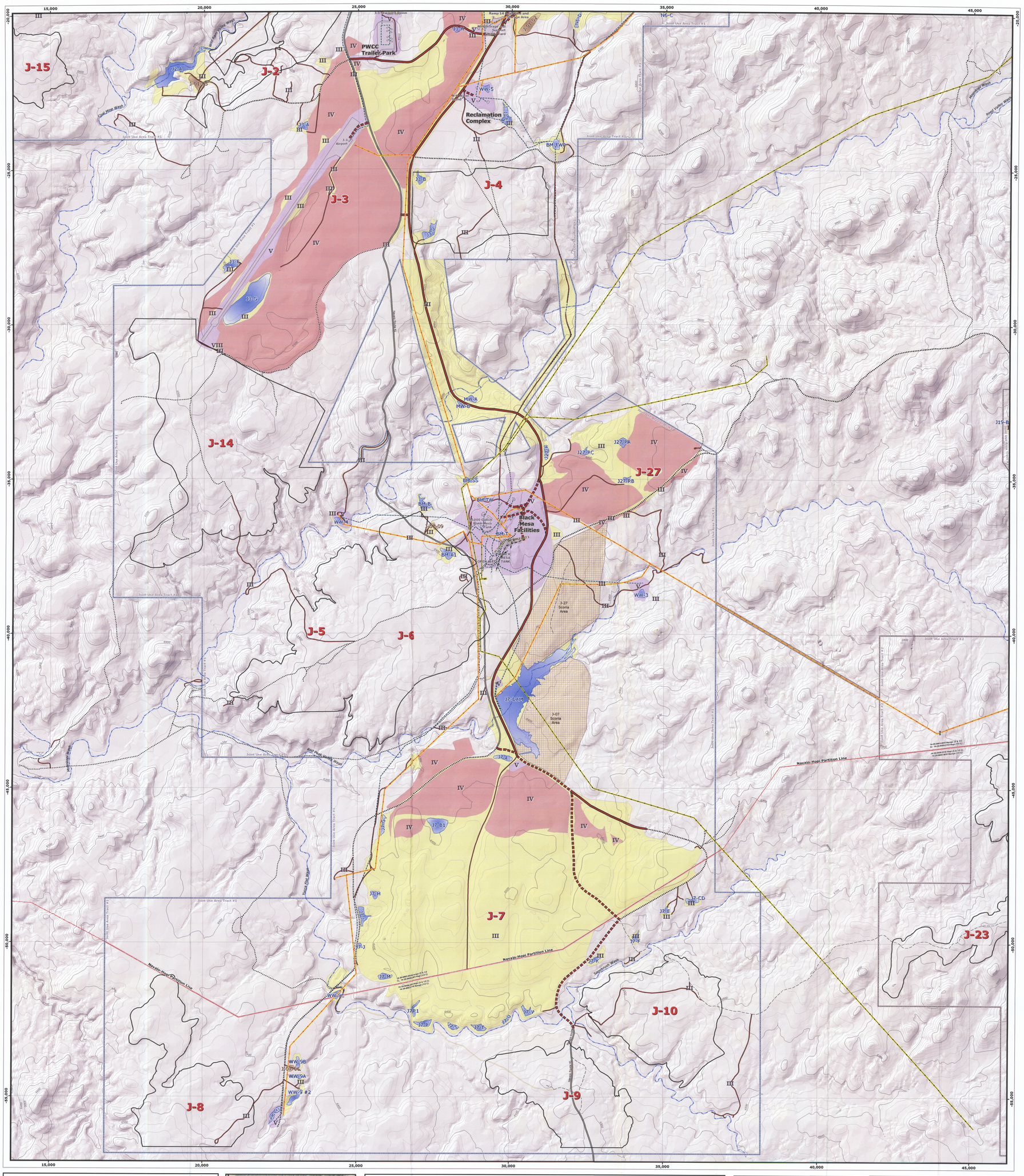


Bonding Map
Drawing #89800
Southwest Sheet

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

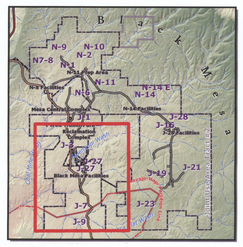
1 Inch = 1000 Feet
20 foot interval
Indexes at 100 feet

N

PEABODY WESTERN GIS

Black Mesa Complex
PO Box 650
Kayenta, Arizona 86033

Map Design by Desmond/Hunt Enterprises



Bond Categories

- I — Permanent Program Area 2010 Final Pit Reclamation Area
- II — Permanent Program Area Revegetated except for mine support facilities
- IIA — Permanent Program Area Revegetated and held for bond release
- III — Interim Program Area
- IV — Pre-law, Affected Lands
- V — Land Under Major Facilities Area
- VI — Completed Bond Release / TOJ
- VII — Phase I Bond Release Approved Only
- VIII — Phase I + Phase II Bond Release Approved Only

Mine Plan and Open Pit

- Mine Plan Blocks / Coal Resource Areas
- 2010 Open Pit

Mine Transport Features

- Permanent Primary Road
- Temporary Primary Road
- Mine Ramp
- Ancillary Road
- PWCC Conveyor

Non-Mine Roads

- US/State Highway
- Navajo Route 41
- Primary Local Route
- Residential Road
- Track

Water Features and Facilities

- Existing Water Impoundment
- Proposed Water Impoundment
- Sewage Facility
- PWCC Water Line
- Major Drainage

Other Mine Facilities

- PWCC Powerlines
- Non-PWCC Powerlines
- PWCC Buildings
- Explosives Storage Facility
- Topsoil Stockpile Off Spoil
- Topsoil Stockpile On Spoil
- Coal Stockpile
- Scoria Pit

Administrative Boundaries and Protected Areas

- PWCC Lease/ROW Line
- AZ-0001D Permit Line
- AZ-0001 Permit Line
- Navajo-Hopi Partition Line
- TCP Sites
- 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

Registered Professional Engineer (Civil)
CERTIFICATE NO. 18782
JAMES G. SCHLENVOGT
NATIVE AMERICAN
ARIZONA, U.S.A.
Expires 06/30/2010

James G. Schlenvogt — JUN 18 2010
James G. Schlenvogt — Date
Engineering Manager
Peabody Western Coal Company