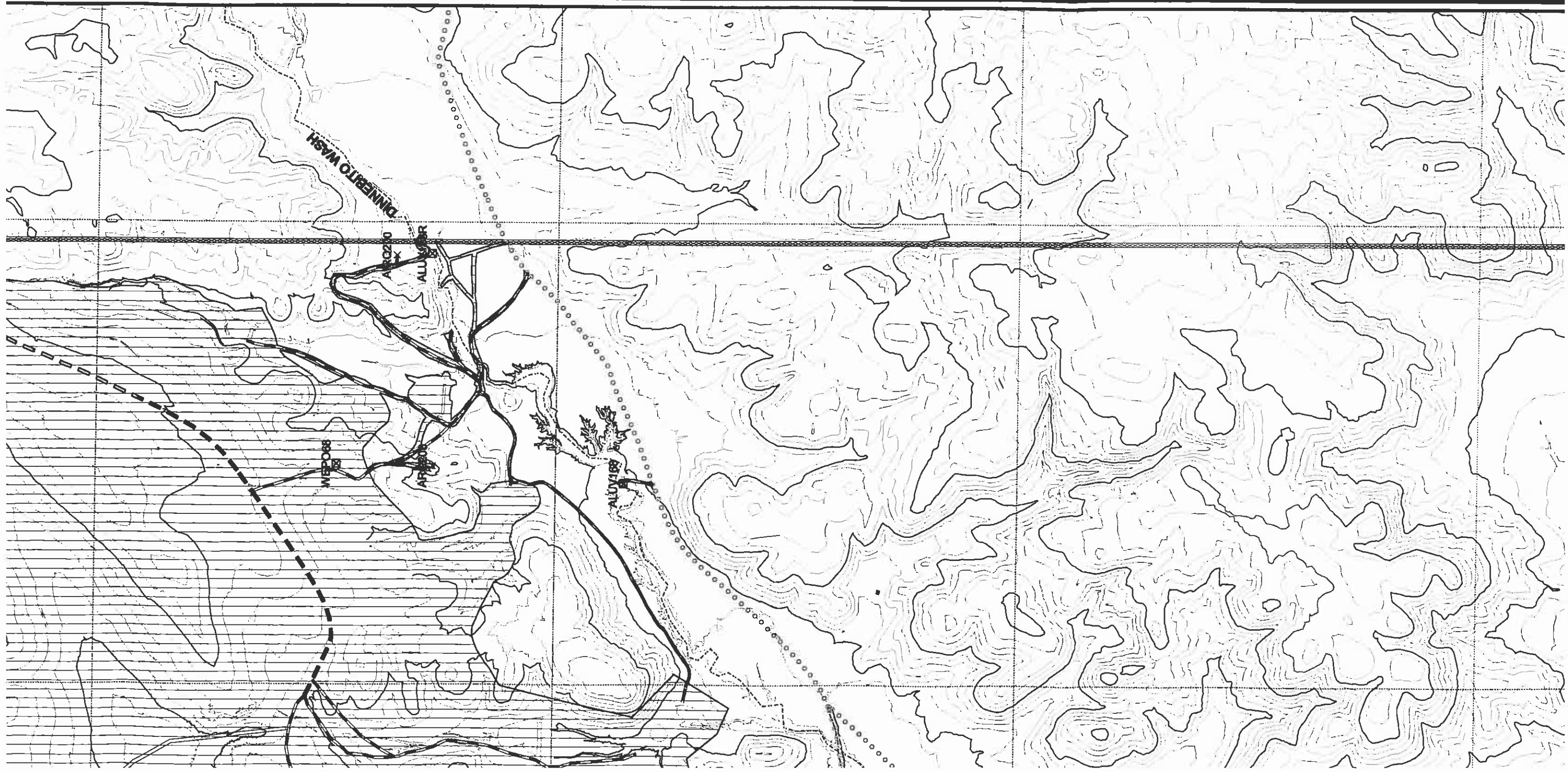
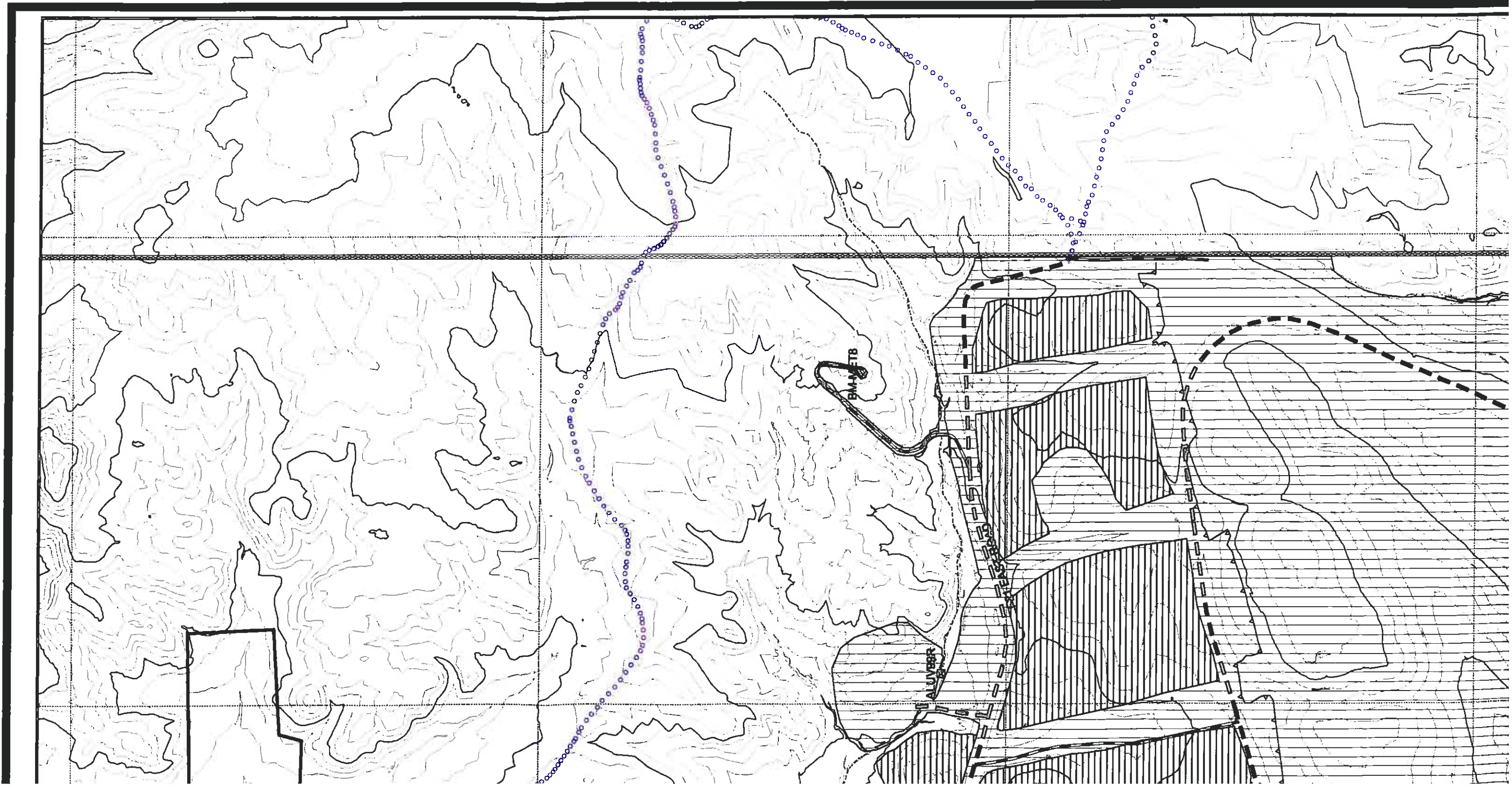


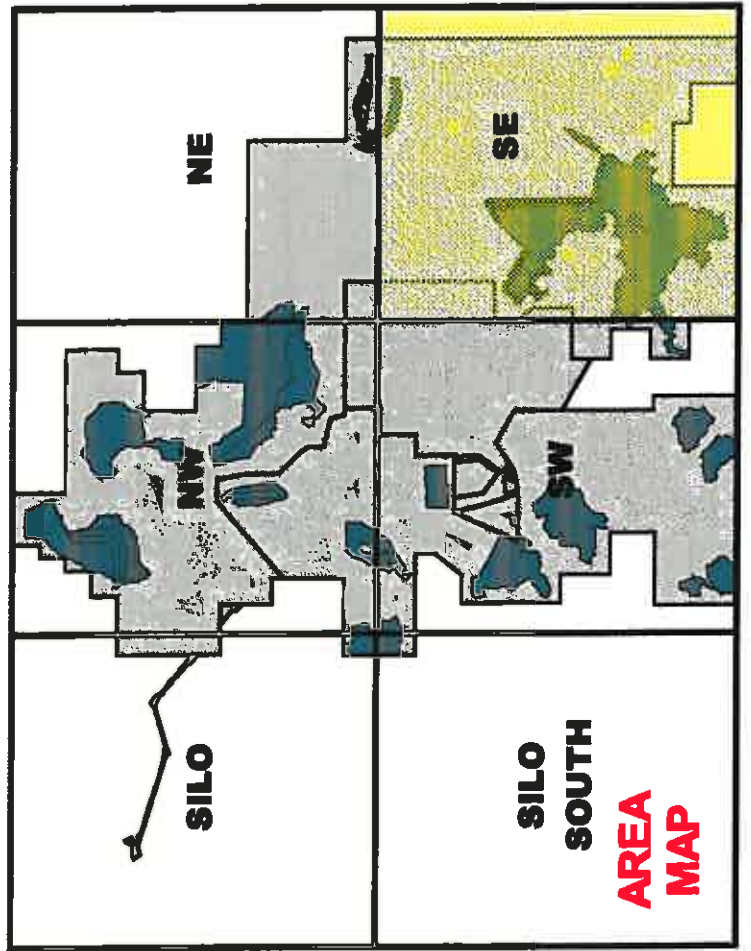
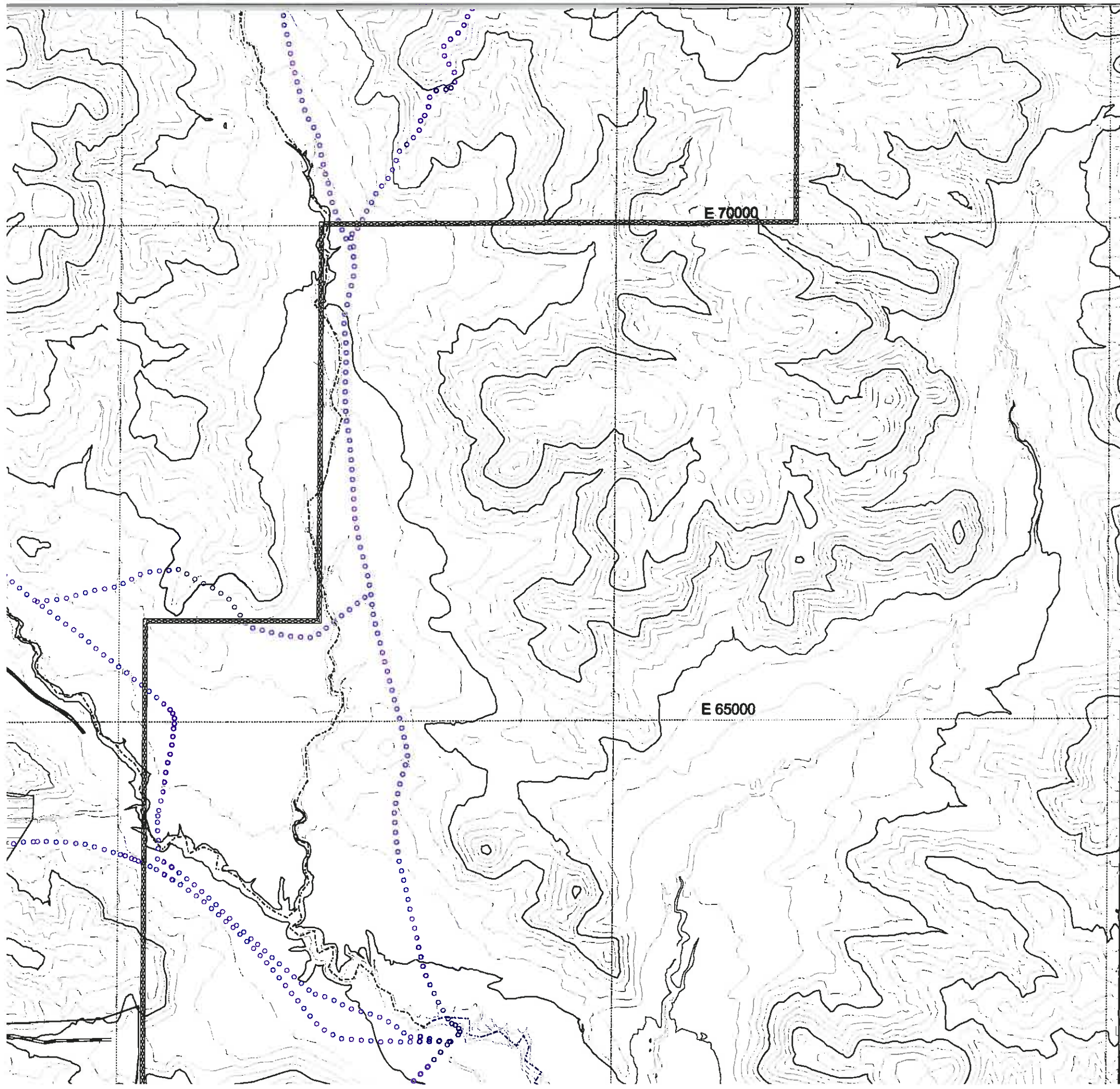
Jurisdictional Permit and Affected Lands Map
Drawing No. 85360
(SE Sheet)

Black Mesa Complex
PO Box 650, Kayenta, Arizona 86033

Produced For:	J. Schlenvogt	Map By:	J. Hamilton
Map Scale:	1 Inch = 1000 Feet	Contour Interval:	20 Feet
Photo Date:	N/A	Photo Resolution:	N/A
s:\gis\bm_data_n09\projects\jpm_1205rev.apr		Plot Date:	December 14, 2005







REVISIONS

CHK'D	DATE	DESCRIPTION
JGS	12-7-01	5 Yr. Mine Plan Rev.
JGS	08-01-02	OSM Response
JGS	08-12-02	OSM Response
JGS	10-08-03	Mine Plan Rev.
JGS	12-04-03	OSM Response
JGS	2-3-04	Mine Plan Revision
JGS	4-8-04	Mineplan / Roads Rev.
JGS	6-5-04	Road / TSS Rev.
JGS	1-20-04	5-Yr. Mineplan Rev.
JGS	1-14-05	N-9 5-Yr. Mineplan Rev.
JGS	12-15-05	N-9 Sequence Rev.

Jurisdictiona

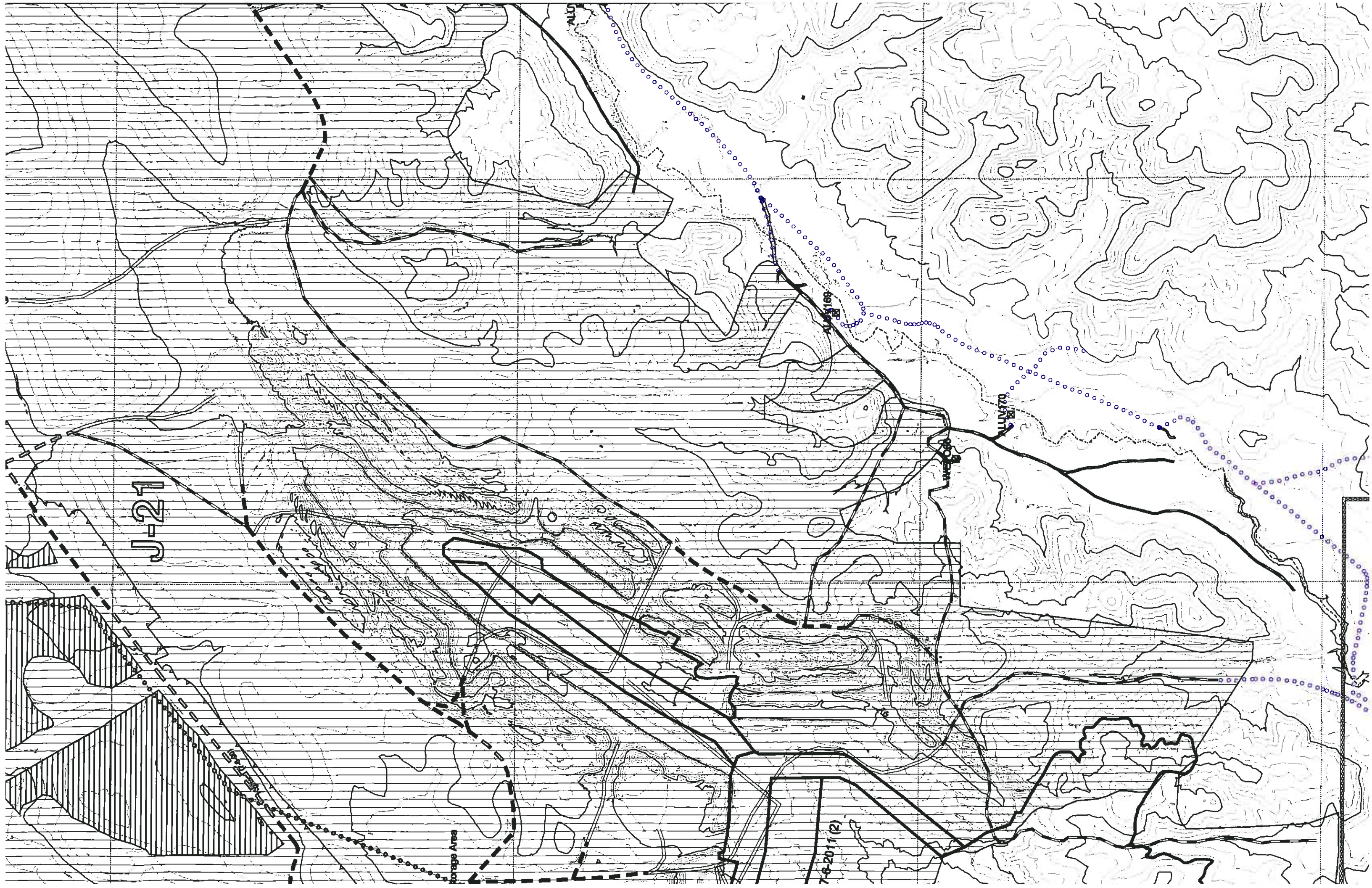
PO Box 6

Produced For: 1 Inc

Map Scale: 1 Inc

Photo Date:

s:\gislbm_data_n09\projects



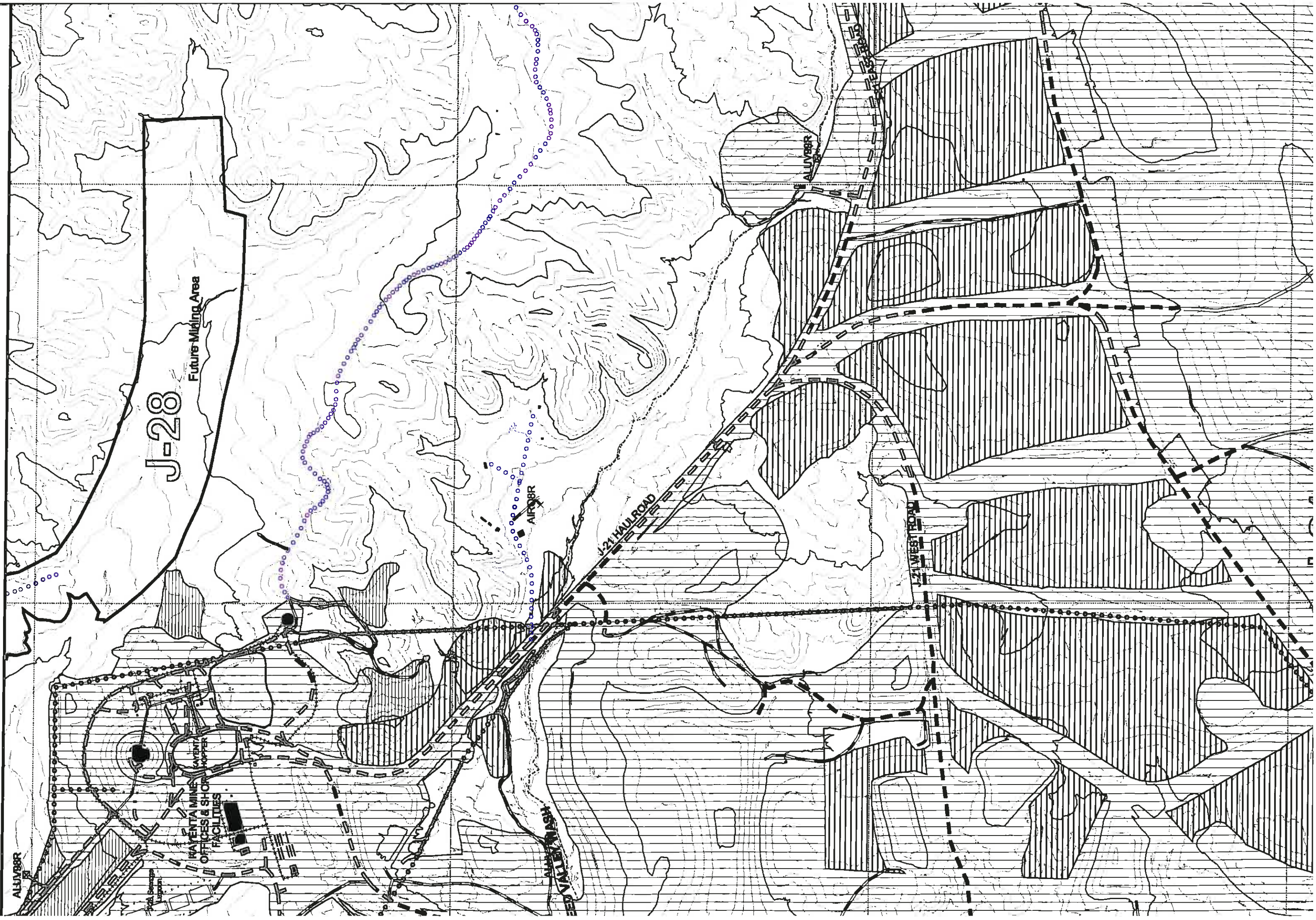
J-21

Storage Area

7-6-2011 (2)

ALU

LUNATO



J-28

Future Mining Area

MAYENTA MINE
OFFICES & SHORLUMBER
FACILITIES

J-21 HAUL ROAD

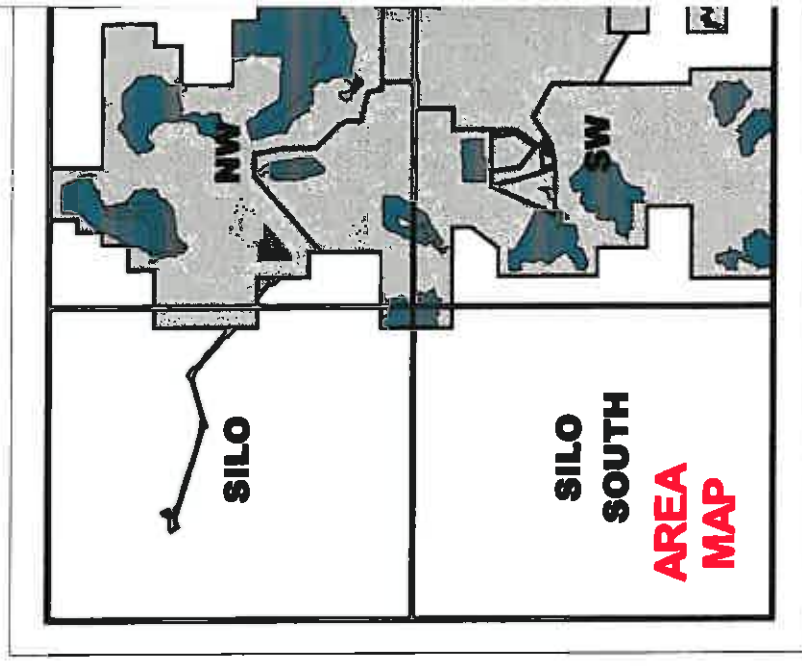
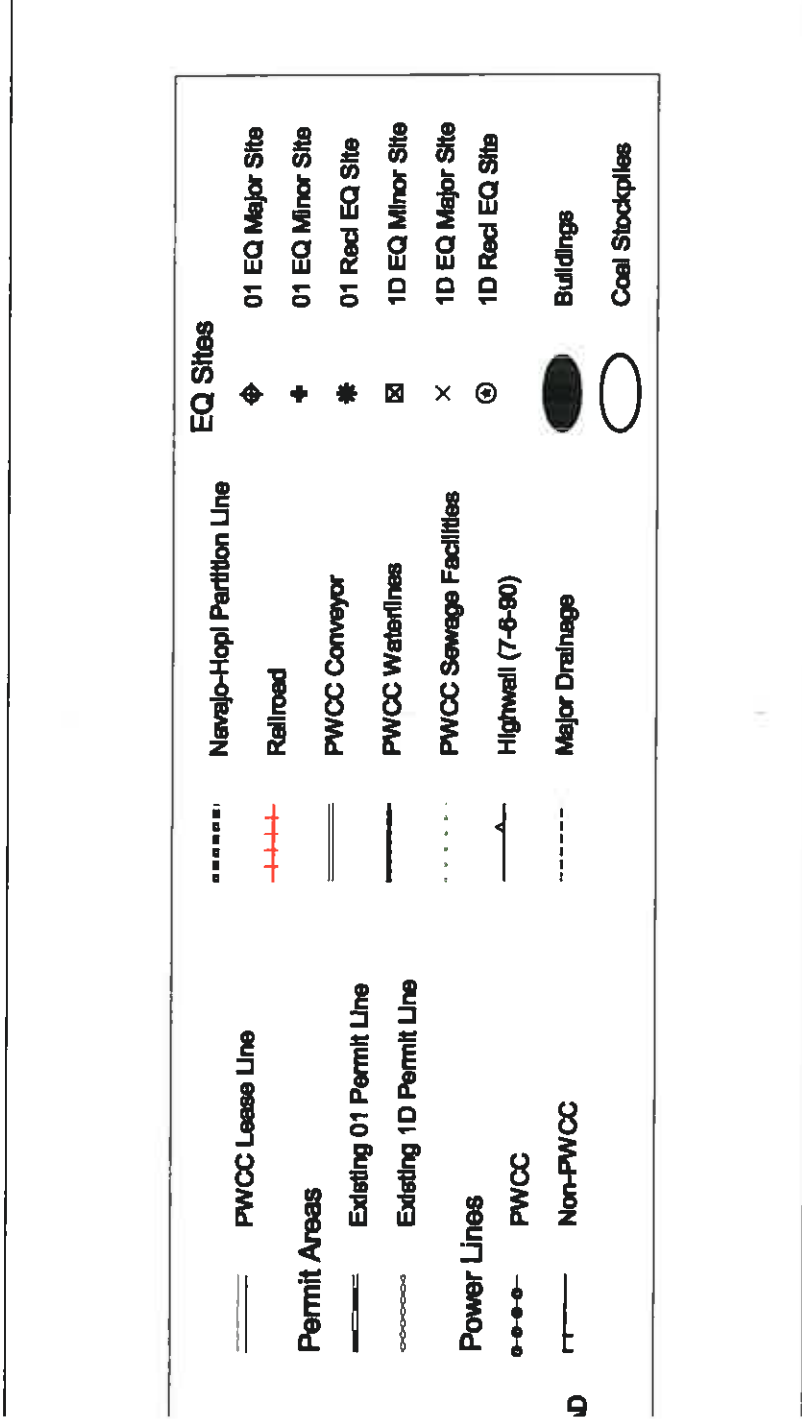
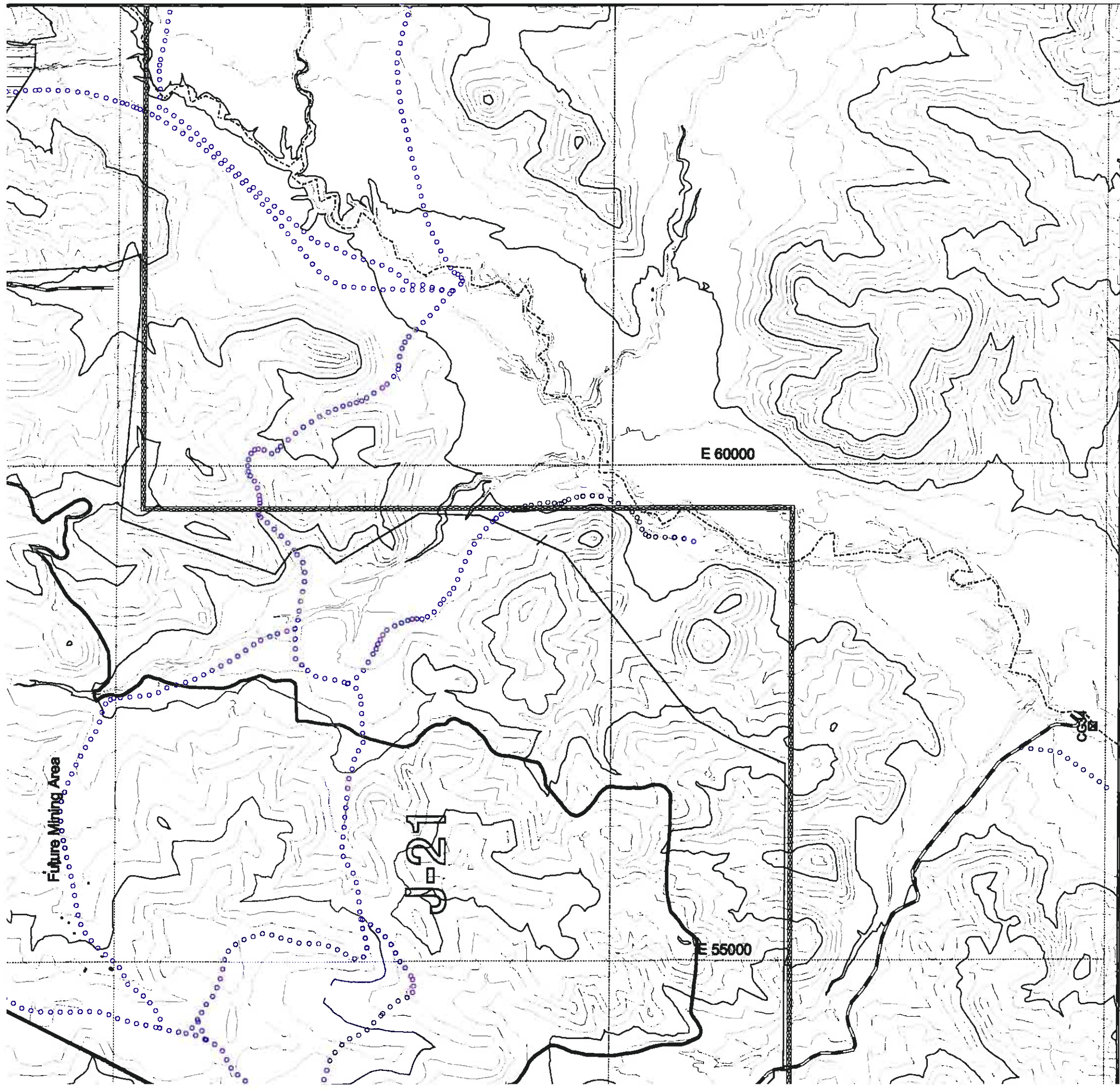
J-21 WEST ROAD

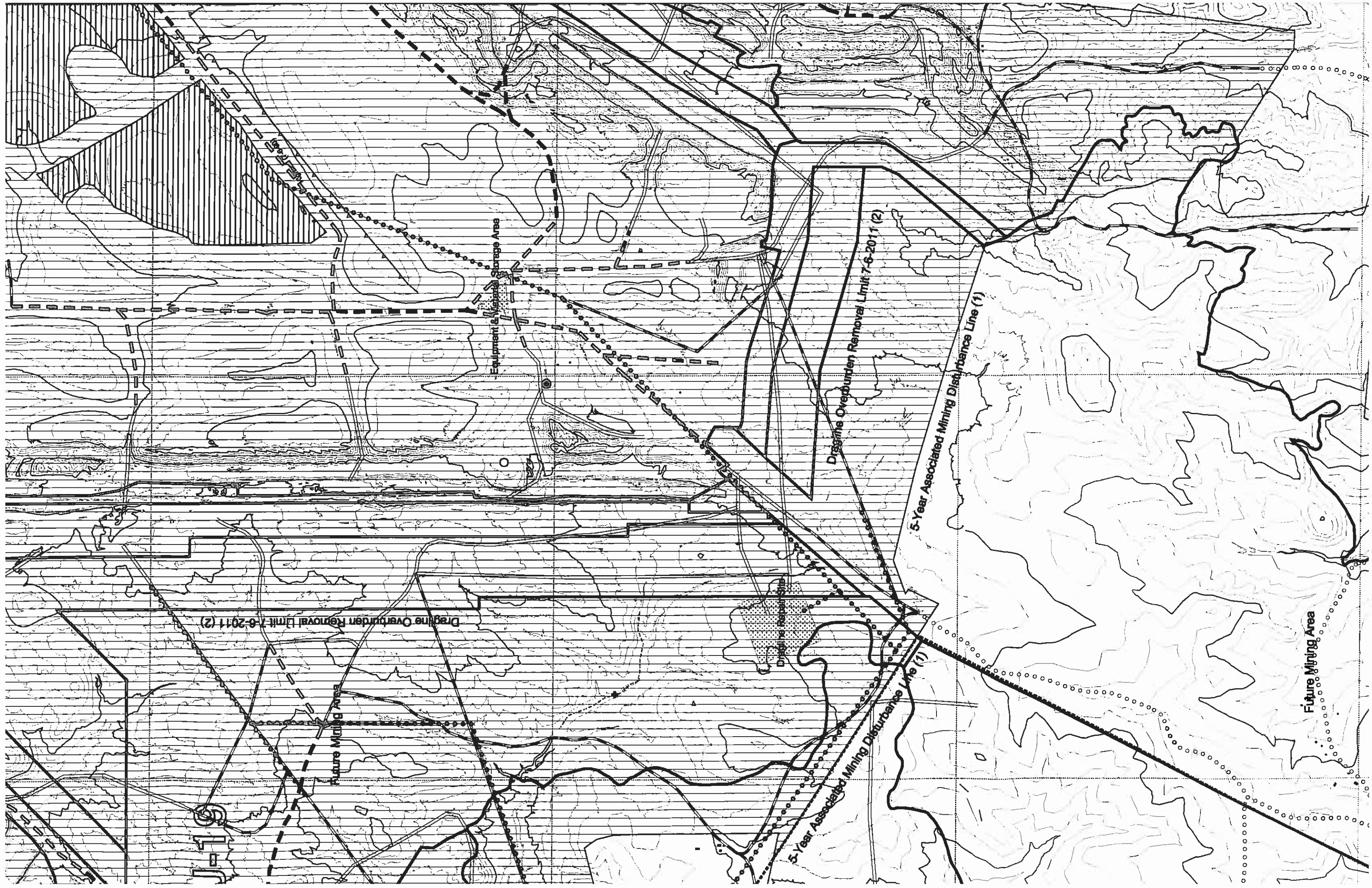
AIRBORR

AIRBORR

AIRBORR

RED VALLEY WASH





119

Dragline Overburden Removal Limit 7-6-2011 (2)

Future Mining Area

Equipment & Material Storage Area

5-Year Associated Mining Disturbance Line (1)

Dragline Overburden Removal Limit 7-6-2011 (2)

5-Year Associated Mining Disturbance Line (1)

Future Mining Area

Area in which Dragline Overburden Removal is Conducted for the Purpose of Recovering Coal.

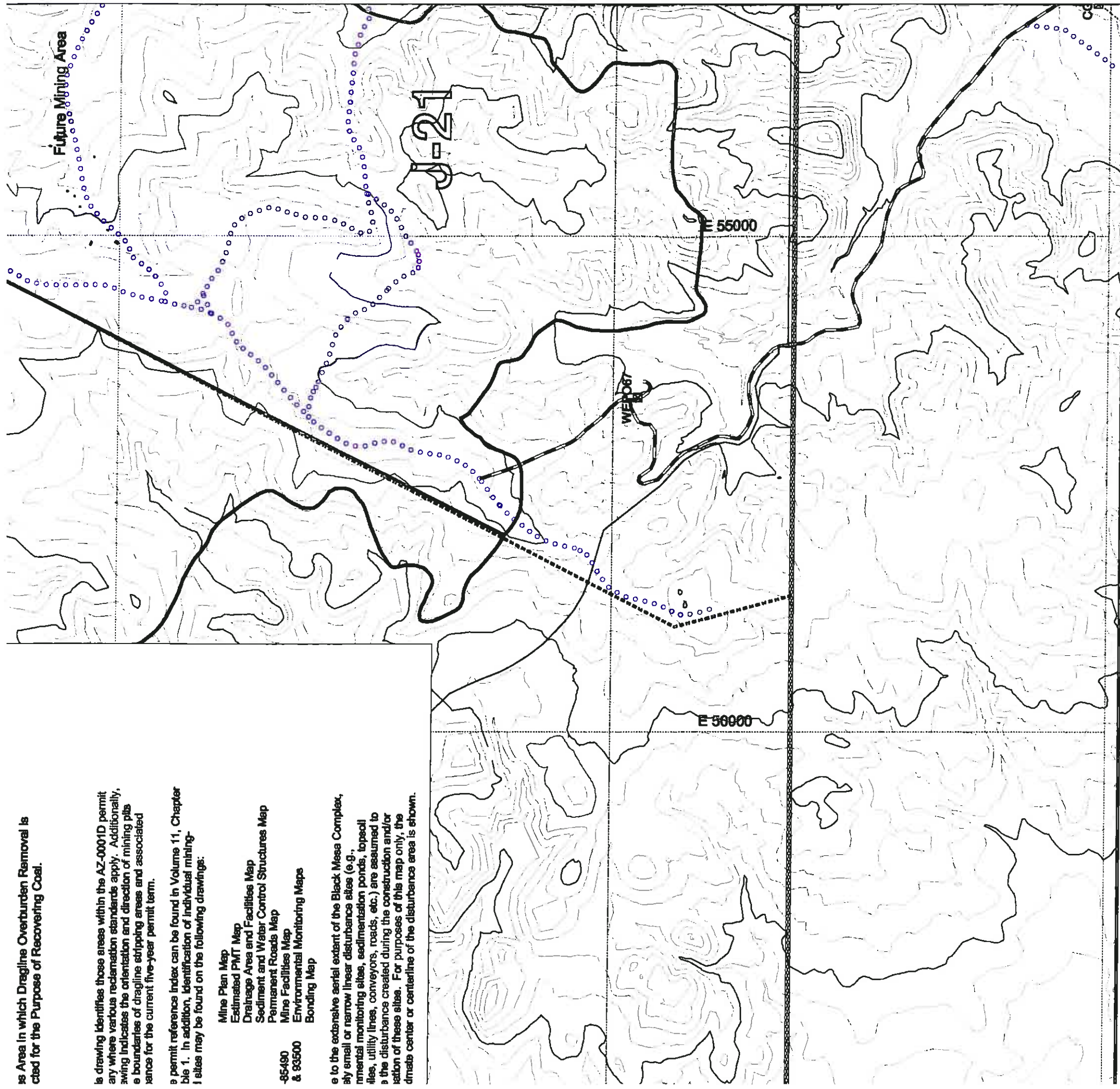
This drawing identifies those areas within the AZ-0001D permit area where various reclamation standards apply. Additionally, this drawing indicates the orientation and direction of mining pits and boundaries of dragline stripping areas and associated disturbance for the current five-year permit term.

A permit reference index can be found in Volume 11, Chapter 1, Table 1. In addition, identification of individual mining pits may be found on the following drawings:

- Mine Plan Map
- Estimated PMT Map
- Drainage Area and Facilities Map
- Sediment and Water Control Structures Map
- Permanent Roads Map
- Mine Facilities Map
- Environmental Monitoring Maps
- Bonding Map

-85490
& 93500

Due to the extensive aerial extent of the Black Mesa Complex, only small or narrow linear disturbance sites (e.g., environmental monitoring sites, sedimentation ponds, topsoil piles, utility lines, conveyors, roads, etc.) are assumed to be the disturbance created during the construction and/or operation of these sites. For purposes of this map only, the approximate center or centerline of the disturbance area is shown.



R'S CERTIFICATION



DEC 15 2005

SCHLENVOGT DATE

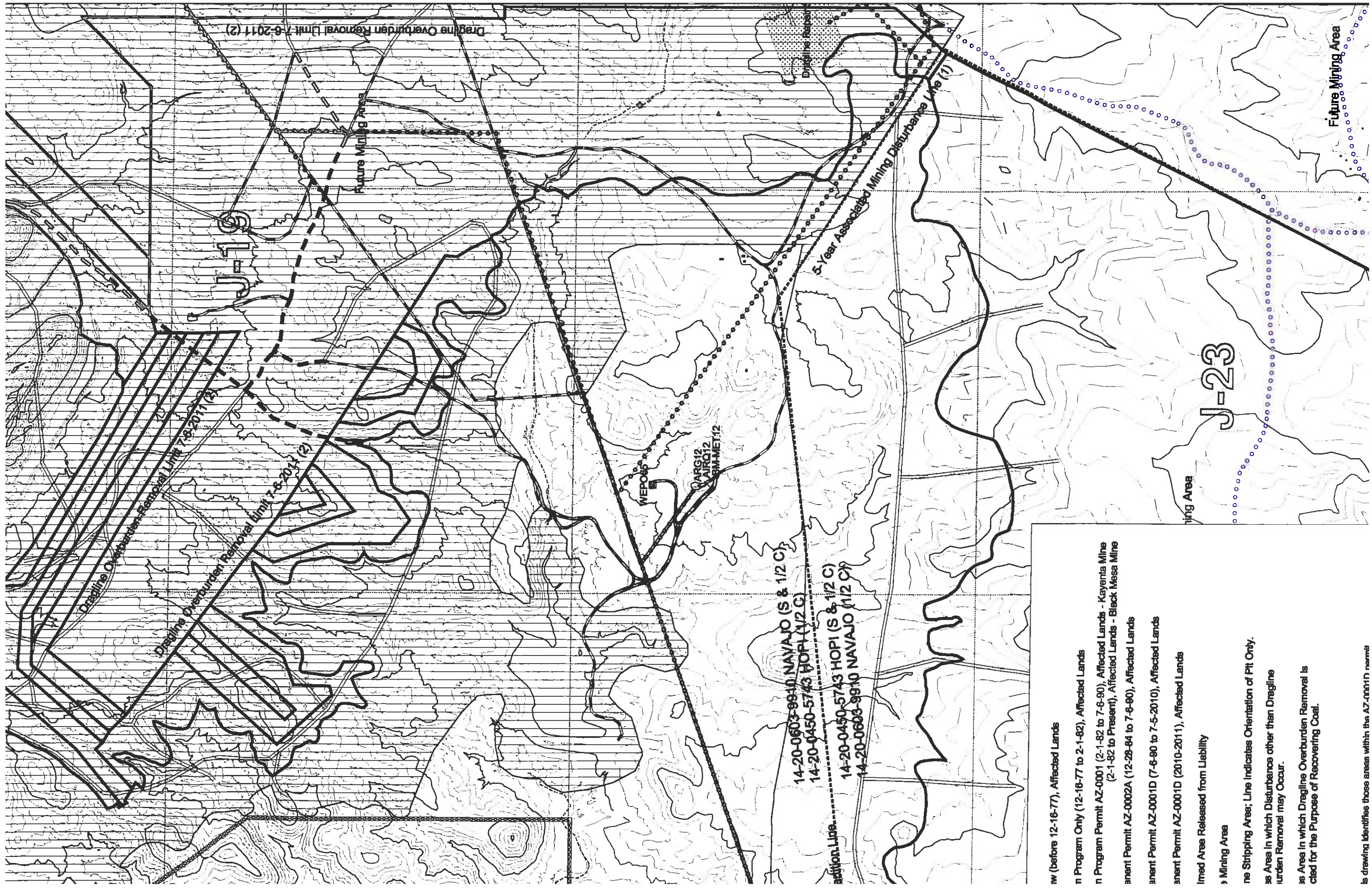
Revisor
in Coal Company



Feet

Roads	PWCC PRE-LAW RD	PWCC Lease Line	Permit Areas	Existing 01 Permit Line	Existing 1D Permit Line	Power Lines	PWCC	Non-PWCC
	PWCC 01 PRIMARY RD							
	PWCC 01 ANCILLARY RD							
	PWCC 01 RAMP							
	PWCC 1D PRIMARY RD							
	PWCC 1D ANCILLARY RD							
	PWCC 1D RAMP							
	NON-MINING RELATED ROAD							

Nav
Rai
PW
PW
PW
Hig
Me



J-16

J-23

Dragline Overburden Removal Limit 7-6-2011 (2)

Dragline Overburden Removal Limit 7-8-2011 (2)

Dragline Overburden Removal Limit 7-8-2011 (2)

Future Mining Area

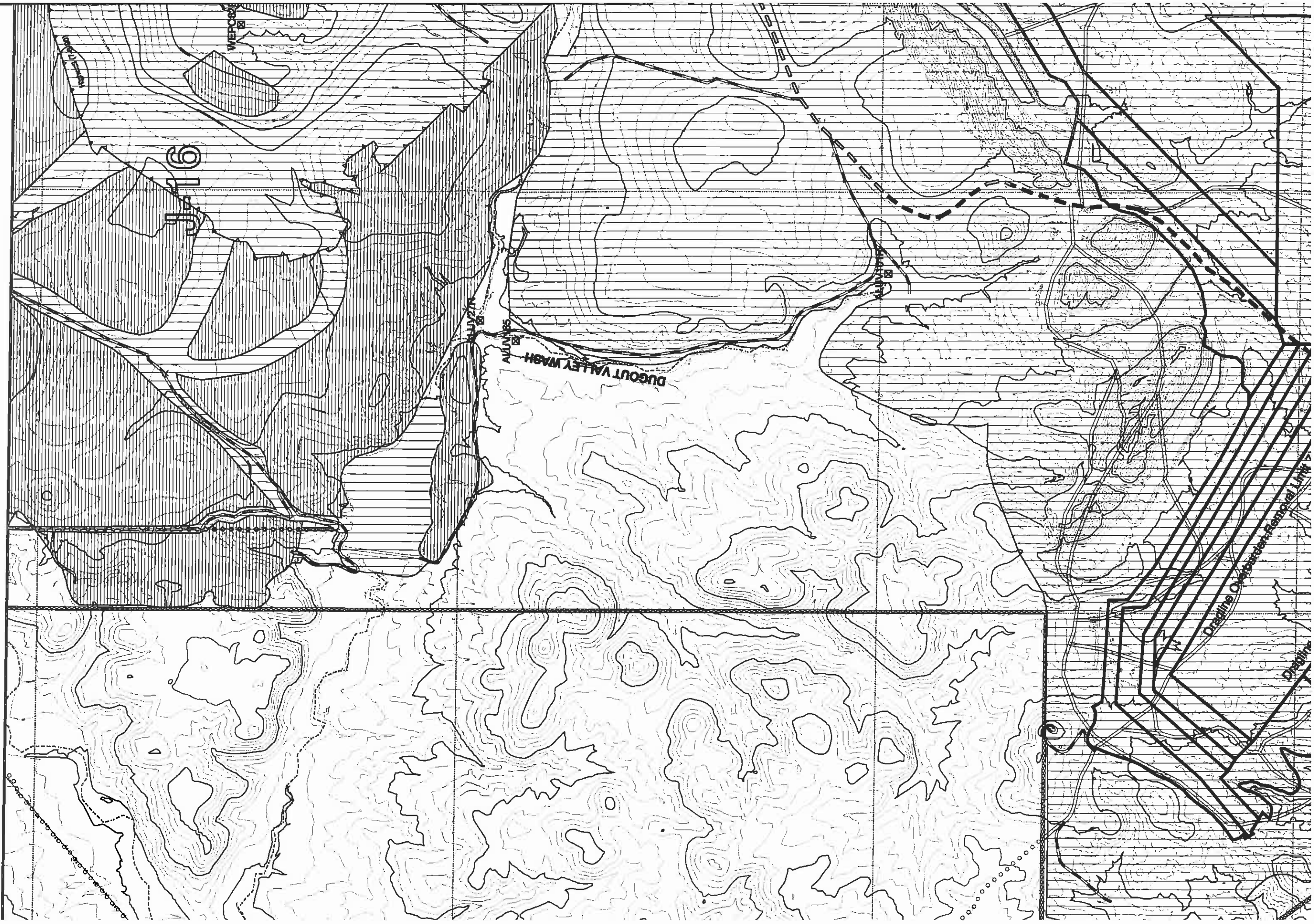
WEPOS
 DARG12
 LAIRO12
 BM-MET12

5-Year Associated Mining Disturbance Line (1)

14-20-0603-9910 NAVAJO (S & 1/2 C)
 14-20-0450-5743 HOPI (1/2 C)
 14-20-0450-5743 HOPI (S & 1/2 C)
 14-20-0603-9910 NAVAJO (1/2 C)

- Area (before 12-16-77), Affected Lands
- Area Program Only (12-16-77 to 2-1-82), Affected Lands
- Area Program Permit AZ-0001 (2-1-82 to 7-6-90), Affected Lands - Kayenta Mine (2-1-82 to Present), Affected Lands - Black Mesa Mine
- Area Permit AZ-0002A (12-28-84 to 7-6-90), Affected Lands
- Area Permit AZ-0001D (7-6-90 to 7-5-2010), Affected Lands
- Area Permit AZ-0001D (2010-2011), Affected Lands
- Area Released from Liability
- Area Mining Area
- Area Shipping Area; Line Indicates Orientation of Pit Only.
- Area in which Disturbance other than Dragline Overburden Removal may Occur.
- Area in which Dragline Overburden Removal is Conducted for the Purpose of Recovering Coal.

This drawing identifies those areas within the AZ-0001D permit



16

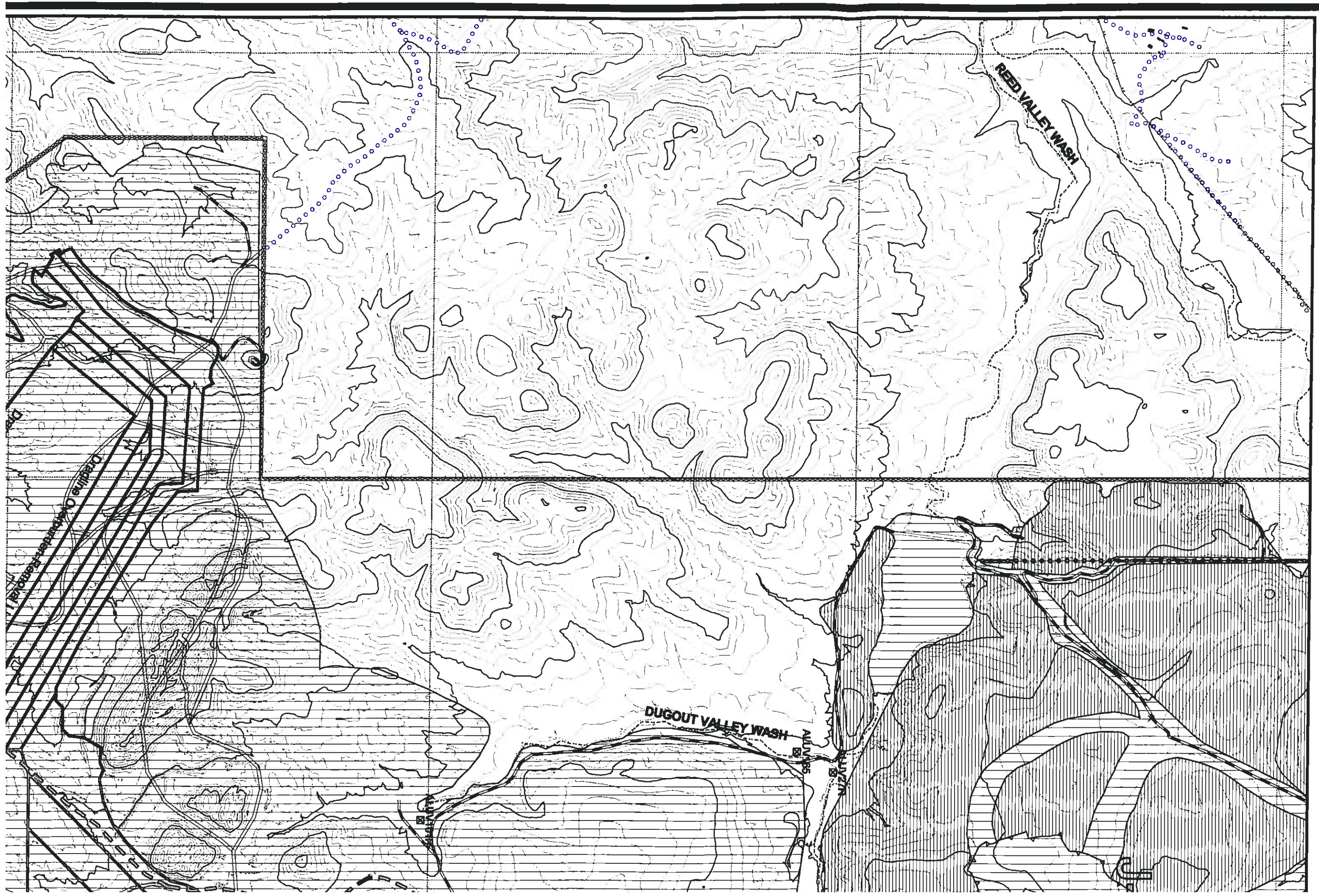
DUGOUT VALLEY WASH

ALJUN 85

ALJUN 86

Dredging of Intakes-Removal Line

Dredging



RED VALLEY WASH

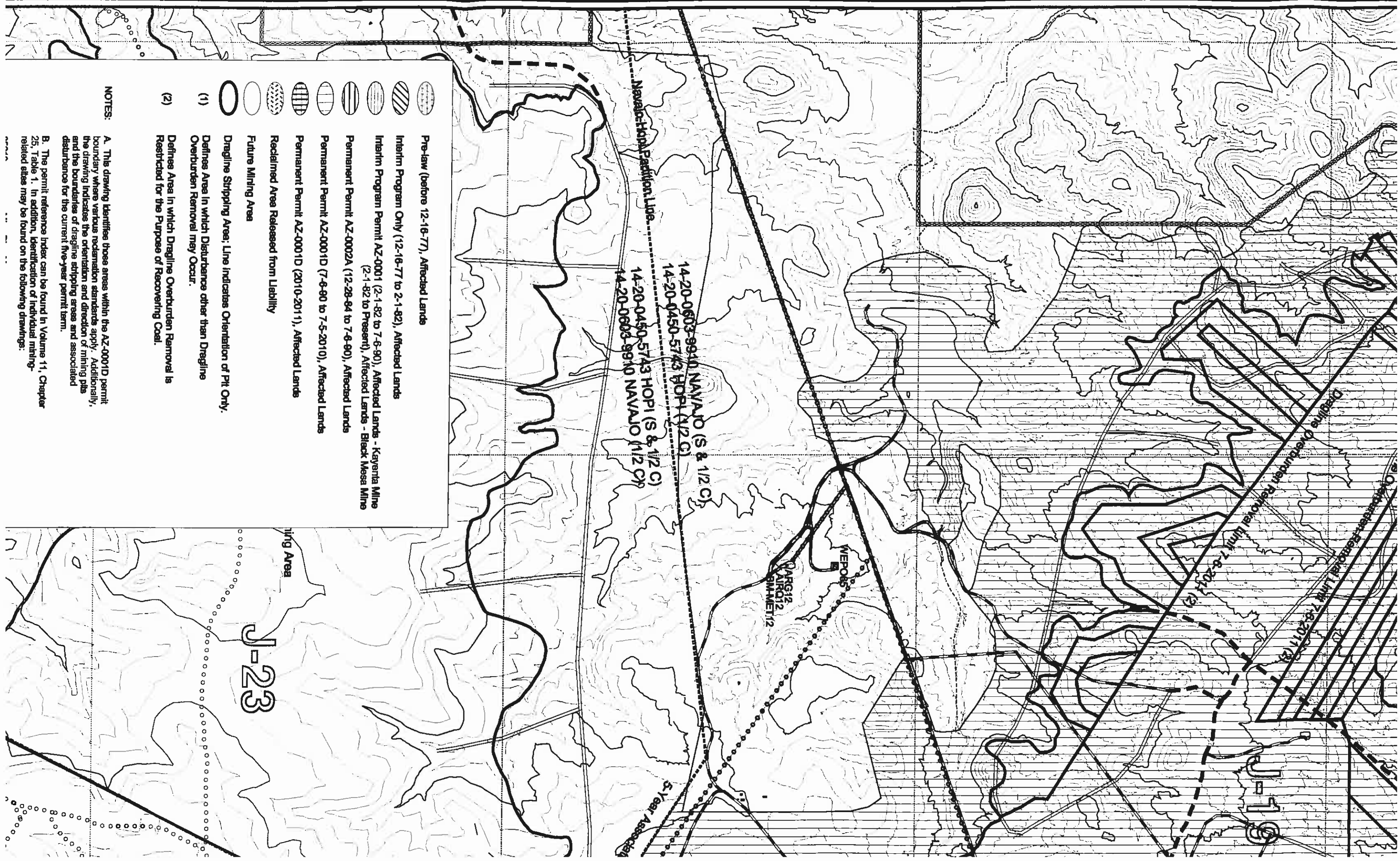
DUGOUT VALLEY WASH

ALLIANCE

ALLIANCE












Dredging Channel

JF



Navajo-Hopi Partition Line

14-20-0603-9910 NAVAJO (S & 1/2 C)
 14-20-0450-5743 HOP1 (1/2 C)
 14-20-0450-5743 HOP1 (1/2 C)
 14-20-0603-9910 NAVAJO (1/2 C)
 14-20-0450-5743 HOP1 (S & 1/2 C)
 14-20-0603-9910 NAVAJO (1/2 C)

-  Pre-law (before 12-16-77), Affected Lands
-  Interim Program Only (12-16-77 to 2-1-82), Affected Lands
-  Interim Program Permit AZ-0001 (2-1-82 to 7-6-90), Affected Lands - Kayenta Mine (2-1-82 to Present), Affected Lands - Black Mesa Mine
-  Permanent Permit AZ-0002A (12-28-84 to 7-6-90), Affected Lands
-  Permanent Permit AZ-0001D (7-6-90 to 7-5-2010), Affected Lands
-  Permanent Permit AZ-0001D (2010-2011), Affected Lands
-  Reclaimed Area Released from Liability
-  Future Mining Area
-  Dragline Stripping Area; Line indicates Orientation of Pit Only.
-  (1) Defines Area in which Disturbance other than Dragline Overburden Removal may Occur.
-  (2) Defines Area in which Dragline Overburden Removal is Restricted for the Purpose of Recovering Coal.

NOTES:

A. This drawing identifies those areas within the AZ-0001D permit boundary where various reclamation standards apply. Additionally, the drawing indicates the orientation and direction of mining pits and the boundaries of dragline stripping areas and associated disturbance for the current five-year permit term.

B. The permit reference index can be found in Volume 11, Chapter 25, Table 1. In addition, identification of individual mining-related sites may be found on the following drawings:

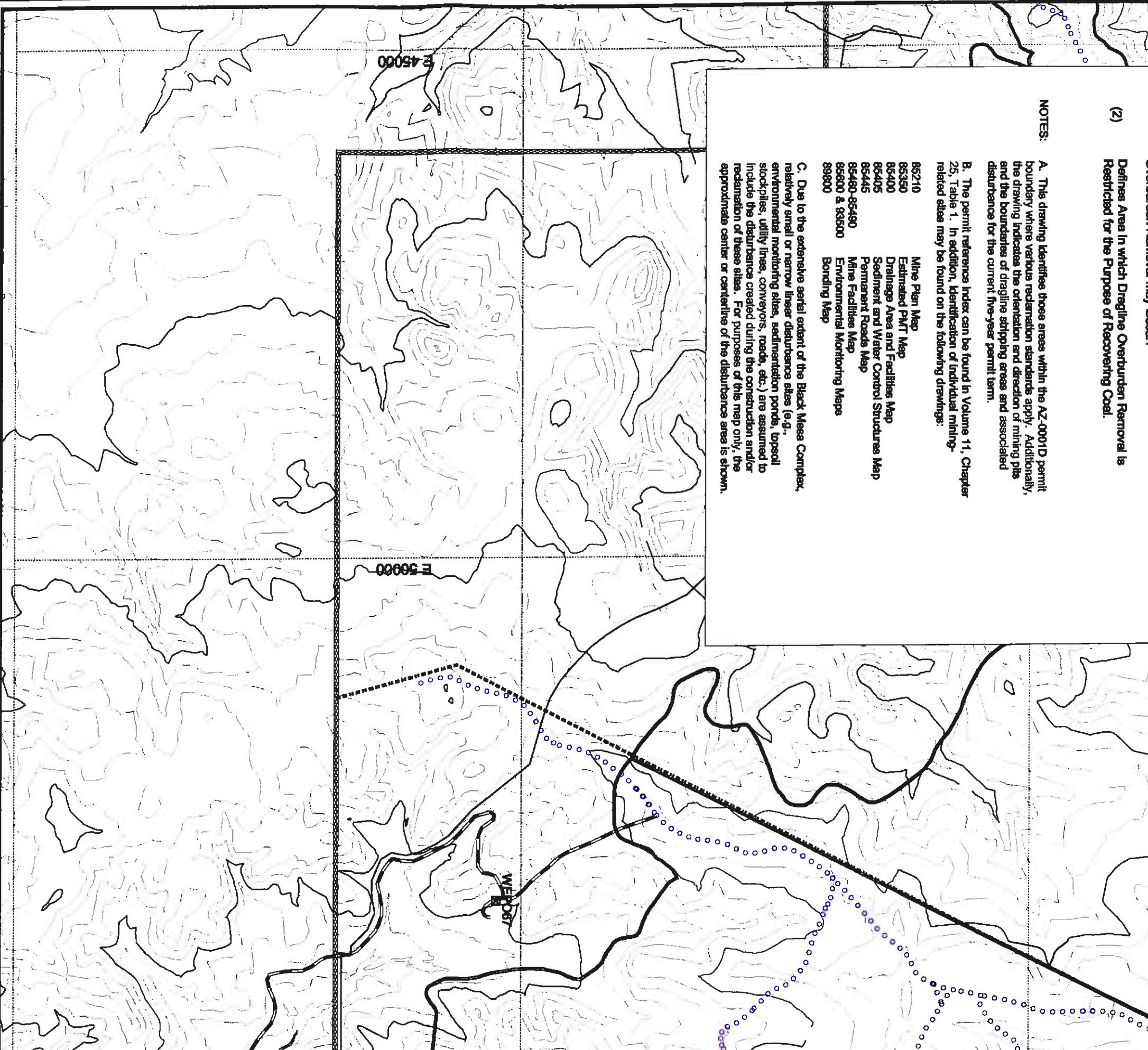
J-23

J-19

(2) Overburden removal may occur.
 Defines Area in which Dragline Overburden Removal is Restricted for the Purpose of Recovering Coal.

NOTES:

- A. This drawing identifies those areas within the AZ-0001D permit boundary where various reclamation standards apply. Additionally, the drawing indicates the orientation and direction of mining pits and the boundaries of dragline stripping areas and associated disturbance for the current five-year permit term.
- B. The permit reference index can be found in Volume 11, Chapter 25, Table 1. In addition, identification of individual mining-related sites may be found on the following drawings:
 - 85210 Mine Plan Map
 - 85350 Estimated PMT Map
 - 85400 Drainage Area and Facilities Map
 - 85405 Sediment and Water Control Structures Map
 - 85445 Permanent Roads Map
 - 85480-85490 Mine Facilities Map
 - 85600 & 93500 Environmental Monitoring Maps
 - 89800 Bonding Map
- C. Due to the extensive aerial extent of the Black Mesa Complex, relatively small or narrow linear disturbance sites (e.g., environmental monitoring sites, sedimentation ponds, topsoil stockpiles, utility lines, conveyors, roads, etc.) are assumed to include the disturbance created during the construction and/or reclamation of these sites. For purposes of this map only, the approximate center or centerline of the disturbance area is shown.



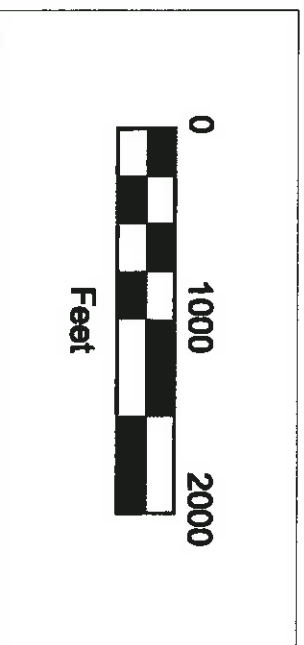
ENGINEER'S CERTIFICATION



JAMES G. SCHLENVOGT DATE

DEC 15 2005

Engineering Supervisor
 Peabody Western Coal Company



Roads	Permit Area	Power Line
PWCC PRE-LAW RD	Permit Area	Power Line
PWCC 01 PRIMARY RD	Permit Area	Power Line
PWCC 01 ANCILLARY RD	Permit Area	Power Line
PWCC 01 RAMP	Permit Area	Power Line
PWCC 1D PRIMARY RD	Permit Area	Power Line
PWCC 1D ANCILLARY RD	Permit Area	Power Line
PWCC 1D RAMP	Permit Area	Power Line
NON-MINING RELATED ROAD	Permit Area	Power Line

