

N-11 Extension South

Jurisdictional Permit and Affected Lands Map Drawing #85360

Northwest Sheet



Black Mesa Complex
PO Box 650
Kayenta, Arizona 86033

Produced by PWCC GIS
Jun 17, 2008
T:\Projects\JPM 85360\Maps\JPM 1000.mxd

1 Inch = 1000 Feet
2006 Contours
20 foot interval
Indexes at 100 feet

-PWCC

Mine Facilities

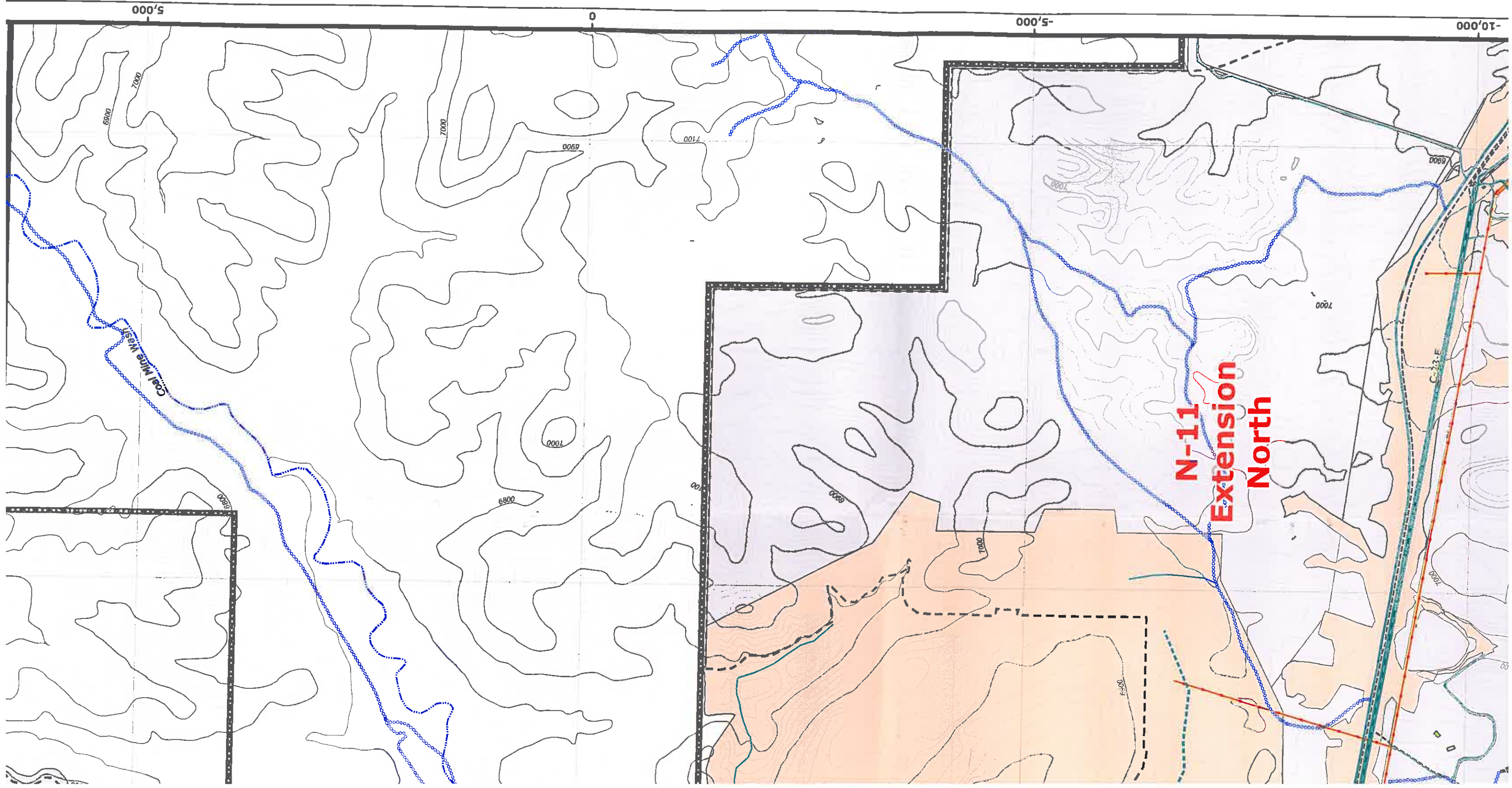
- SNIP/MCS Railroad
- Structures
- Facility

Permit

tion (Interim release)
ber 16, 1977)
16, 1977 through
1 (February 2, 1982
0002A
0001D
affected lands)

Disturbance other than Dragline
may occur.
Dragline Overburden Removal is
cess of Recovering Coal.





**N-11
Extension
North**

5,000

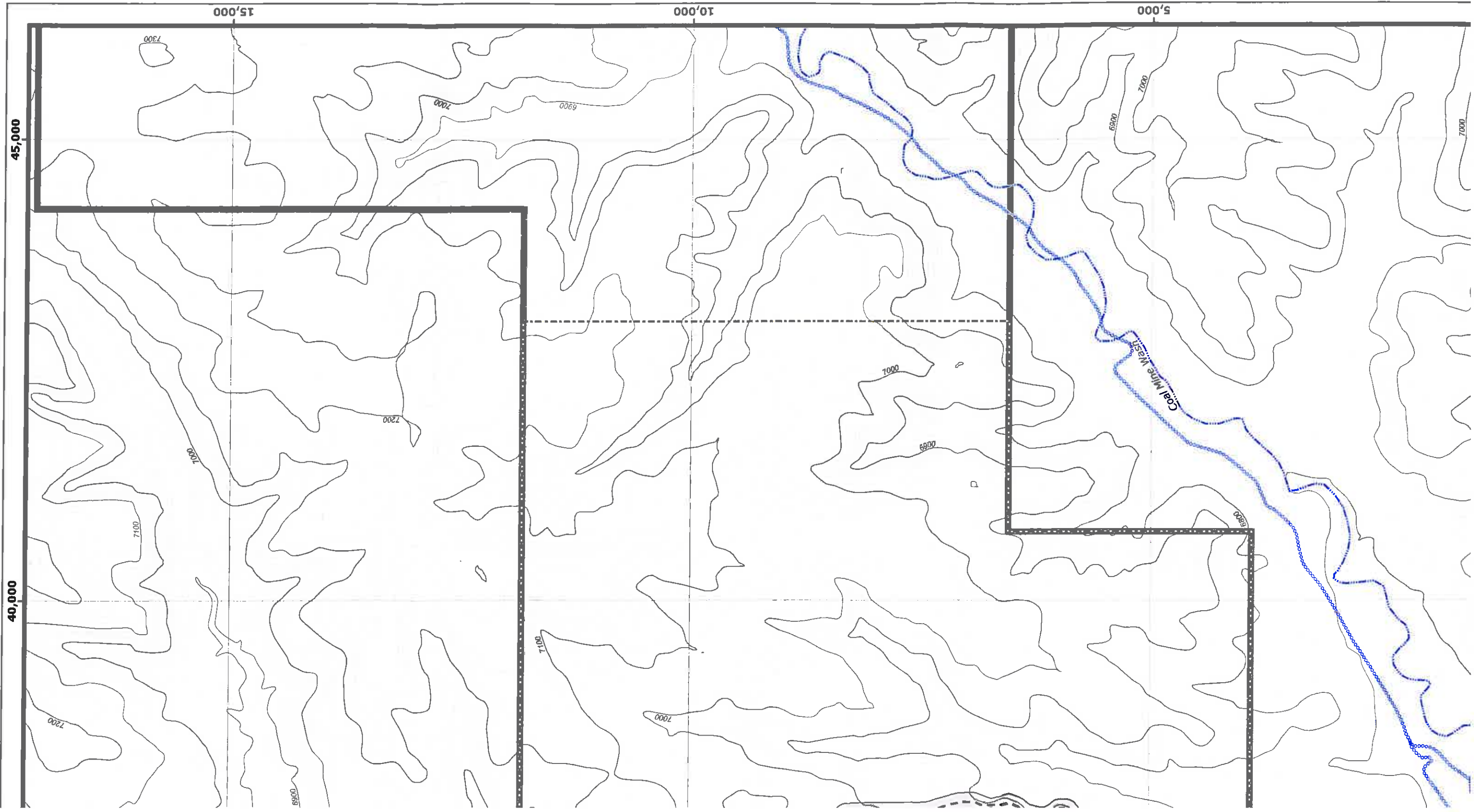
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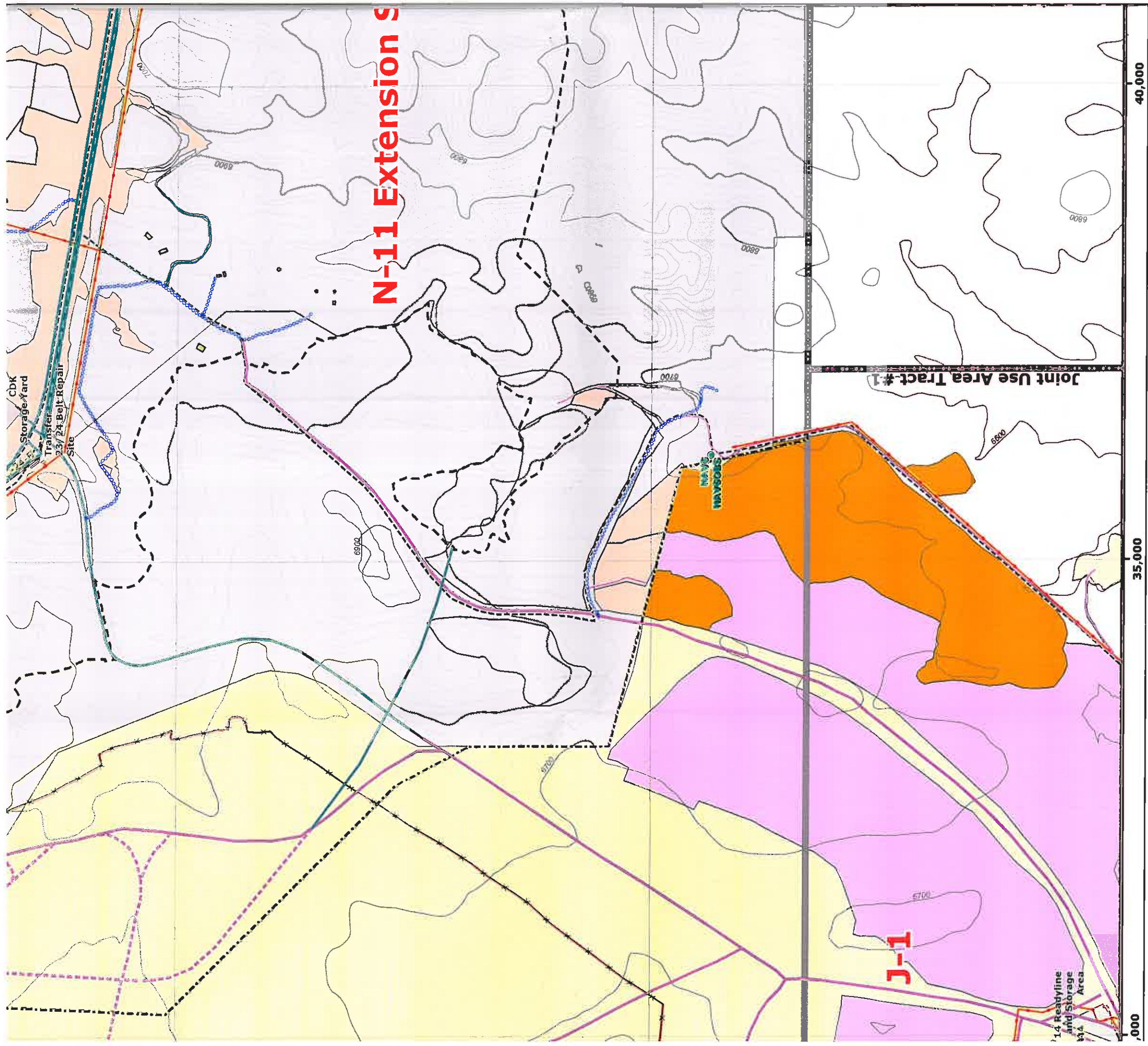
-5,000

-10,000

Coal Mine Wash

C-33-E





Mine Plan and Pit Data

- Mine Plan Block (2007-2011)
- Future Mining Area (Beyond 2011)
- Highway (7/15/1990)
- PIT Advance Direction

Water Features

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

Powerlines

- PWCC
- Non-PWCC

Coal Transport and Mine Facilities

- PWCC Conveyor
- SAP/NGS railroad
- PWCC Buildings and Structures
- Explosives Storage Facility

Permit (JPM) Current Permit

- Termination of Jurisdiction (Interim release)
 - Pre-Law (before December 16, 1977)
 - Pre-Interim (December 16, 1977 through February 1, 1982)
 - Interim Permit AZ-0001 (February 2, 1982 through July 1, 1990)
 - Permanent Permit AZ-0002A
 - Permanent Permit AZ-0001D
 - Permit (1D 2010-2011 affected lands)
 - Beyond 2011
- (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.

Protected Areas

- TCP Site
- Protected Area

Administrative Boundaries

- 01 Permit Line
- 1D Permit Line
- Navajo-Hopi Partition Line
- PWCC Permit 01A
- PWCC Permit 1D
- PWCC Permit 1D
- PWCC Permit 1D
- Non-Mining Road

Roads

- Primary
- Ramp
- Ancillary
- Non-Mining Road

Stockpiles and Scorria Pits

- Topsoil Stockpile Off Spill
- Topsoil Stockpile On Spill
- Coal Stockpile
- Scorria Pit
- Tilled Coal Stockpile

Minor EQ Sites

- Interim Permit 01
- Permanent Permit 1D

Major EQ Sites

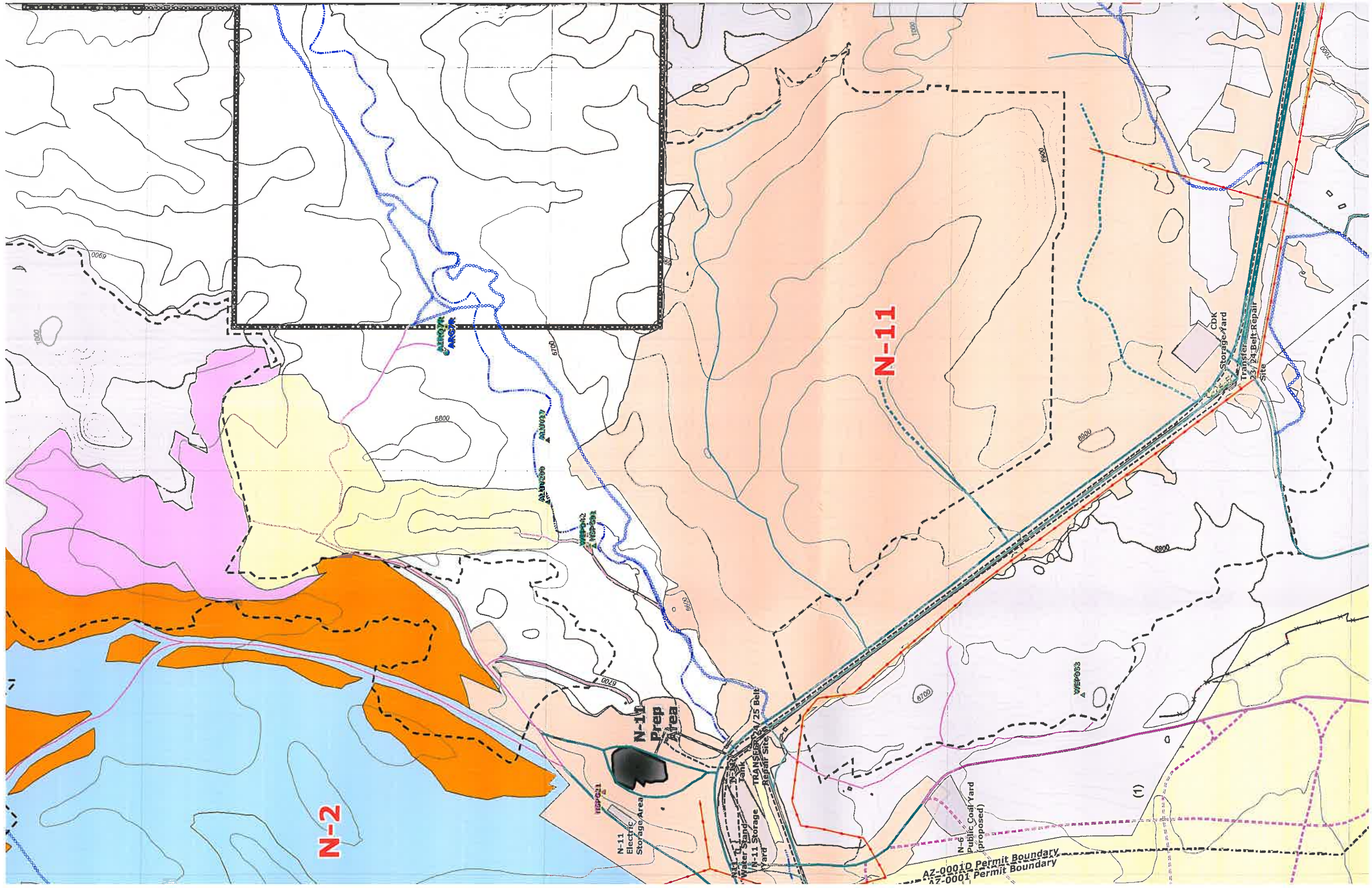
- Interim Permit 01
- Permanent Permit 1D

In the AZ-0001D permit drawings, individual mining drawings:

Black Mesa Complex, sites (e.g., on ponds, topsoil c.) are assumed to this map only, the disturbance area is shown.

ities Map
 ntral Structures Map
 g Maps

the AZ-0001D permit drawings, individual mining drawings: Black Mesa Complex, sites (e.g., on ponds, topsoil c.) are assumed to this map only, the disturbance area is shown.



N-11

N-2

N-11
Prep Area

N-11
Electric
Storage Area

N-11
Water Stand
Tank

N-11 Storage
Yard

N-11 TRANSFER 24/25 Belt
Repair Site

N-6
Public Coal Yard
(proposed)

Storage Yard
CBK

Transfer
23/24 Belt Repair
Site

AZ-0001D Permit Boundary
AZ-0001 Permit Boundary

(1)

WSP033

6700

6800

6900

7000

7100

6700

6800

0069

1000

WSP011

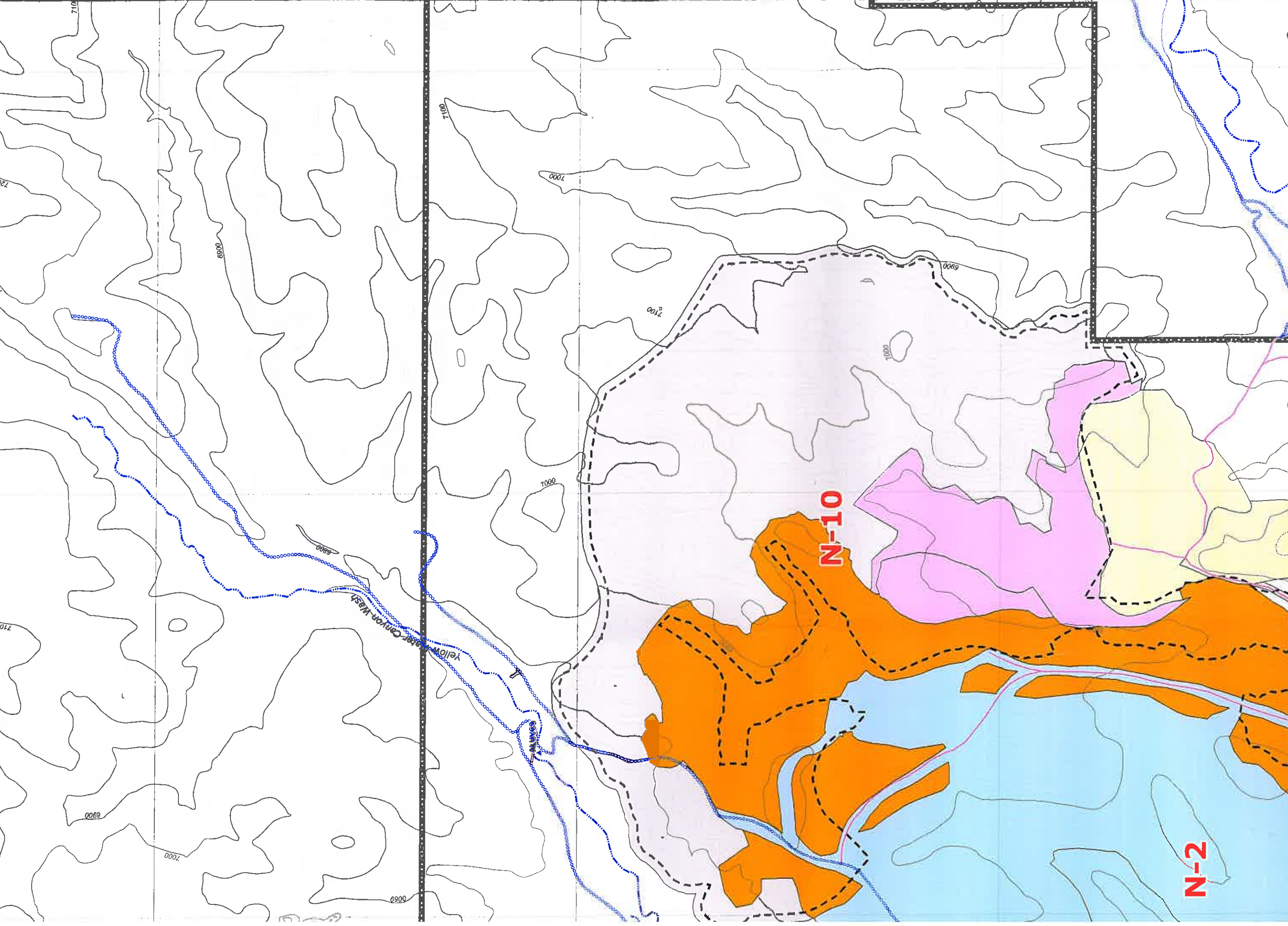
WSP012

WSP027

ALUN206

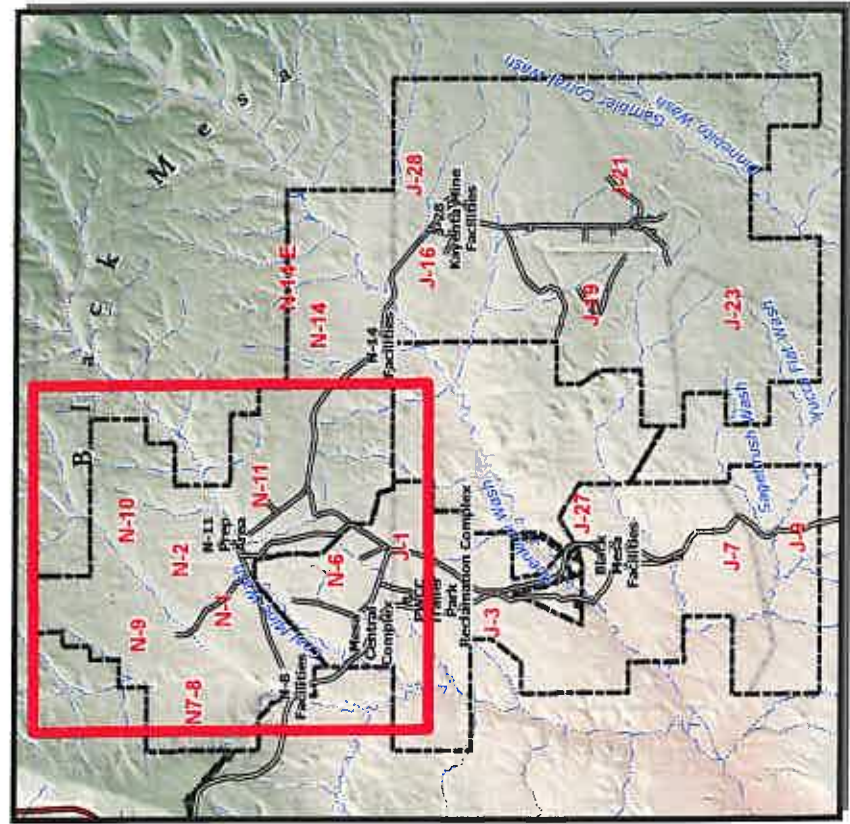
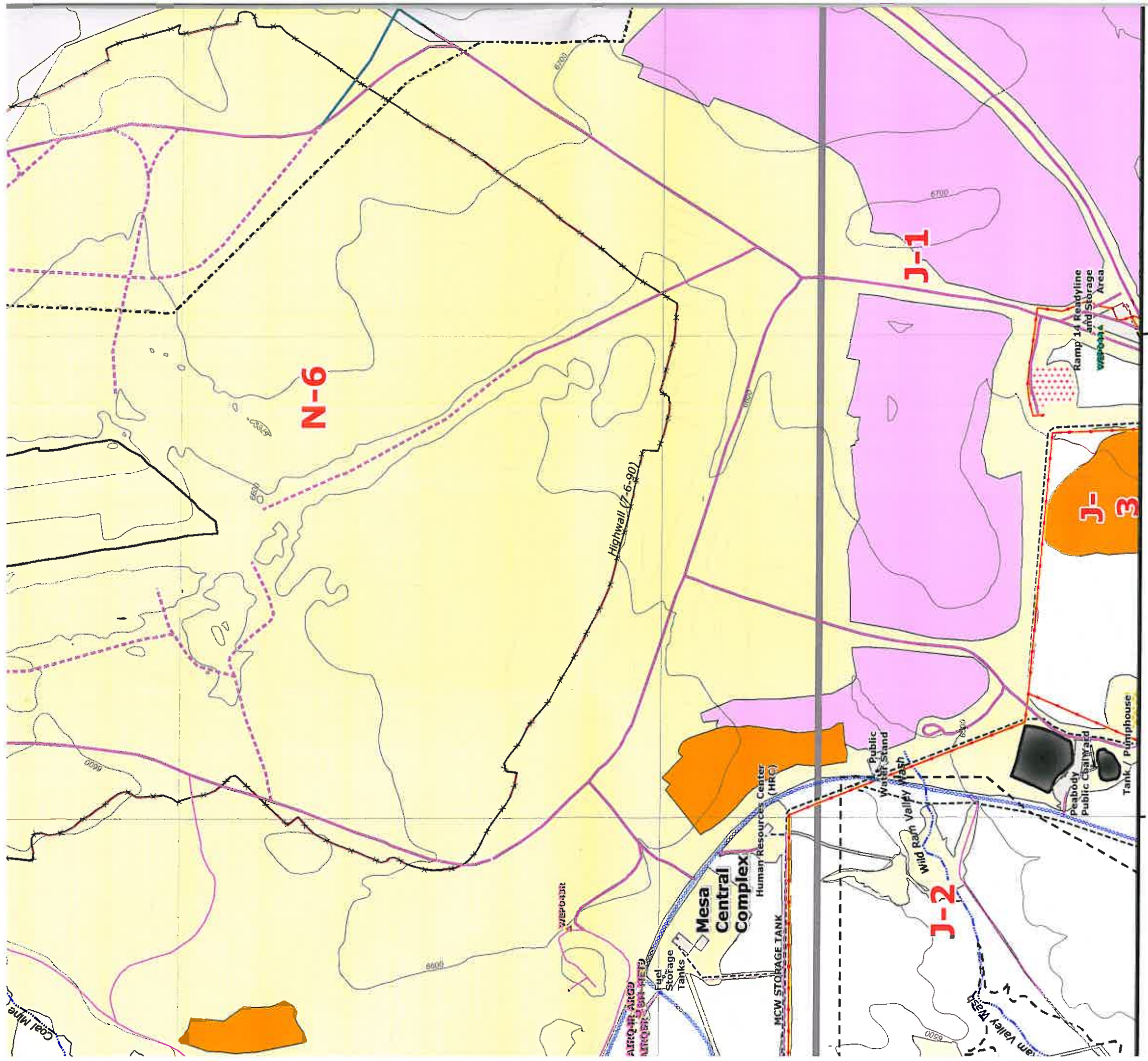
ALUN037

40,000
35,000
30,000



N-10

N-2



Mine Plan and Pit Data

- Mine Plan Block (2007-2011)
- Future Mining Area (Beyond 2011)
- Highwall (7/6/1990)
- Pit Advance Direction

Protected Areas

- TCP Site
- Protected Area

Stockpiles and Scorla Pits

- Topsoil Stockpile
- Off Spoil
- Coal Stockpile
- Idled Coal Stockpile
- Scorla Pit

Minor EO Sites

- Interim Permit 01
- Permanent Permit 1D

Major EO Sites

- Interim Per
- Permanent

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:

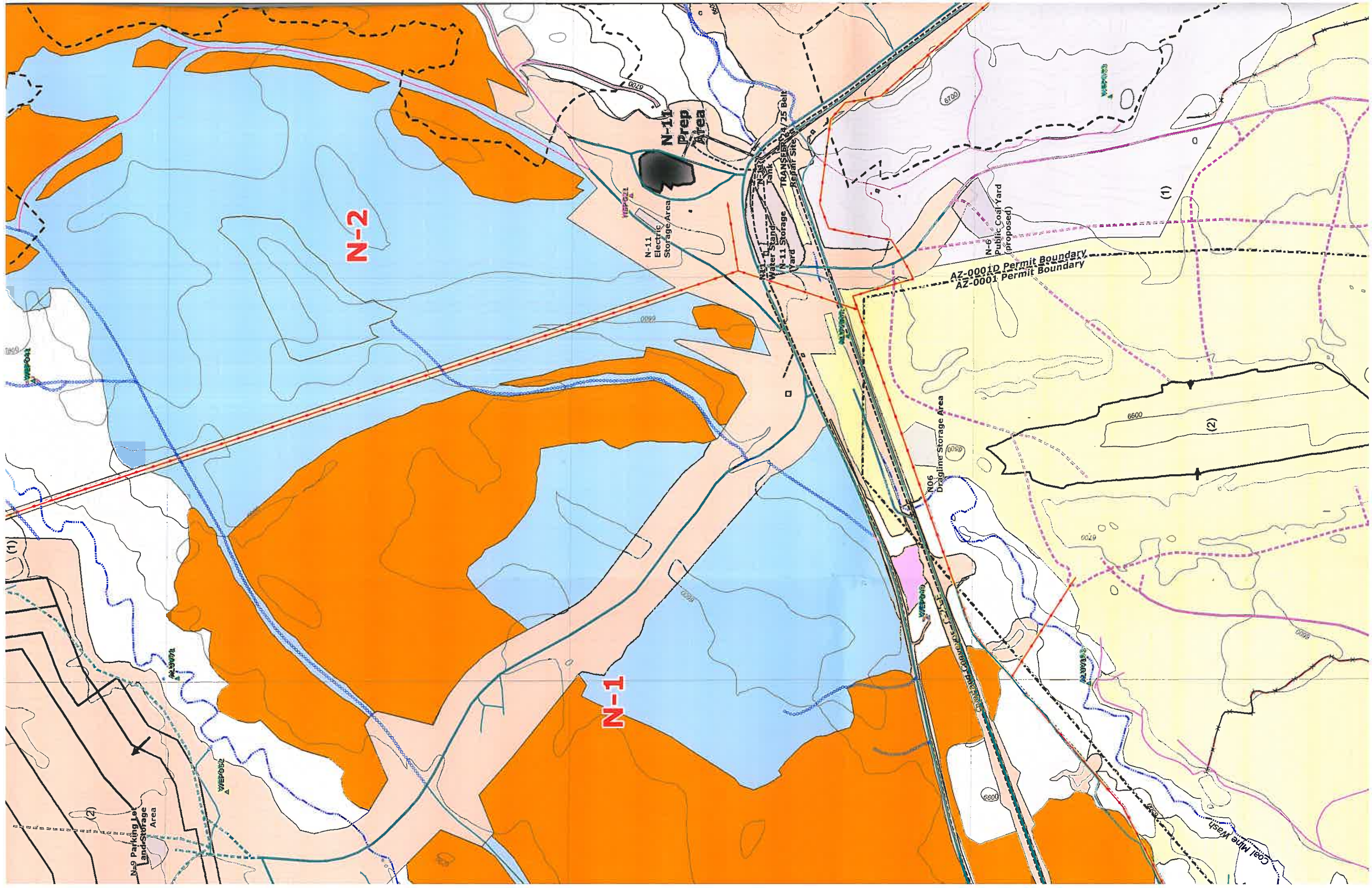
- Mine Plan Map
- Estimated PMT Map
- Drainage Area and Facilities Map
- Sediment and Water Control Structures Map
- Permanent Roads Map
- Mine Facilities Map
- Environmental Monitoring Maps
- Bonding Map

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.

30,000

25,000

rade



N-2

N-1

**N-11
Prep
Area**

N-11
Electric
Storage Area

N-11
Water Stand
Tank

N-11
Storage
Yard

N-11
TRANSFER & 75 Belt
Repair Site

N-6
Public Coal Yard
(proposed)

AZ-0001D Permit Boundary
AZ-0001 Permit Boundary

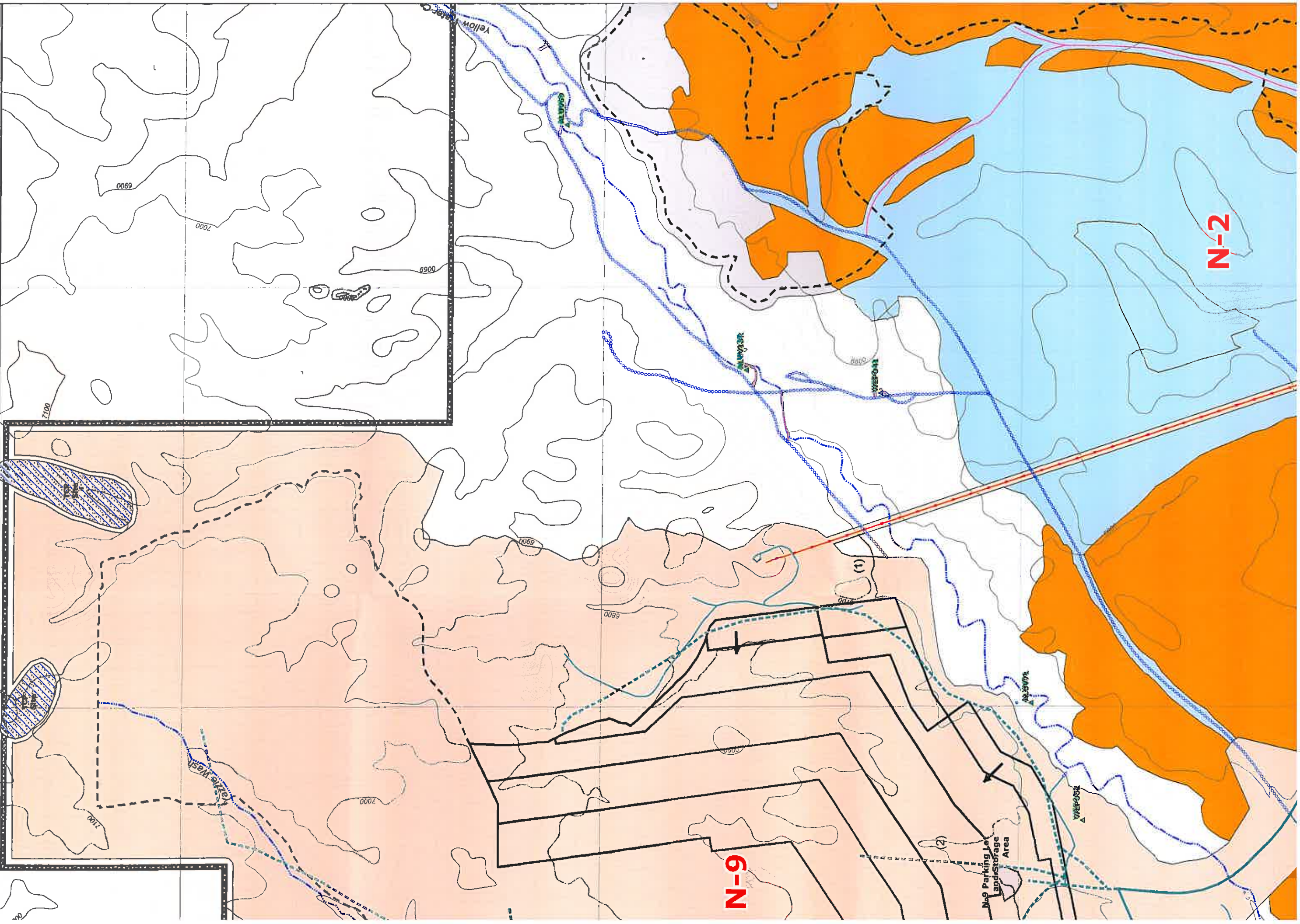
N-6
Dragline Storage Area

N-9 Parking Lot
and Storage
Area

Coal Mine Wash

30,000

25,000



N-2

N-9

No Parking Lot
Land Storage
Area

(2)

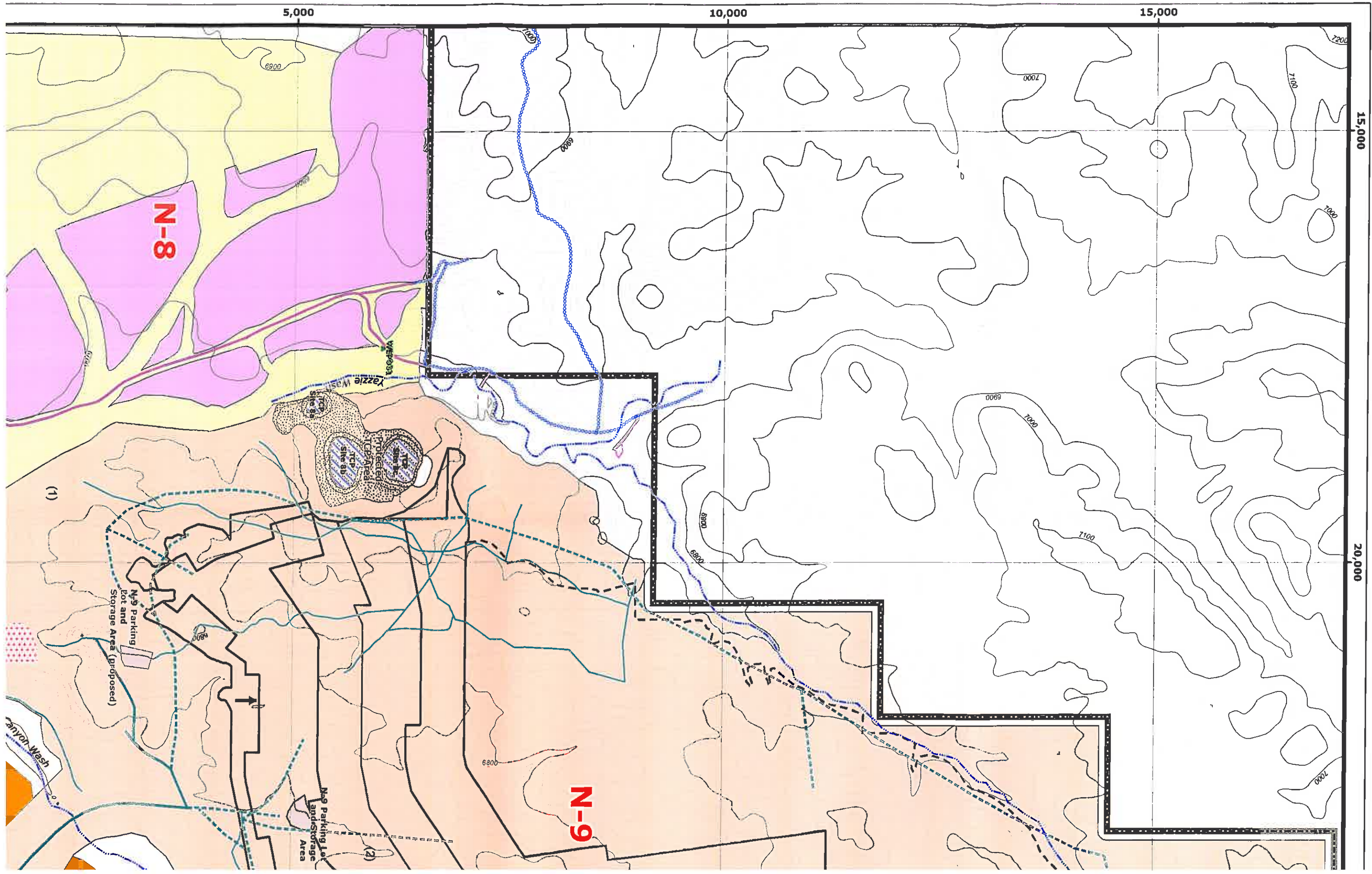
(1)

Yellow Water Cr.

Kozie Wash

WSP-01

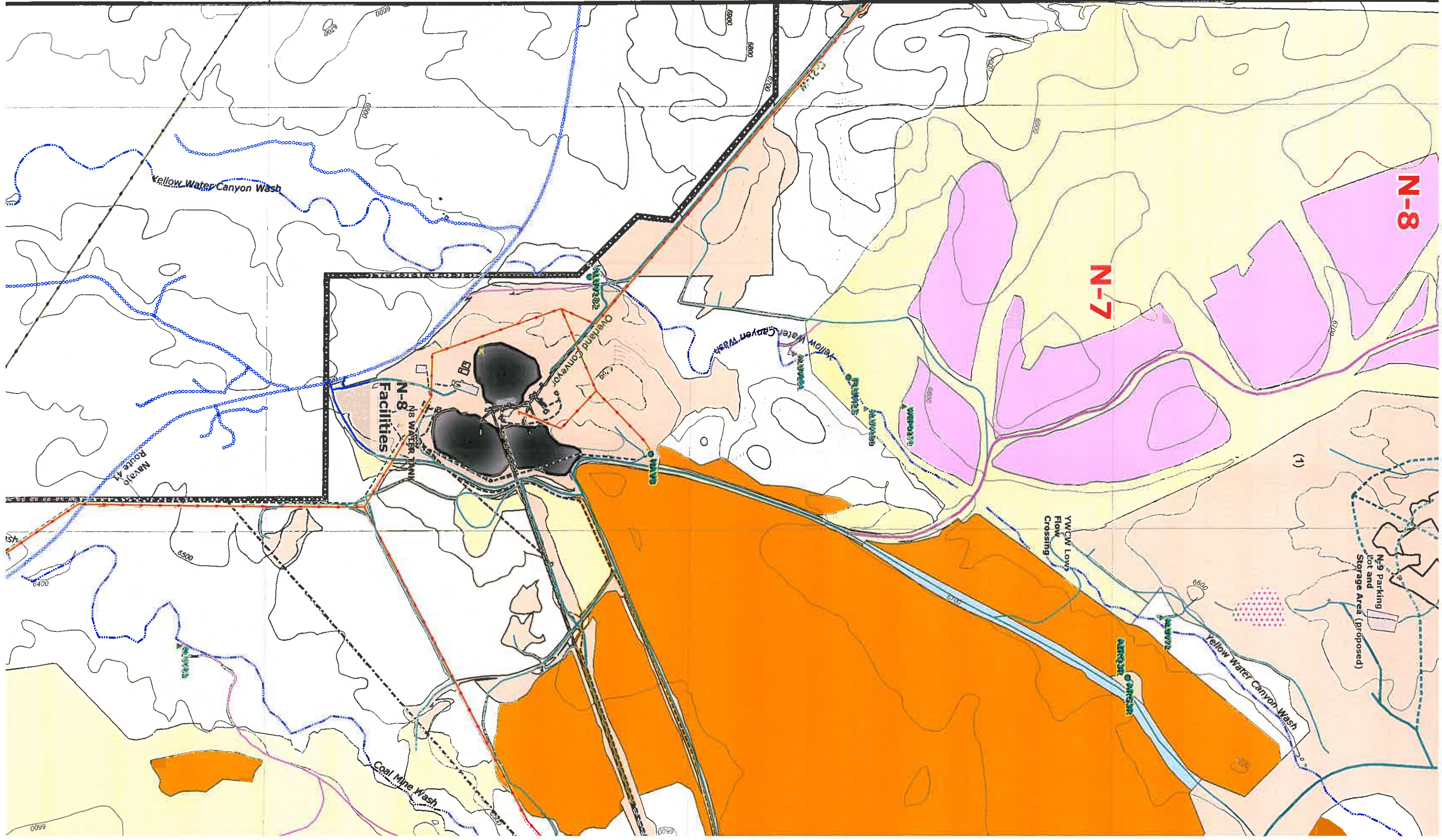
Watercourse

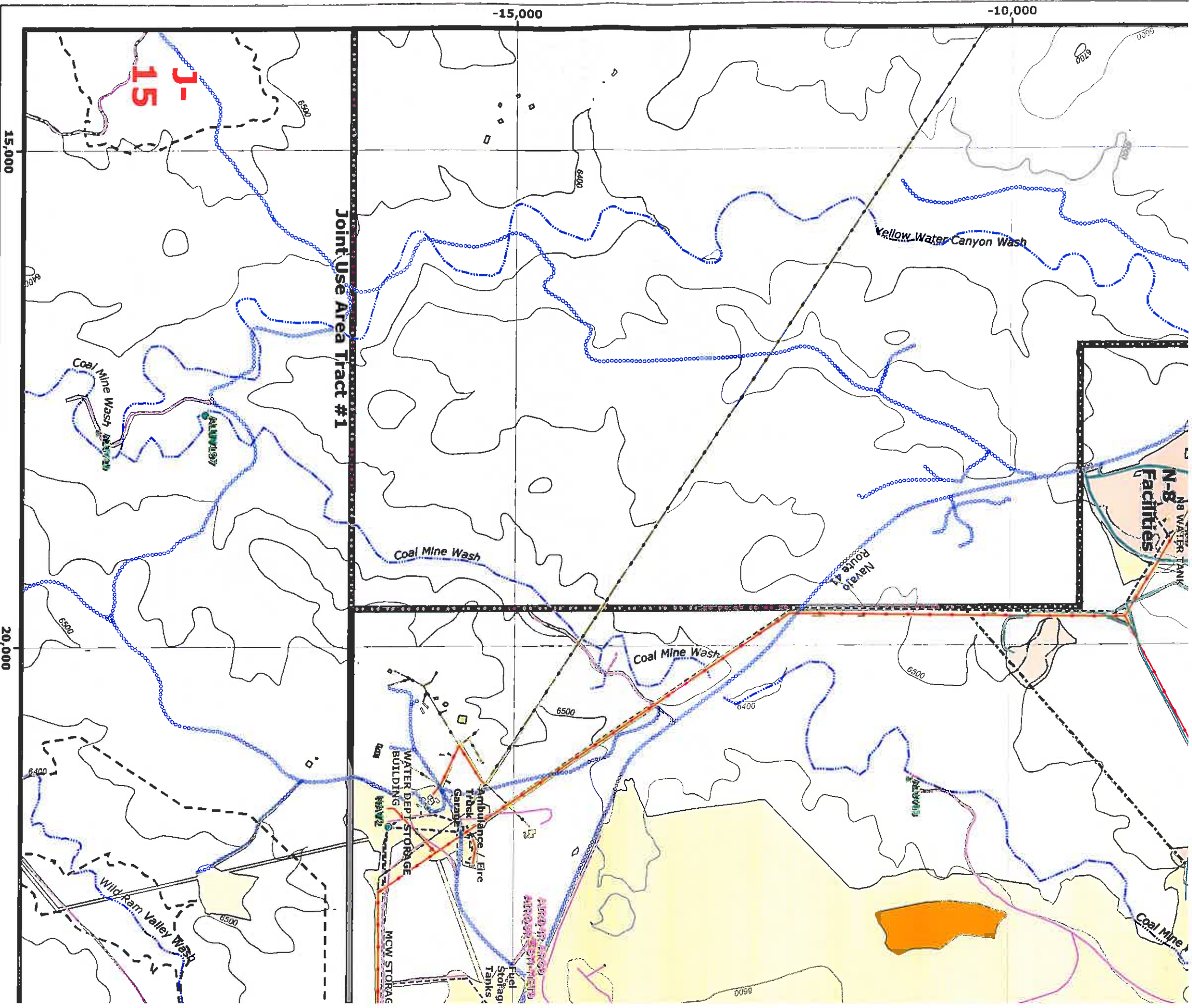


-10,000

-5,000

0





ENGINEER'S CERTIFICATION

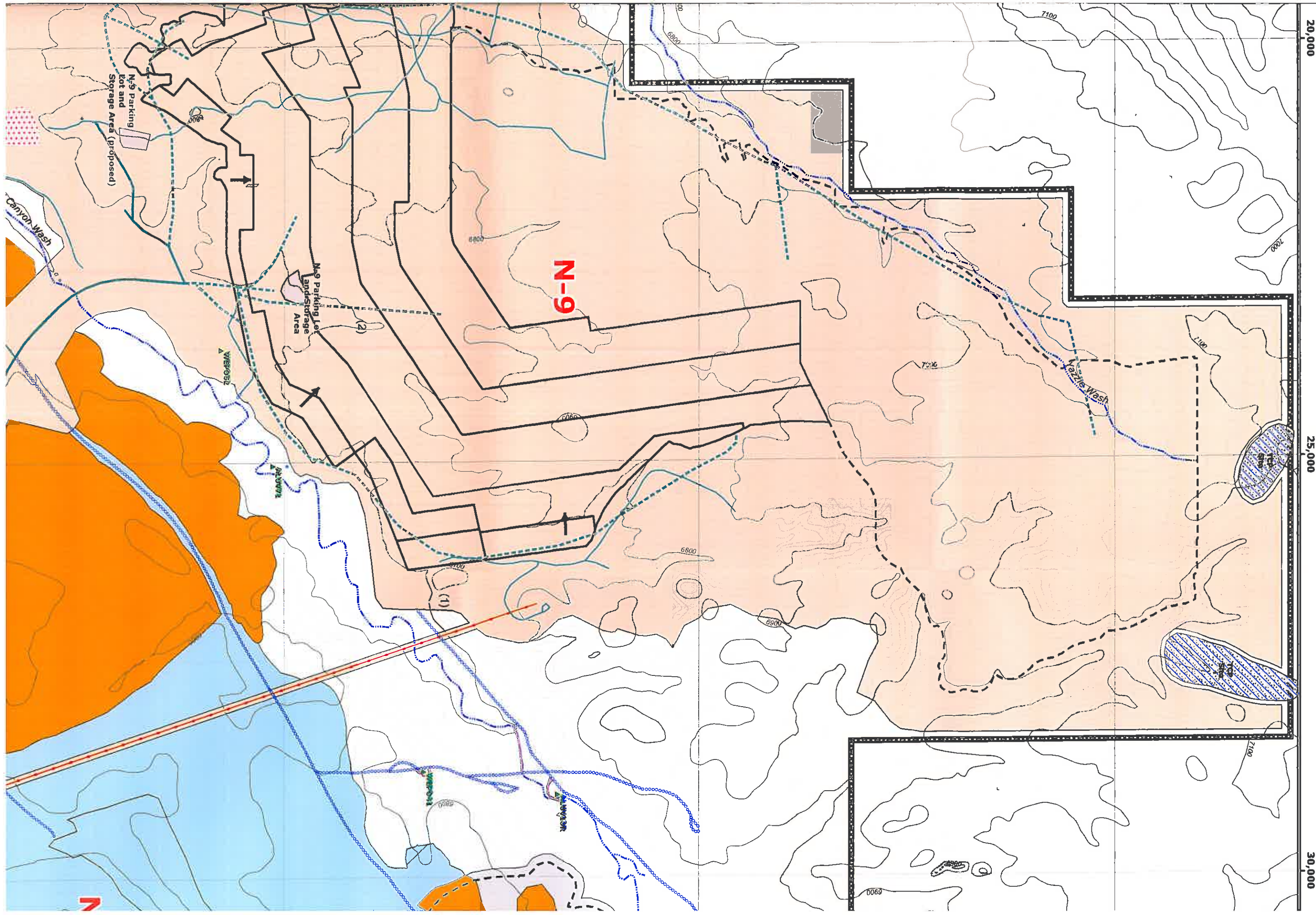


James G. Schlenvogt
James G. Schlenvogt
 Engineering Manager
 Peabody Western Coal Company

JUN 17 2008
 Date

MAP REVISIONS

| CHK'D | DATE | DESCRIPTION |
|--------|------------|--------------------------------------|
| JGS | 01-20-2004 | 5 Yr. Mineplan Rev. |
| JGS | 06-05-2004 | Powerline Rev. |
| JGS | 01-14-2005 | N-9 5 Yr. Mineplan Rev. |
| JGS | 02-25-2005 | Permit Renewal |
| JGS | 06-15-2005 | N-9 Facilities Rev. |
| JGS | 06-15-2005 | N-09 & N-06 Facilities Rev. |
| JGS | 12-15-2005 | N-09 Sequence Rev. |
| JGS | 01-20-2006 | OSM Response |
| GW | 04-12-2006 | Roads and TCP Revisions |
| JGS | 07-12-2006 | Support Facility Revisions |
| JGS/GW | 03-21-2007 | Feature Revisions / Software Upgrade |
| JGS/GW | 12-21-2007 | Mine Wide Feature Update |
| JGS | 04-25-2008 | Airport Revisions |
| JGS | 06-17-2008 | OSM Response |



20,000

25,000

30,000

N-9

N-9 Parking Lot and Storage Area (proposed)

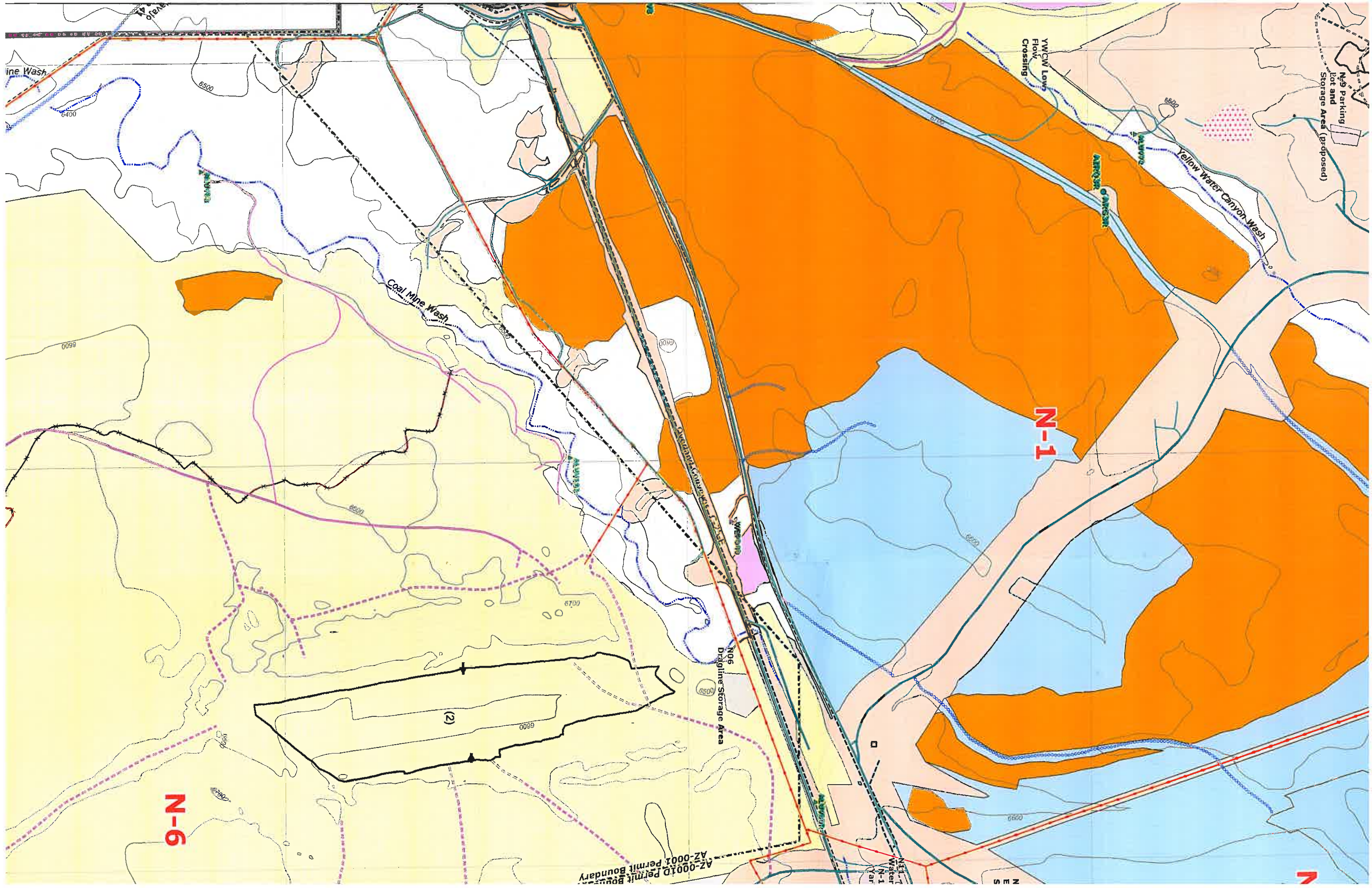
N-9 Parking Lot and Storage Area

WASHES

Kazzie Wash

Canyon Wash





N09 Parking
Lot and
Storage Area (Proposed)

YMCW Low
Flow
Crossing

Yellow Water Canyon Wash

Coal Mine Wash

N-1

N-6

AZ-0001D Permit Boundary

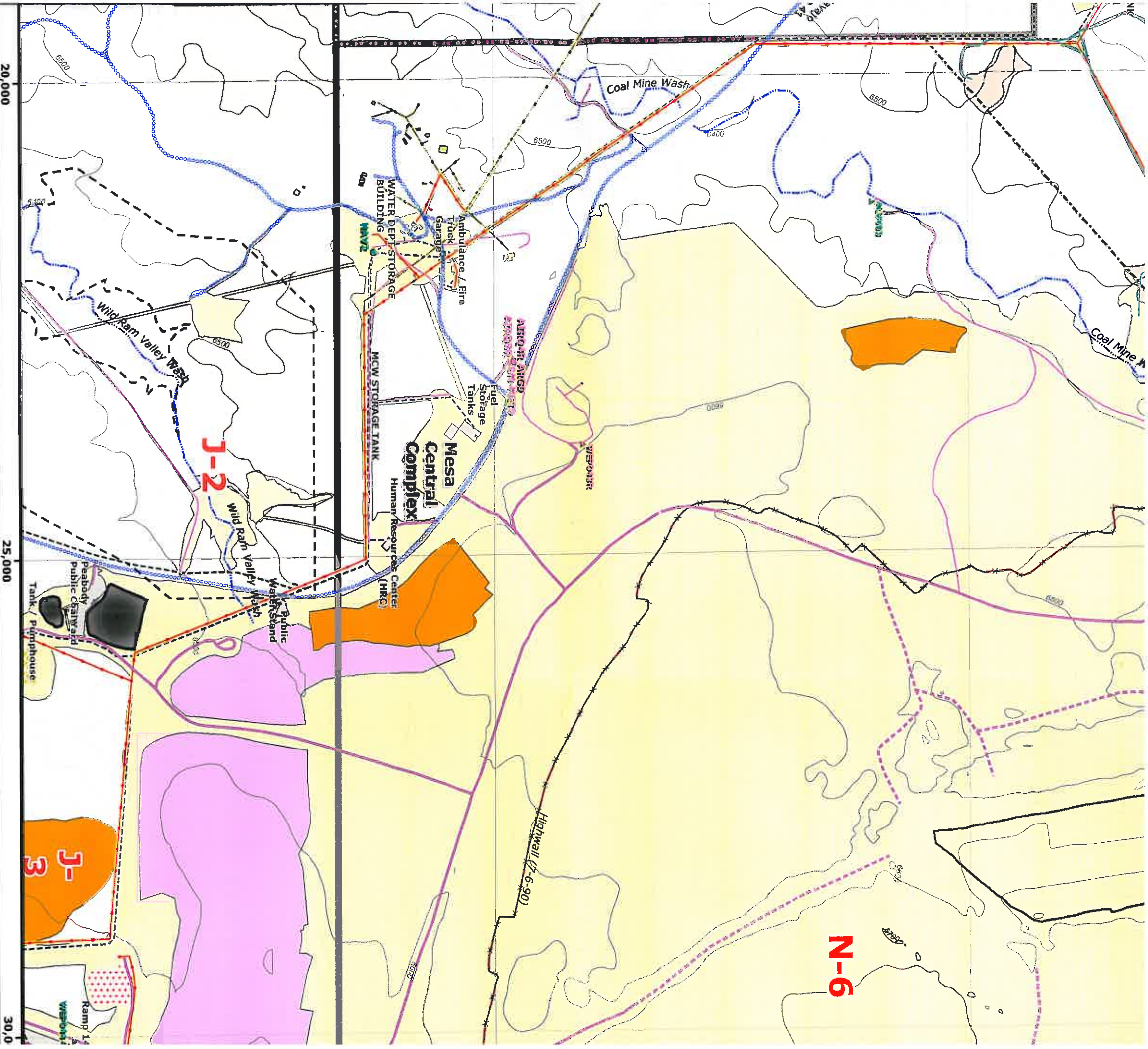
N06
Dragline Storage Area

N07
Storage Area

N08
Storage Area

N 5

7



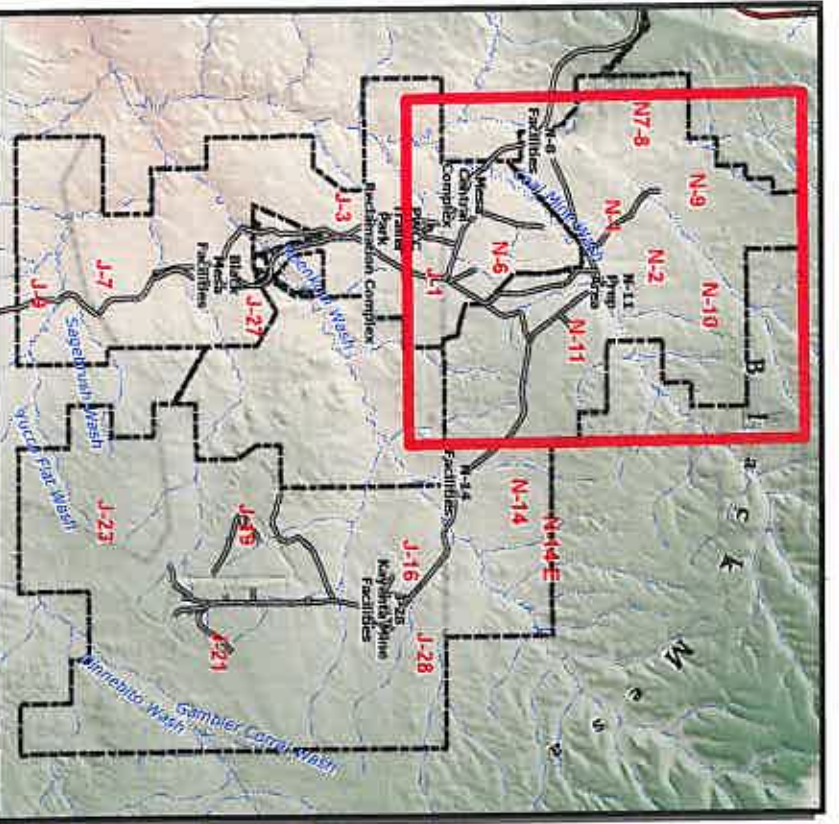
20,000

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30,000

MAP REVISIONS

| K/D | DATE | DESCRIPTION |
|-----|------------|--------------------------------------|
| S | 01-20-2004 | 5 Yr. Mineplan Rev. |
| S | 06-05-2004 | Powerline Rev. |
| S | 01-14-2005 | N-9 5 Yr. Mineplan Rev. |
| S | 02-25-2005 | Permit Renewal |
| S | 06-15-2005 | N-9 Facilities Rev. |
| S | 06-15-2005 | N-09 & N-06 Facilities Rev. |
| S | 12-15-2005 | N-09 Sequence Rev. |
| S | 01-20-2006 | OSM Response |
| N | 04-12-2006 | Roads and TCP Revisions |
| S | 07-12-2006 | Support Facility Revisions |
| GW | 03-21-2007 | Feature Revisions / Software Upgrade |
| GW | 12-21-2007 | Mine Wide Feature Update |
| SS | 04-25-2008 | Airport Revisions |
| SS | 06-17-2008 | OSM Response |



Notes:

- A. This drawing identifies those areas within the boundary where various reclamation standards the drawing indicates the orientation and direction and the boundaries of dredging striping areas; disturbance for the current five-year permit term.
- B. The permit reference index can be found in 25, Table 1. In addition, identification of facility-related sites may be found on the following drawings:
 - 85230 Mine Plan Map
 - 85332 Estimated PNT Map
 - 85400 Drainage Area and Facility
 - 85405 Sediment and Water Control
 - 85445 Permanent Roads Map
 - 85460-85490 Mine Facilities Map
 - 85600 & 93500 Environmental Monitoring Bonding Map
 - 89800
- C. Due to the extensive aerial extent of the Blaine environmental monitoring sites, sedimentation structures, utility lines, conveyors, roads, etc.) include the disturbance created during the reclamation of these sites. For purposes of the approximate center or centerline of the disturbance.