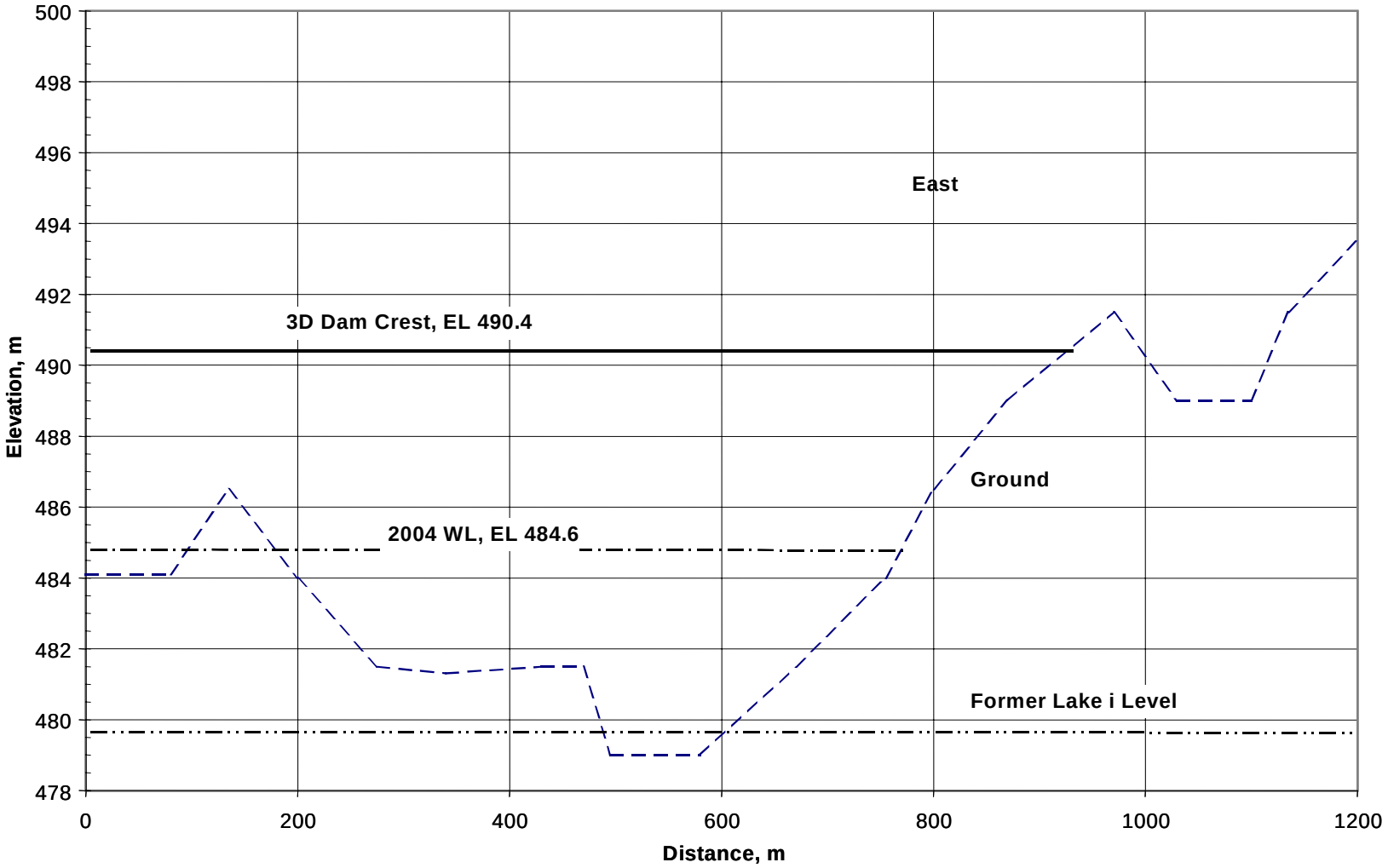

Figure B 12. Dam 3D foundation profile (against Cell 1)

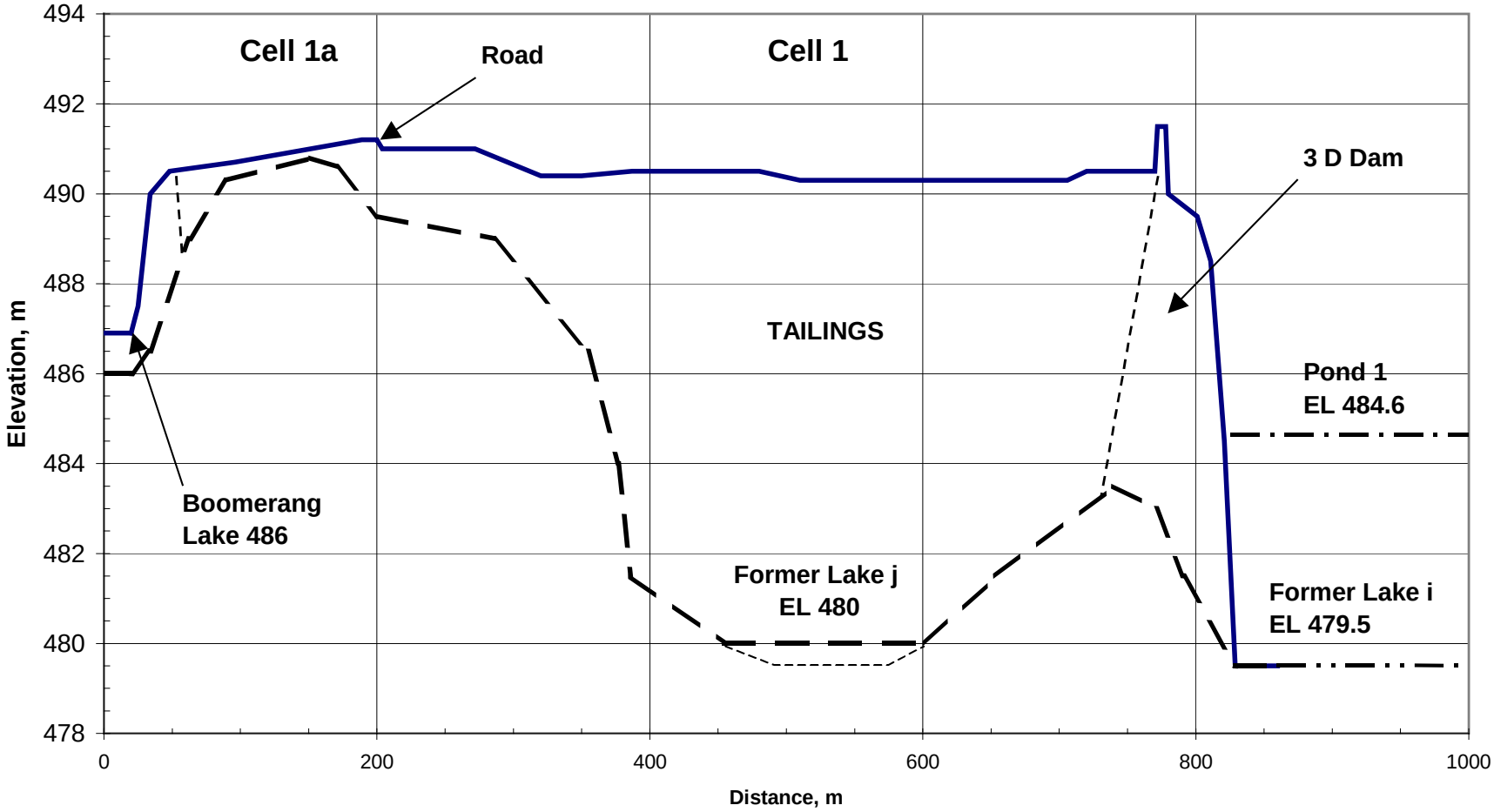

Figure B 13. Tailings contained by Dam 3D, section normal to dam

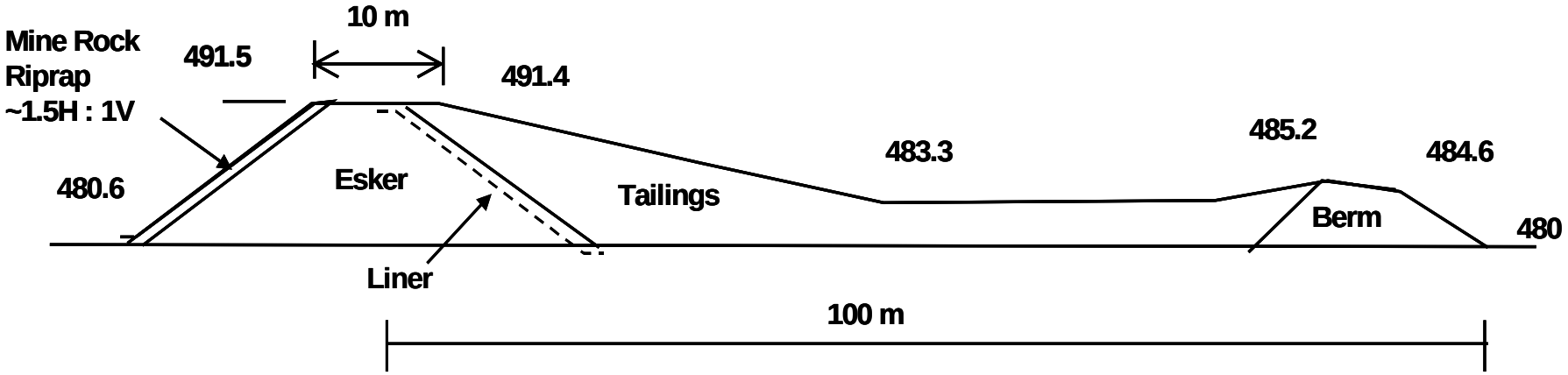

Figure B 14. K Dam section, looking northeast

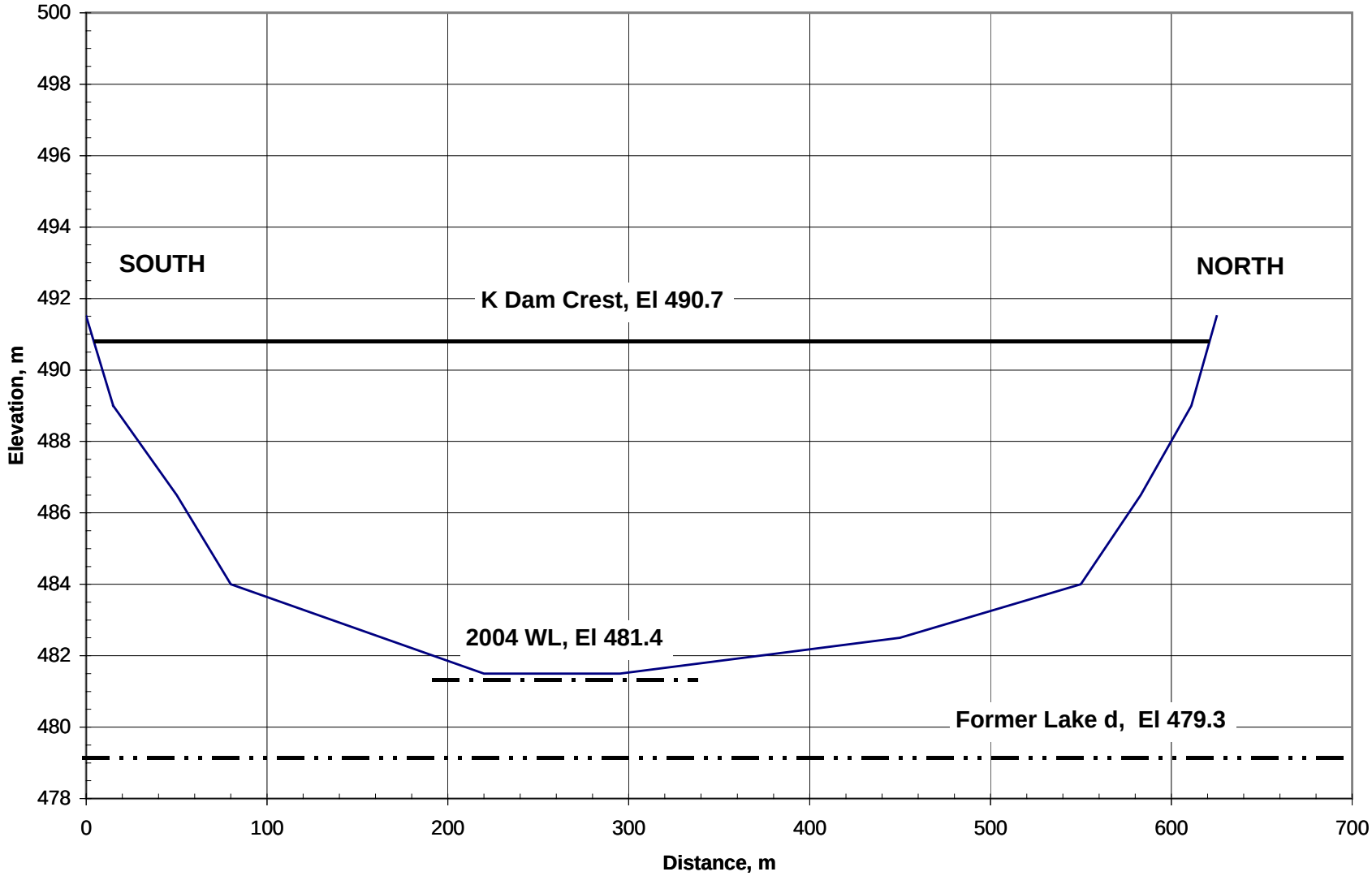

Figure B 15. K Dam foundation profile, looking west

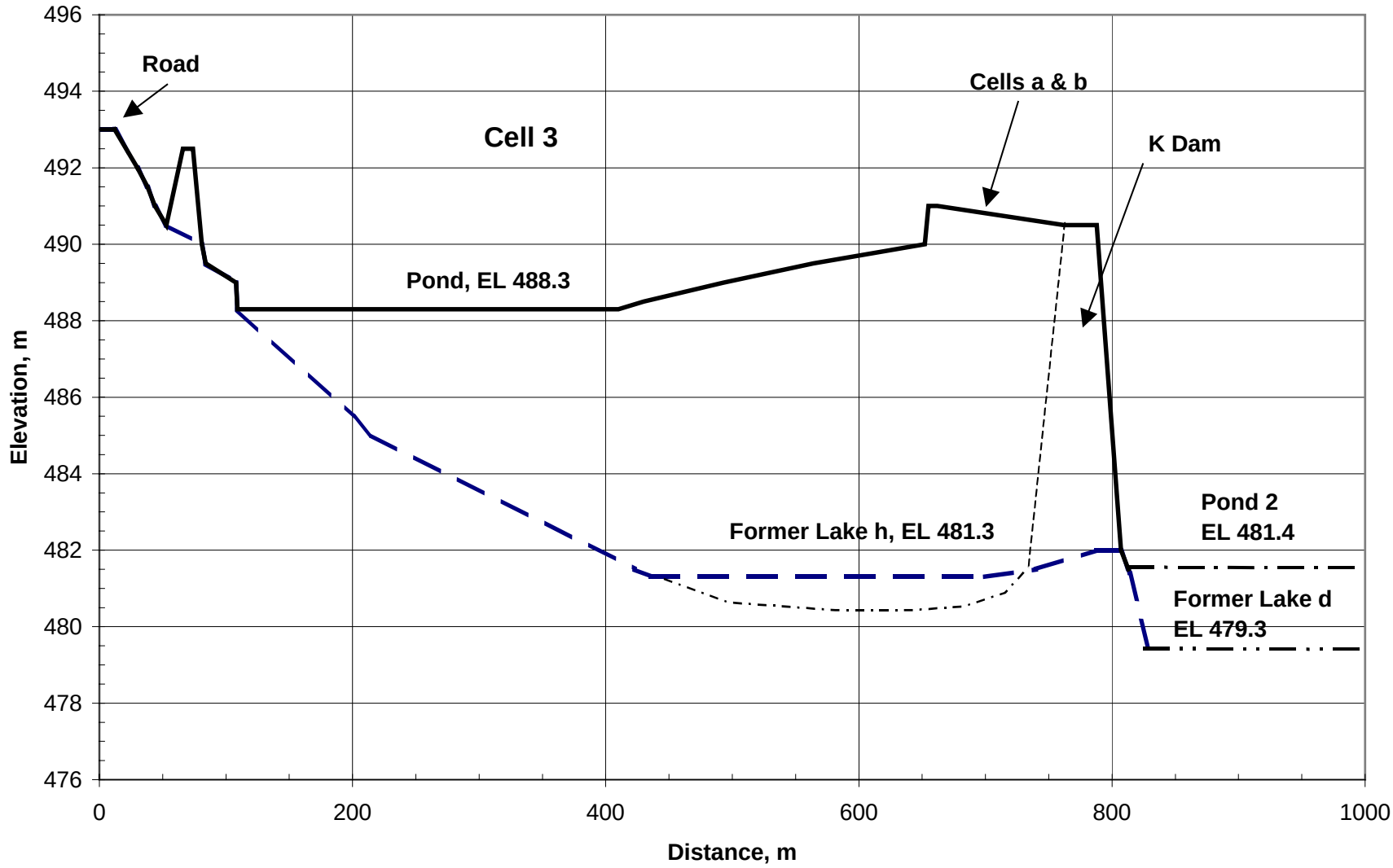

Figure B 16. Tailings contained by K Dam , section normal to dam

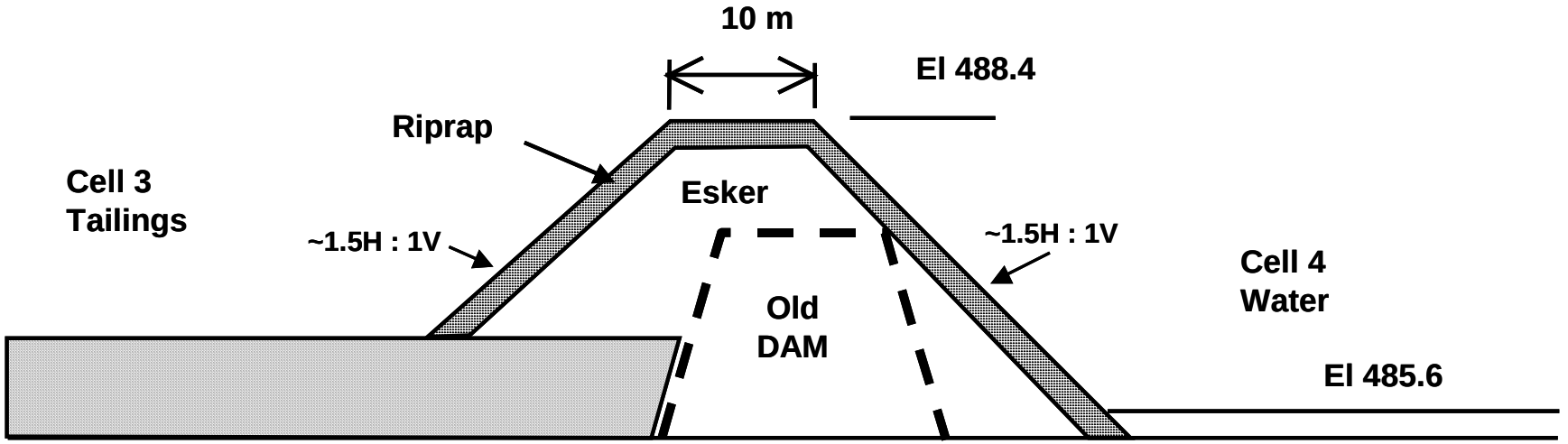

Figure B 17. L Dam section, looking northwest

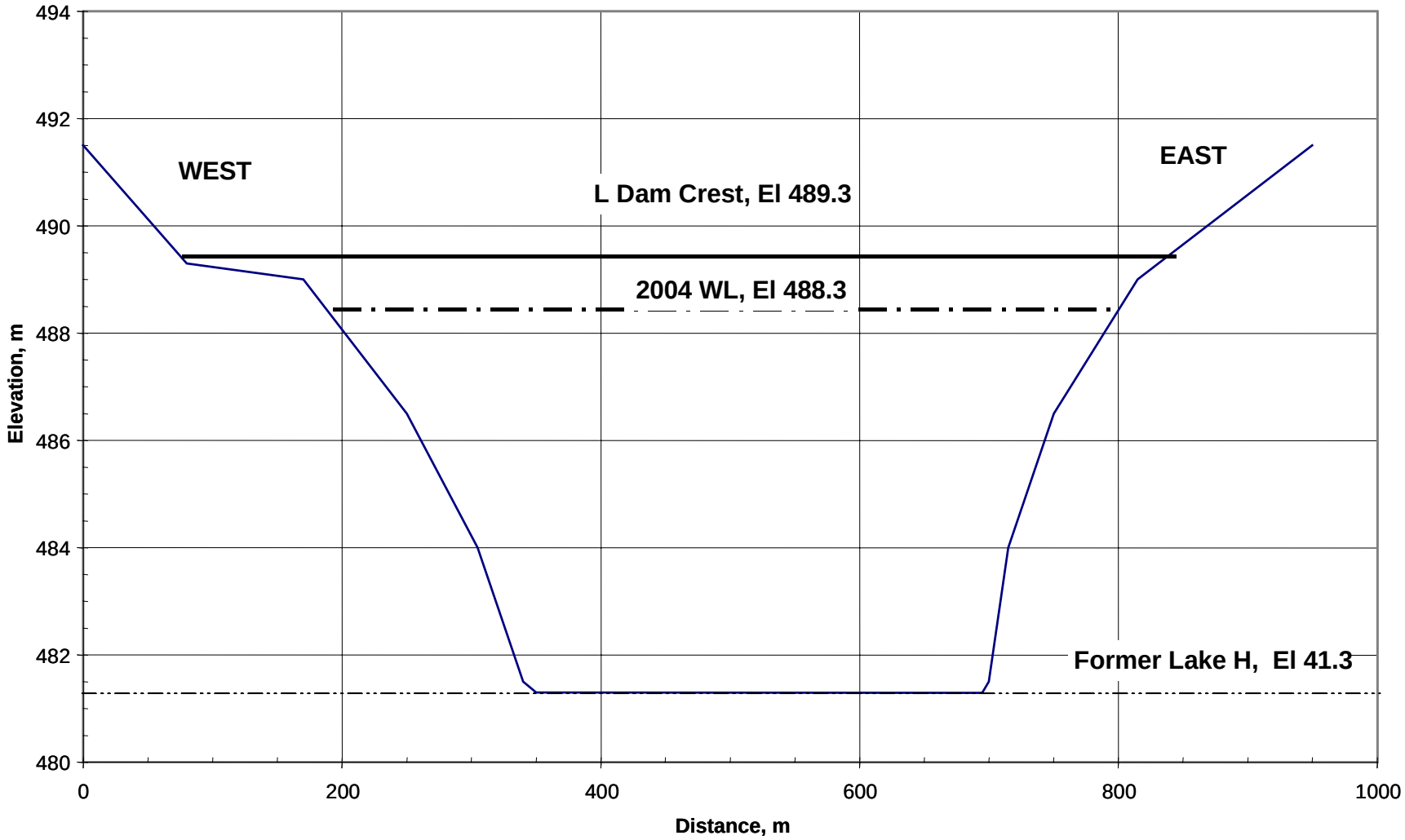

Figure B 18. L Dam foundation profile

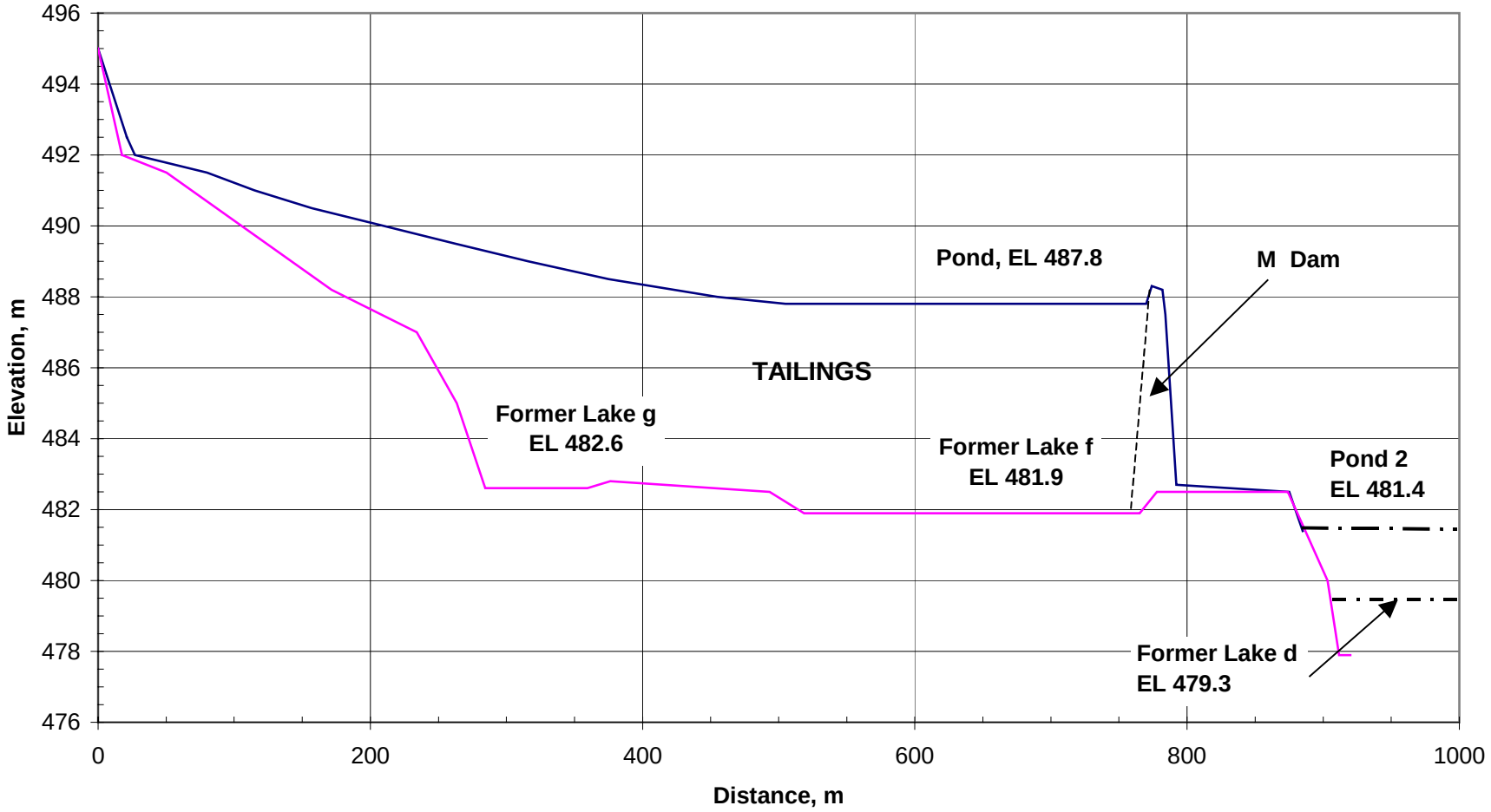

Figure B 19. M Dam section with contained tailings, looking east

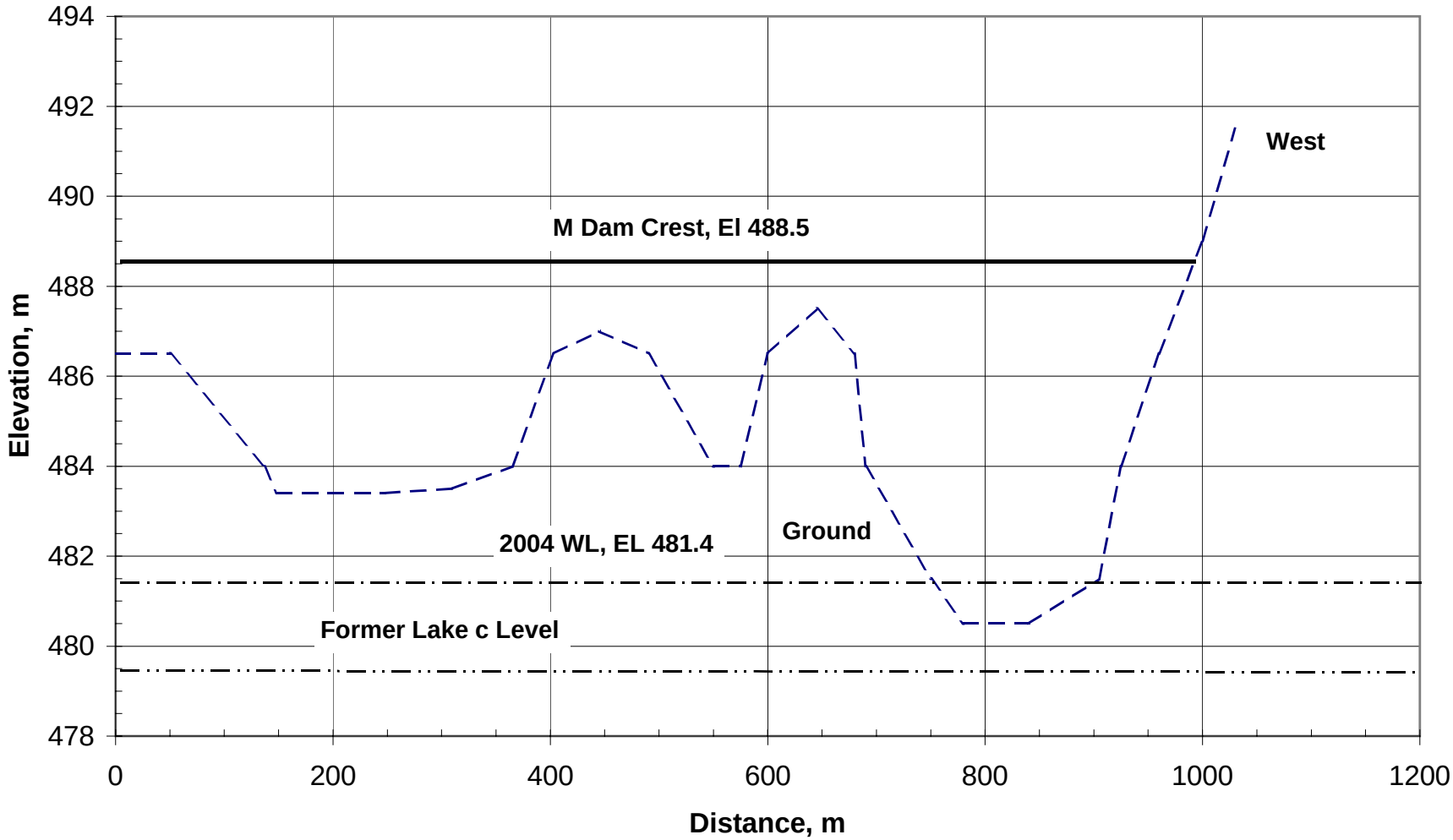

Figure B 20. M Dam foundation profile

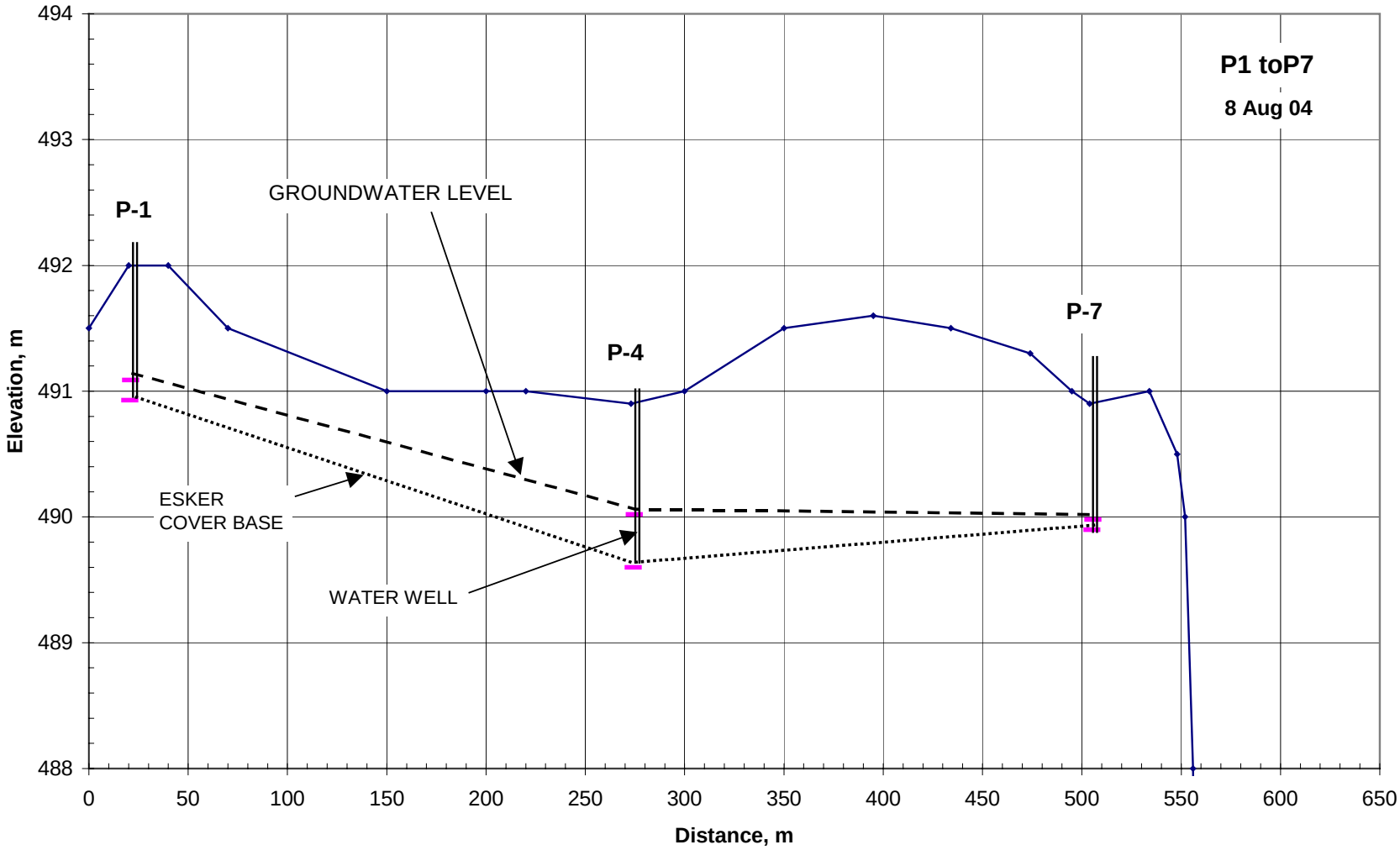

Figure B 21. Groundwater profile along pipe section P1 - P9

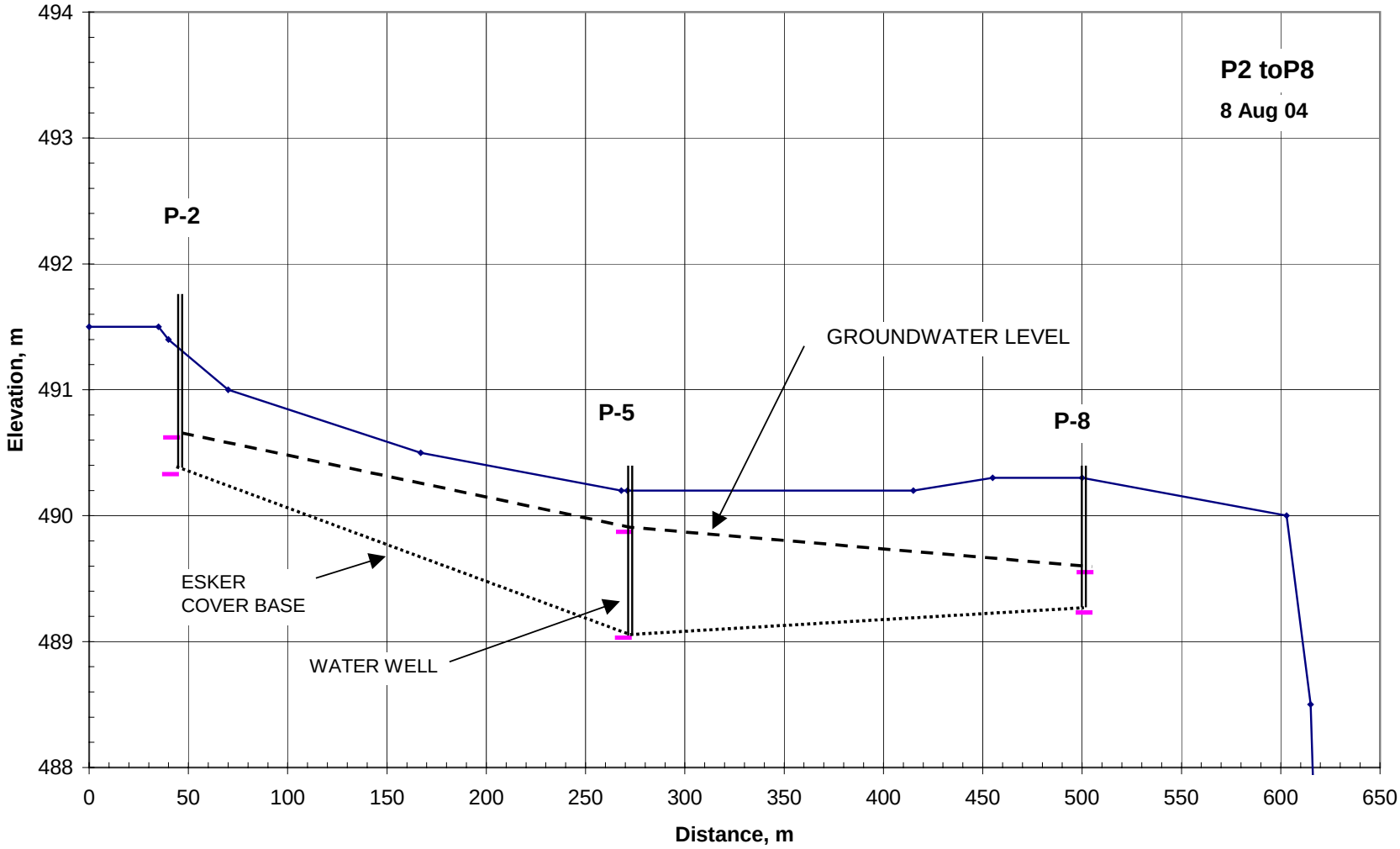

Figure B 22. Groundwater profile along pipe section P2 – P8

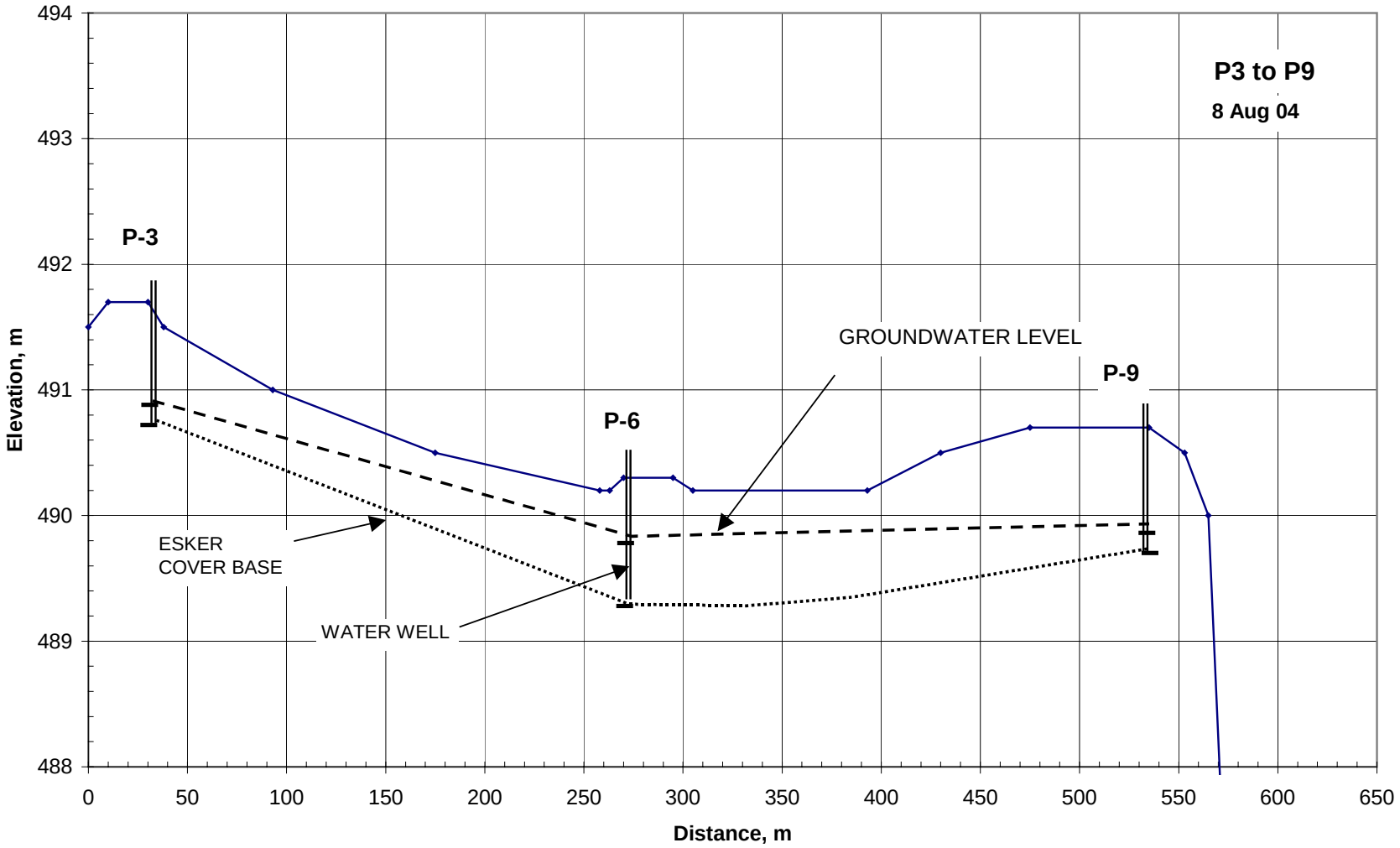

Figure B 23. Groundwater profile along pipe section P3 - P9

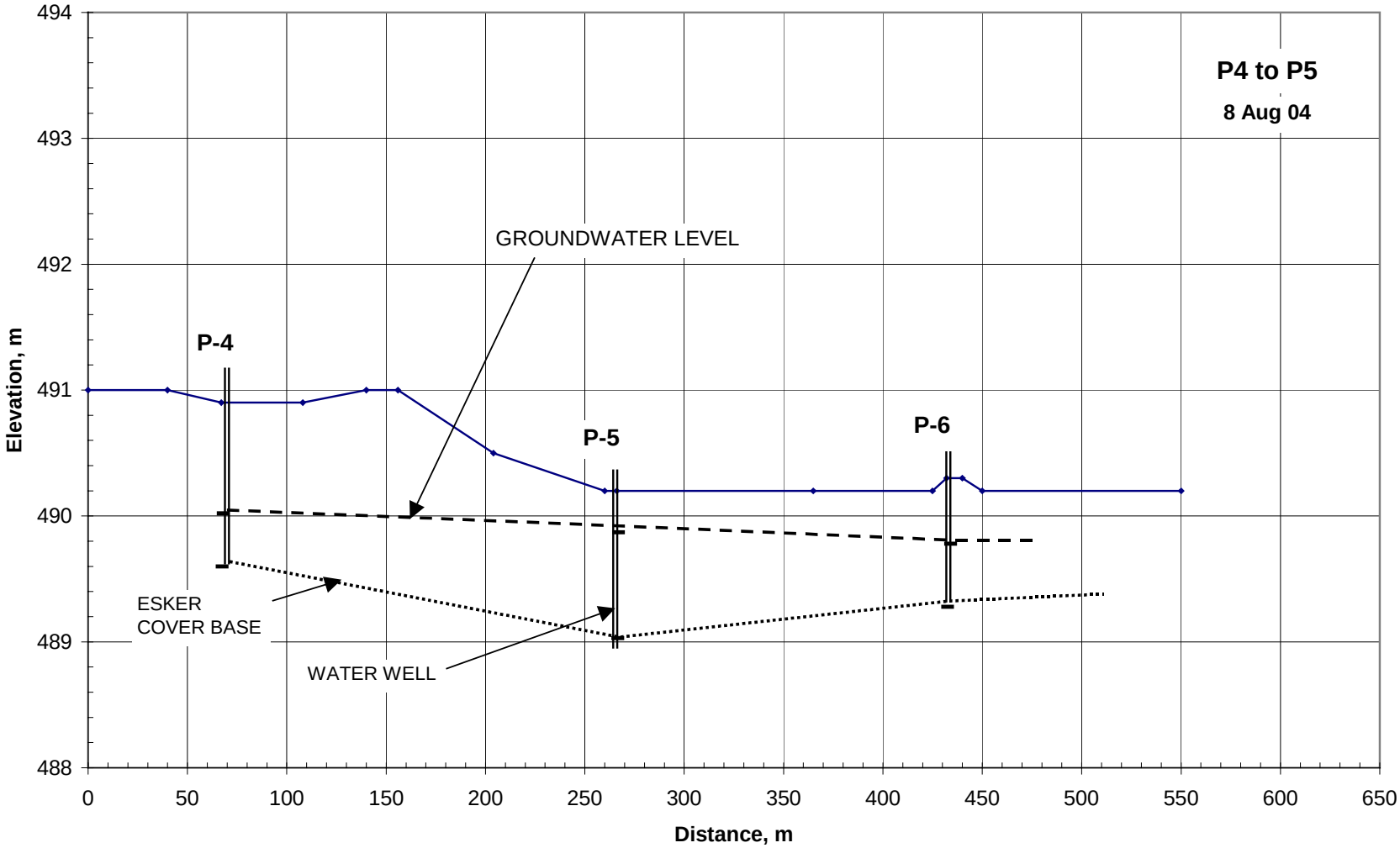

Figure B 24. Groundwater profile along pipe section P4 – P6

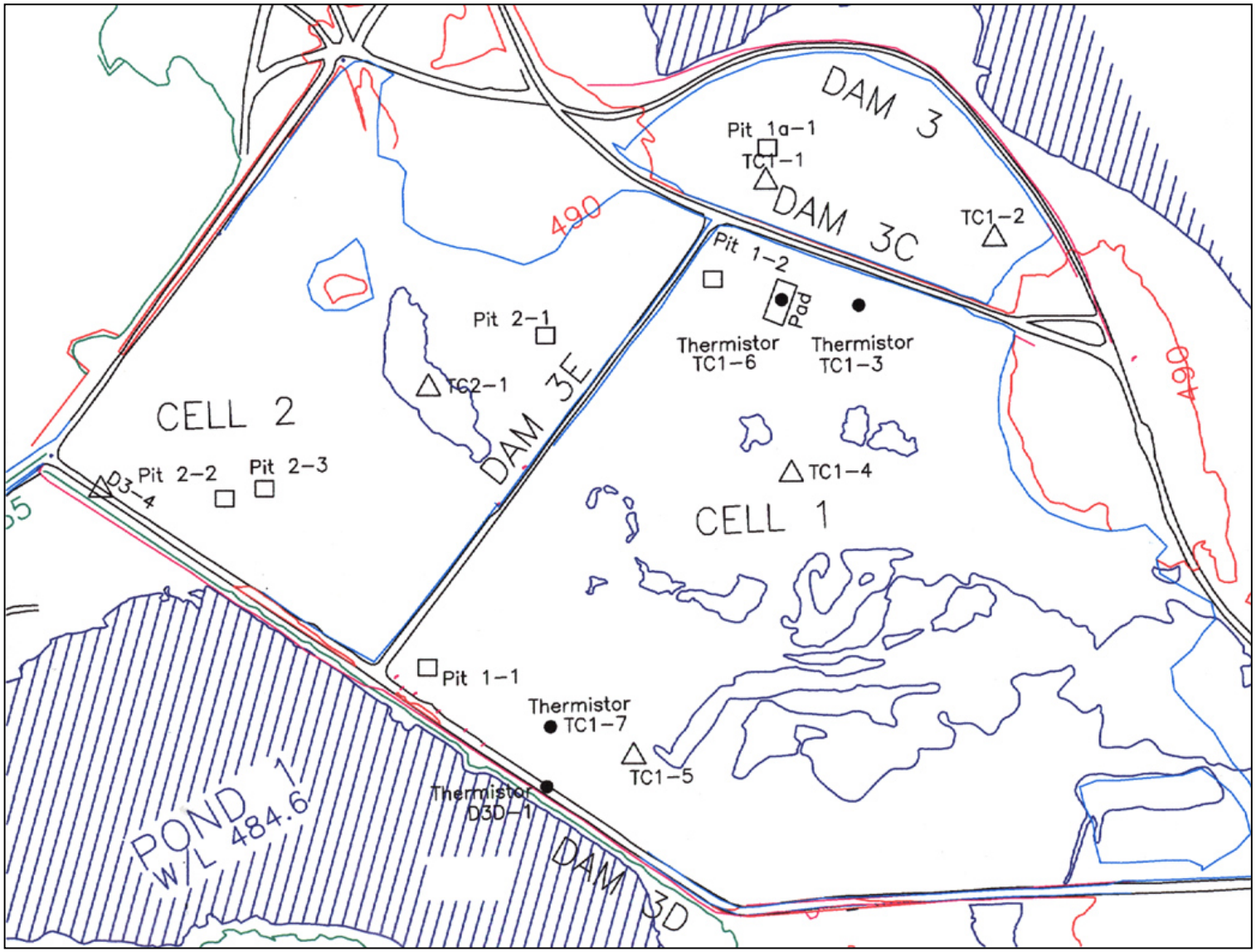

Figure B 25. Locations of thermistors and test pits in Cells 1 & 2

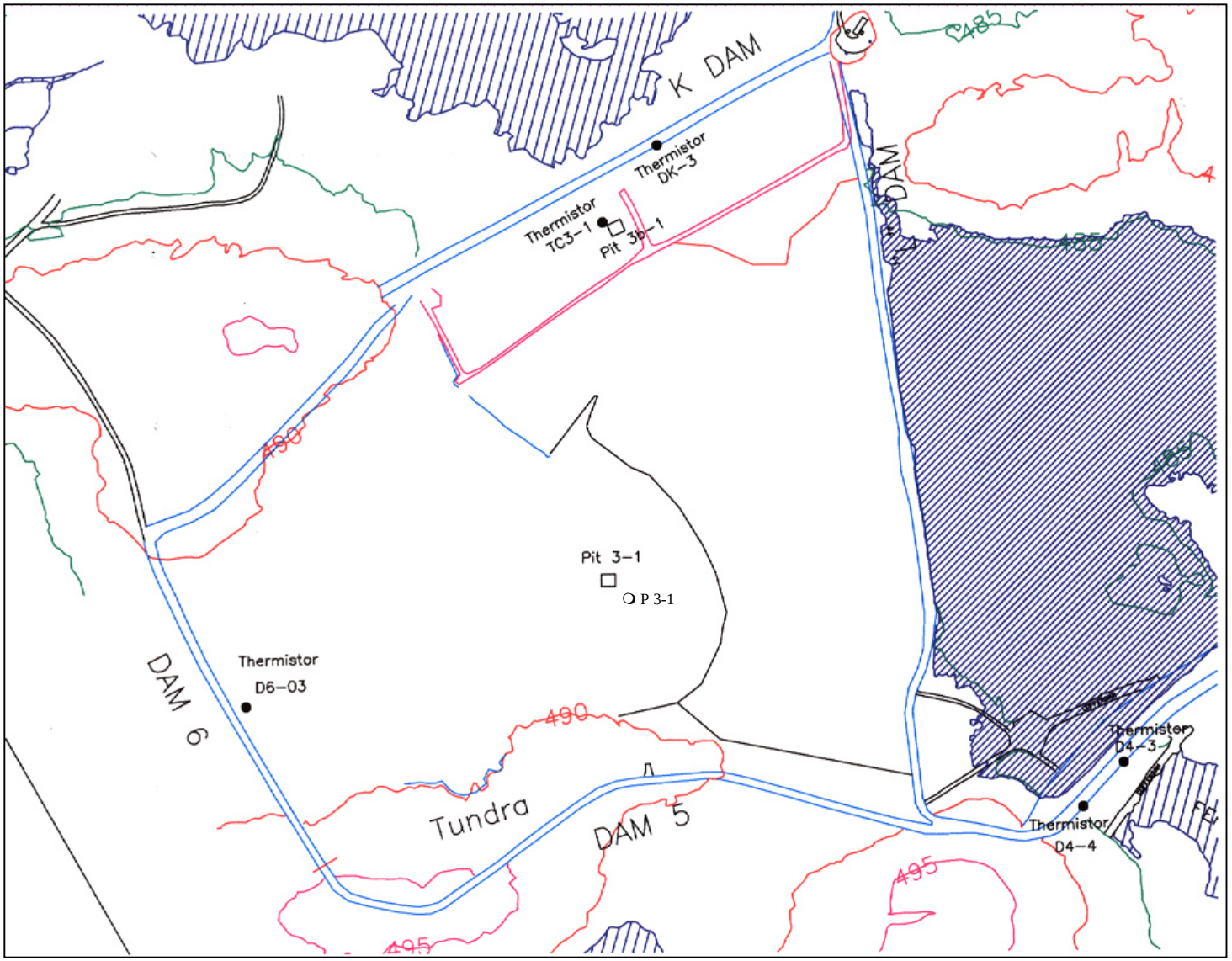

Figure B 26. Location of thermistors and test pits in Cell 3

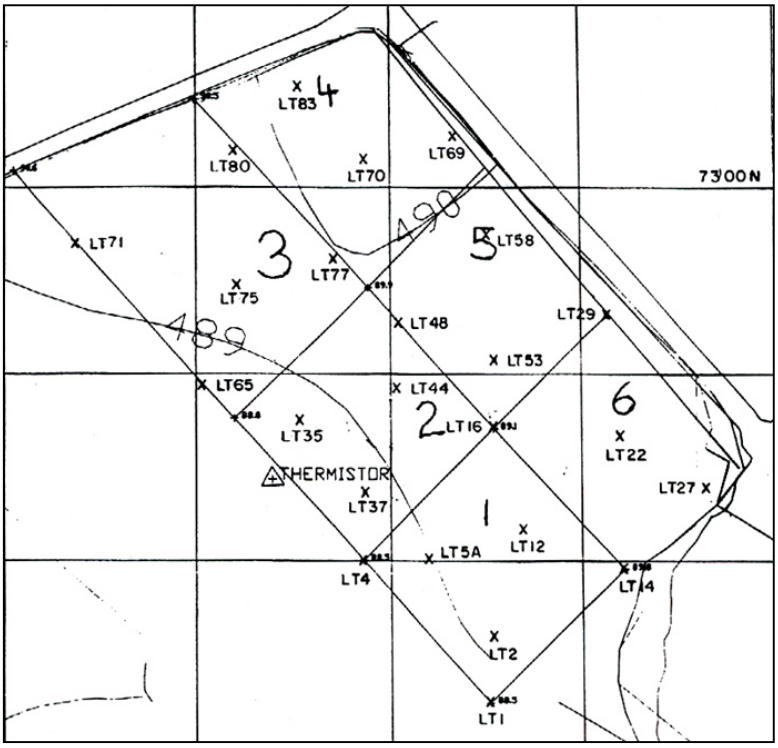

Figure B 27. Locations of tailings samples (Klohn-Crippen 1995)

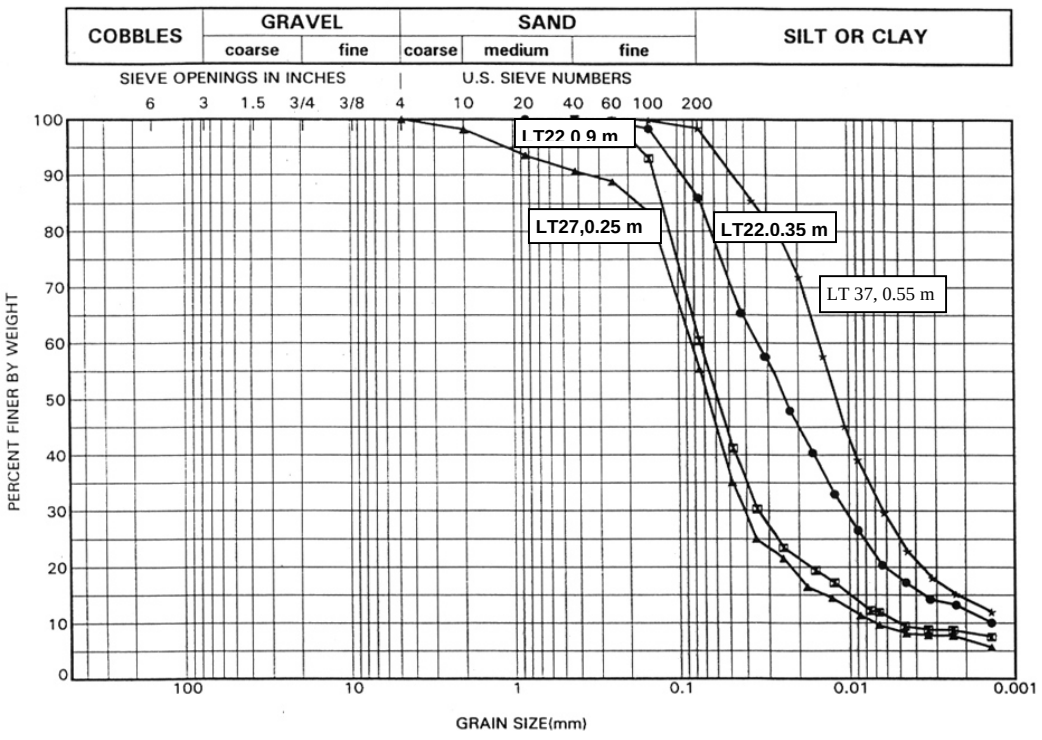

Figure B 28. Tailings Gradations (Klohn-Crippen 1995)

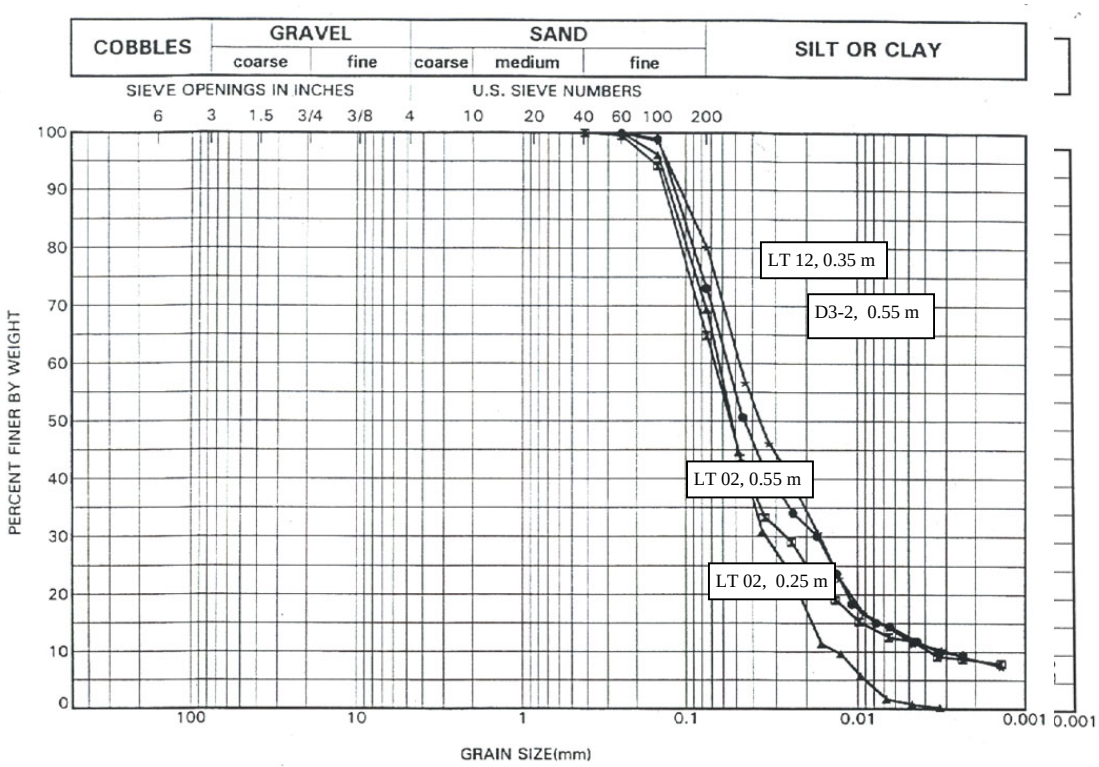

Figure B 29. Tailings gradations (Klohn-Crippen 1995)

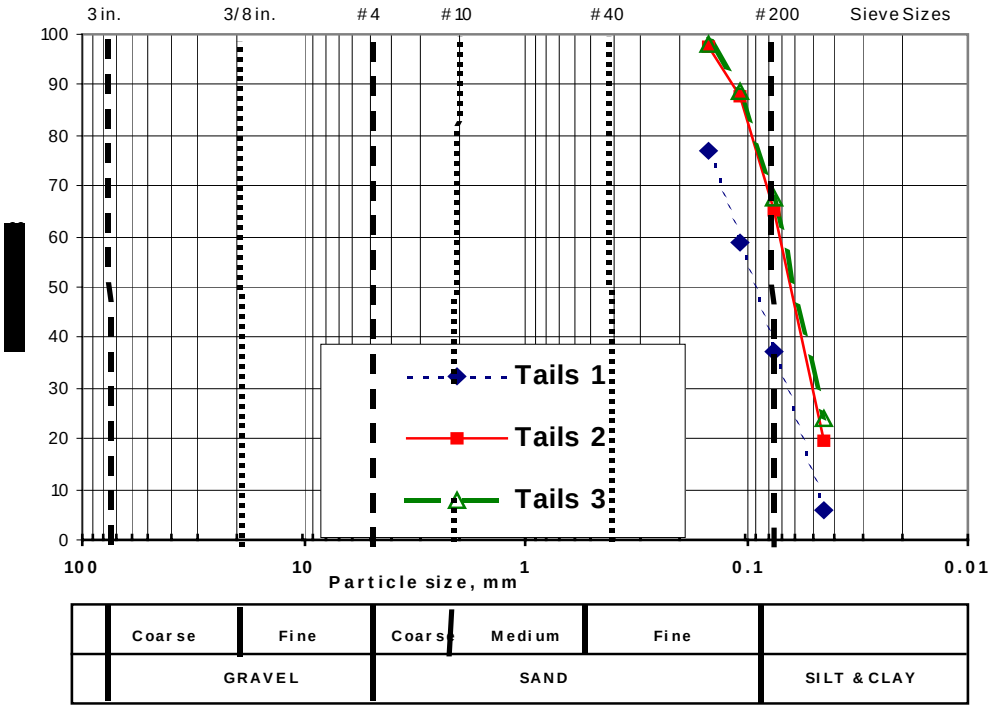

Figure B 30. Gradations of tailings measured in 2005

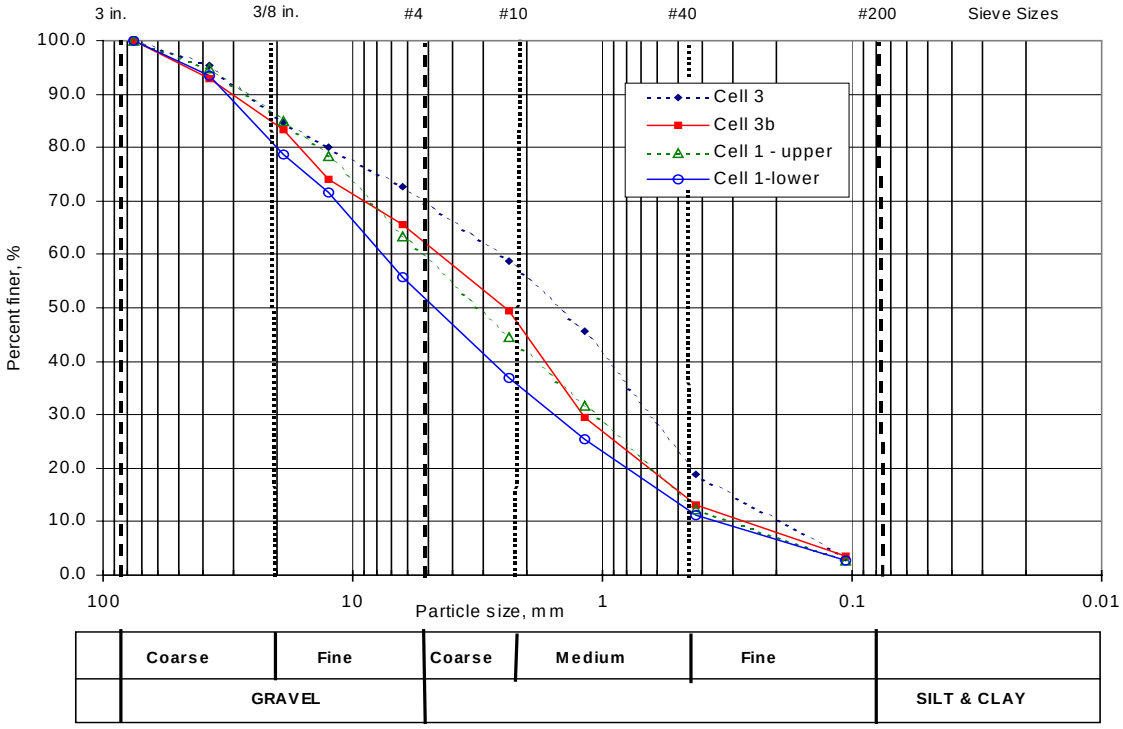

Figure B 31. Esker gradations, Pass 75 mm sample size

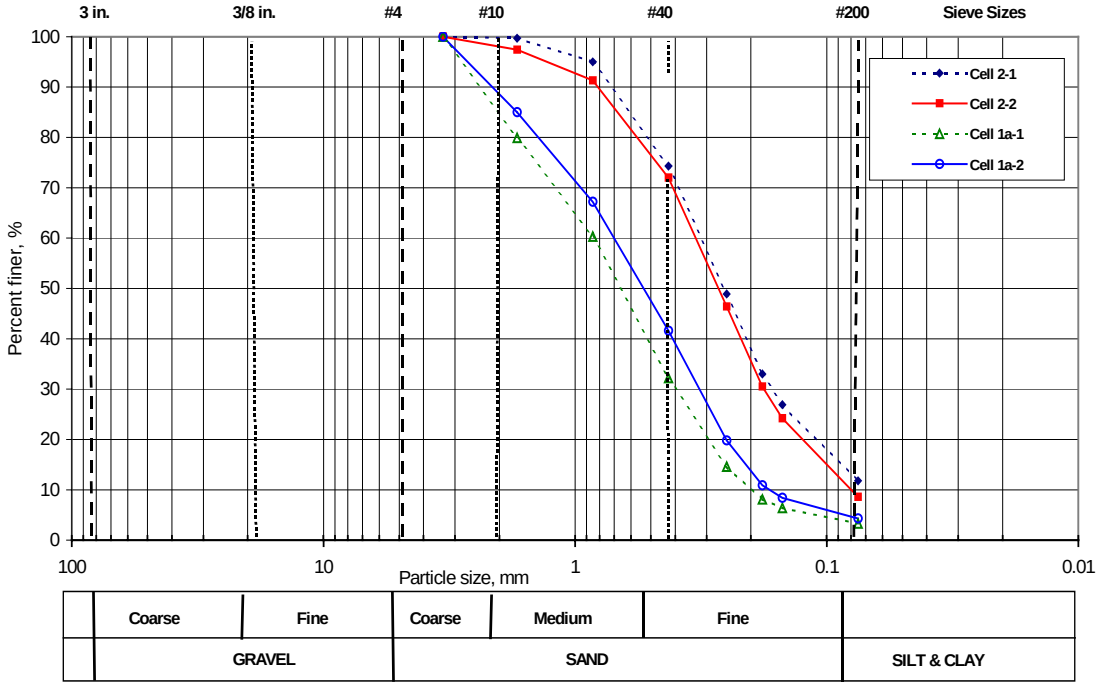

Figure B 32. Esker gradation, sand size material

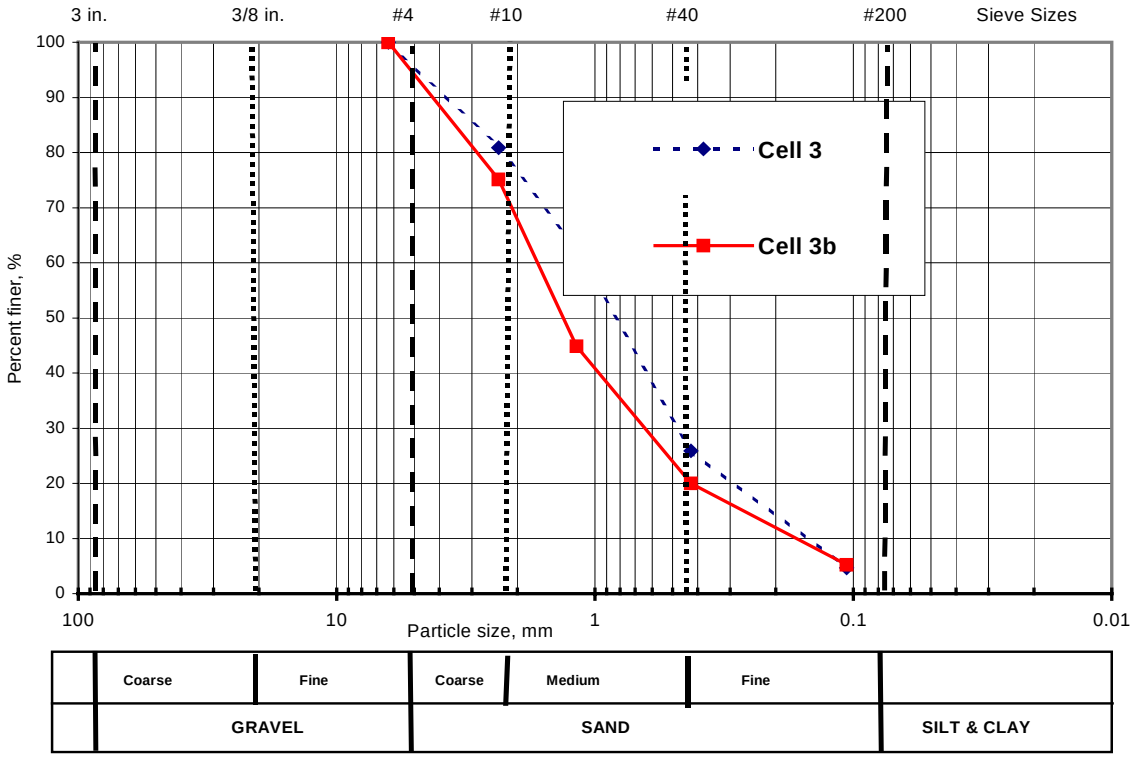

Figure B 33. Esker gradation, sand size material