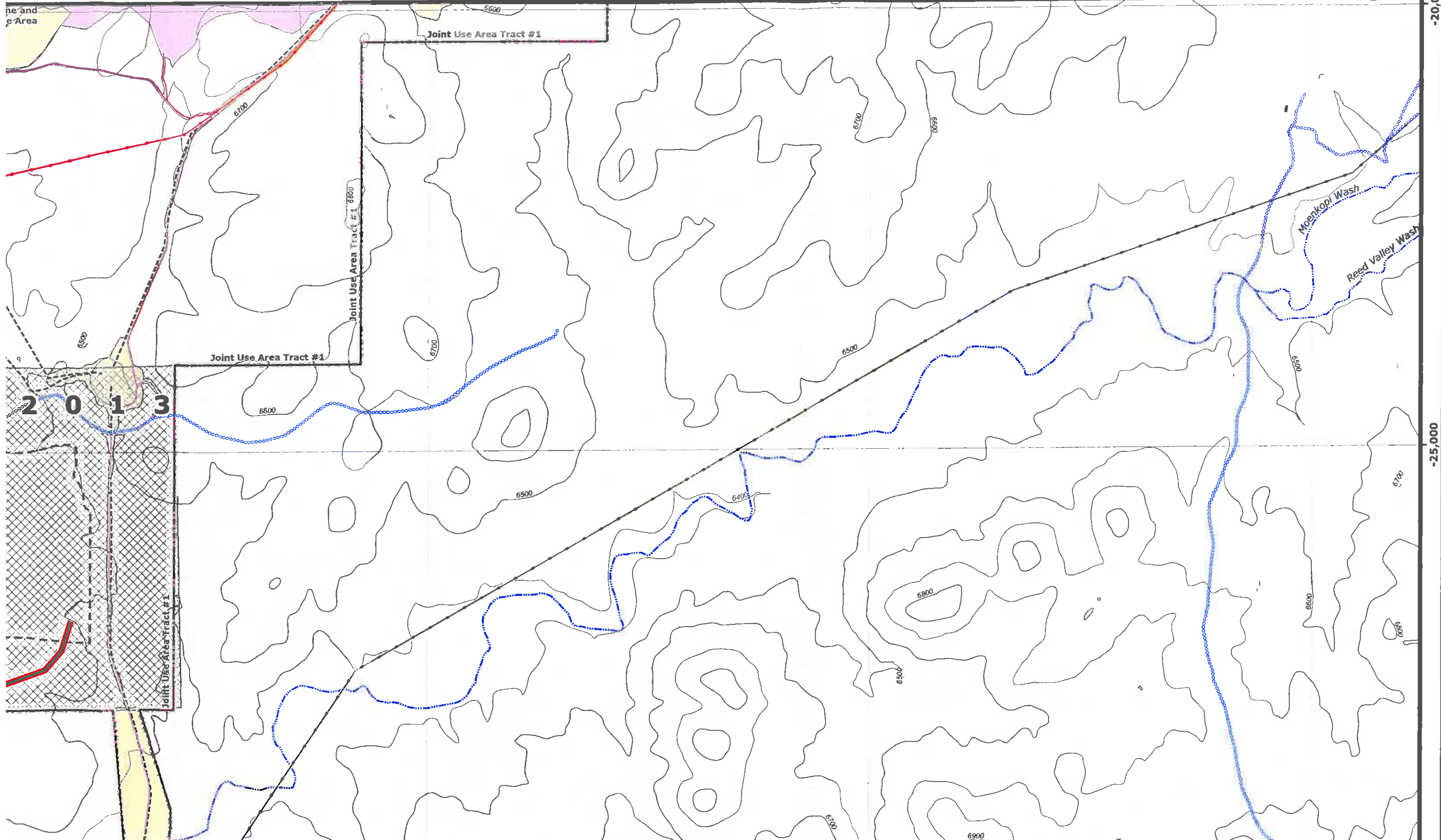


35,000 40,000 45,000

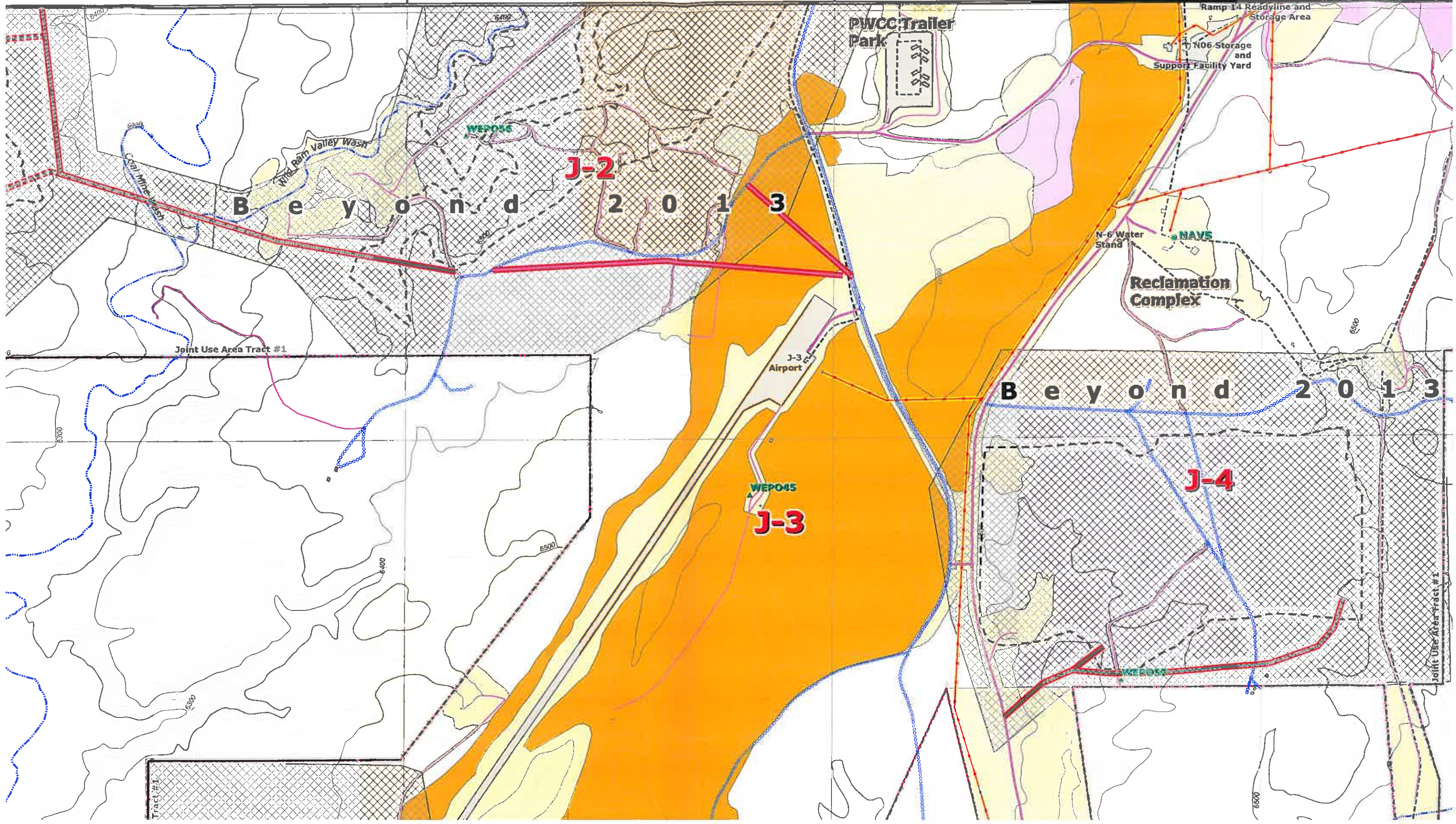


-20,000
-25,000

20,000

25,000

30,000



Beyond 2013

Beyond 2013

J-2

J-3

J-4

PWCC Trailer Park

J-3 Airport

Reclamation Complex

N-6 Water Stand

NAVS

Ramp 14 Readyline and Storage Area

N06 Storage and Support Facility Yard

Joint Use Area Tract #1

Joint Use Area Tract #1

Tract #1

Wild Ram Valley Wash

Coal Mine Wash

WEPO56

WEPO45

WEPO5X

6300

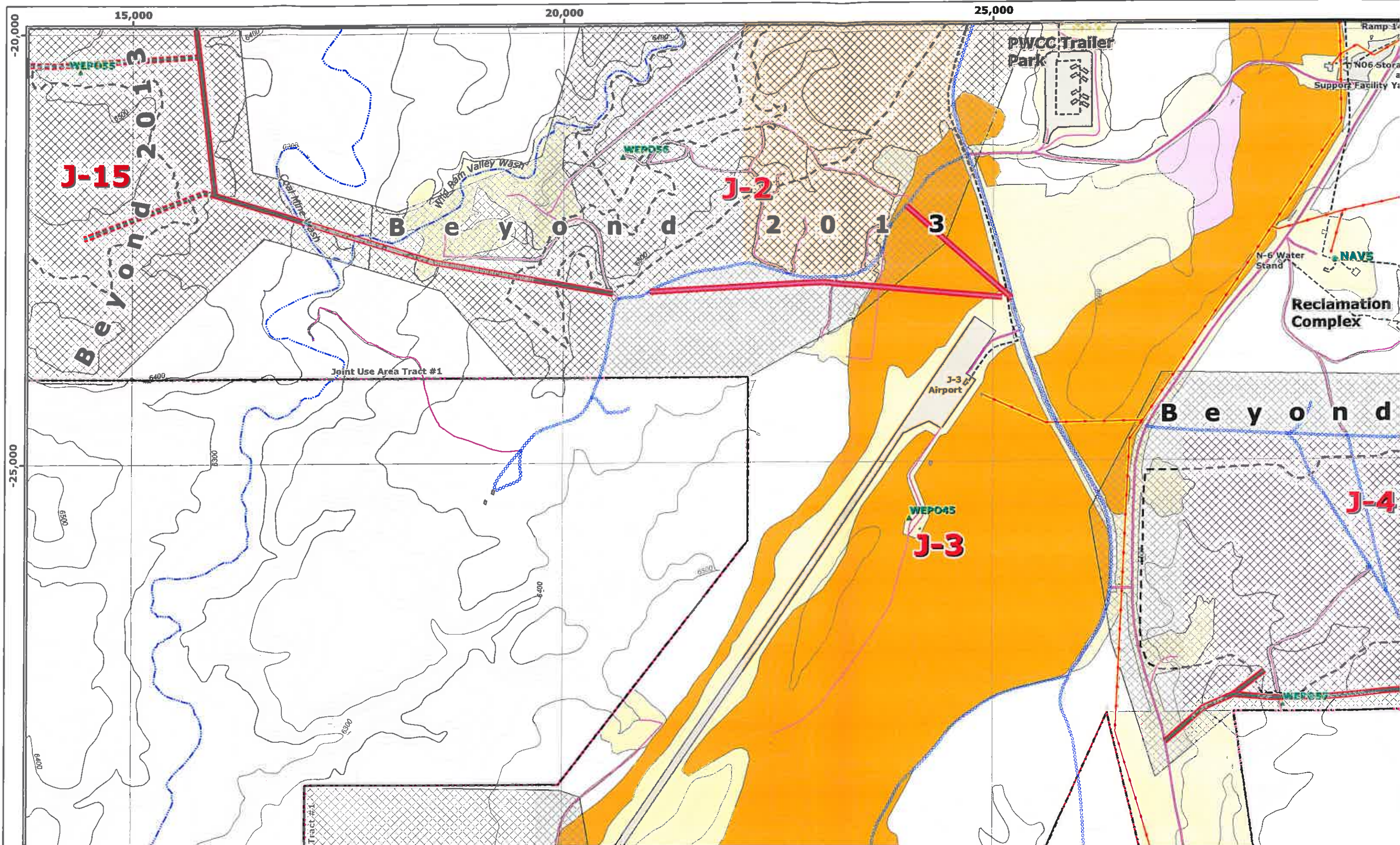
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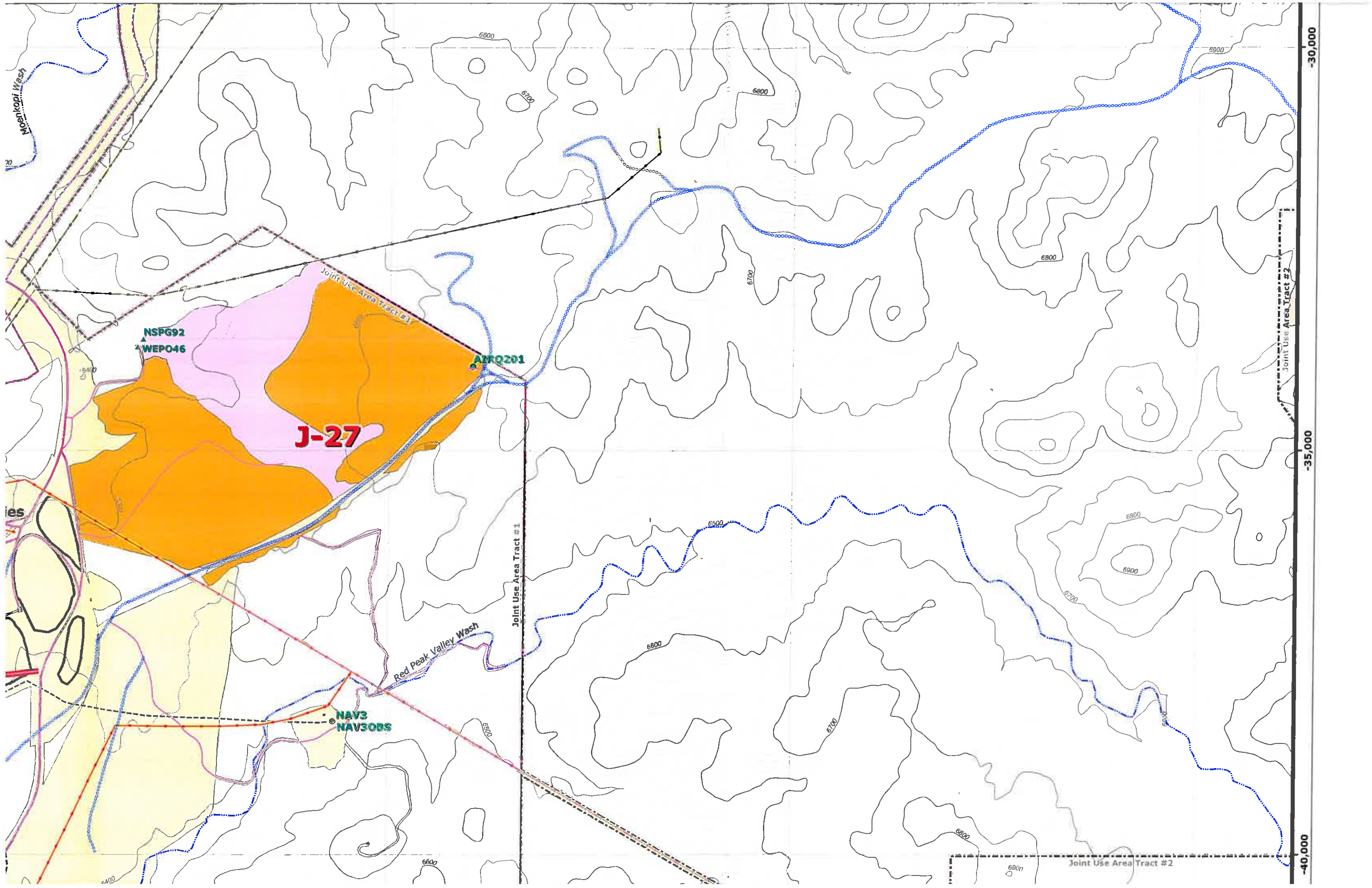
6500

6600

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6500





Moenkopi Wash

NSFG92
WEPO46

J-27

ANFQ201

Joint Use Area Tract #1

Red Peak Valley Wash

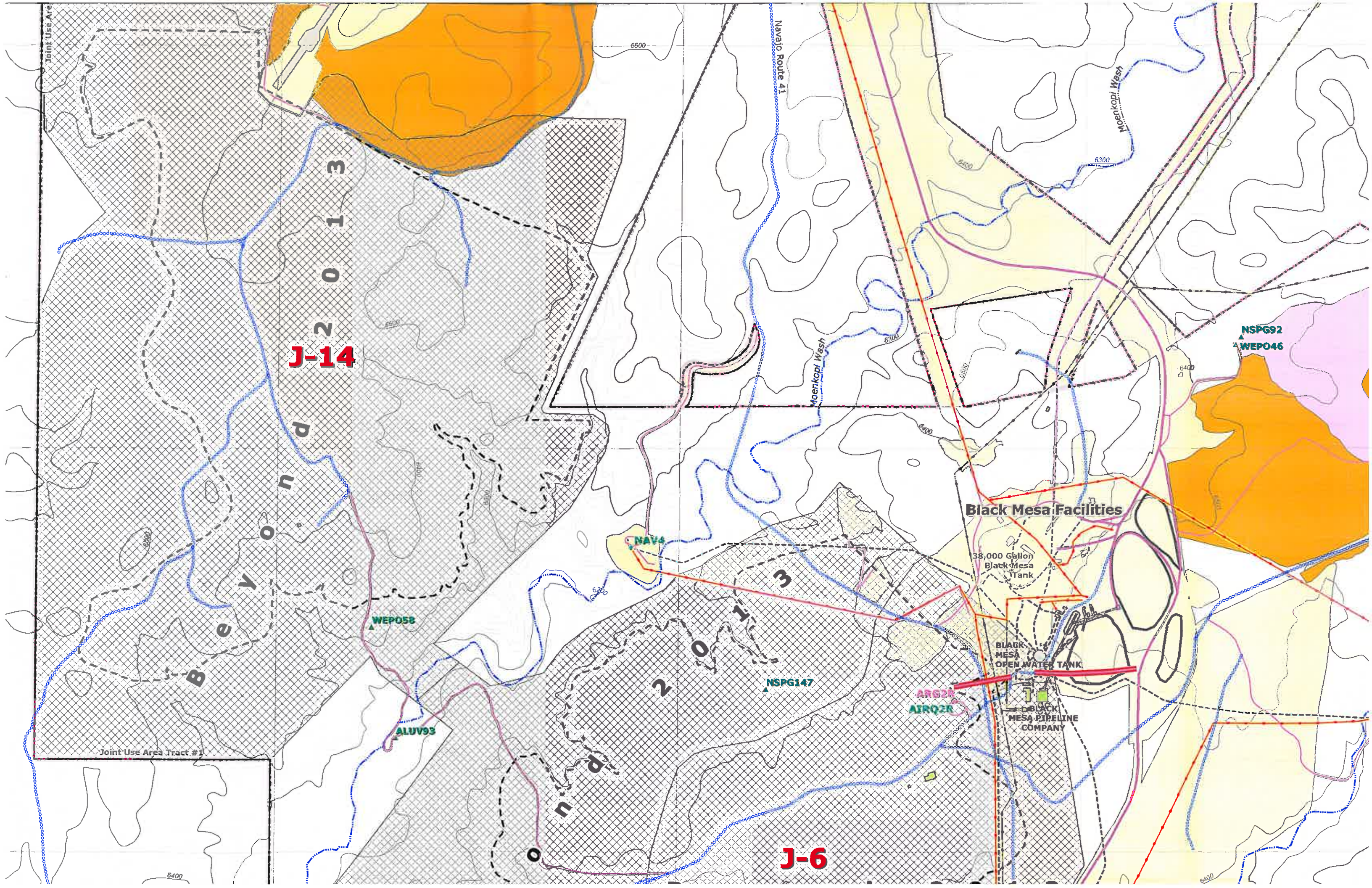
NAV3
NAV30BS

Joint Use Area Tract #1

Joint Use Area Tract #2

Joint Use Area Tract #2

-30,000
-35,000
-40,000



J-14

J-6

Black Mesa Facilities

38,000 Gallon
Black Mesa
Tank

BLACK
MESA
OPEN WATER TANK

BLACK
MESA PIPELINE
COMPANY

B
e
y
o
n
d
2
0
1
3

2
0
1
3

6500

6300

6300

6400

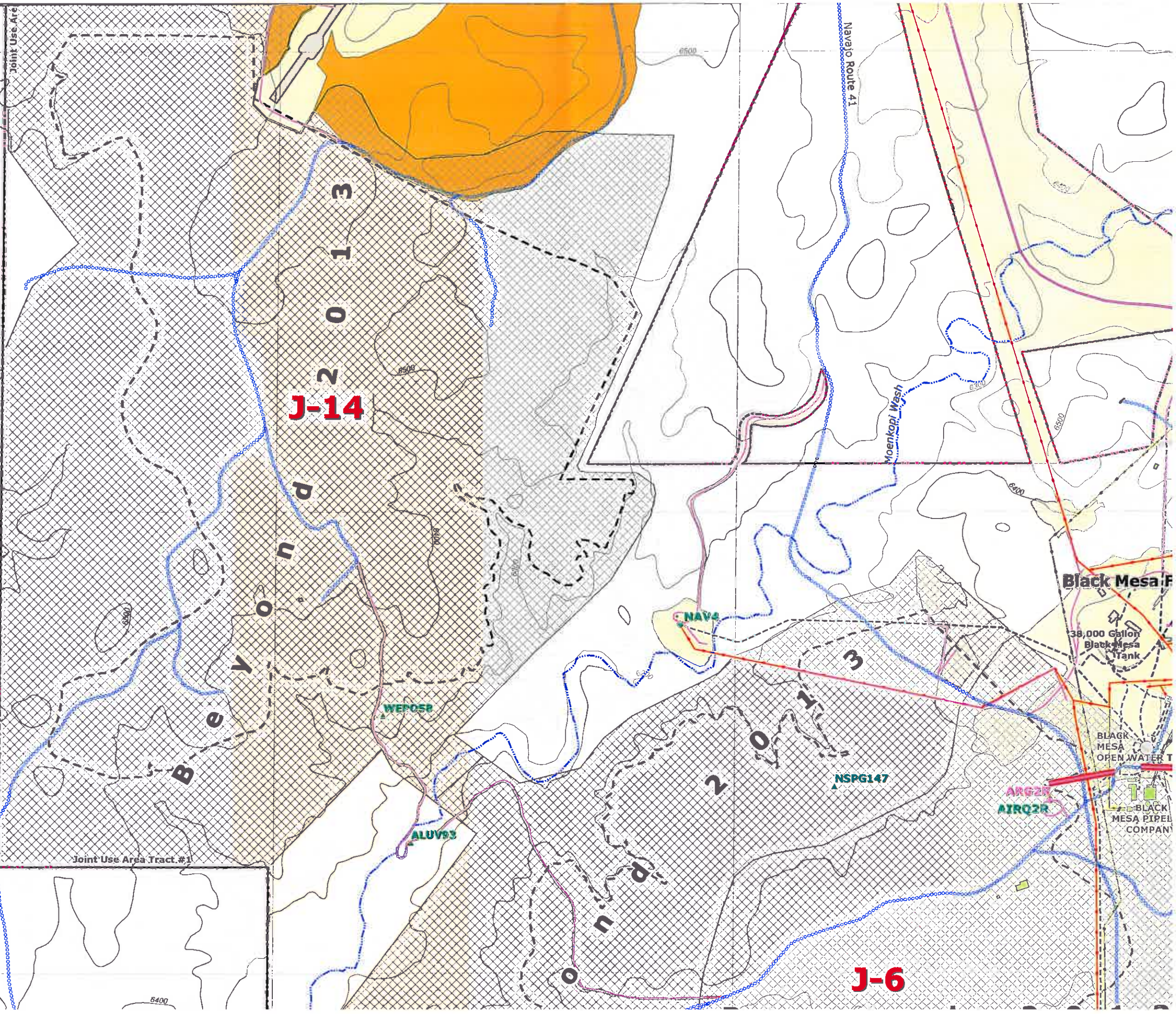
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Joint Use Area Tract #1

6400

6400

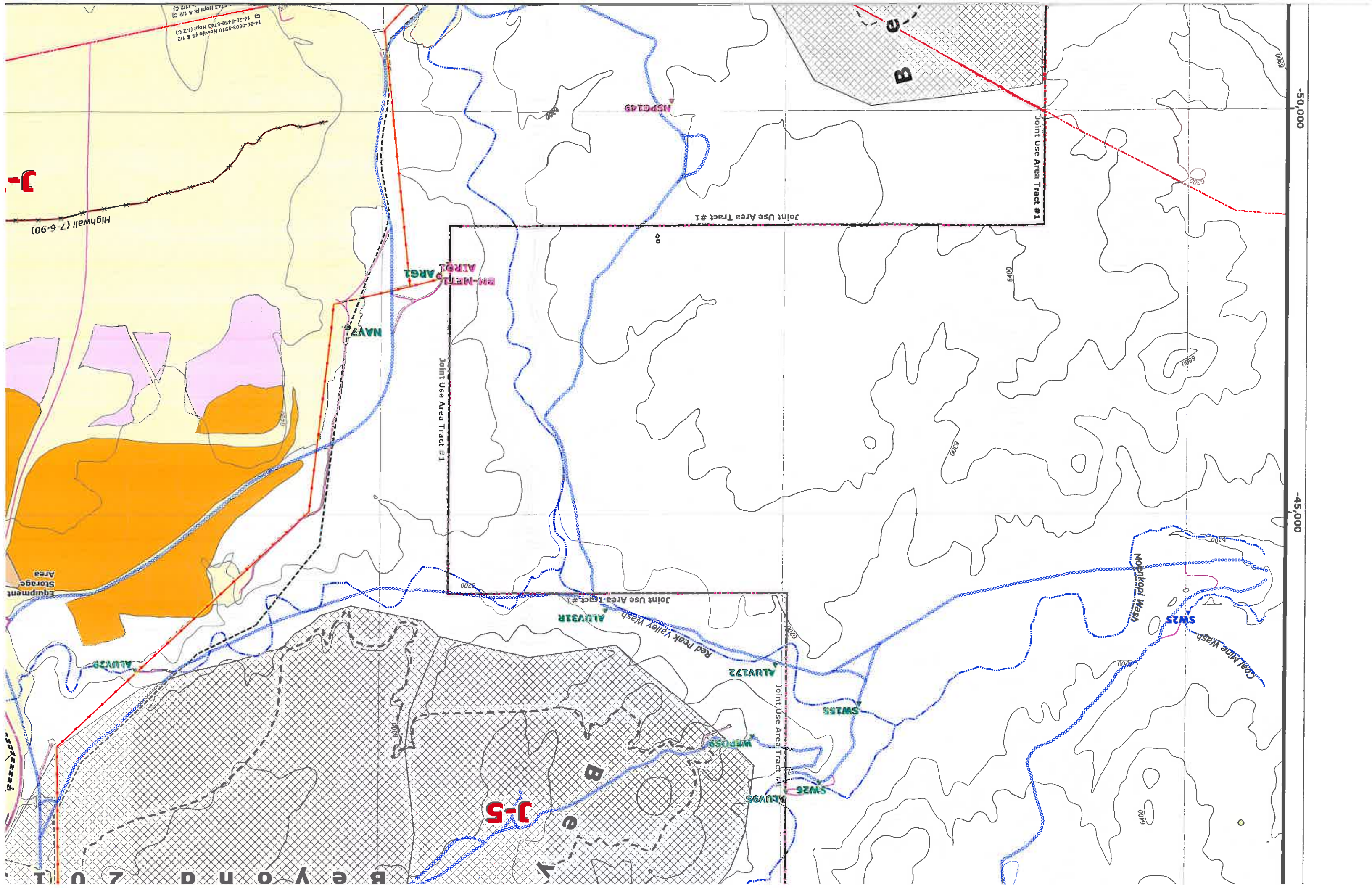
-30,000
-35,000
-40,000



B
e
y
o
n
d
J-14
2
0
1
3

J-6

Black Mesa F
38,000 Gallon
Black Mesa
Tank
BLACK
MESA
OPEN WATER T
BLACK
MESA PIPEL
COMPANY



-50,000

-45,000

Joint Use Area Tract #1

Joint Use Area Tract #1

Joint Use Area Tract #1

Joint Use Area Tract #1

Joint Use Area Tract #1

14-20-0503-9910 Navajo (S & T2)
14-20-0450-5743 Hopi (T12 C)

Highwall (7-6-90)

Equipment
Storage
Area

J-5

J-5

B

e

Y

B

e

SW25

Cal Miae Wash

Noenkopi Wash

SW26

SW25

ALV22

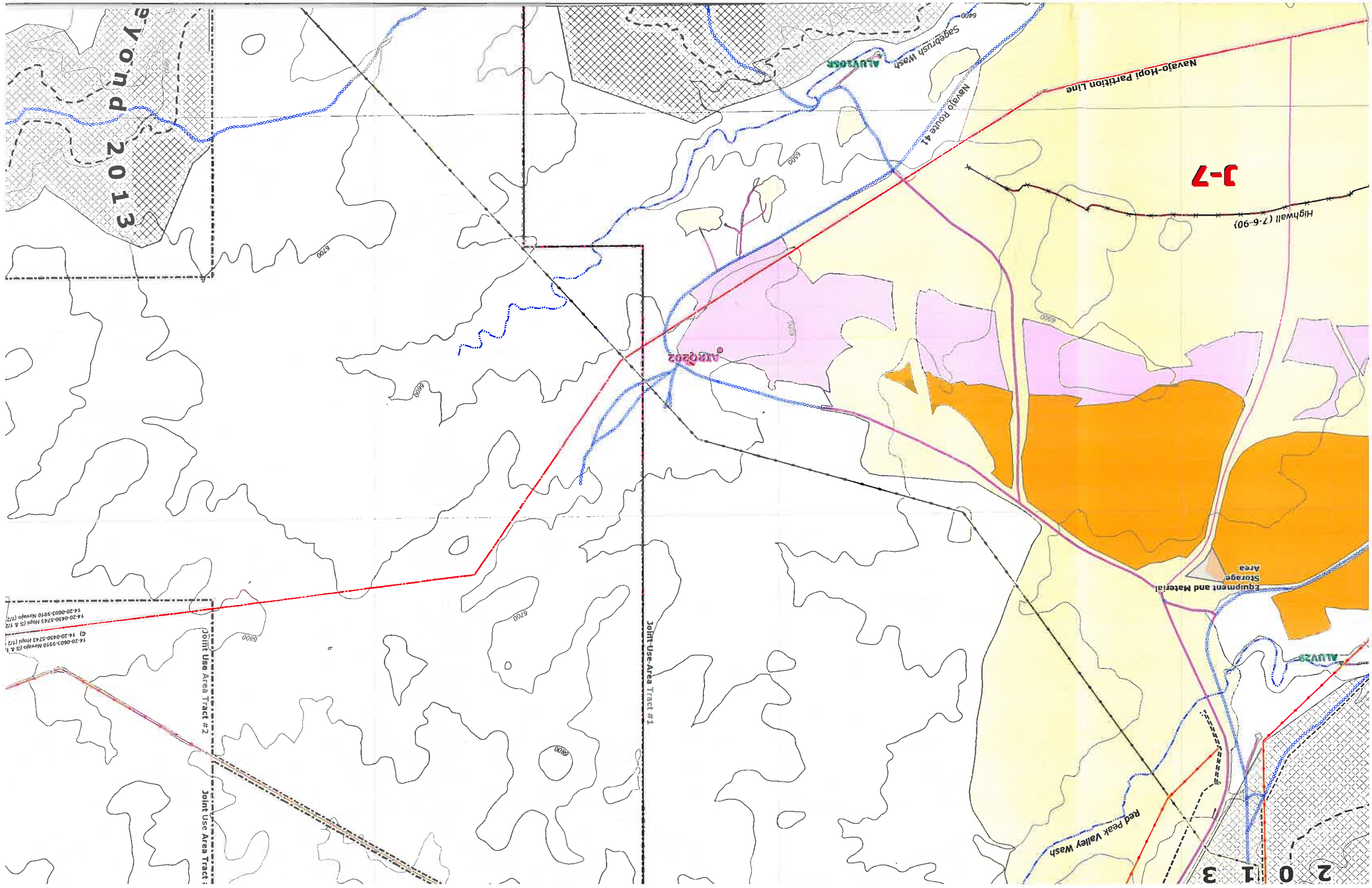
ALV31R

NAV7

BM-MET1
ARG1

NSP6149

B E Y O N D Z U I



BYOND
2013

J-7

Joint Use Area Tract #2

Joint Use Area Tract #3

Joint Use Area Tract #1

14-20-0603-9910 Navajo (S & T)
© 14-20-0450-5743 Hopi (T/2)
14-20-0450-5743 Hopi (S & T/2)
14-20-0603-9910 Navajo (T/2)

0 1 2 3

Red Peak Valley Wash

Equipment and Material Storage Area

ALV29

ALV105R

Navajo Route 41

Navajo-Hopi Partition Line

Highwall (7-6-90)

Sagebrush Wash

6700

6800

6700

6900

6500

6750

6500

6800

6400

-50,000

-45,000

J-23

BEYOND 2013

14-20-0450-5743 Hopi (S & 1/2 C)
14-20-0803-9910 Navajo (1/2 C)
14-20-0603-9910 Navajo (S & 1/2 C)
14-20-0450-5743 Hopi (1/2 C)

Joint Use Area Tract #2

Joint Use Area Tract #:

Joint Use Area Tract #1

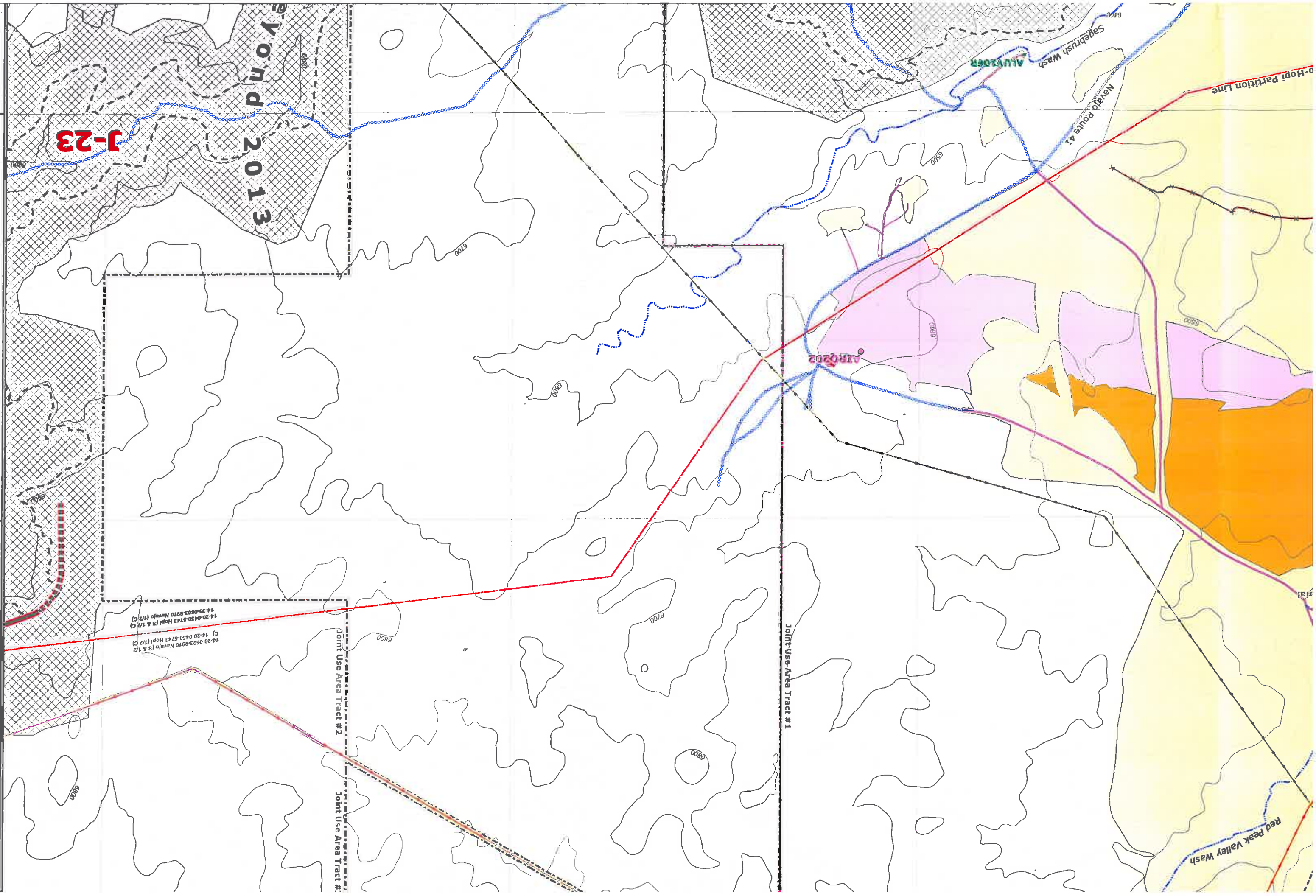
Arizon

ALVADOR

Navajo Route 41

Hopi Partition Line

Red Peak Valley Wash



ENGINEER'S CERTIFICATION

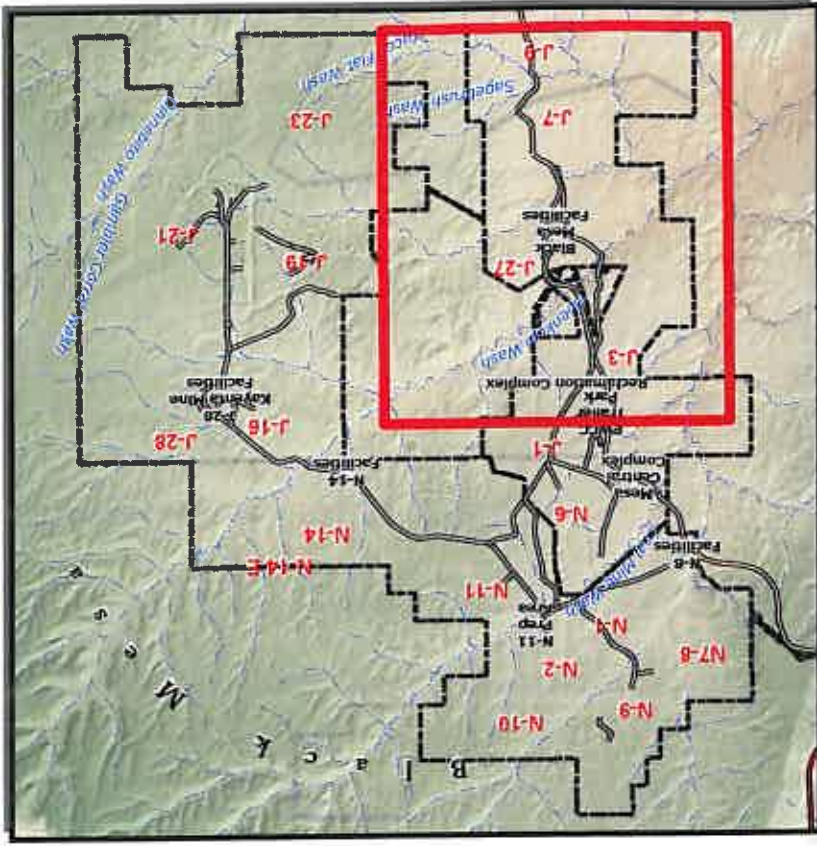


James G. Schlenvogt
Engineering Manager
Peabody Western Coal Company

James G. Schlenvogt
Date JUN 27 2008

CHK'D	DATE	DESCRIPTION
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
JGS	06-27-2008	LOM Mine Plan Update

MAP REVISIONS



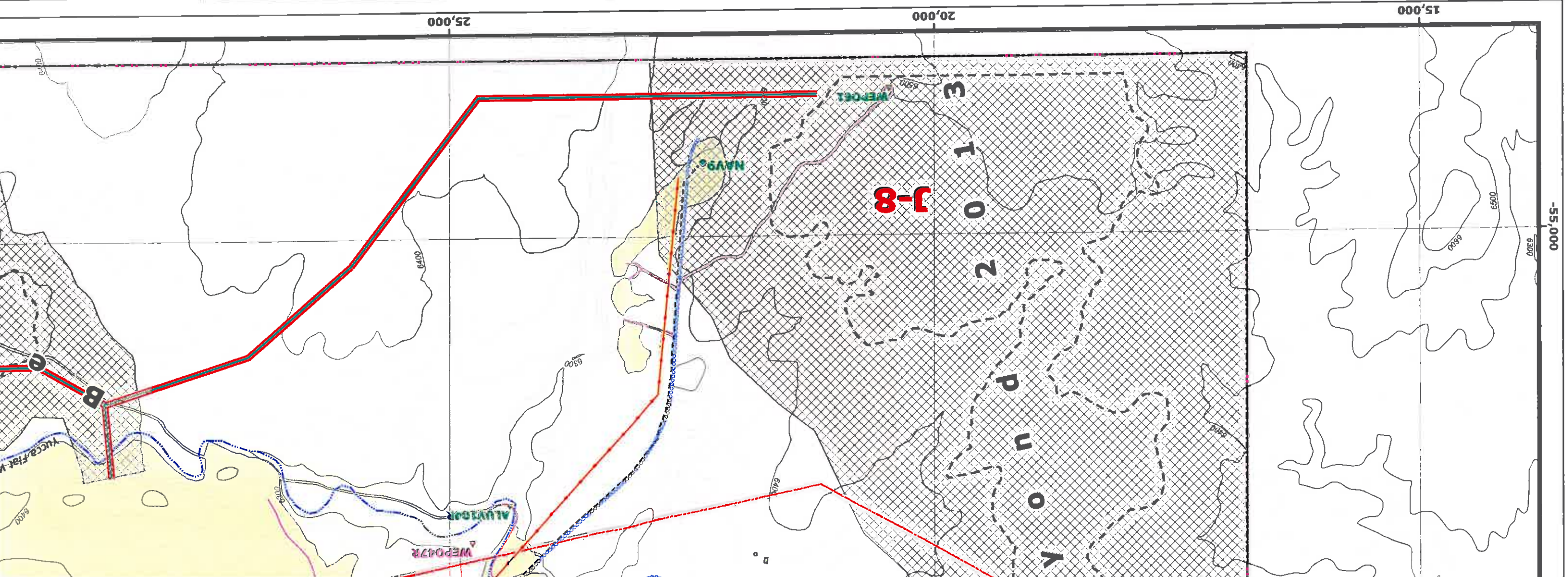
Notes:

A. This drawing identifies those areas boundary where various reclamation sit and the drawing indicates the orientation a and the boundaries of dragline strippln disturbance for the current five-year p

B. The permit reference index can be 25, Table 1. In addition, identification related sites may be found on the follo

C. Due to the extensive aerial extent, related small or narrow linear distun environmental monitoring sites, sedim stockpiles, utility lines, conveyors, roa include the disturbance created during redamation of these sites. For purpos approximate center or centerline of th

85210 Mine Plan Map
85352 Estimated PMT Ma
85400 Drainage Area and
85405 Sediment and Wat
85445 Mine Facilities Map
85460-85490 Environmental Mon
85600 & 93500 Bonding Map
89800





Notes:

A. This drawing identifies those areas within the AZ-00010 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:

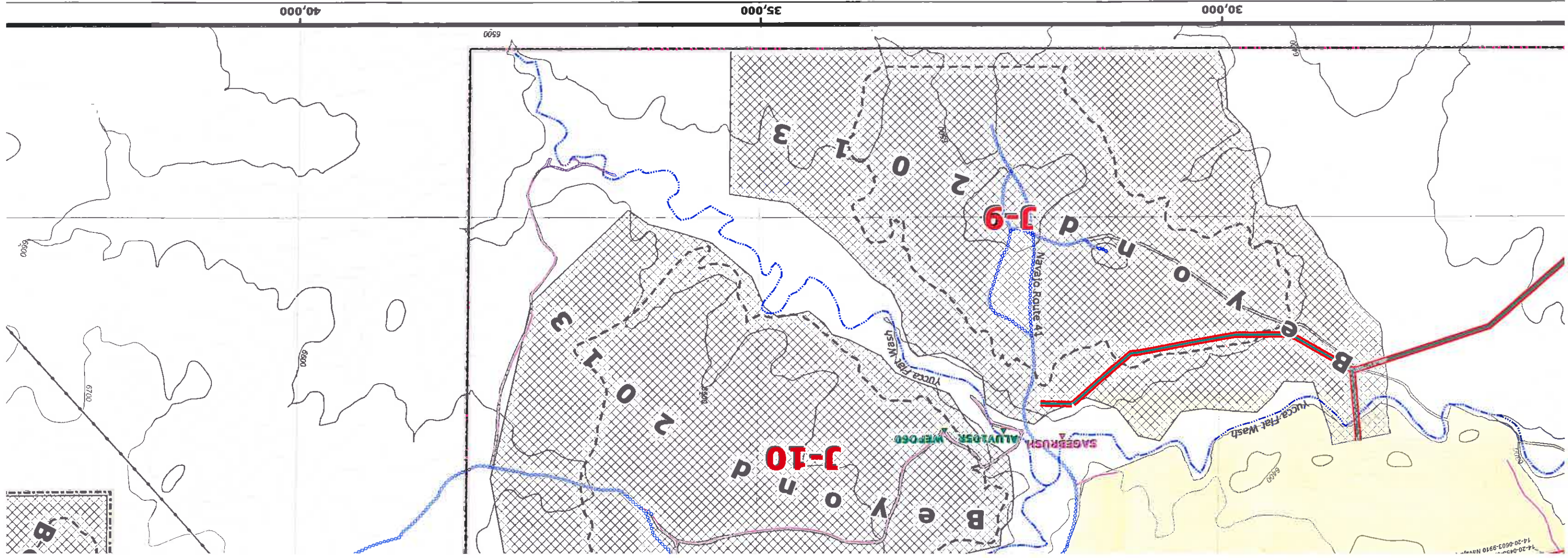
- 85210 Mine Plan Map
- 85352 Estimated PMT Map
- 85400 Drainage Area and Facilities Map
- 85405 Sediment and Water Control Structures Map
- 85445 Permanent Roads Map
- 85460-85490 Mine Facilities Map
- 85600 & 93500 Environmental Monitoring Maps
- 89800 Bonding Map

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.

- Mine Plan and Pit Data**
- Mine Plan Block (2009-2013)
 - Future Coal Removal Area (Beyond 2013)
 - Pit Advance Direction
 - Highwall (7/9/1990)
- Protected Areas**
- Protected Area
 - TCP Site
- Stockpiles and Scoria Pits**
- Topsoil Stockpile
 - Off Spoil
 - Coal Stockpile
 - Scoria Pit
 - Idled Coal Stockpile
- Minor EQ Sites**
- Permanent Permit 1D
 - Interim Permit 01
- Major EQ Sites**
- Permanent Permit 1D
 - Interim Permit 01

- Water Features**
- Existing Water Impoundment
 - Proposed Water Impoundment
 - PWCC Water Line
 - Navajo Water Well
 - Major Drainage
- Administrative Boundaries**
- 01 Permit Line
 - 1D Permit Line
 - Navajo-Hopi Partition Line
 - PWCC Lease Line
- Roads**
- PWCC Permit 01
 - PWCC Permit 1D
 - Primary
 - Ramp
 - Auxiliary
 - Non-Mining Road

- Coal Transport and Mine Facilities**
- PWCC
 - Non-PWCC
 - SAP/MSS Railroad
 - PWCC Conveyor
 - PWCC Buildings and Structures
 - Explosives Storage Facility
- Jurisdictional Permit and Affected Lands Categories**
- Termination of Jurisdiction (Interim release)
 - Pre-Law (before December 16, 1977)
 - Interim Program Only (12-16-77 through 2-1-82), Affected Lands
 - Interim Program Permit AZ-0001 (2-1-82 to Present), Affected Lands - Kayenta Mine
 - Permanent Permit AZ-0002A (12-28-84 to 7-6-90)
 - Permanent Permit AZ-0001D (Present to 12-31-2013 Affected Lands)
 - Beyond 2013
 - Dragline Stripping Area (line indicates orientation of pit only)
 - Overburden Removal other than Dragline
 - Defines Area in which Dragline Overburden Removal is Restricted for the Purpose of Recovering Coal

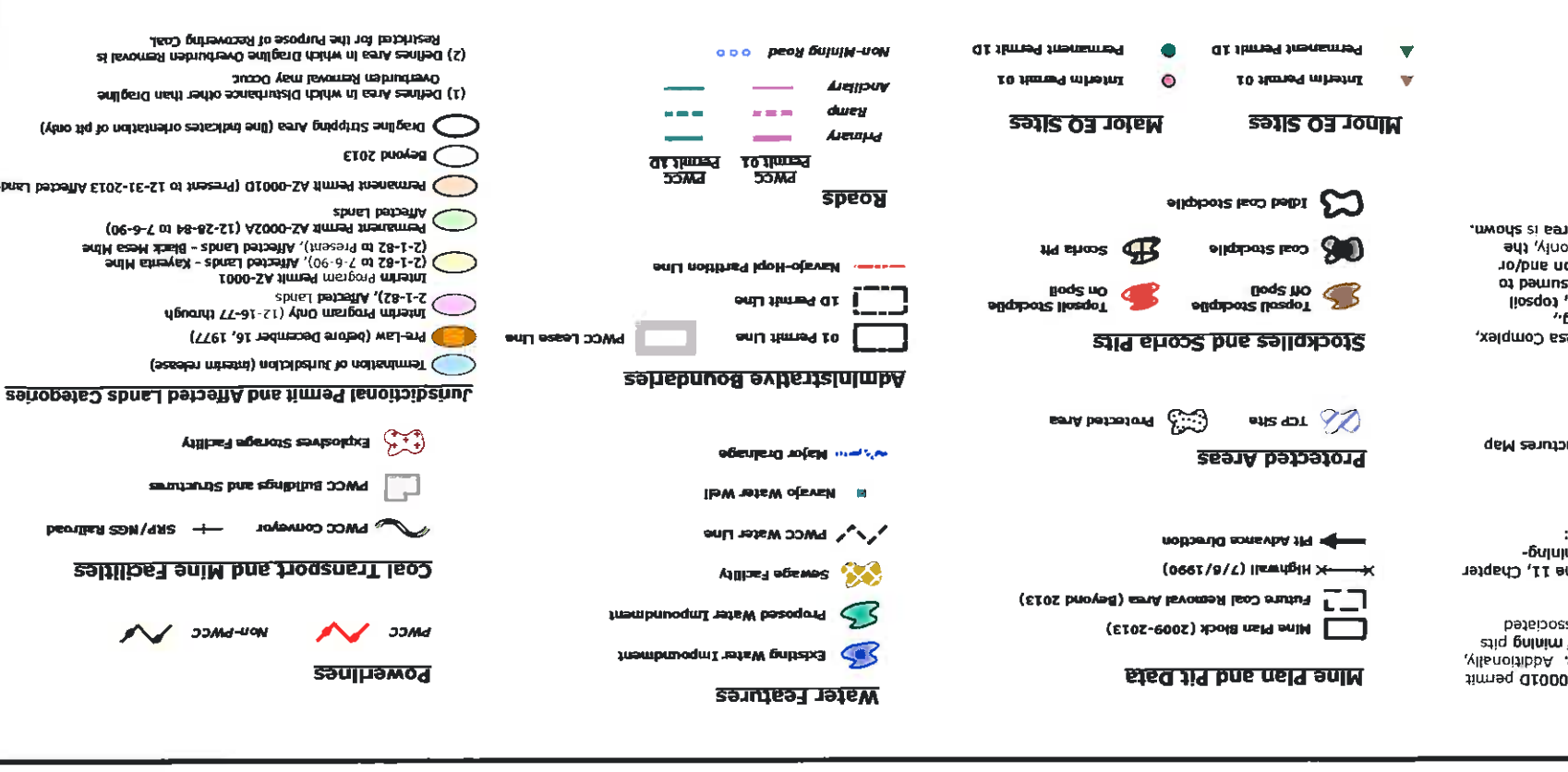
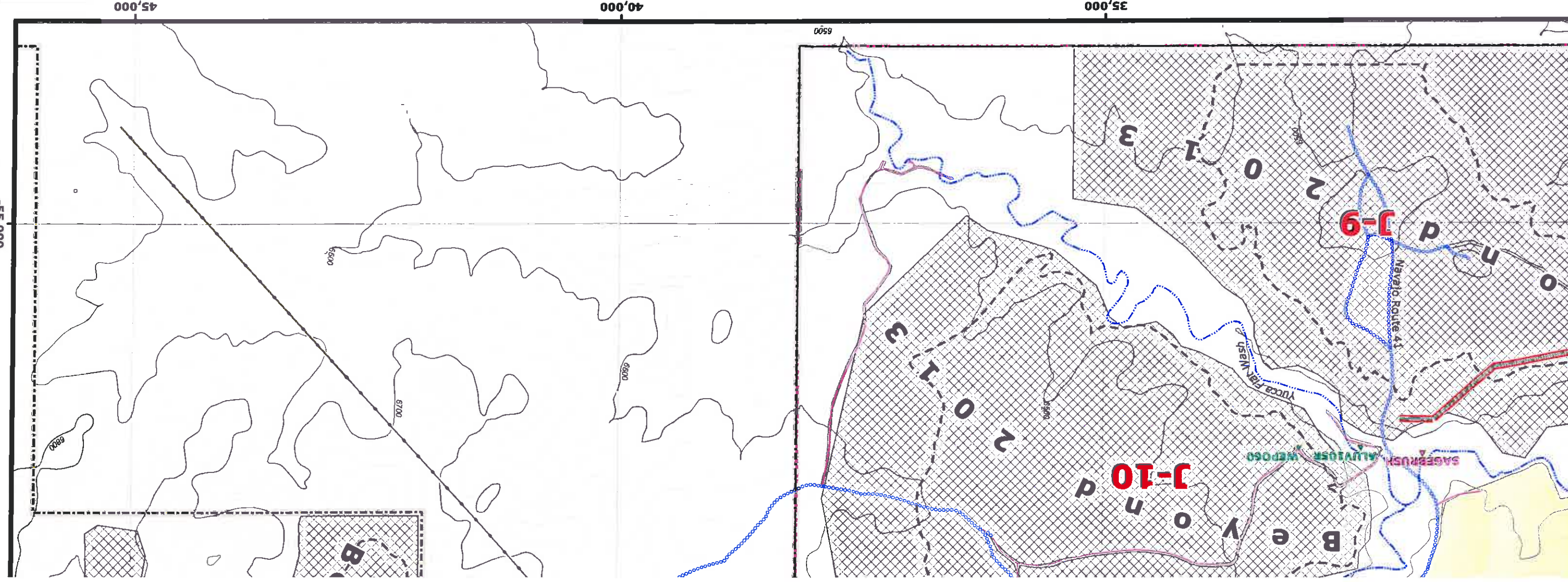


Jurisdictional Affected La Drawing # Southwes

Produced by PWCC
Jun 27, 2008

1 Inch = 1000 Feet
20 foot Interval
Indexes at 100 Feet





Jurisdictional Permit and Affected Lands Map

Drawing #85360

Southwest Sheet

Produced by PWCC GIS
 Jun 27, 2008
 T:\Projects\JPM 85360\Maps\JPM 1000.mxd

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



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

Map Produced by Geopentech Enterprises