## **Appendix D.** Stability Analyses

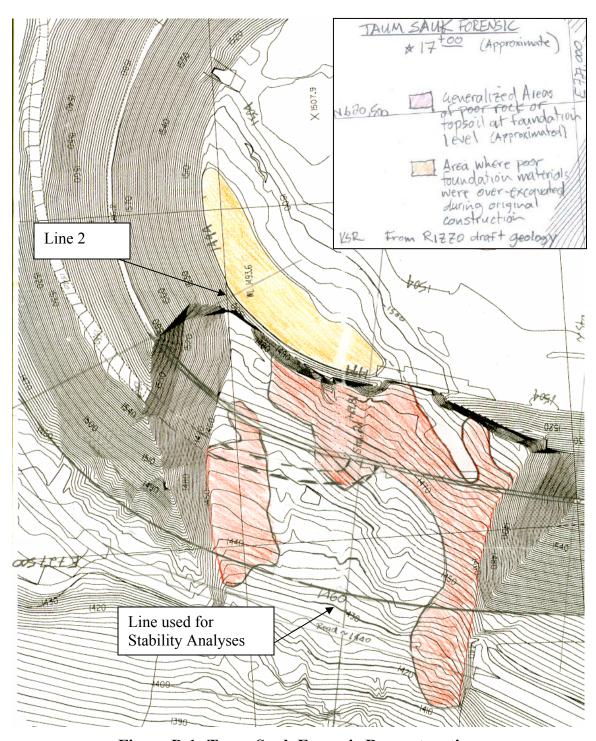


Figure D.1- Taum Sauk Forensic Reconstruction

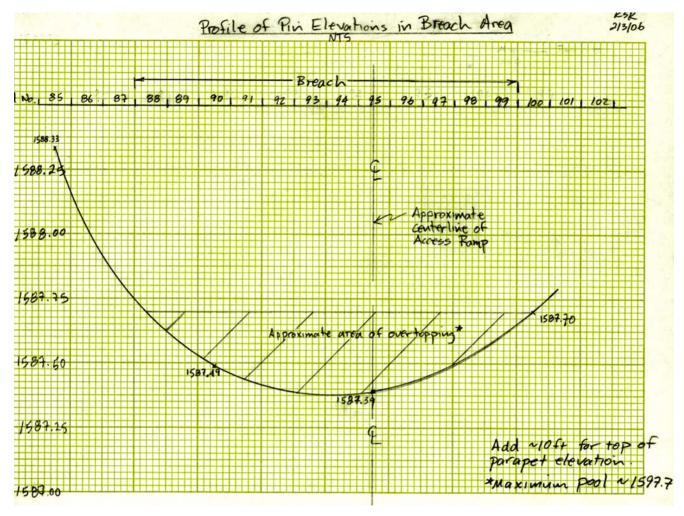


Figure D.2 - Vertical curve in the area of the breach. Approximate extent of overtopping is hatched.

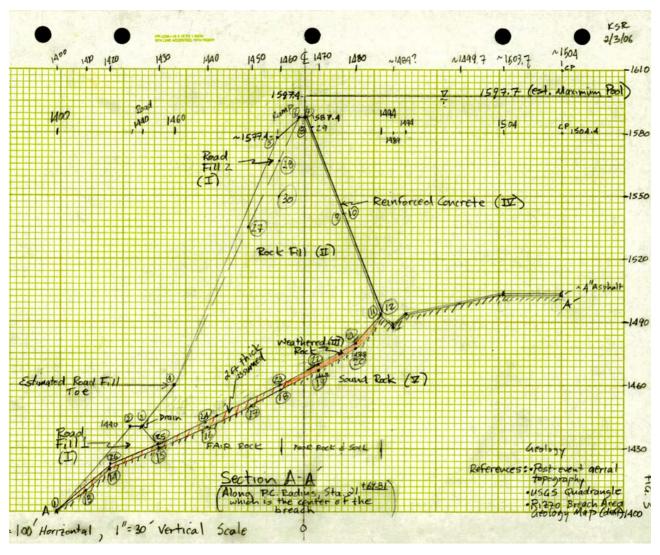


Figure D.3 - Zones selected for model parameters.

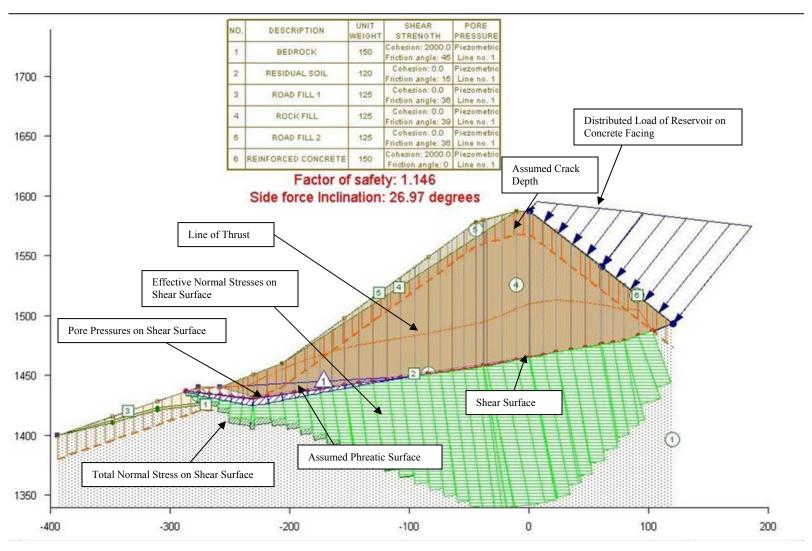


Figure D.4 - Trial 1a, and Key for other figures.

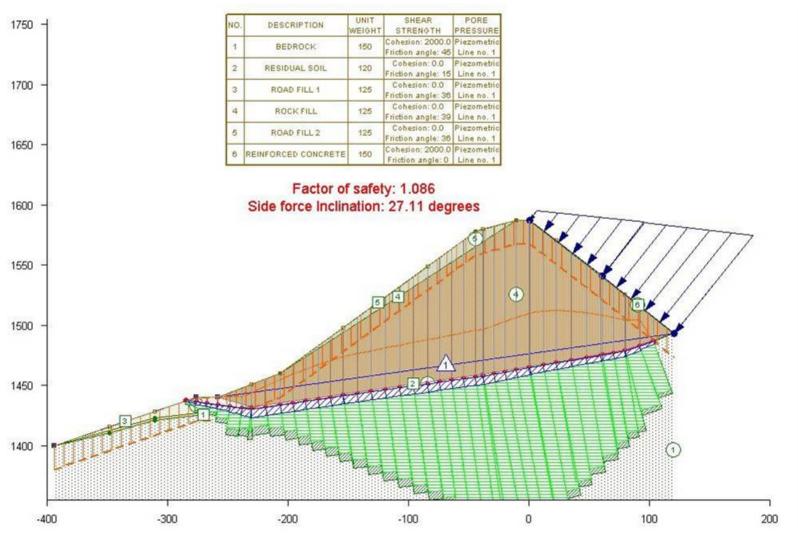


Figure D.5 - Trial 1b

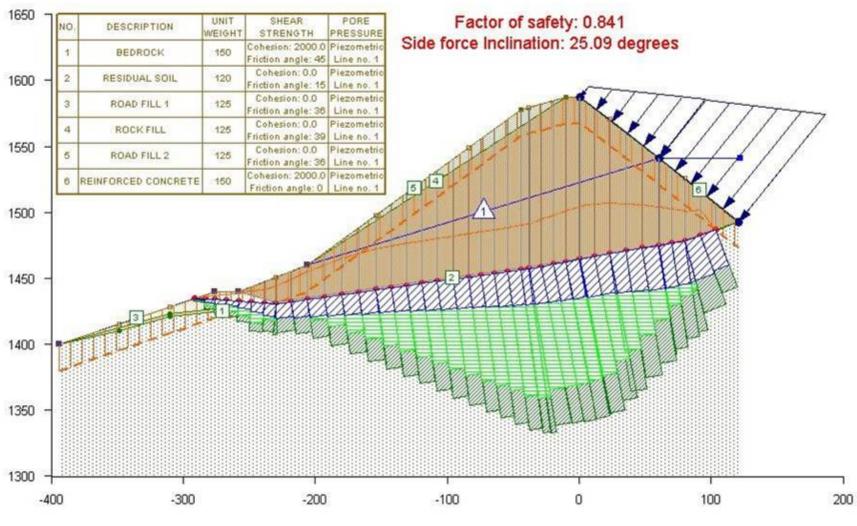


Figure D.6 - Trial 1c

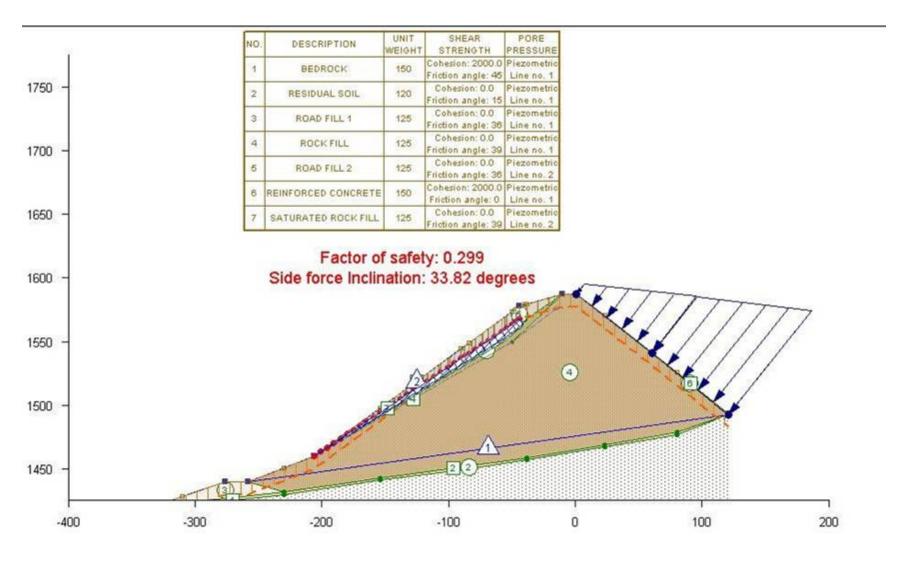


Figure D.7 - Trial 1d

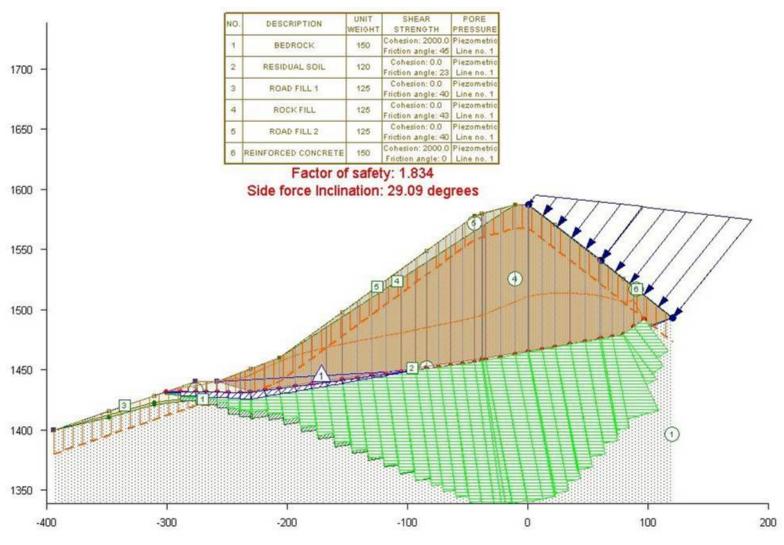


Figure D.8 - Trial 2a

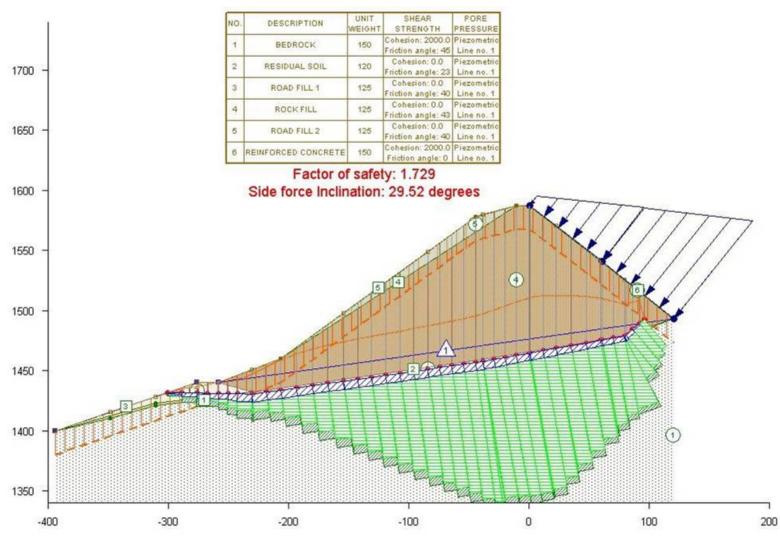


Figure D.9 - Trial 2b

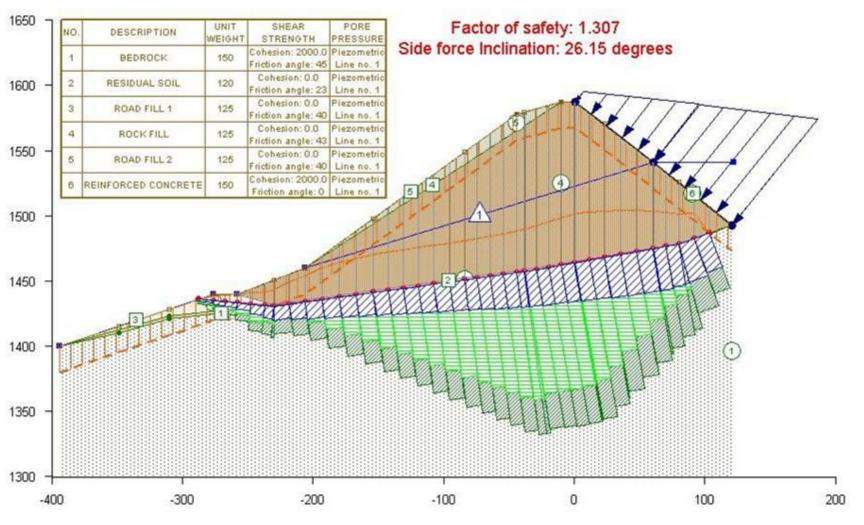
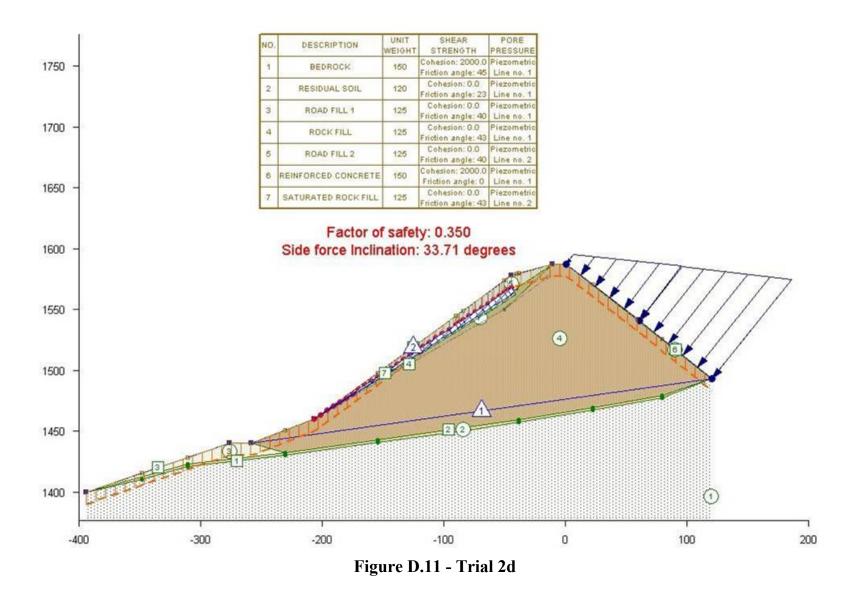


Figure D.10 - Trial 2c



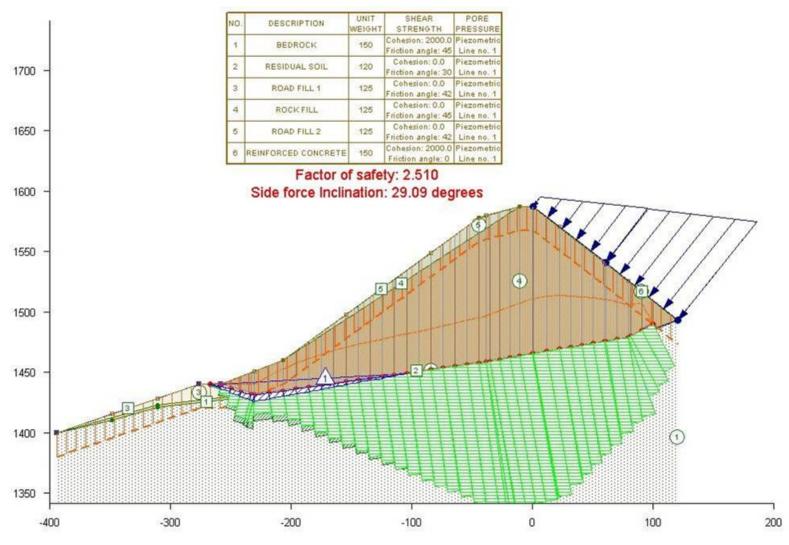


Figure D.12 - Trial 3a

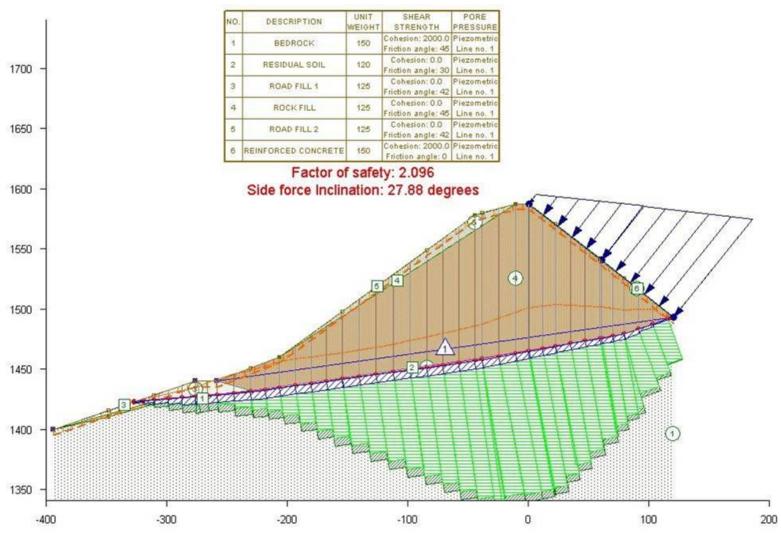


Figure D.13 - Trial 3b

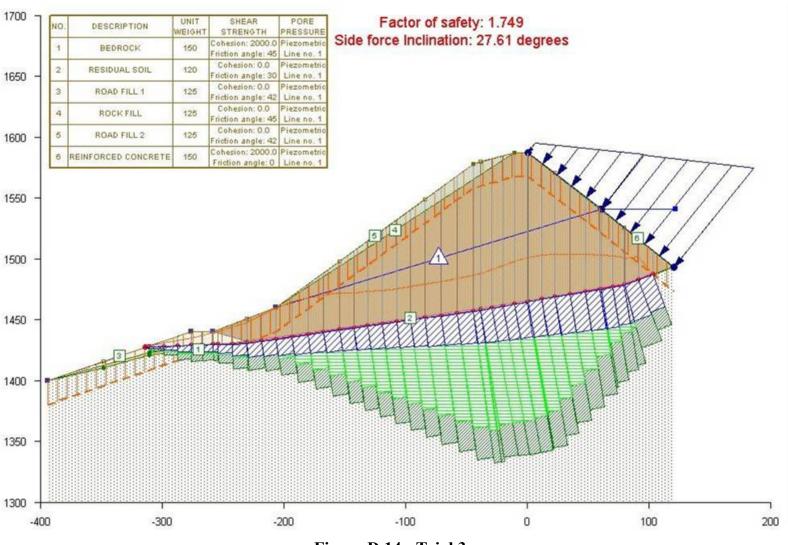


Figure D.14 - Trial 3c

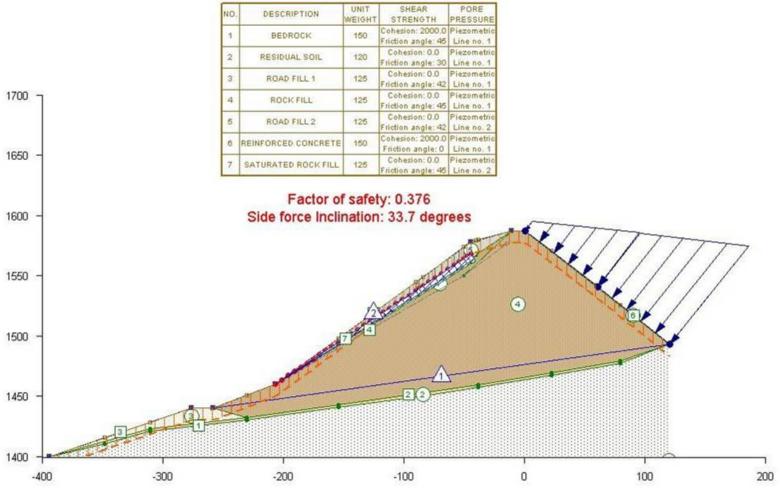


Figure D.15 - Trial 3d

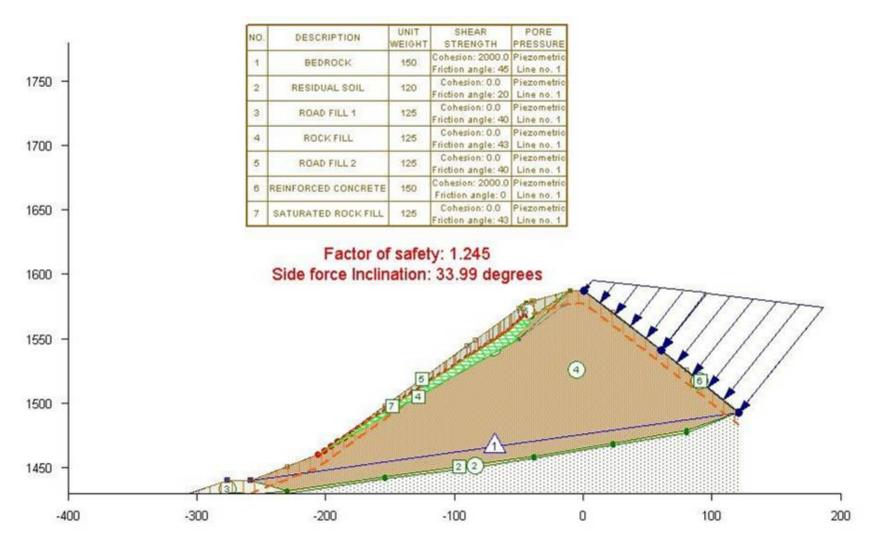


Figure D.16 - Trial 4

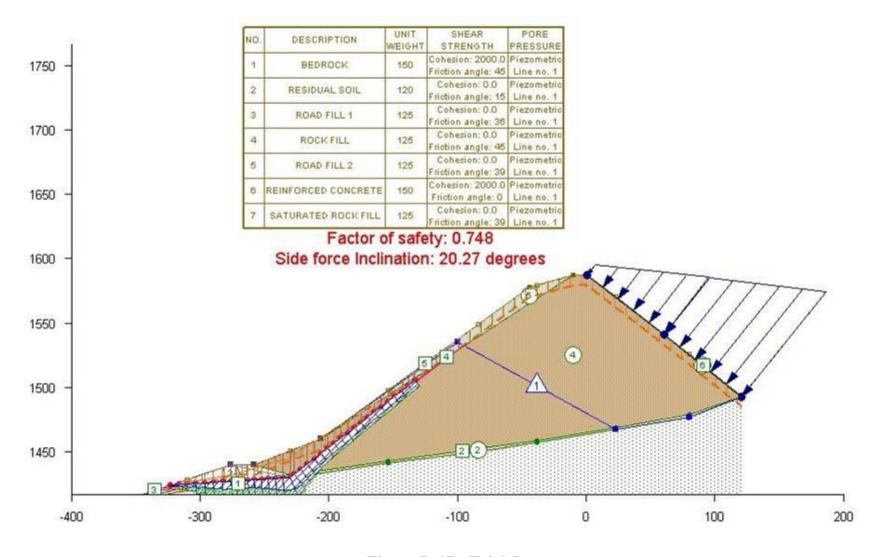


Figure D.17 - Trial 5

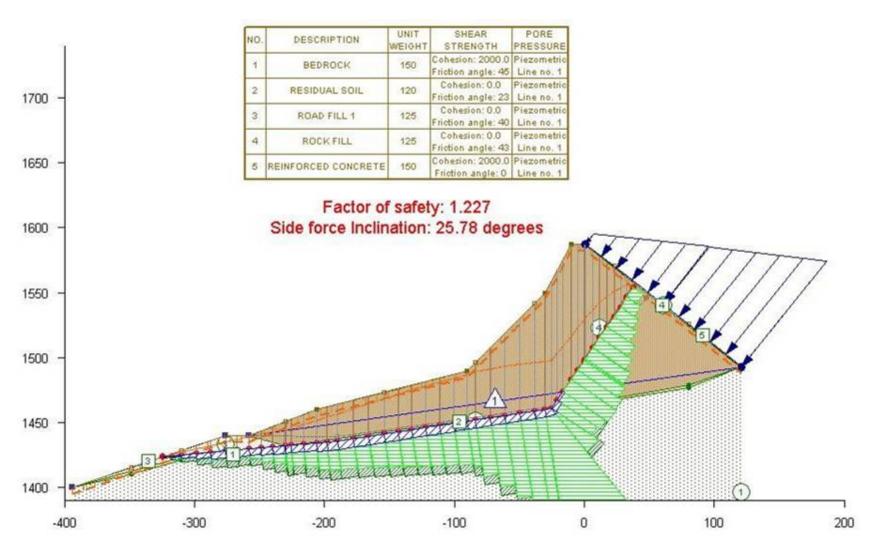


Figure D.18 - Trial 6