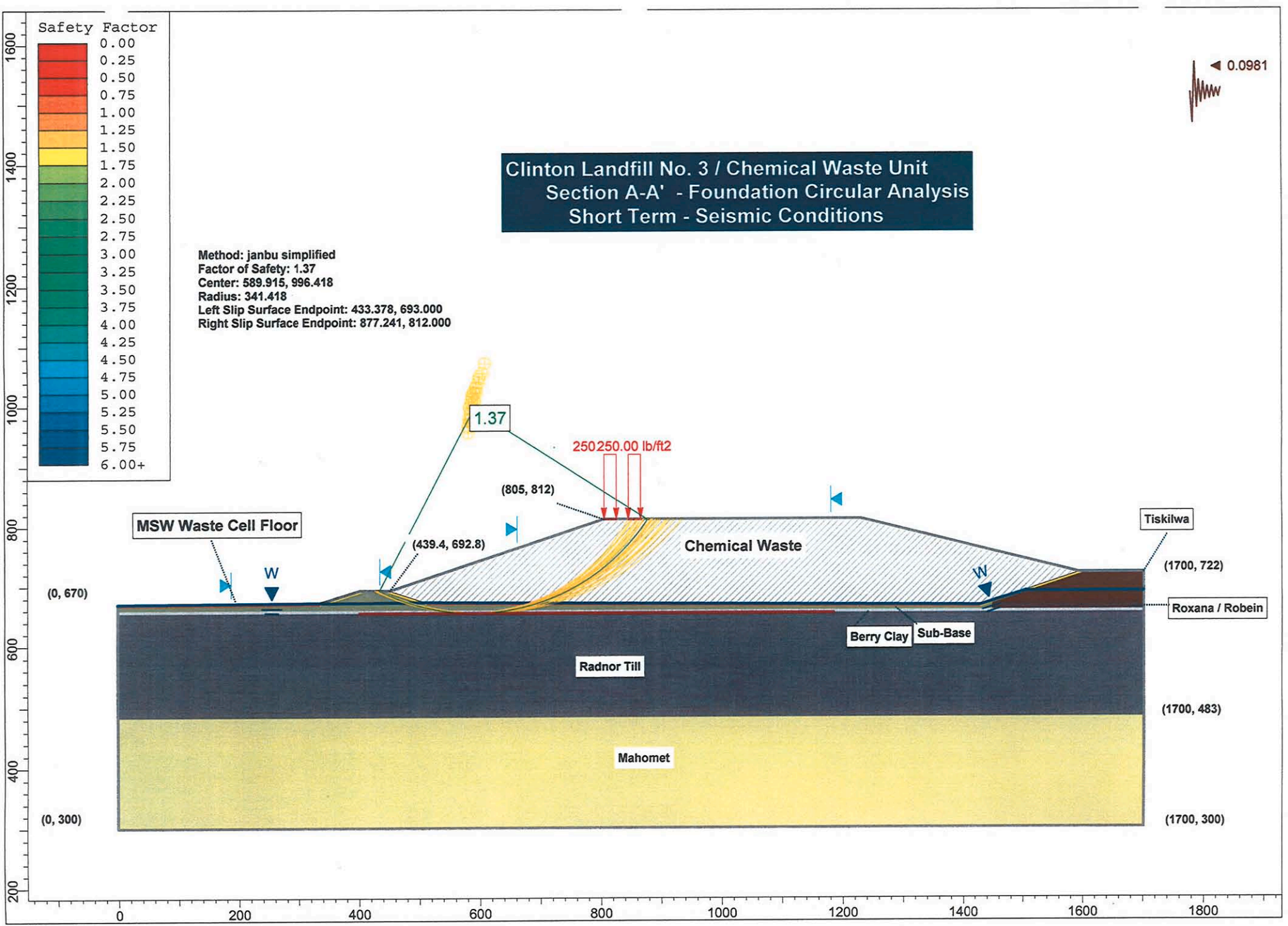
US EPA ARCHIVE DOCUMENT


Safety Factor
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
2.25
2.50
2.75
3.00
3.25
3.50
3.75
4.00
4.25
4.50
4.75
5.00
5.25
5.50
5.75
6.00+
0.0981
Clinton Landfill No. 3 / Chemical Waste Unit
Section A-A' - Foundation Circular Analysis
Short Term - Seismic Conditions
Method: janbu simplified
Factor of Safety: 1.37
Center: 589.915, 996.418
Radius: 341.418
Left Slip Surface Endpoint: 433.378, 693.000
Right Slip Surface Endpoint: 877.241, 812.000
1.37
250250.00 lb/ft2
(805, 812)
(439.4, 692.8)
MSW Waste Cell Floor
W
W
Chemical Waste
Tiskilwa
(1700, 722)
(0, 670)
Roxana / Robein
Berry Clay
Sub-Base
Radnor Till
(1700, 483)
Mahomet
(0, 300)
(1700, 300)
0
200
400
600
800
1000
1200
1400
1600
1800
200
400
600
800
1000
1200
1400
1600