



REVISIONS

DATE	DESCRIPTION
12-7-01	5 Yr. Mineplan Rev.
10-06-03	Mine Plan Rev.
1-20-04	5 Yr. Mineplan Rev.
6-5-04	Powerline Rev.
8-15-04	OSM Response
1-14-05	N-9 5-Yr. Mineplan Rev.
6-15-05	N-9 Facilities Rev.
12-15-05	N-9 Sequence Rev.
01-20-06	OSM Response
04-12-06	TCPs and Roads Revision

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

**Black Mesa Complex
PO Box 650, Kayenta, Arizona 86033**

Produced For:	J. Schlenvogt	Map By:	D. Boeckman
Map Scale:	1 Inch = 1000 Feet	Contour Interval:	10 Feet
Photo Date:	5/27/97	Photo Resolution:	N/A
<small>s:\gis\bm_data_r09\projects\lpm_0406.apr</small>		Plot Date:	April 12, 2006

Dragline stripping rules, 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.

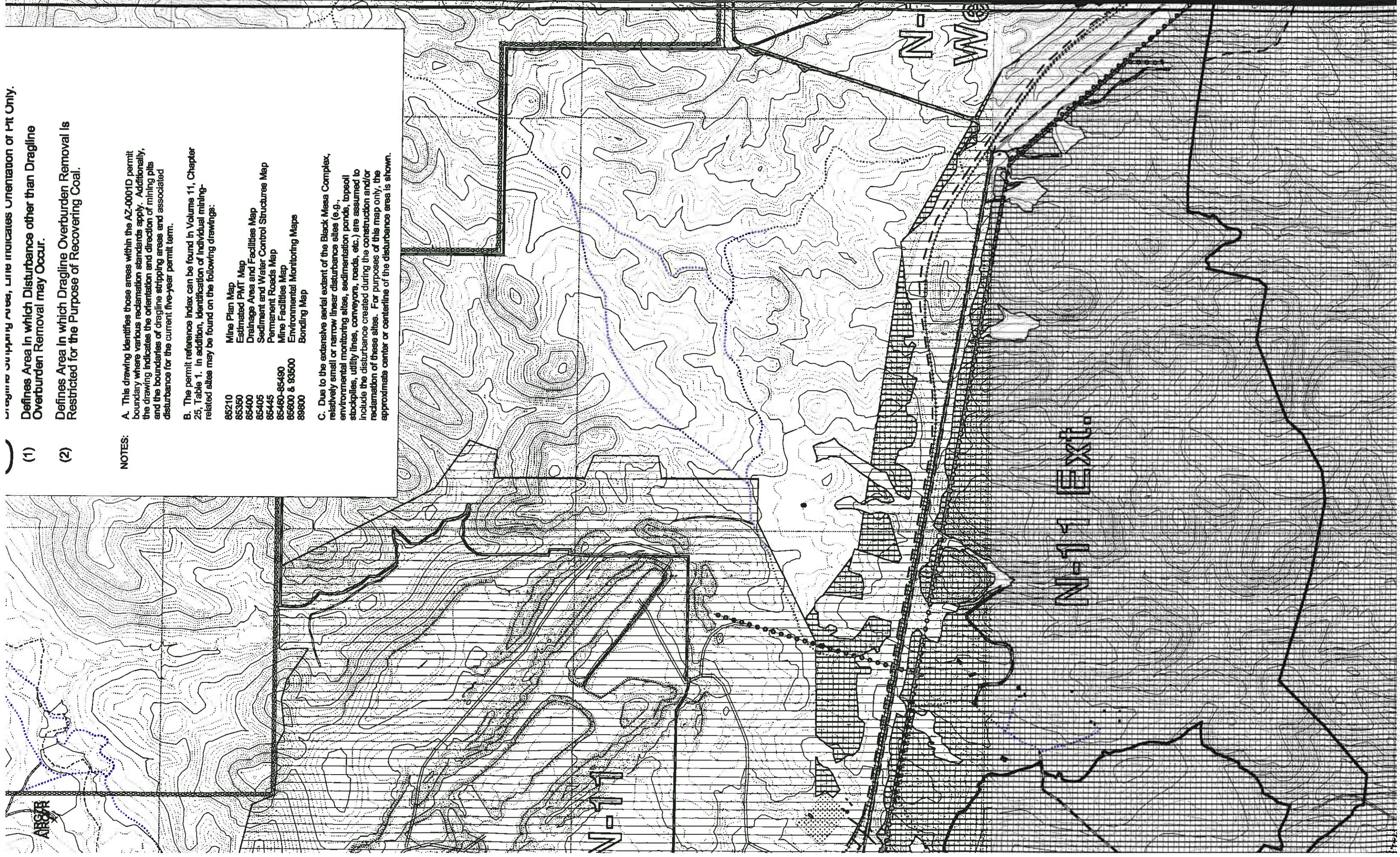
NOTES:

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:

- 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 & 83500 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.





	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:

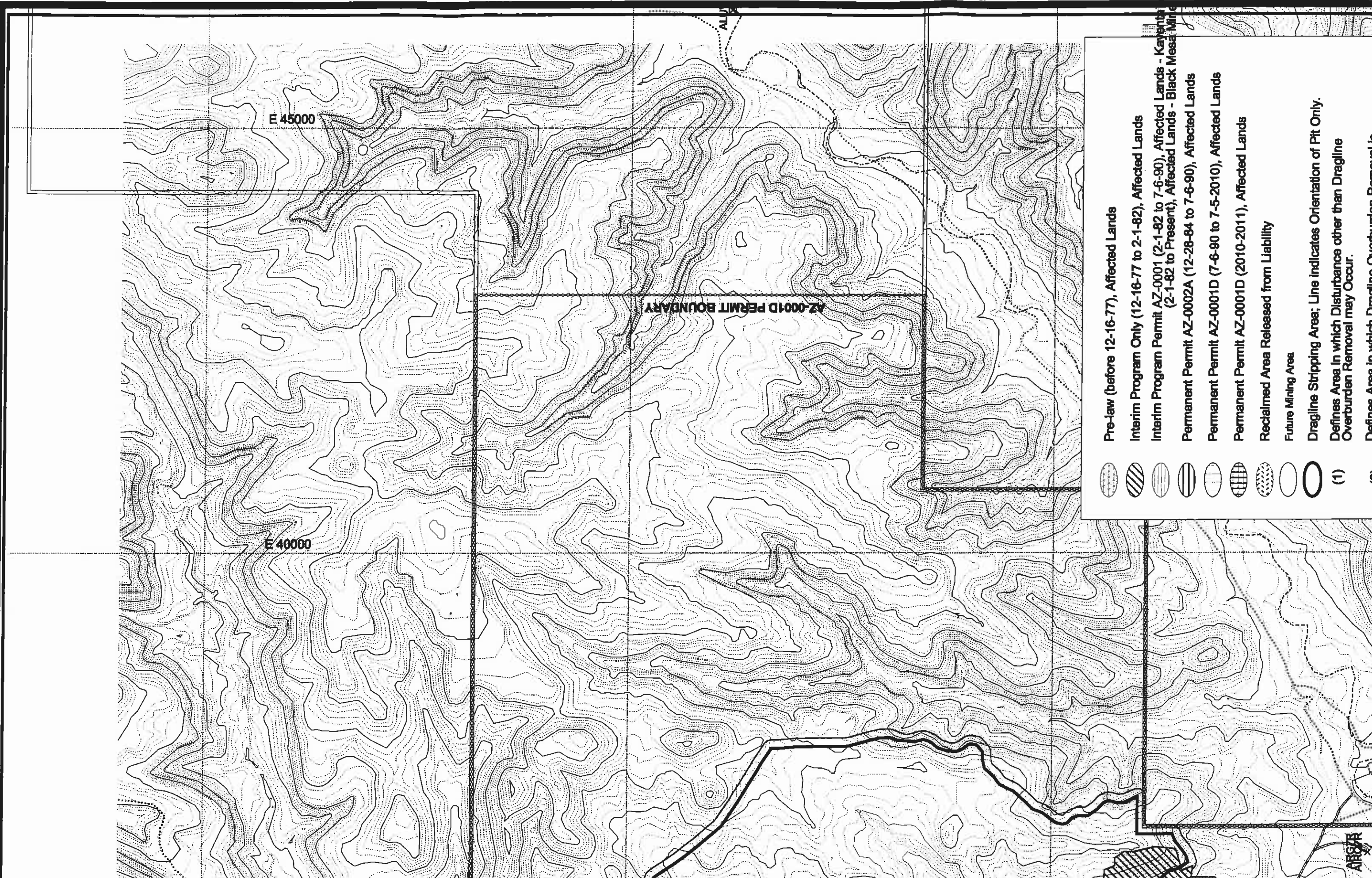
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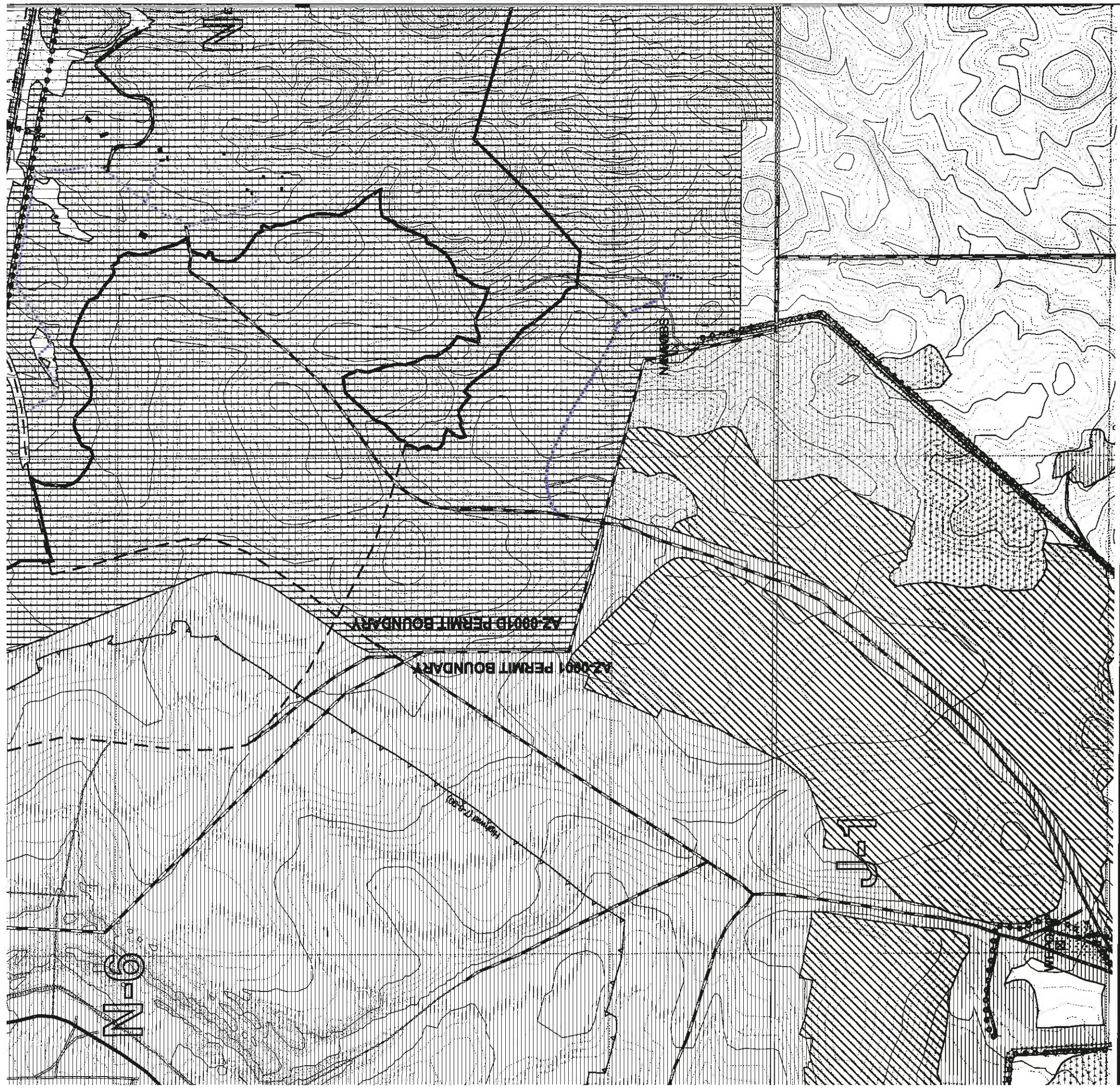
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- 85350 Estimated PMT Map
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ARGVR



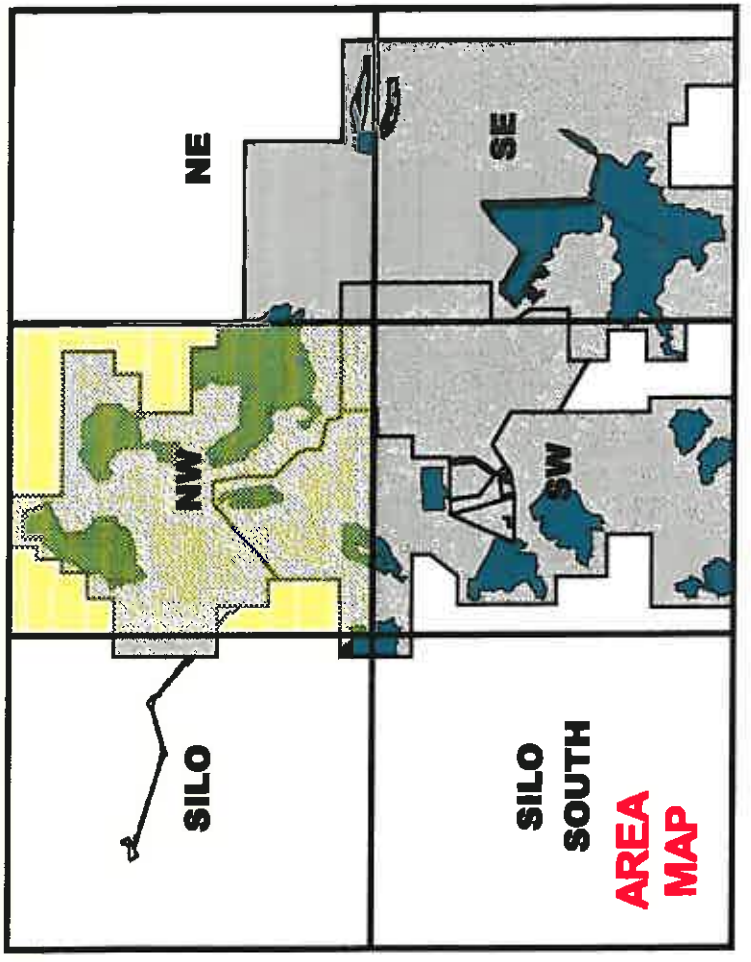
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-  Permanent Permit AZ-0001D (2010-2011), Affected Lands
-  Reclaimed Area Released from Liability
-  Future Mining Area
-  Dragline Stripping Area; Line indicates Orientation of Pit Only.
-  Defines Area in which Disturbance other than Dragline Overburden Removal may Occur.
- Defines Area in which Dragline Overburden Removal is



JJ
 Pro
 Maj
 Phc
 s:igs

REVISIONS

CHK'D	DATE	DESCRIPTION
JGS	12-7-01	5 Yr. Mineplan Rev.
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JGS	12-15-05	N-9 Sequence Rev.
JGS	01-20-06	OSM Response
GW	04-12-06	TCPs and Roads Revision



- EQ Major Site
- EQ Minor Site
- Red EQ Site
- EQ Minor Site
- EQ Major Site
- Red EQ Site
- dings
- Stockpiles



ARGR

ALUV7
ALUV200

WESP42

WESP01

N-11

WESP68

COMMERCE

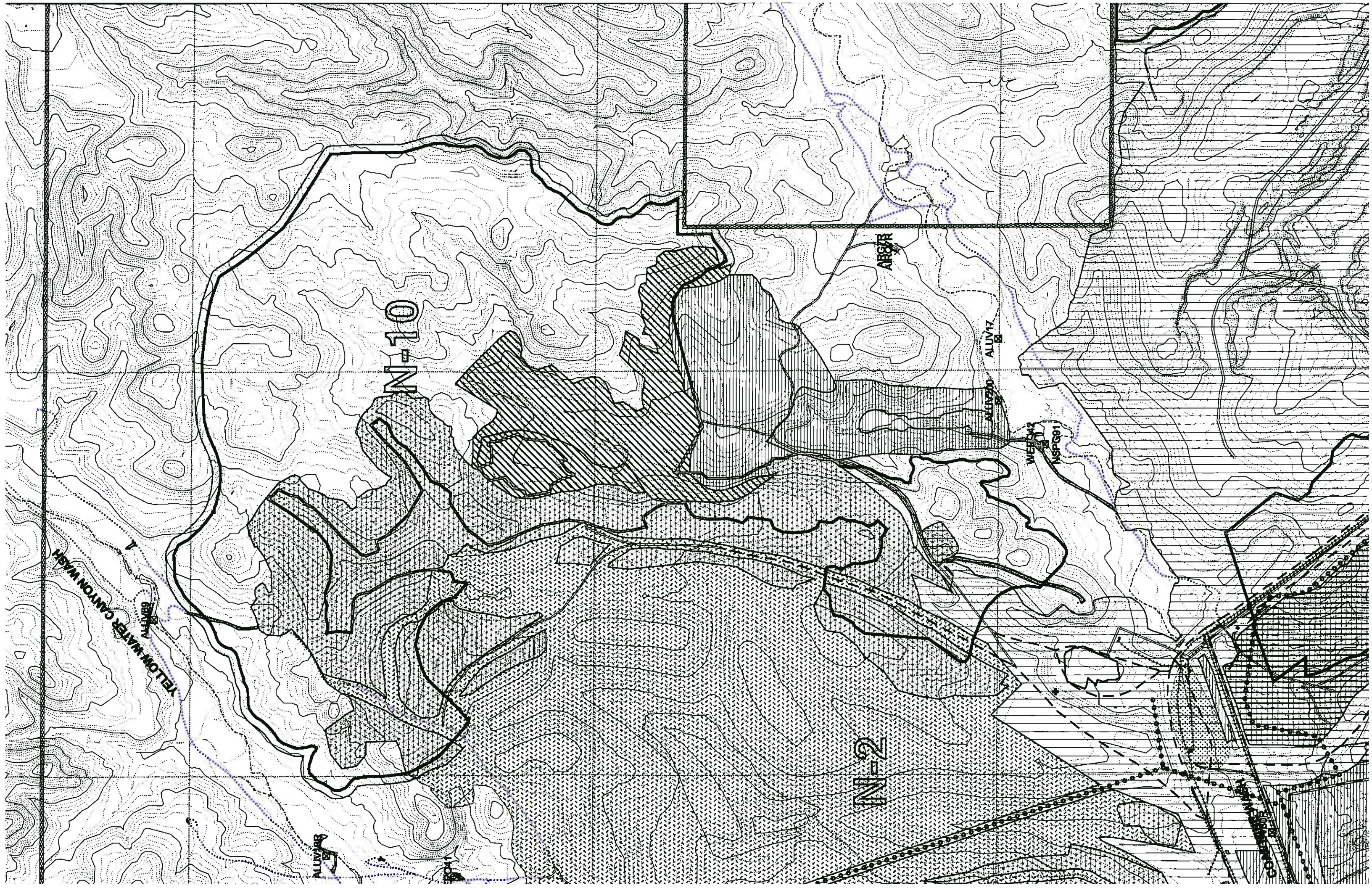
AZ-0801B PERMIT BOUNDARY

AZ-0801 PERMIT BOUNDARY

100' (1:50)

N-6

N-2



N-10

N-2

YELLOW WATER CANYON WASH

ALU17

ALU17

ALU20

ALU18

ALU19

ALU21

ALU22

ALU23

ALU24

ALU25

ALU26

ALU27

ALU28

ALU29

ALU30

ALU31

ALU32

ALU33

ALU34

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ALU91

ALU92

ALU93

ALU94

ALU95

ALU96

ALU97

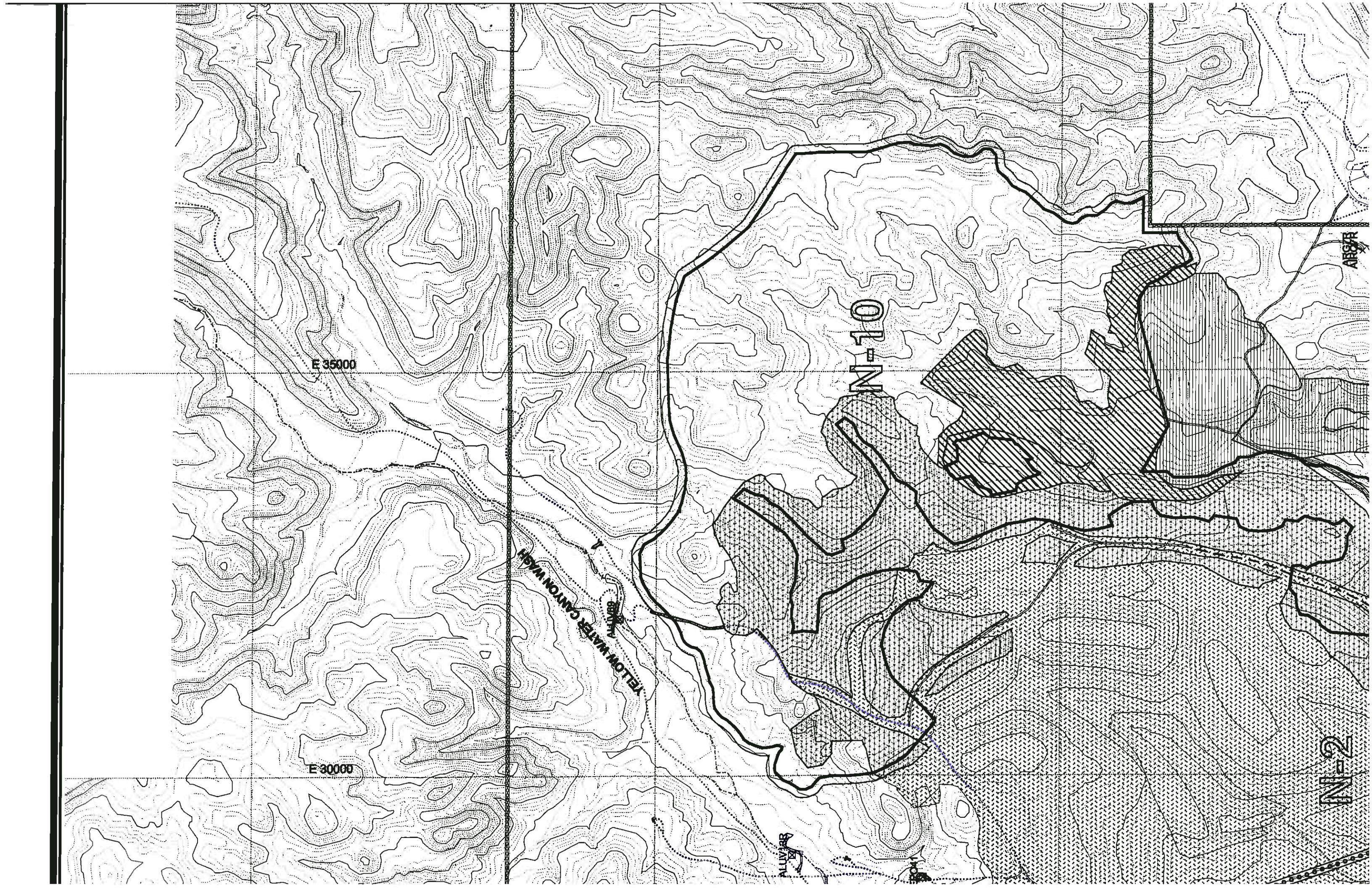
ALU98

ALU99

ALU100

ALU101

ALU102



E 35000

E 30000

YELLOW WATER CANYON WASH
ALLUVIAL

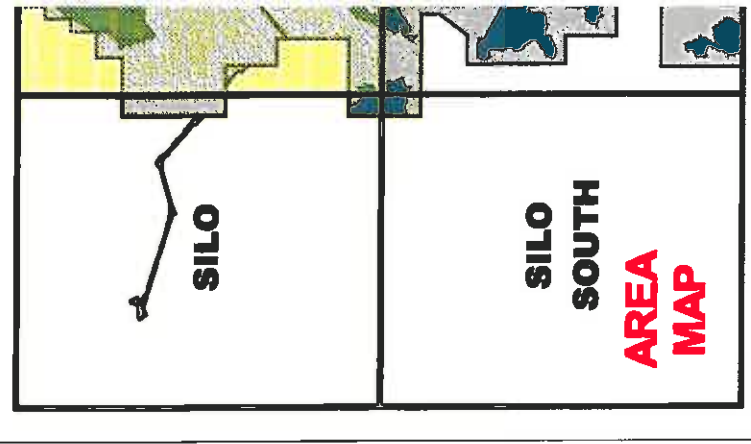
N-10

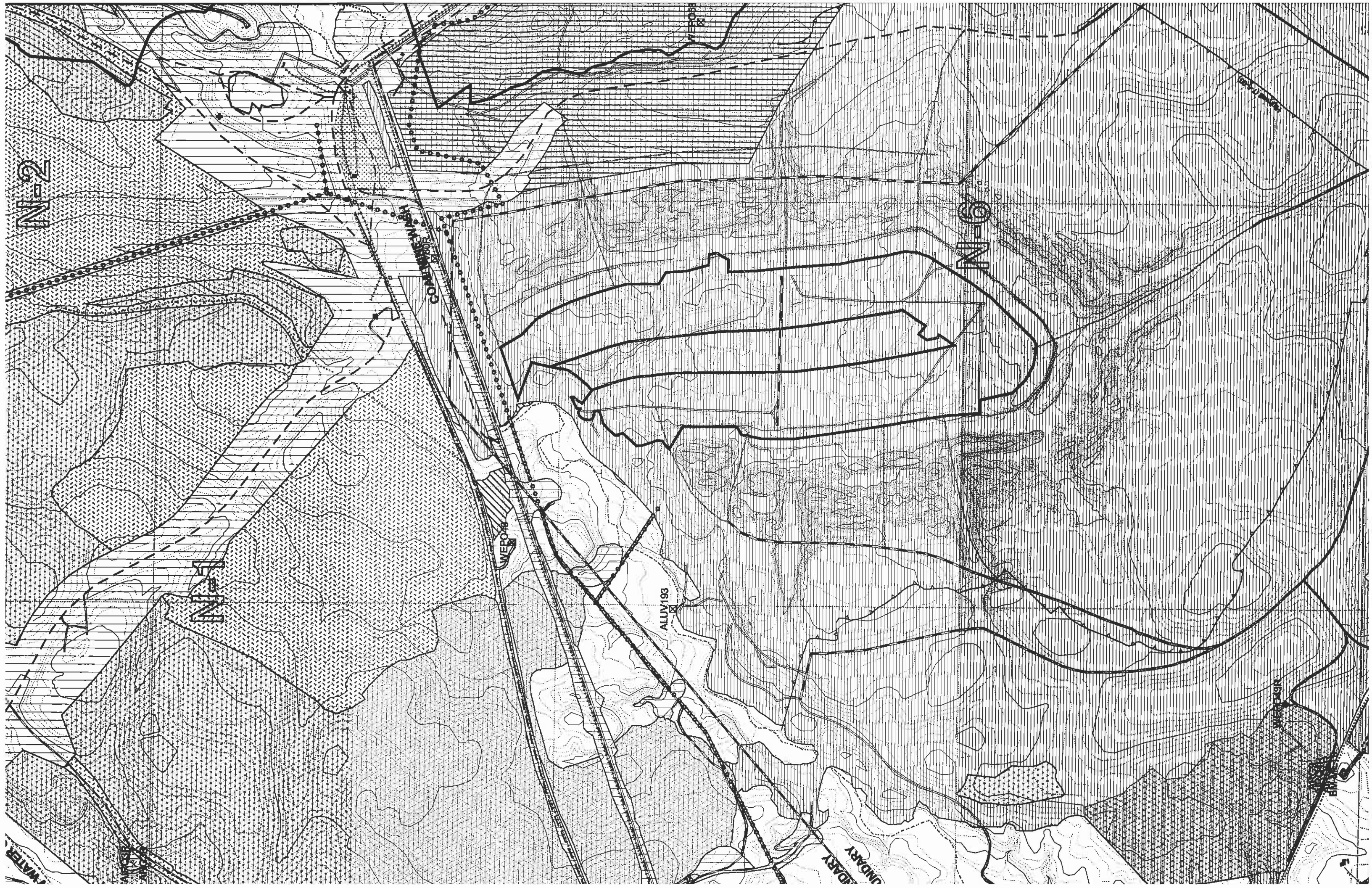
N-2

AR 57 R



E-LAW RD	====	PWCC Lease Line	-----	Navajo-Hopi Partition Line	-----	EQ Sites	◆	01 EQ Major Site
PRIMARY RD	====		++++	Railroad	++++		+	01 EQ Minor Site
ANCILLARY RD	====	Permit Areas	-----	PWCC Conveyor	-----		*	01 Recl EQ Site
RAMP	====	Existing 01 Permit Line	-----	PWCC Waterlines	-----		☒	1D EQ Minor Site
PRIMARY RD	====	Existing 1D Permit Line	-----	PWCC Sewage Facilities	-----		x	1D EQ Major Site
ANCILLARY RD	====	Power Lines	-----	Highwall (7-6-80)	-----		⊕	1D Recl EQ Site
RAMP	====	o-o-o-o PWCC	-----	Major Drainage	-----		●	Buildings
NG RELATED ROAD	====	Non-PWCC	-----		-----		○	Coal Stockpiles





N-2

N-6

N-1

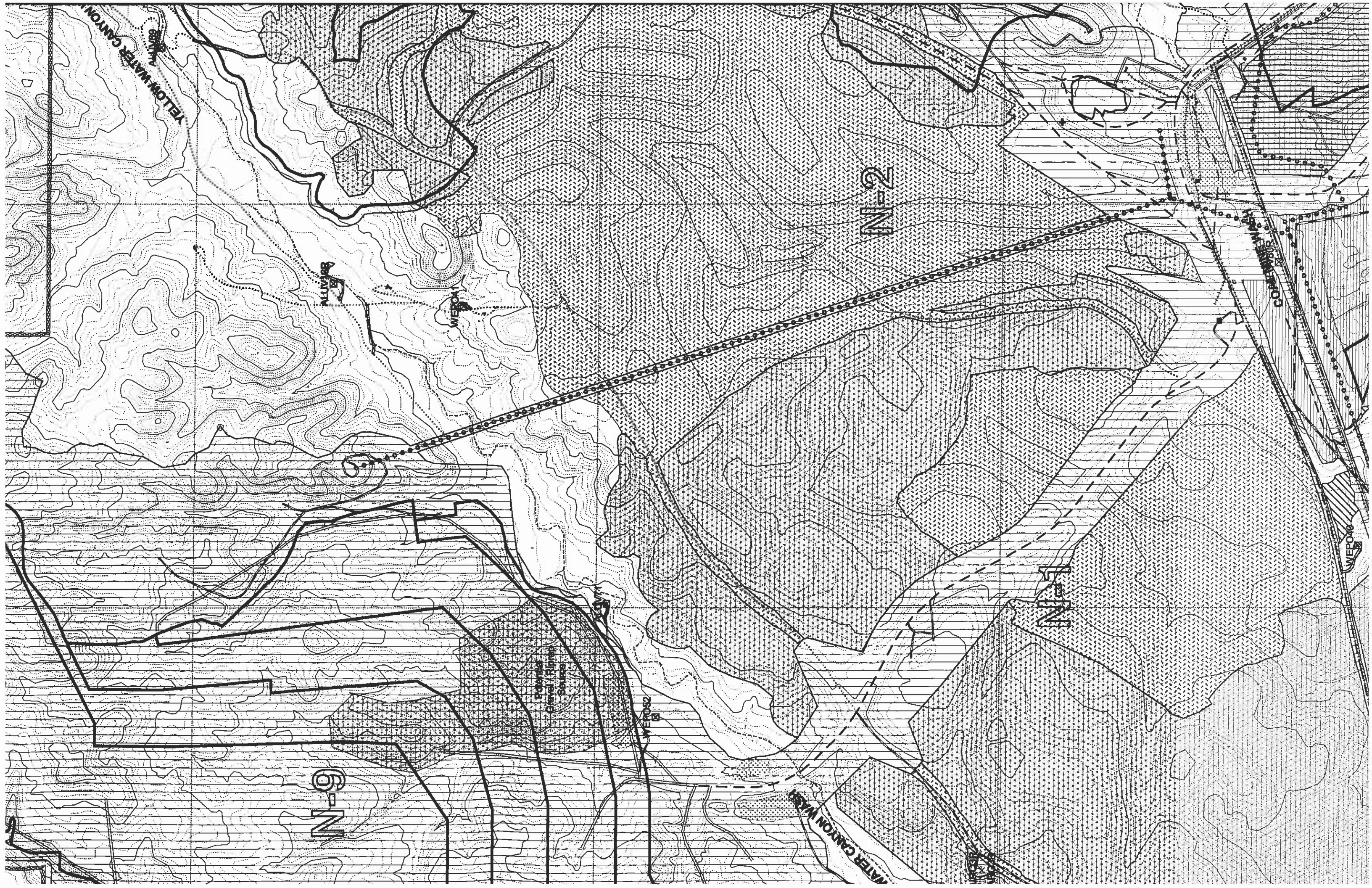
COMMITTEE

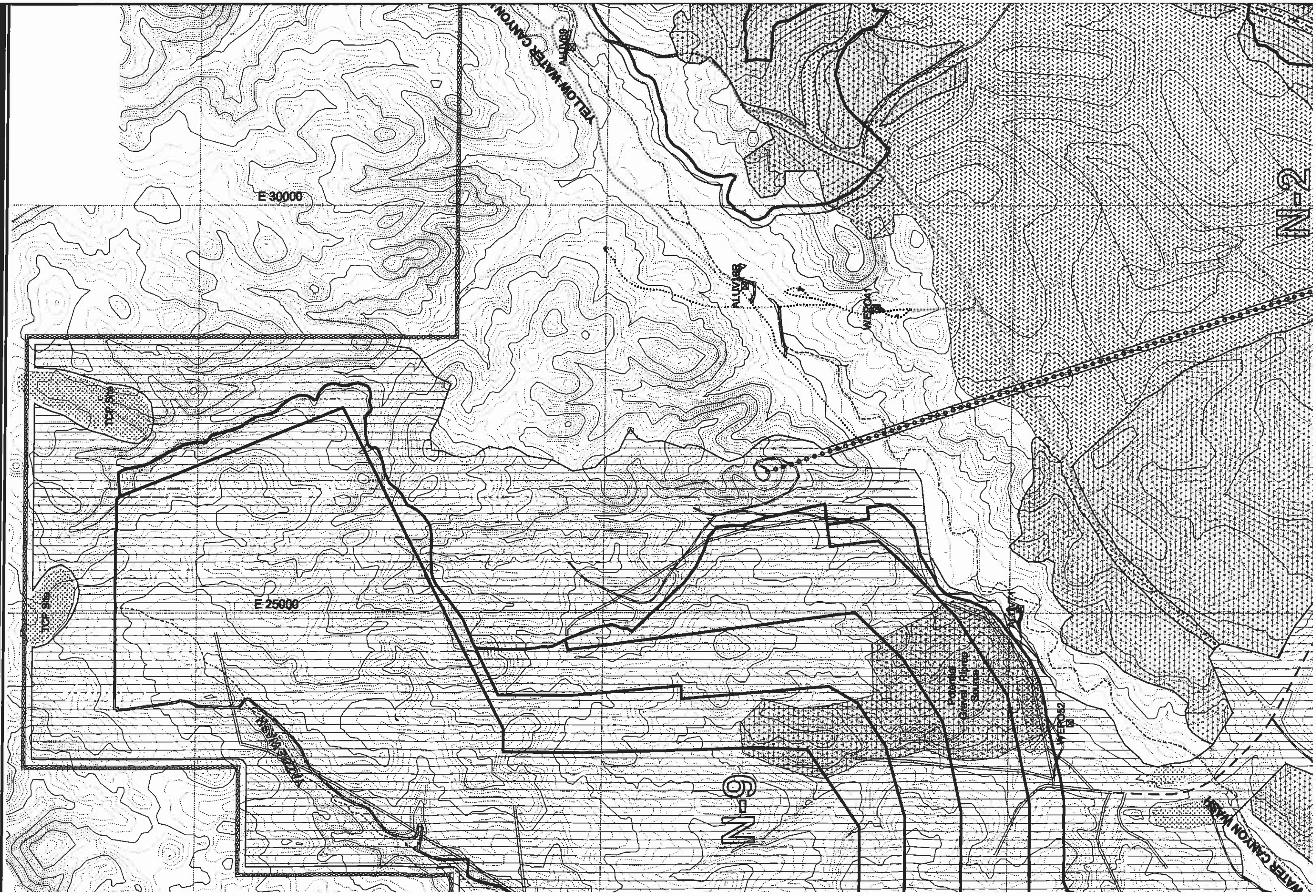
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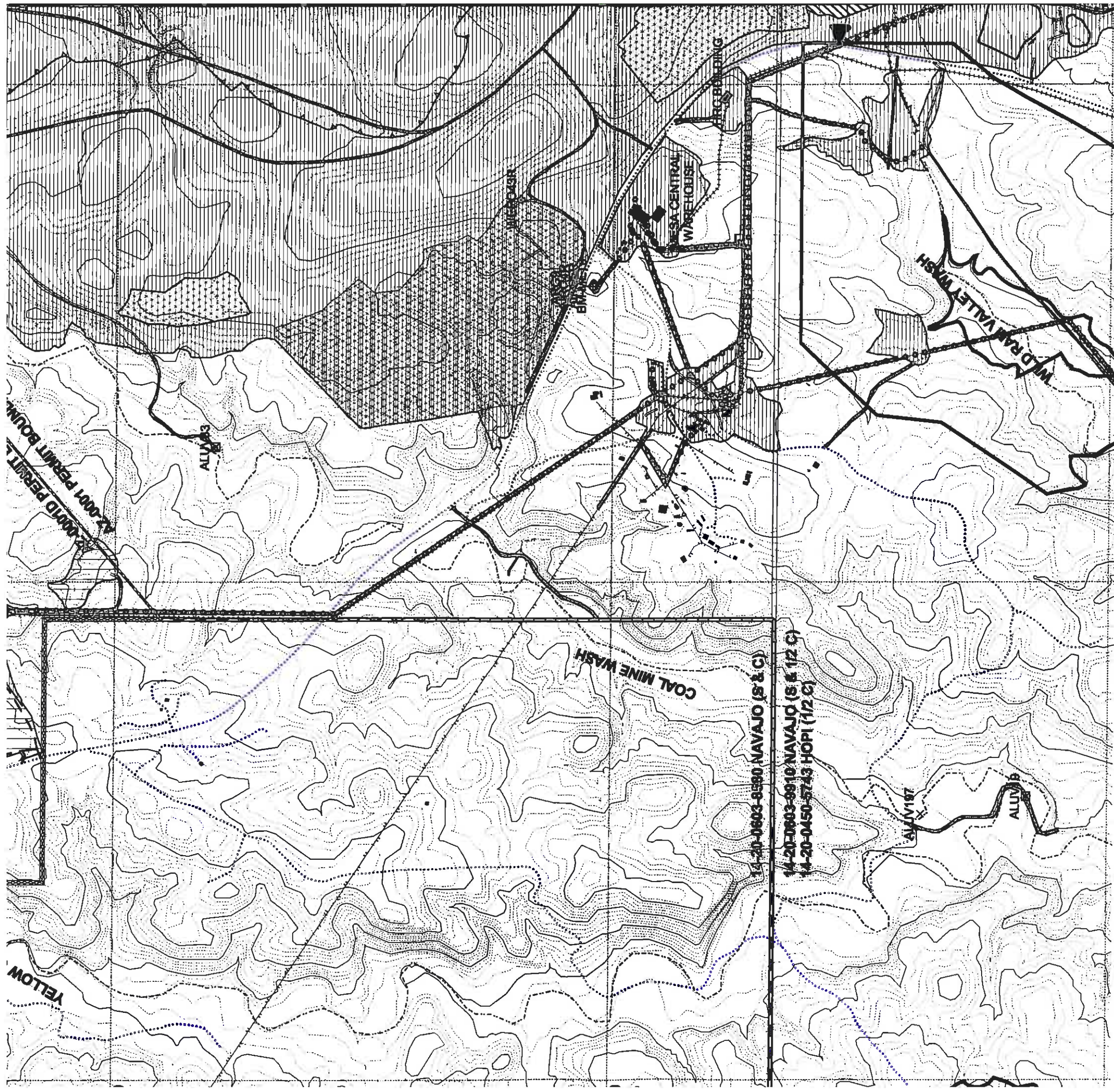
ALLUVIUM

BOUNDARY

WATER







YELLOW

AS-0001 PERMIT BOUNDARY

ALUVIUS

COAL MINE WASH

ALUVIUS

ALUVIUS

14-20-0603-8580 NAVAJO (S & C)
 14-20-0603-9910 NAVAJO (S & 1/2 C)
 14-20-0450-5743 HOPI (1/2 C)

WILD RAN VALLET WASH

MESA CENTRAL WAREHOUSE

EMAS

MESA CENTRAL TRG BUILDING

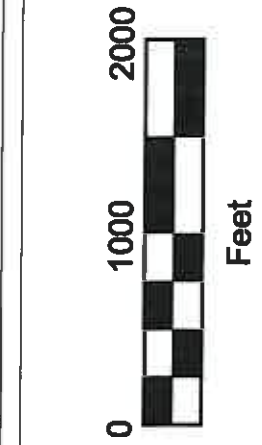
ENGINEER'S CERTIFICATION



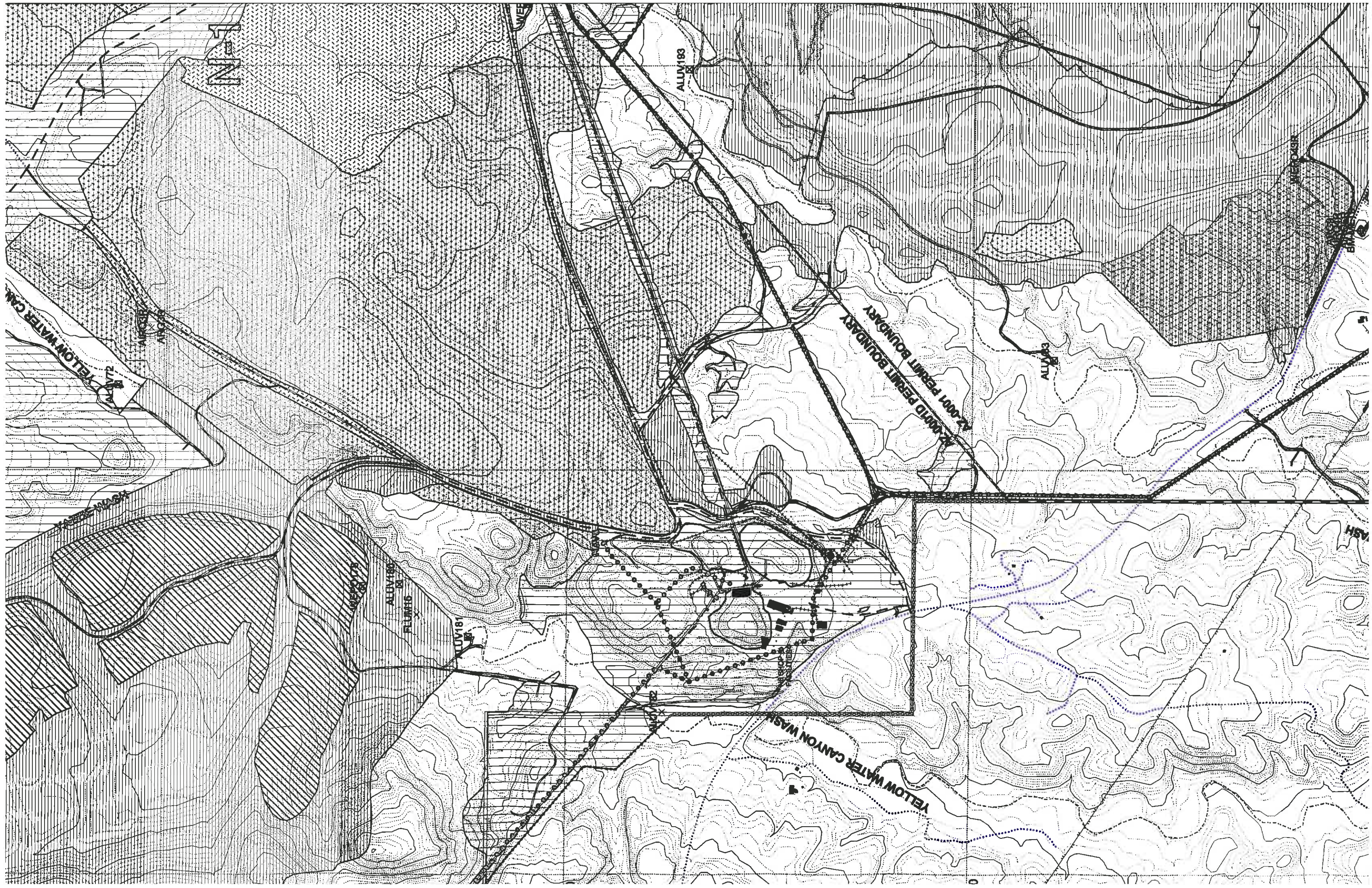
G. SCHLENVOGT
 Supervisor
 Western Coal Company

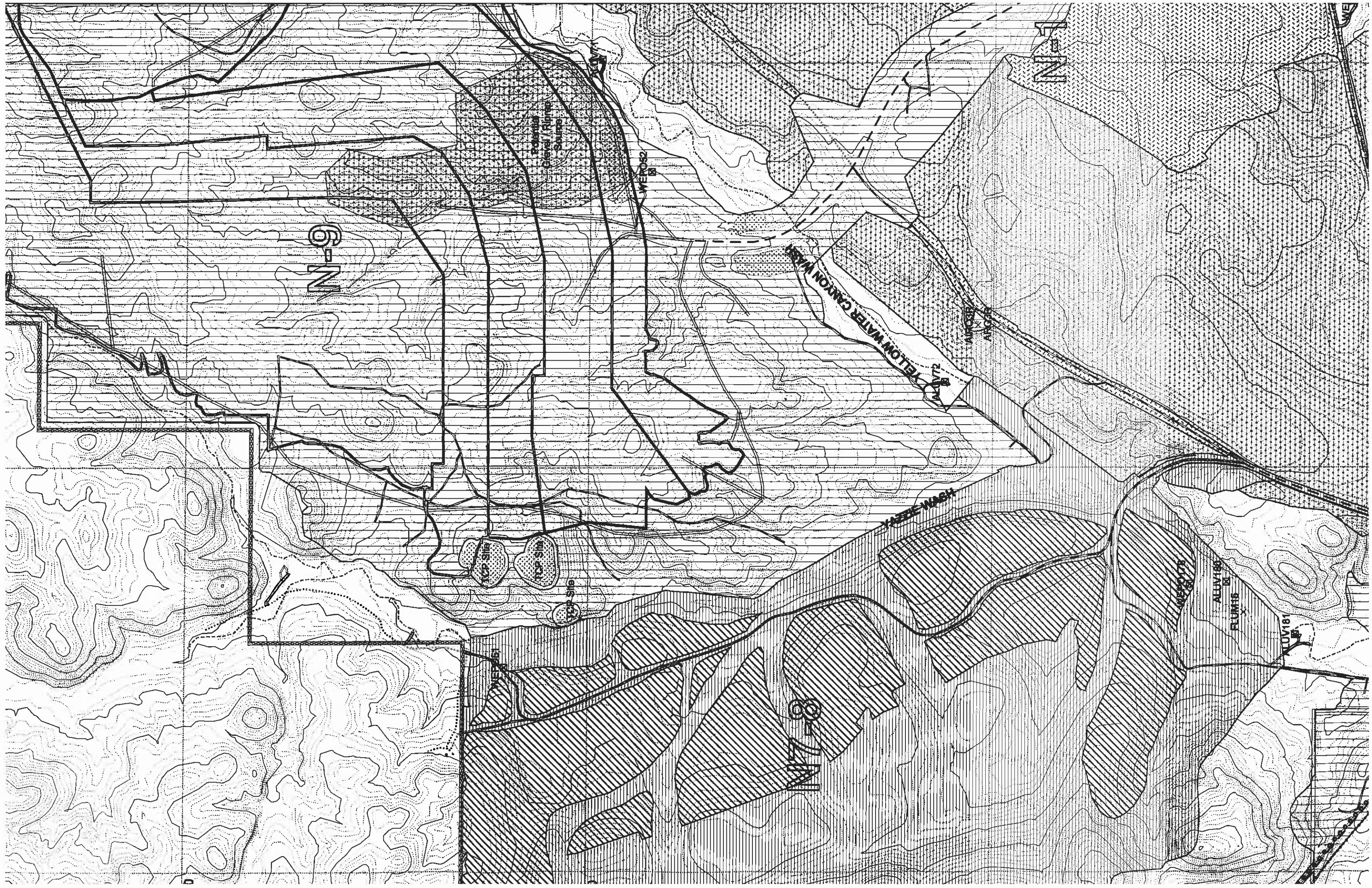
APR 12 2006

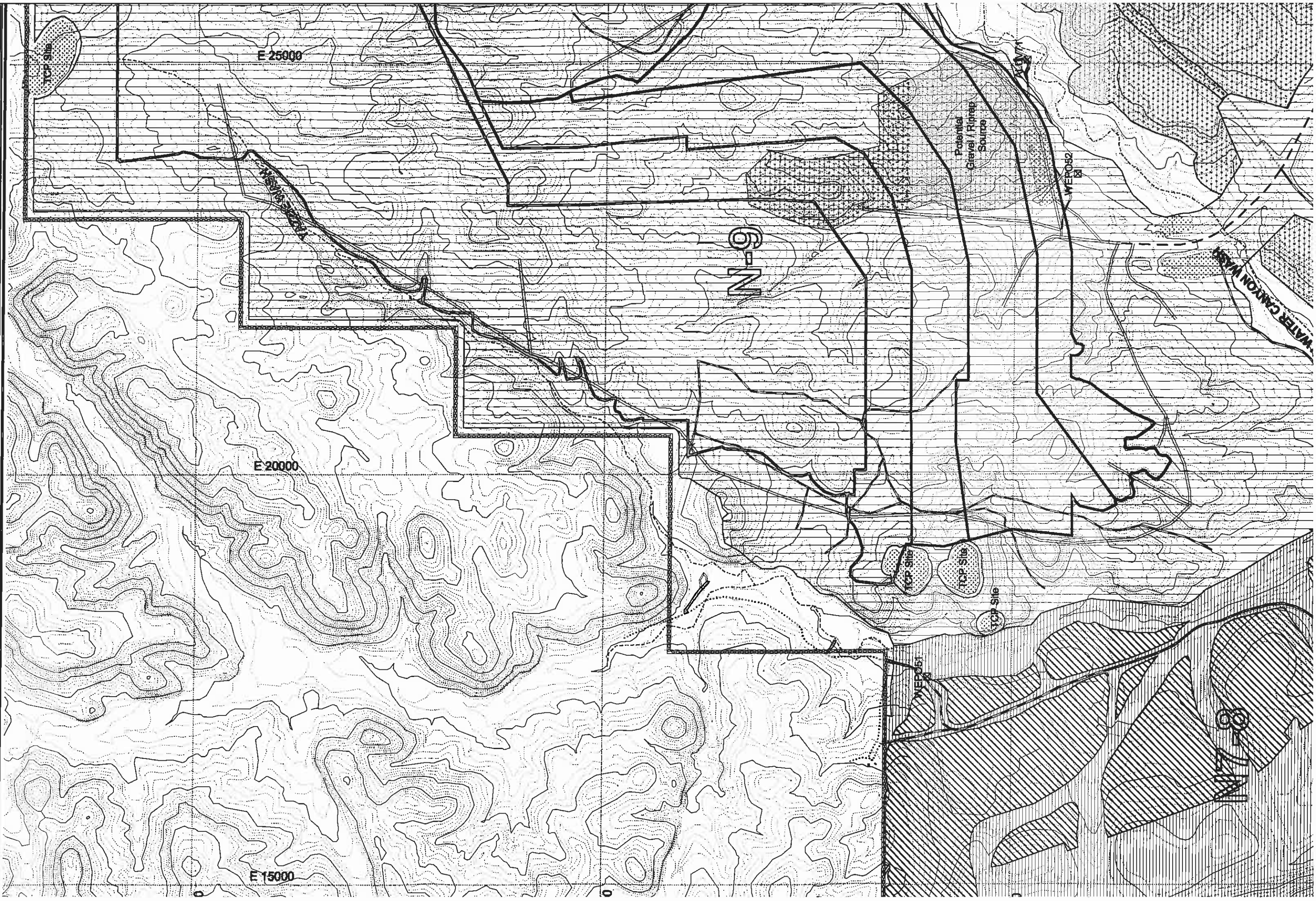
DATE



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







E 25000

E 20000

E 15000

6-N

Potential
Gravel/Rubble
Source

WEP052

WEP051

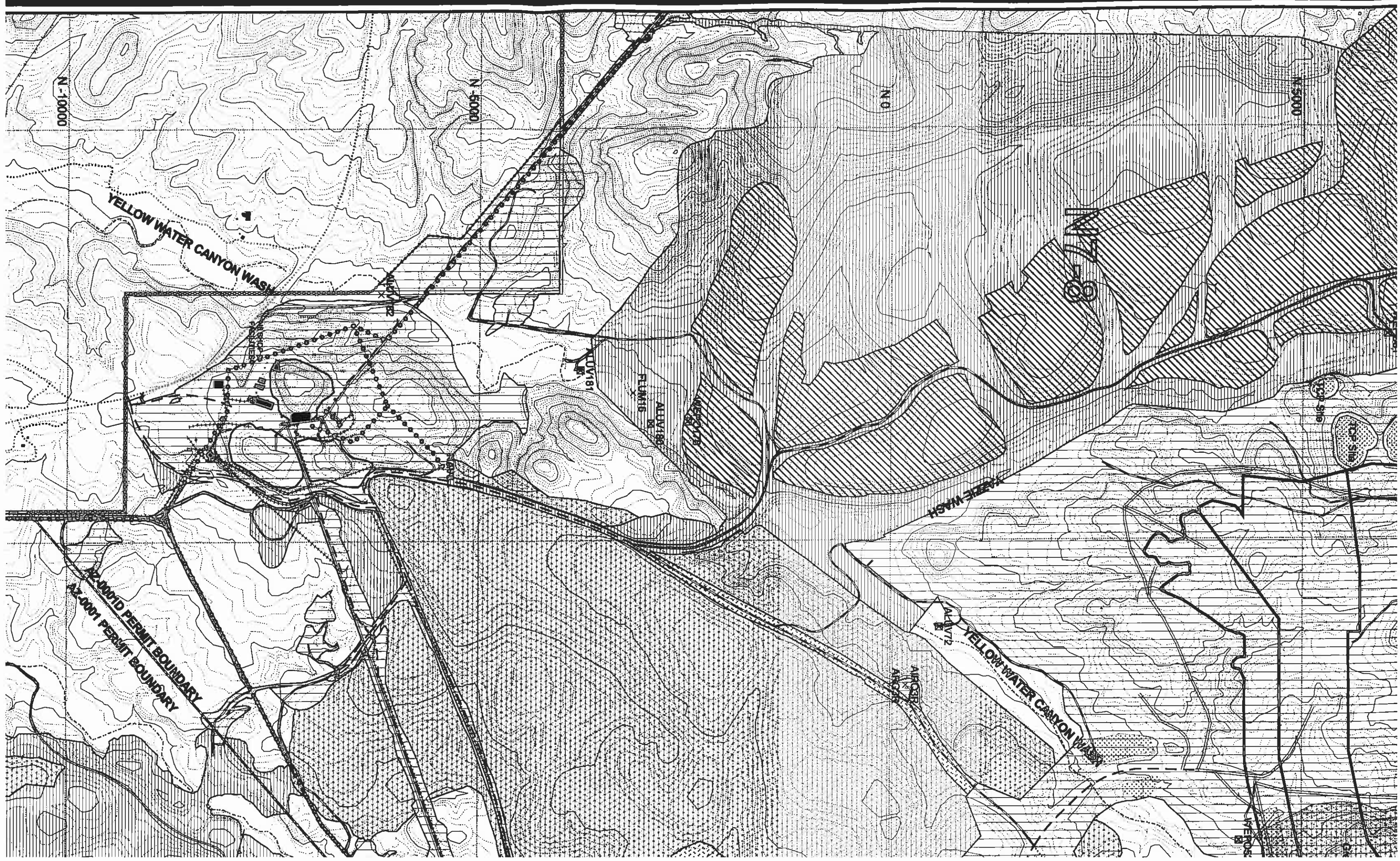
WATER CANYON WALK

TCP Site

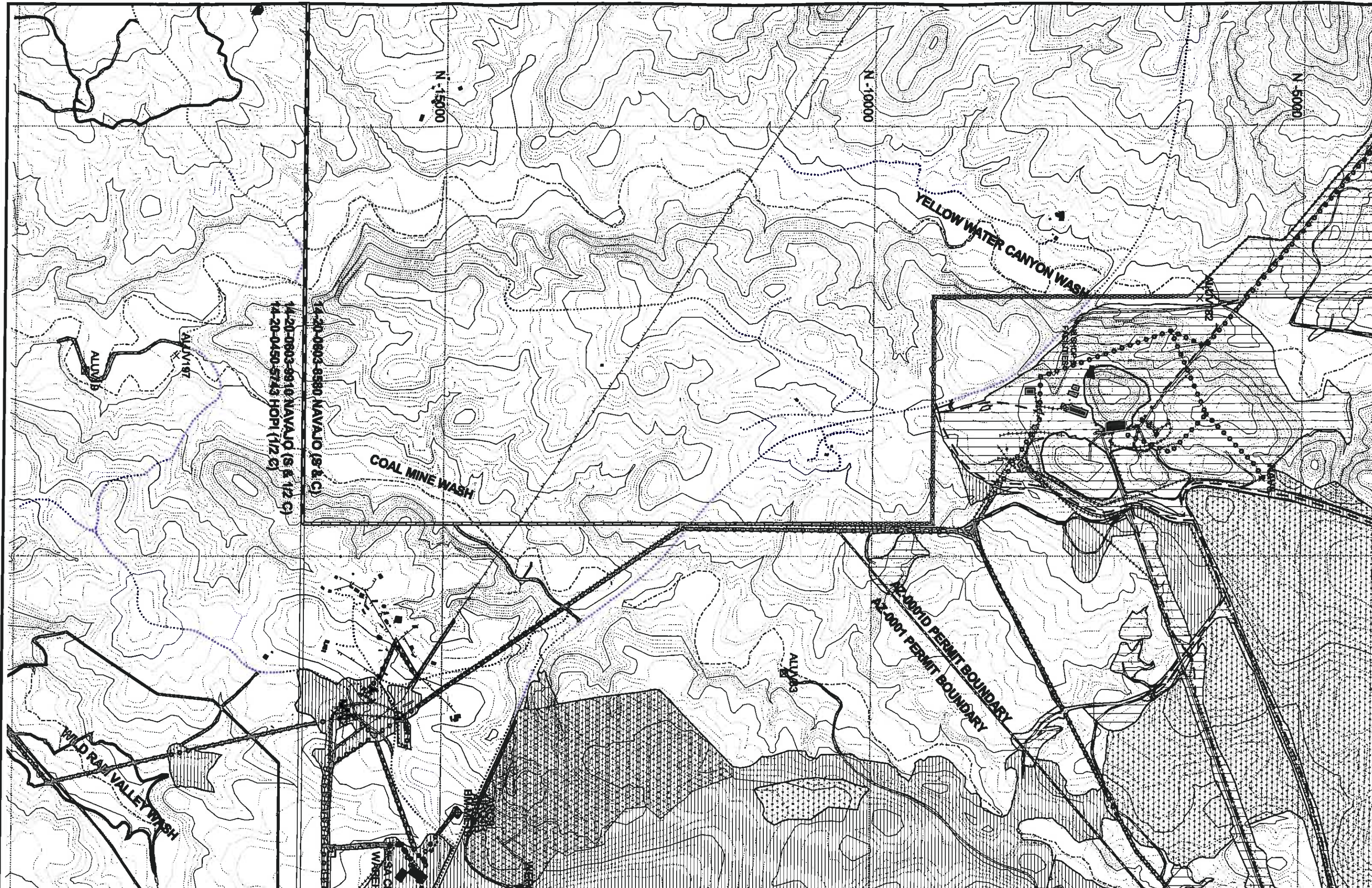
TCP Site

TCP Site





ENGINEER'S CERTIFICATION





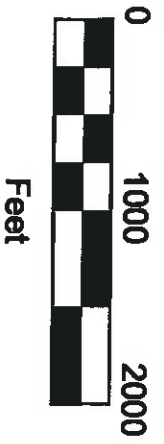
ENGINEER'S CERTIFICATION



JAMES G. SCHLENVOGT DATE

Engineering Supervisor
Peabody Western Coal Company

APR 12 2006



Roads	
	PWCC PRE-LAW RD
	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
	PW
	Permit Areas
	Exit
	Exit
	Power Lines
	PW
	Non