

| Material Name | Color | Unit Weight (lbs/ft3) | Sat. Unit Weight (lbs/ft3) | Cohesion (psf) | Phi (deg) |
|---|-------|-----------------------|----------------------------|----------------|-----------|
| Stratum I | | 125 | 126 | 1000 | 0 |
| Stratum II-III-IV | | 129 | 132 | 2500 | 5 |
| Final Cover | | 129 | 132 | 720 | 13.5 |
| Waste | | 65 | 65 | 0 | 30 |
| Protective Soil Cover (2-ft) | | 129 | 132 | 720 | 13.5 |
| Sideslope Liner - Critical Geosynthetic Interface | | 129 | 132 | 0 | 8 |
| Base Liner - Critical Geosynthetic Interface | | 129 | 132 | 0 | 14 |
| Compacted Low Permeable Soil Liner | | 129 | 132 | 720 | 13.5 |

Pescadito Landfill: South Unit, Section A-A'
 Interim Waste Fill Height (2- Cells)
 Stability of Liner System
 Block Analysis - Short Term Conditions

Method: bishop simplified
 Factor of Safety: 1.535
 Axis Location: 2976.047, 709.818
 Left Slip Surface Endpoint: 2806.289, 518.877
 Right Slip Surface Endpoint: 3026.946, 459.447

