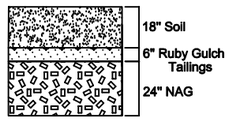
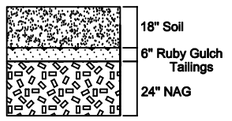
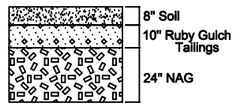
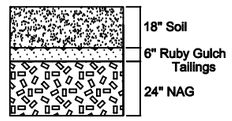
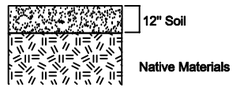
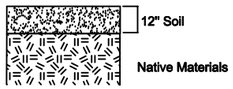
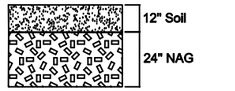
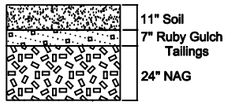
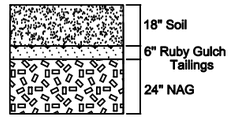
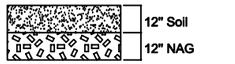
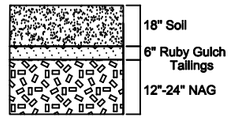
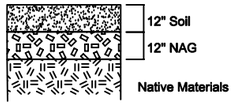
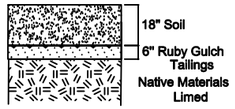
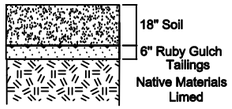
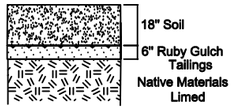
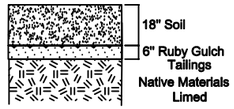
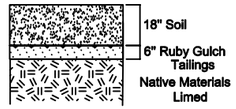
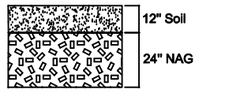
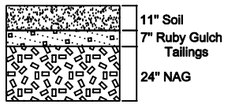
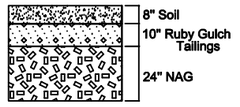
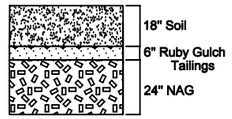
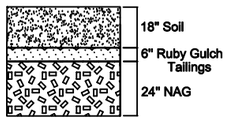
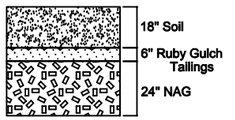
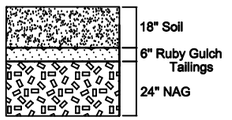
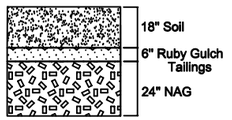
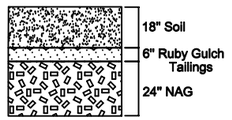
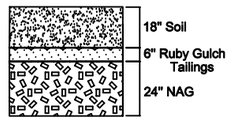
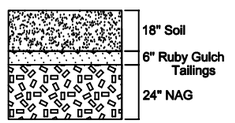
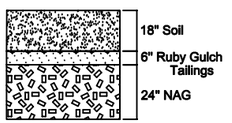
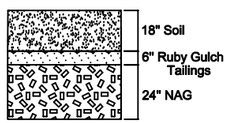
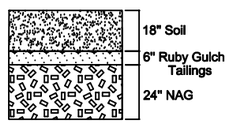
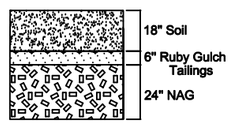
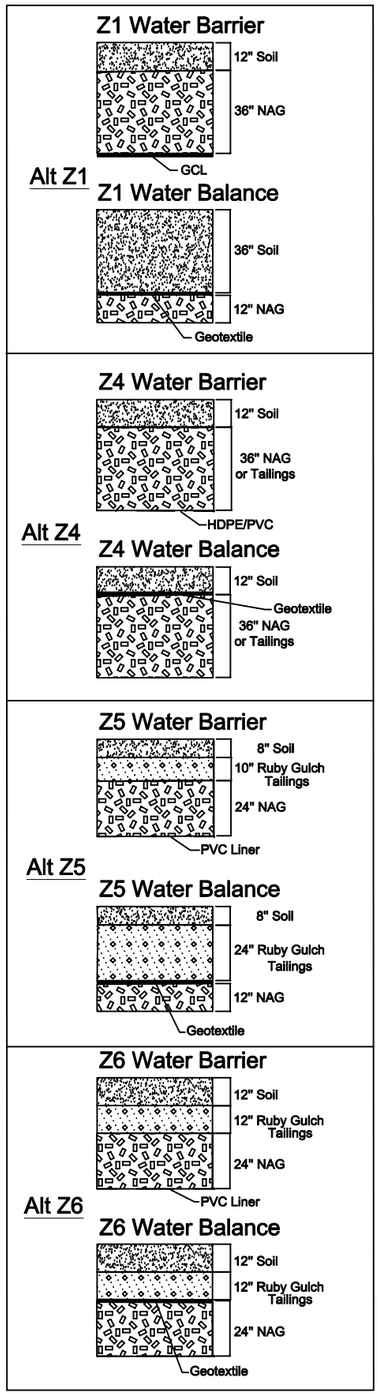
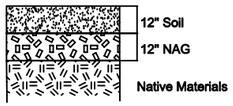
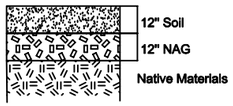
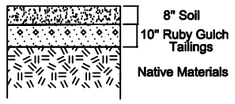
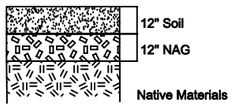
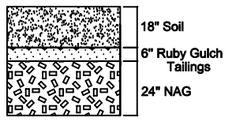
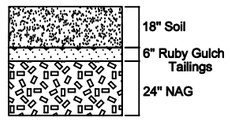
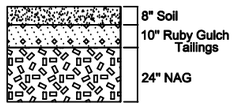
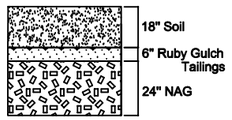
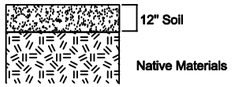
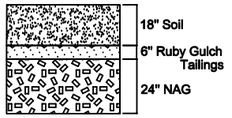
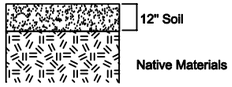
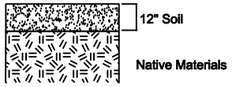
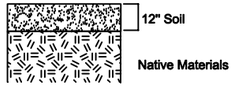
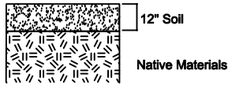
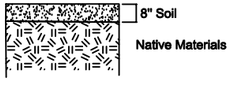
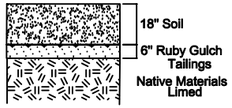
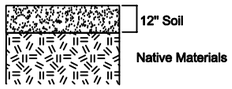
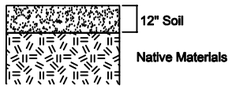
Feature	Alternative Z1	Alternative Z2	Alternative Z3	Alternative Z4	Alternative Z5	Alternative Z6
MINE PITS						
O.K./Ruby Pit	Z1 Water Barrier - 5.98 ac Z1 Water Balance - 28.46 ac	Z6 Water Barrier - 22.02 ac	Z6 Water Barrier - 22.02 ac	Z4 Water Barrier - 20.33 ac Z4 Water Balance - 1.10 ac	Z5 Water Barrier - 10.07 ac Z5 Water Balance - 24.65 ac	Z6 Water Barrier - 22.02 ac
Mint Pit	Z1 Water Barrier - 7.67ac			Z4 Water Barrier - 5.85 ac Z4 Water Balance - 4.71 ac		
North Alabama Pit	Z1 Water Barrier - all			Z4 Water Barrier - 3.10 ac Z4 Water Balance - 5.38 ac		Z6 Water Barrier - 5.41 ac
South Alabama Pit	Z1 Water Barrier - all			Z4 Water Balance - 17.68 ac		
Ross Pit				Z4 Water Barrier - 4.30 ac Z4 Water Balance - 14.61 ac		
LEACH PADS						
Z 82 Leach Pad Footprint (Pad placed in OK/Ruby Pit)						
Z 85/86 Leach Pad	Z1 Water Barrier - 17.77 ac Z1 Water Balance - 15.22 ac			Z4 Water Barrier - 10.36 ac Z4 Water Balance - 22.99 ac		
Z 85/86 Drainage Notch						
Z 79-81 Leach Pad	Z1 Water Barrier - 4.28 ac Z1 Water Balance - 10.89 ac	More Revegetation	More Revegetation	Z4 Water Barrier - 4.28 ac Z4 Water Balance - 10.89 ac	More Revegetation	More Revegetation
Z 83, 84, 89 Leach Pads	Z1 Water Barrier - 16.66 ac Z1 Water Balance - 24.38 ac					
PAD DIKES						
Z 83, 84, 89 Pad Dikes	More Revegetation	More Revegetation	More Revegetation	More Revegetation	More Revegetation	More Revegetation

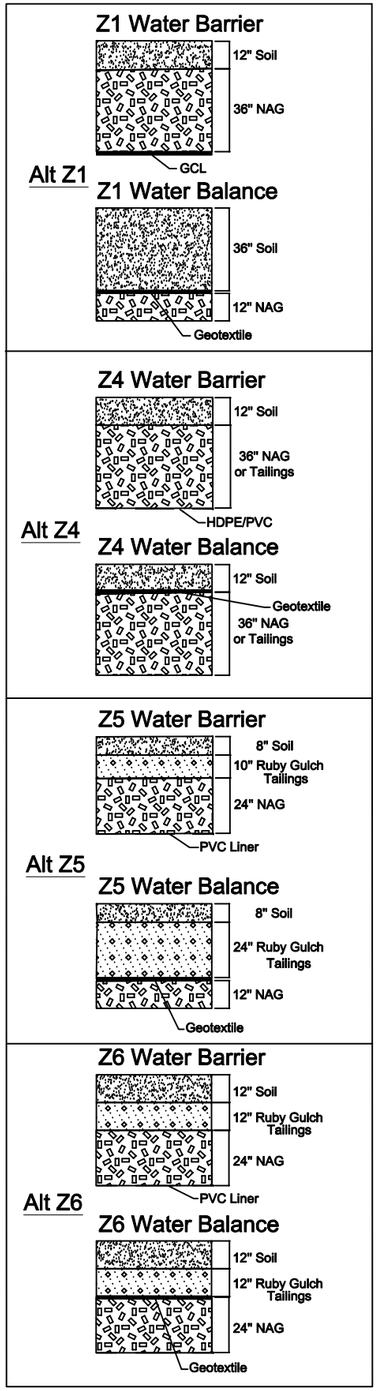
SOURCE: Spectrum Engineering 2001



ZORTMAN MINE RECLAMATION COVERS ALTERNATIVES Z1-Z6

FIGURE 2.4-1a

Feature	Alternative Z1	Alternative Z2	Alternative Z3	Alternative Z4	Alternative Z5	Alternative Z6
DUMPS						
Alder Gulch Waste Rock Dump		Already Reclaimed No Action	Already Reclaimed No Action			Z6 Water Barrier 12.33 ac
South Ruby Waste Rock Dump				Z4 Water Barrier - 2.49 ac Z4 Water Balance - 5.17 ac 		
O.K. Waste Rock Dump		Already Reclaimed No Action	Already Reclaimed No Action	Z4 Water Balance - 10.32 ac		
FACILITIES						
Haul Roads/ Facilities						
NEW DISTURBANCES						
Limestone Quarry		Not Required	Not Required		Not Required	Not Required



SOURCE: Spectrum Engineering 2001

ZORTMAN MINE RECLAMATION COVERS ALTERNATIVES Z1-Z6

FIGURE 2.4-1b