



- Mine Facility List**
- ⊙ Office/Bathhouse
 - ⊙ Shop Warehouse
 - ⊙ Security Shack
 - ⊙ Mine Substation
 - ⊙ Underground Power Lines
 - ⊙ Water Treatment Plant
 - ⊙ Potable Water Tank
 - ⊙ Process Water tank
 - ⊙ Sewer Tank
 - ⊙ Drain Field
 - ⊙ Ventilation Fan
 - ⊙ 60" Conveyor Tunnels to Coal Stockpile
 - ⊙ (ROM) Underground Belt from Stockpile to Crusher
 - ⊙ 48" Conveyor from Crusher to Loadout Bin
 - ⊙ 48" Conveyor from Loadout Bin to Truck Loadout
 - ⊙ Reclaim Tunnel, Escape Tunnel, Fan and Fan House
 - ⊙ (ROM) Storage Pile, Coal Stacking Tube
 - ⊙ Crusher Screen Plant
 - ⊙ Truck Scale and Loadout
 - ⊙ Coal Loadout Storage Bin
 - ⊙ Guardrails
 - ⊙ Underground Pipes
 - ⊙ Chain Link Fence
 - ⊙ Non-Coal Waste Area
 - ⊙ Equipment & Supplies Storage Area
 - ⊙ Topsoil Pile
 - ⊙ Refuse Pile
 - ⊙ Sediment Pond
 - ⊙ Slope Access Road/Portal Access Road
 - ⊙ Rock Slopes
 - ⊙ Truck Loadout Road
 - ⊙ Office/Boothouse/Warehouse Asphalt Parking Area
 - ⊙ Mine Parking
 - ⊙ Fuel Tanks
 - ⊙ Powder and Cap Magazines

LEGEND:

- UNDISTURBED WITHIN THE DISTURBED AREA
- DISTURBED AREA BOUNDARY:
- NATURAL DRAINAGE:
- 6' HIGH CHAIN LINK FENCE
- INCIDENTAL ROCK DISTRIBUTION:
- STREAM BUFFER ZONE SIGNS

NOTES:
(1) REFER TO PLATE 5-7A&B FOR CROSS-SECTIONS.

STRUCTURAL FILL:

TEMP. REFUSE PILE (COAL MINE WASTE):

TOPSOIL BERM:

Stream Buffer Zone:

Berm
Ditch
Culvert
WS Bound

REVISION DATE:

DATE:	BY:	DATE:	BY:
JAN 2008	RJM		
APR 2008	TJS		
JUL 2008	TJS		
JUN 2009	TJS		
JAN 2010	TJS		

NOTE: "UNDISTURBED" DENOTES DRAINAGE AND IS NOT APPLICABLE TO SOILS.

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PROFESSIONAL ENGINEER
 R. JAY MARSHALL
 #452606
 6/3/10

LILA CANYON MINE

DISTURBED AREA HYDROLOGY AND WATERSHED MAP

DATE: January 2008 DESIGNED BY: R. Jay Marshall
 SCALE: AS SHOWN PLATE #: 7-2

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