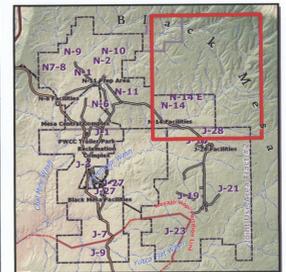


Bonding Map
Drawing #89800
 Northeast Sheet

Produced by PWCC GIS
 Mar 08, 2010
T:\Projects\Bonding\89800\Map\Bonding 1000.mxd

1 Inch = 1000 Feet
20 feet interval
 Indexes at 100 feet

PEABODY WESTERN GIS
Black Mesa Complex
 PO Box 650
 Kayenta, Arizona 86033



- Bond Categories**
- I Permanent Program Area
 - II Final Pit Reclamation Area
 - III Permanent Program Area Revegetated except for mine support facilities
 - IV Permanent Program Area Revegetated and held for bond release
 - V Interim Program Area
 - VI Pre-law, Affected Lands
 - VII Land Under Major Facilities Area
 - VIII Completed Bond Release / TOJ
 - IX Phase I Bond Release Approved Only
 - X Phase I + Phase II Bond Release Approved Only
- Mine Plan and Open Pit**
- 1 Mine Plan Blocks / Coal Resource Areas
 - 2 210 Open Pit

- Mine Transport Features**
- 1 Permanent Primary Road
 - 2 Temporary Primary Road
 - 3 Mine Ramp
 - 4 Ancillary Road
 - 5 PWCC Conveyor
- Non-Mine Roads**
- 1 US/State Highway
 - 2 Primary Local Road
 - 3 Navajo Route 41
 - 4 Residential Road
 - 5 Track
- Water Features and Facilities**
- 1 Existing Water Impoundment
 - 2 Proposed Water Impoundment
 - 3 Sewage Facility
 - 4 PWCC Water Line
 - 5 Major Drainage

- Other Mine Facilities**
- 1 PWCC Powerlines
 - 2 Non-PWCC Powerlines
 - 3 PWCC Buildings
 - 4 Explosives Storage Facility
 - 5 Topsoil Stockpile
 - 6 Off Spoil
 - 7 Coal Stockpile
 - 8 On Spoil
 - 9 Scoria Pit
- Administrative Boundaries and Protected Areas**
- 1 PWCC Lease/ROW Line
 - 2 AZ-0001D Permit Line
 - 3 AZ-0001 Permit Line
 - 4 Navajo-Hopi Partition Line
 - 5 TCP Sites
 - 6 Protection Buffers

MAP REVISIONS

CHK'D	DATE	DESCRIPTION
JGS	07-15-1996	Mineplan Update
JGS	11-25-1996	5 Year Mine Plan Revision
JGS	10-15-1997	OSM Response
JGS	02-15-2000	1D Permit Renewal
JGS	12-27-2000	EQ Sites Update
JGS	02-02-2001	N11, N14 Facilities Revision
JGS	12-05-2001	5-Year Mineplan Revision
JGS	01-20-2004	5-Year Mineplan Revision
JGS	04-01-2005	5-Year Mineplan Revision
JGS	08-15-2008	5-Year Mineplan Revision
JGS	03-31-2010	5-Year Permit Revision

ENGINEER'S CERTIFICATION

James G. Schlenvogt
James G. Schlenvogt
 Engineering Manager
 Peabody Western Coal Company

JUN 18 2010
 Date