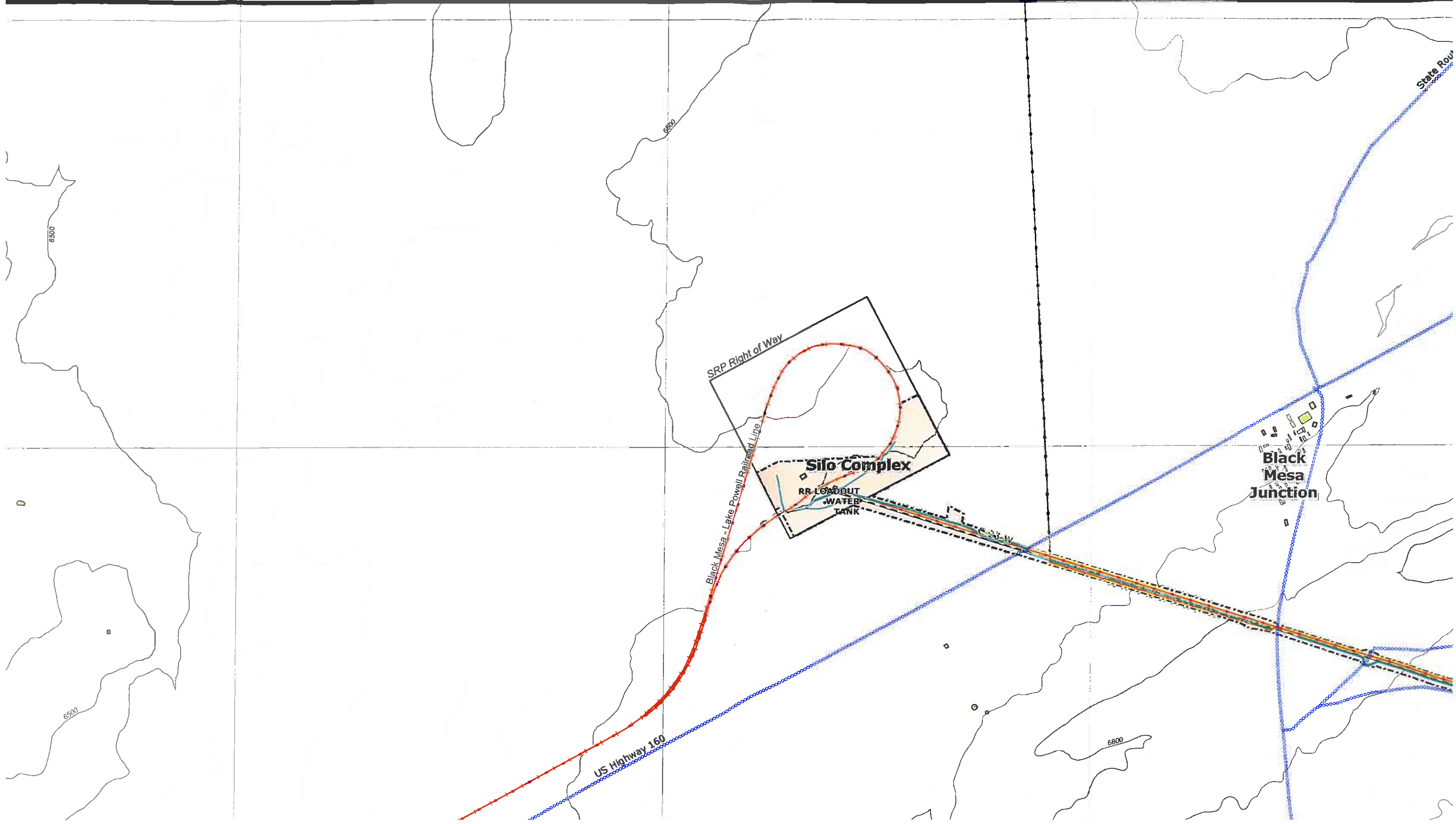


-15,000

-10,000

-5,000



SRP Right of Way

Silo Complex

RR LOADOUT
WATER
TANK

Black Mesa - Lake Powell Railroad Line

US Highway 160

Black
Mesa
Junction

State Route

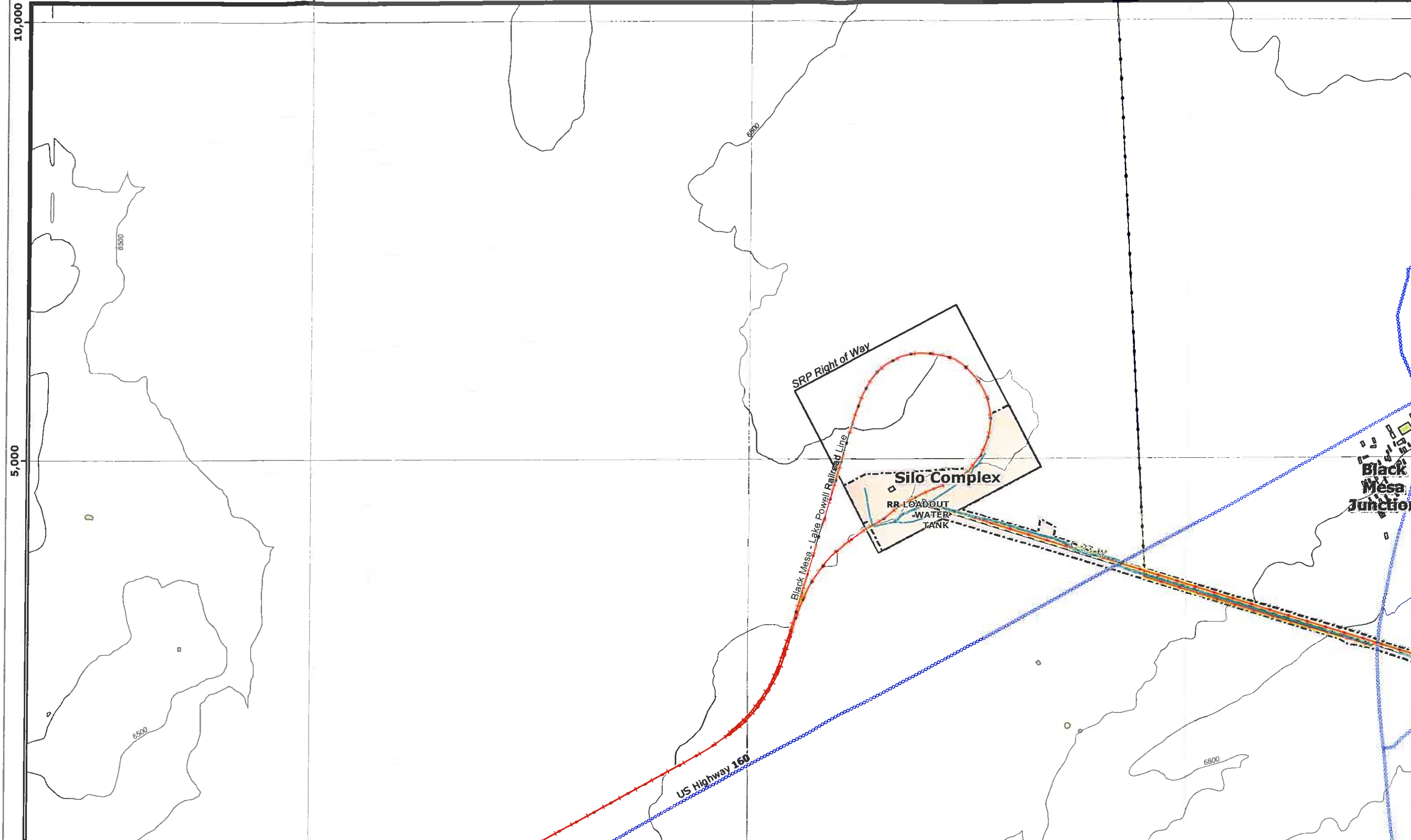
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6900

6500

6800

10,000 -15,000 -10,000 -5,000



Black
Mesa
Junction

SRP Right of Way

Silo Complex

RR LOADOUT
WATER
TANK

Black Mesa - Lake Powell Railroad Line

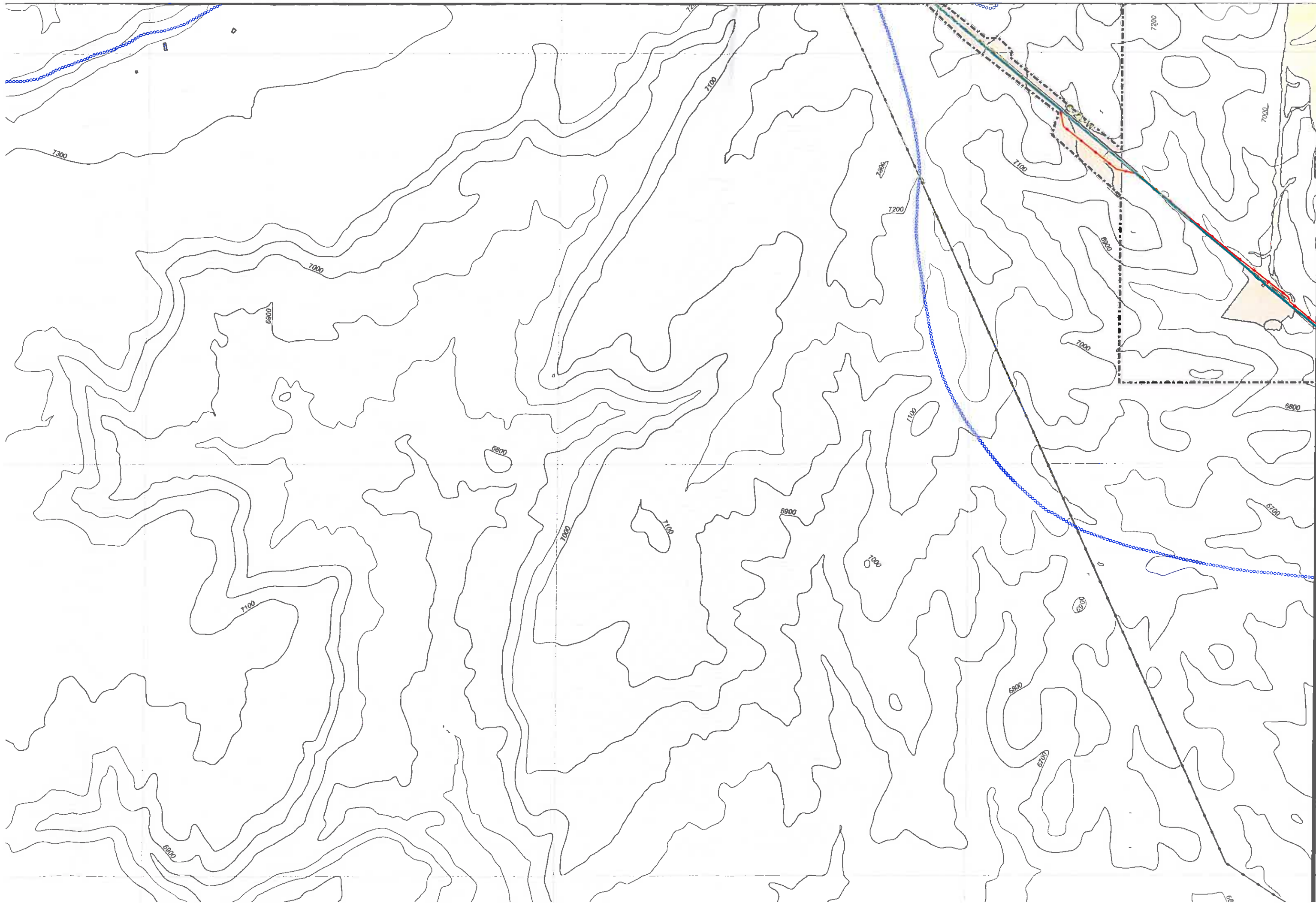
US Highway 160

6500

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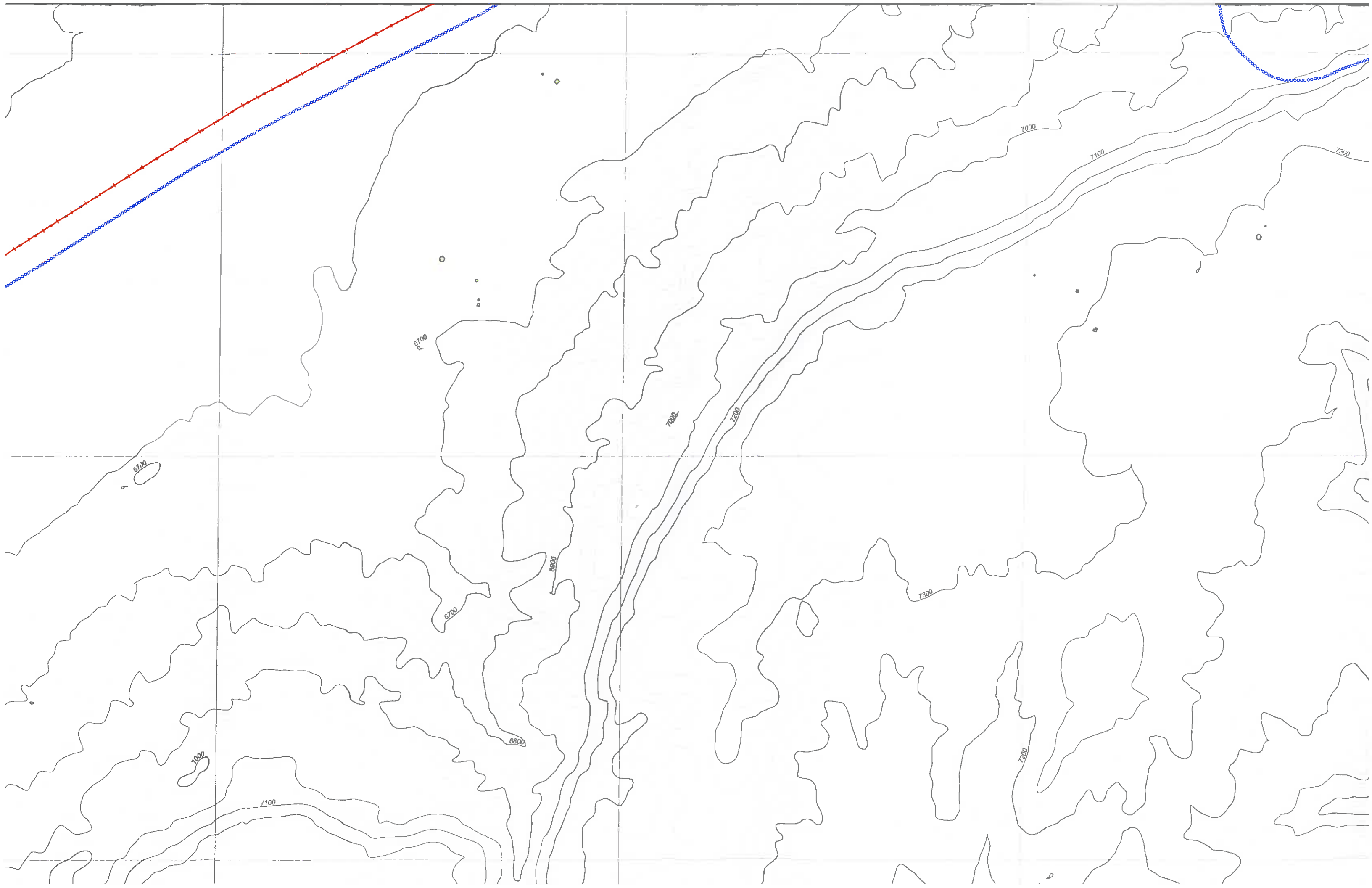
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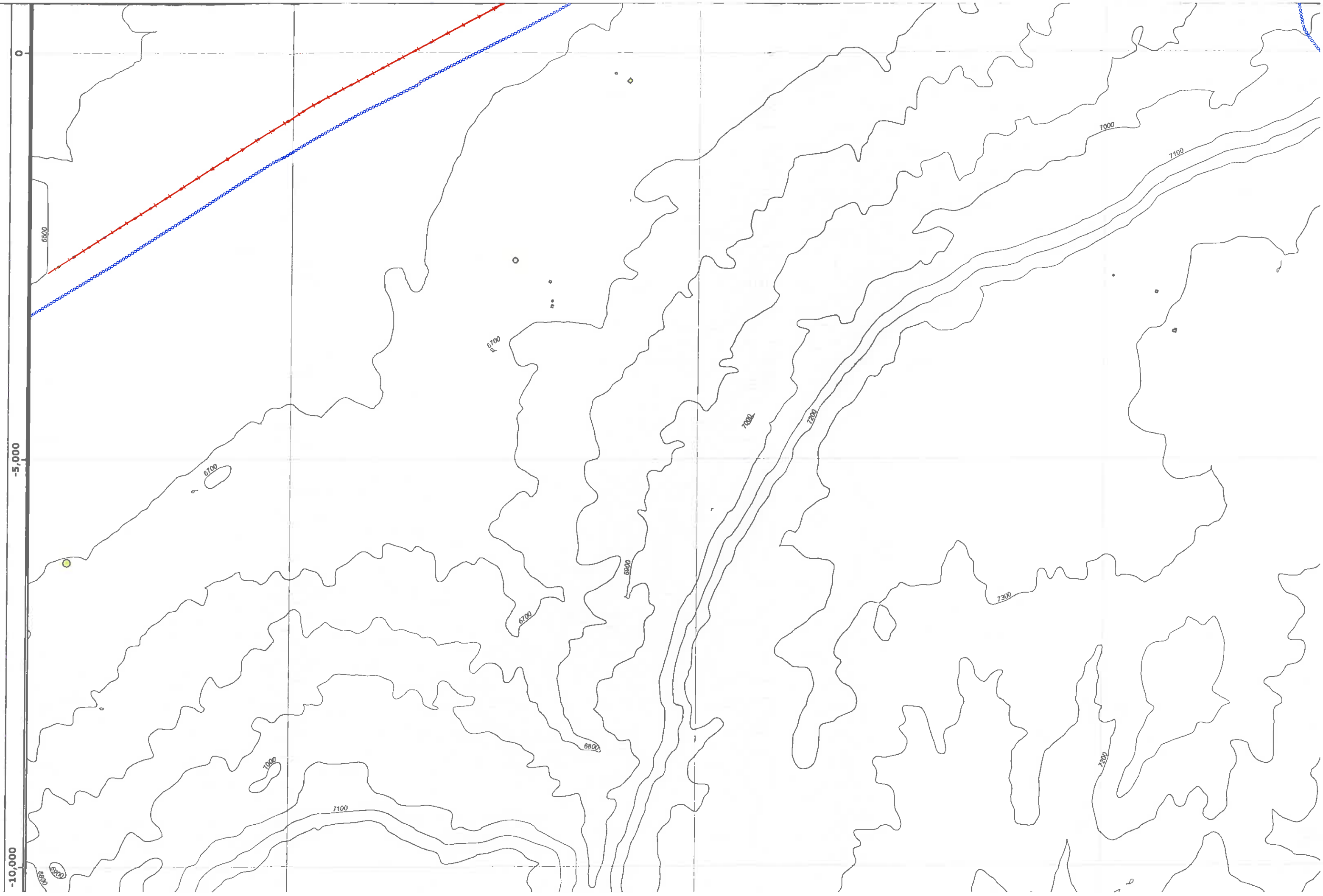
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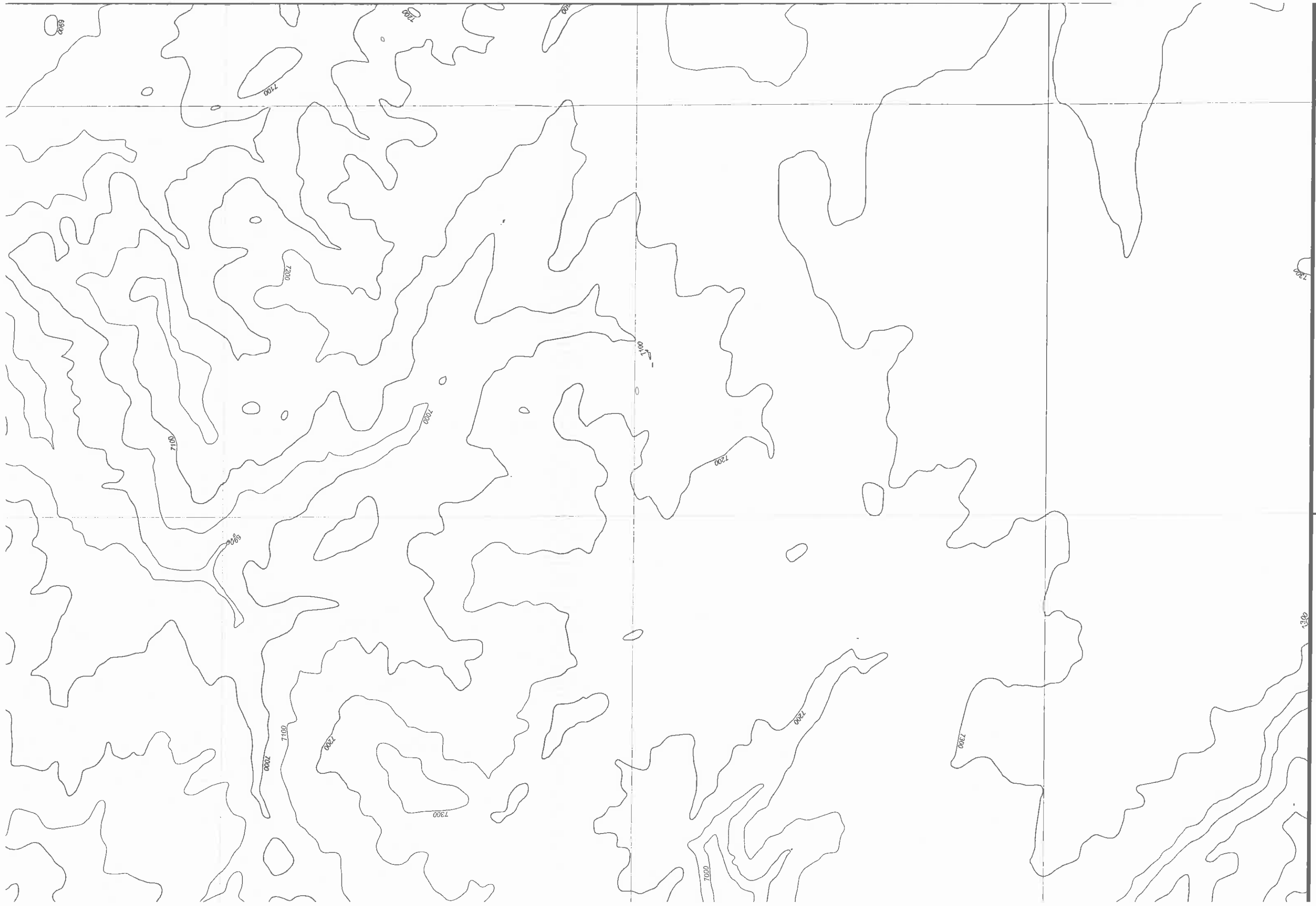


-5,000

-10,000

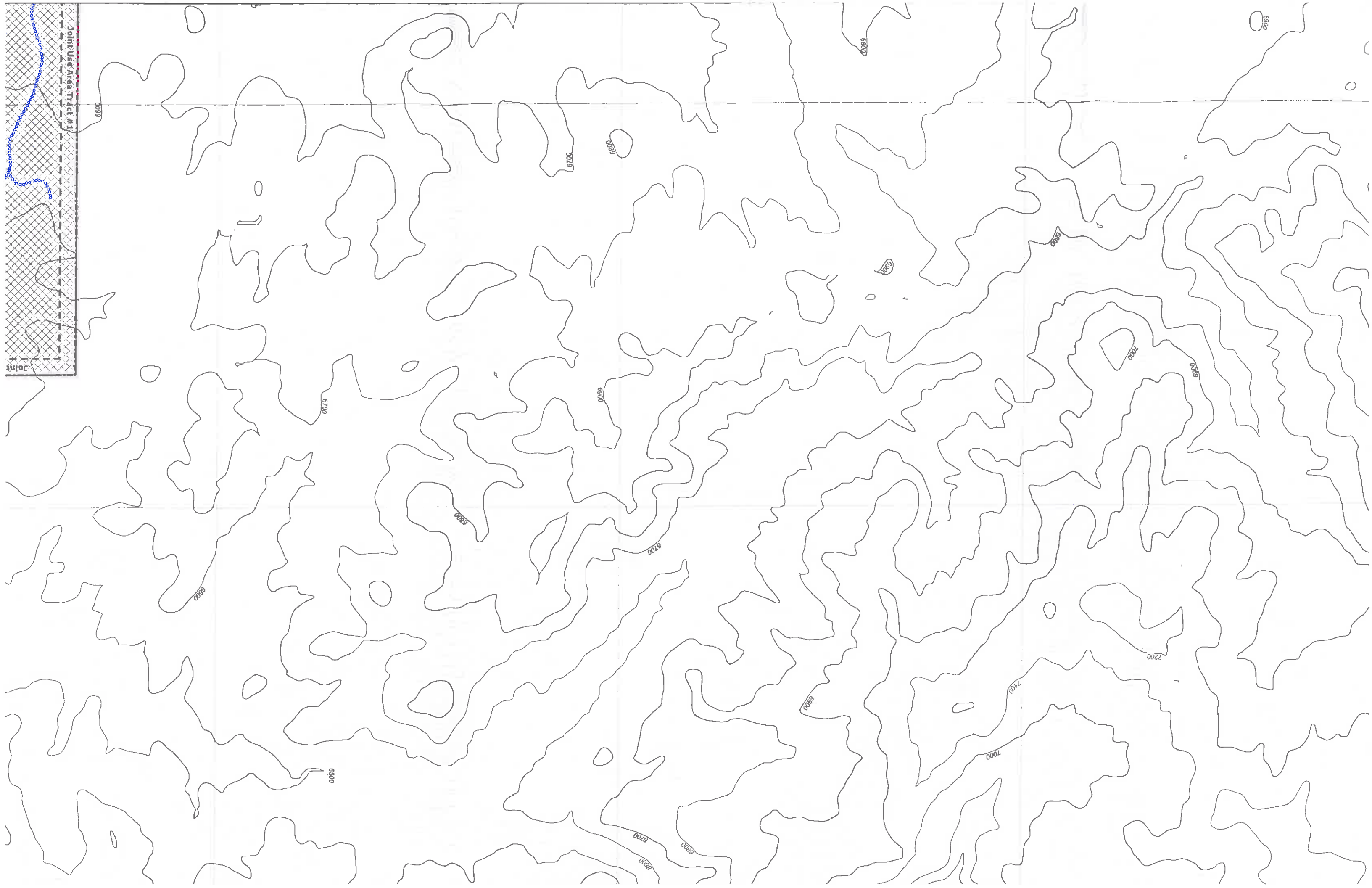






-20,000

-15,000



Joint Use Area Tract #1

0899

0079

0068

6807

6802

6800

6800

7000

0068

6700

6900

6800

6700

6800

7200

6900

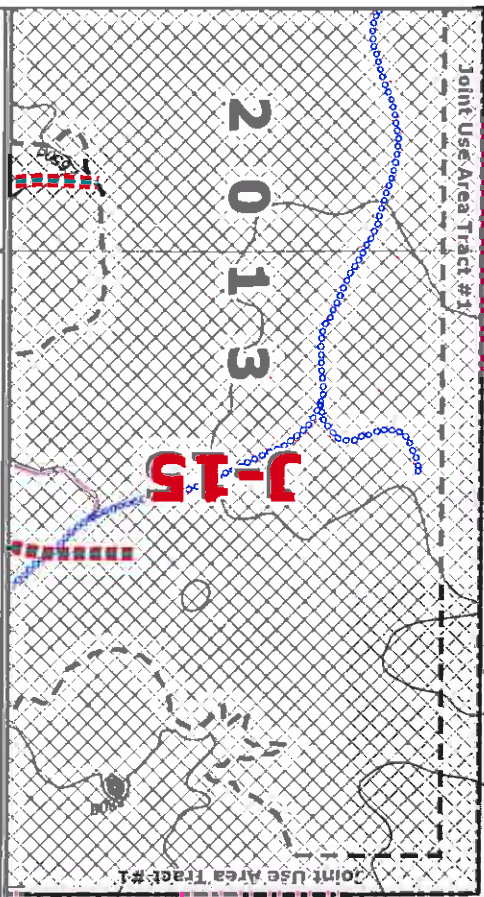
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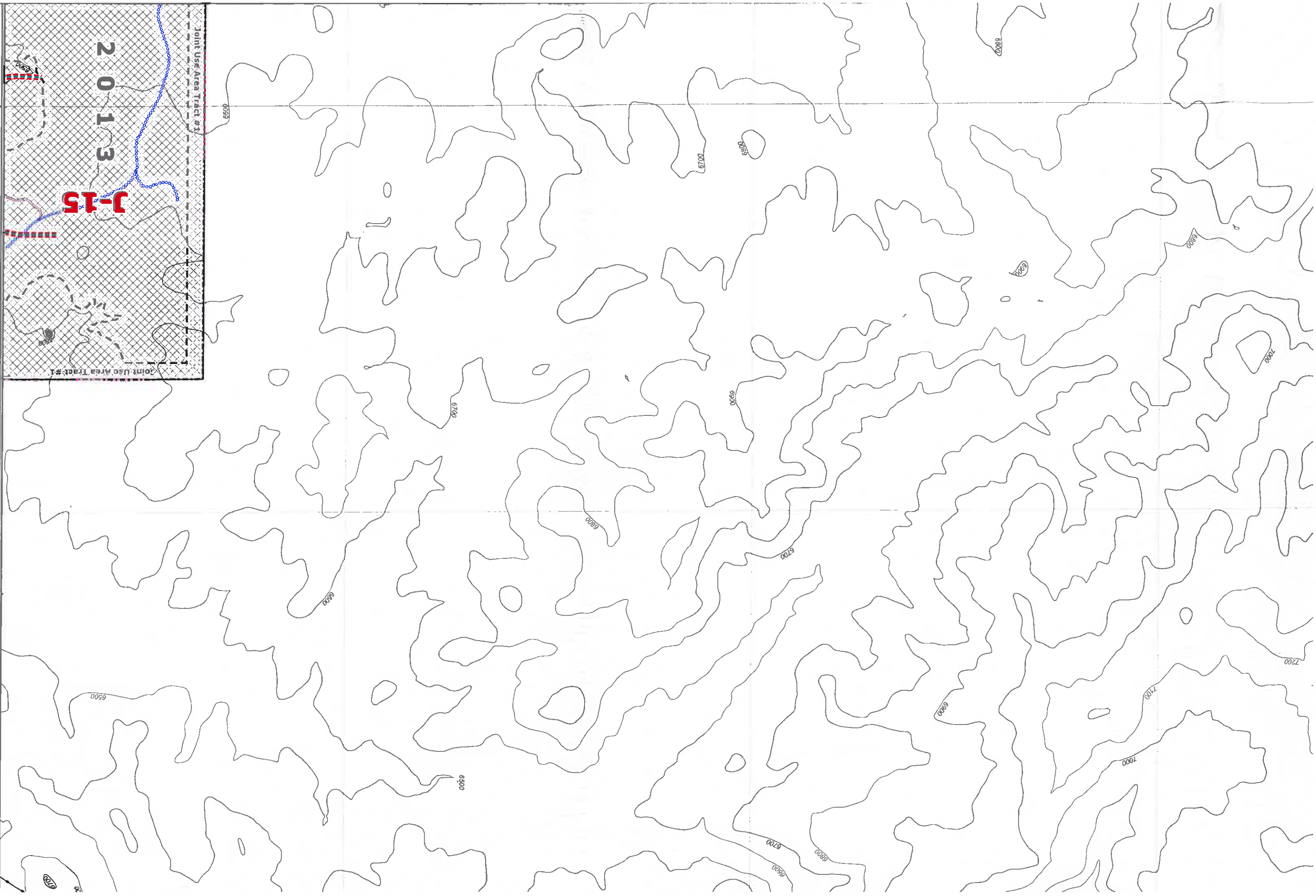
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6800



-20,000

-15,000



ENGINEER'S CERTIFICATION

Engineering Manager
Peabody Western Coal Company

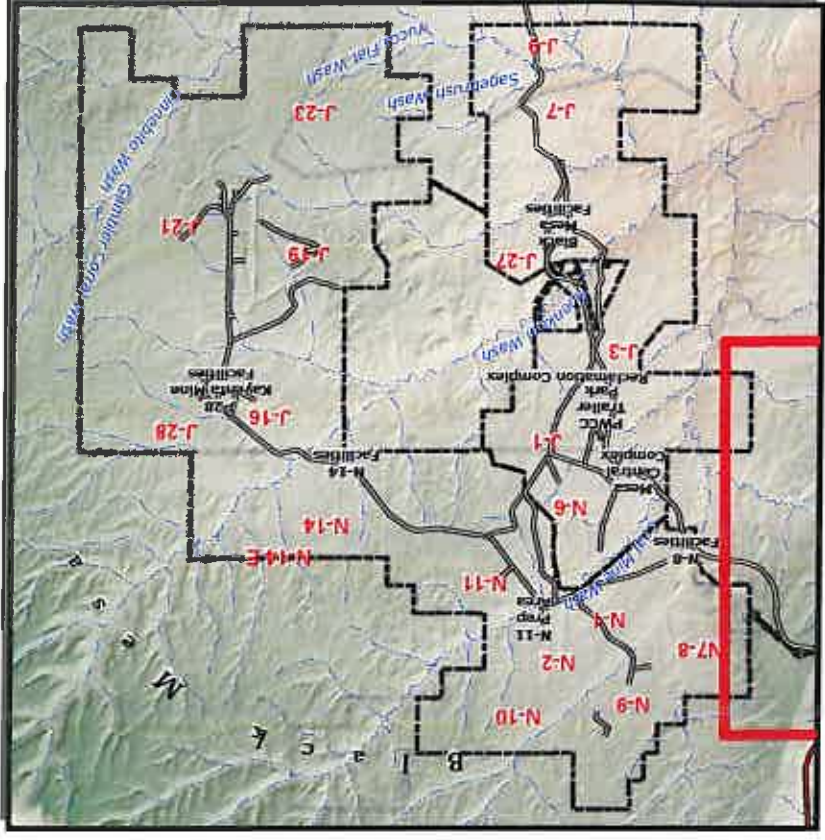
James G. Schlenvogt




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

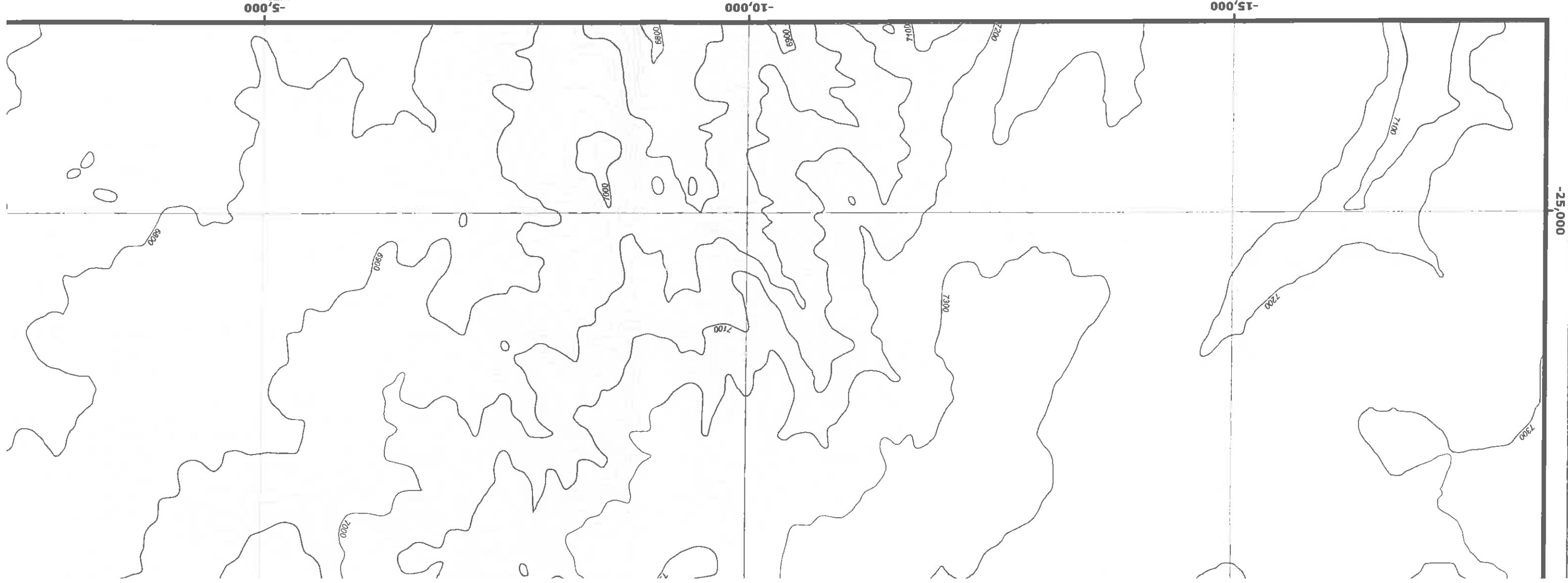
MAP REVISIONS



Notes:

- This drawing identifies those areas in boundary where various reclamation status drawing indicates the orientation and the boundaries of dragline stripping and disturbance for the current five-year period.
- The permit reference index can be found in Table 1. In addition, identification related sites may be found on the following:
- Due to the extensive aerial extent of relatively small or narrow linear disturbances, environmental monitoring sites, sediment traps, utility lines, conveyors, road stockpiles, and other features, the reclamation of these sites, for purposes of approximate center or centerline of the

85210 Mine Plan Map
85352 Estimated PRT Map
85400 Drainage Area and
85405 Sediment and Waste
85445 Permanent Roads Map
85460-85490 Mine Facilities Map
85600 Environmental Monitoring
89800 Bonding Map



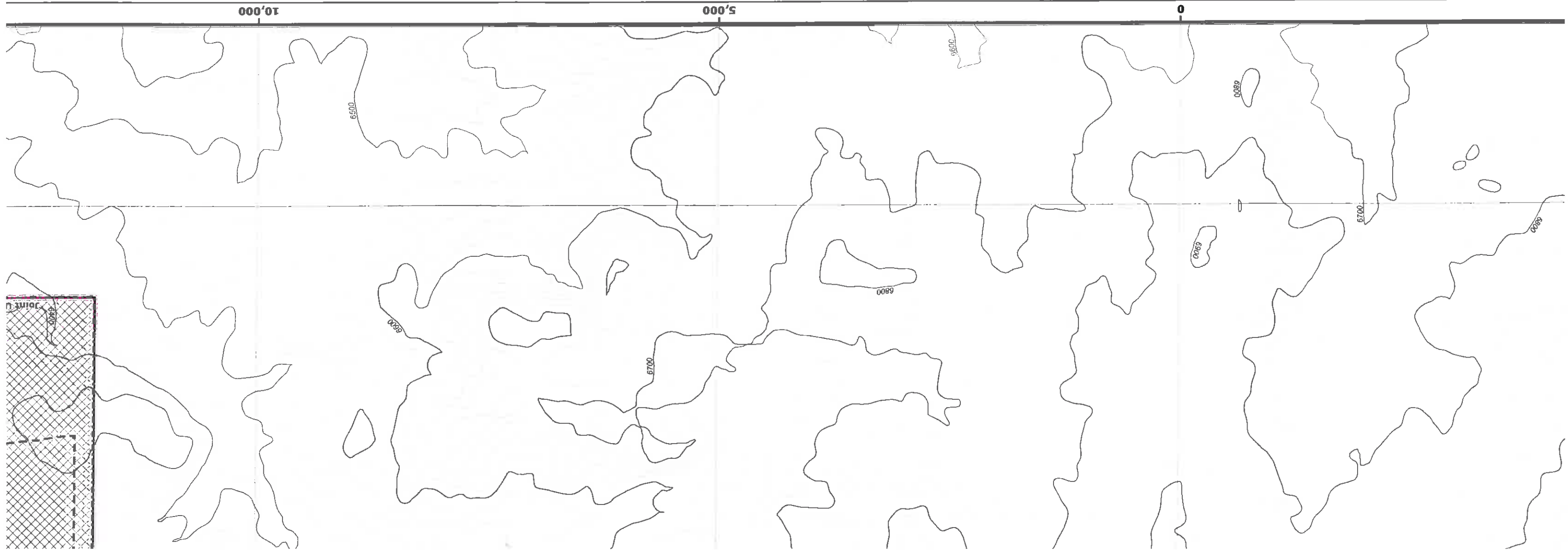
Jurisdictional Permit Affected Lands Map

Drawing #85360 Silo/J15 Sheet

Produced by PWCC GIS
Jun 26, 2008
T:\projects\JPM 85360\Maps\JPM 1000.mxd

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

Black | M | PE | Kayer



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
- 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
- ▭ Future Coal Removal Area
- ← Pit Advance Direction
- ⊗ Highway (7/6/1990)

Protected Areas

- ⊗ TCP Site
- ⊗ Protected Area

Stockpiles and Scorita Pits

- ⊗ Topsoil Stockpile
- ⊗ On Spoil
- ⊗ Scorita Pit
- ⊗ Idled Coal Stockpile
- ⊗ Coal Stockpile

Major EQ Sites

- ▲ Permanent Permit 1D
- Permanent Permit 01
- ▼ Interim Permit 01
- Interim Permit 1D

Water Features

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

Powerlines

- ⊗ PWCC
- ⊗ Non-PWCC

Coal Transport and Mine Facilities

- ⊗ PWCC Conveyor
- ⊗ SRP/MGS Railroad
- ⊗ 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 - Black Mesa Mine
- ⊗ Permanent Permit AZ-0002A (12-28-84 to 7-6-90) Affected Lands
- ⊗ 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
- ⊗ Overburden Removal may Occur
- ⊗ Disturbed Area in which Dragline Overburden Removal is Restricted for the Purpose of Recovering Coal

Administrative Boundaries

- ⊗ 01 Permit Line
- ⊗ 1D Permit Line
- ⊗ PWCC Lease Line
- ⊗ Navajo-Hopi Partition Line

Roads

- ⊗ PWCC Permit 1D
- ⊗ PWCC Permit 01
- ⊗ Primary Ramp
- ⊗ Auxiliary Ramp
- ⊗ Non-Mining Road

Jurisdictional Permit and Affected Lands Map

Drawing #85360

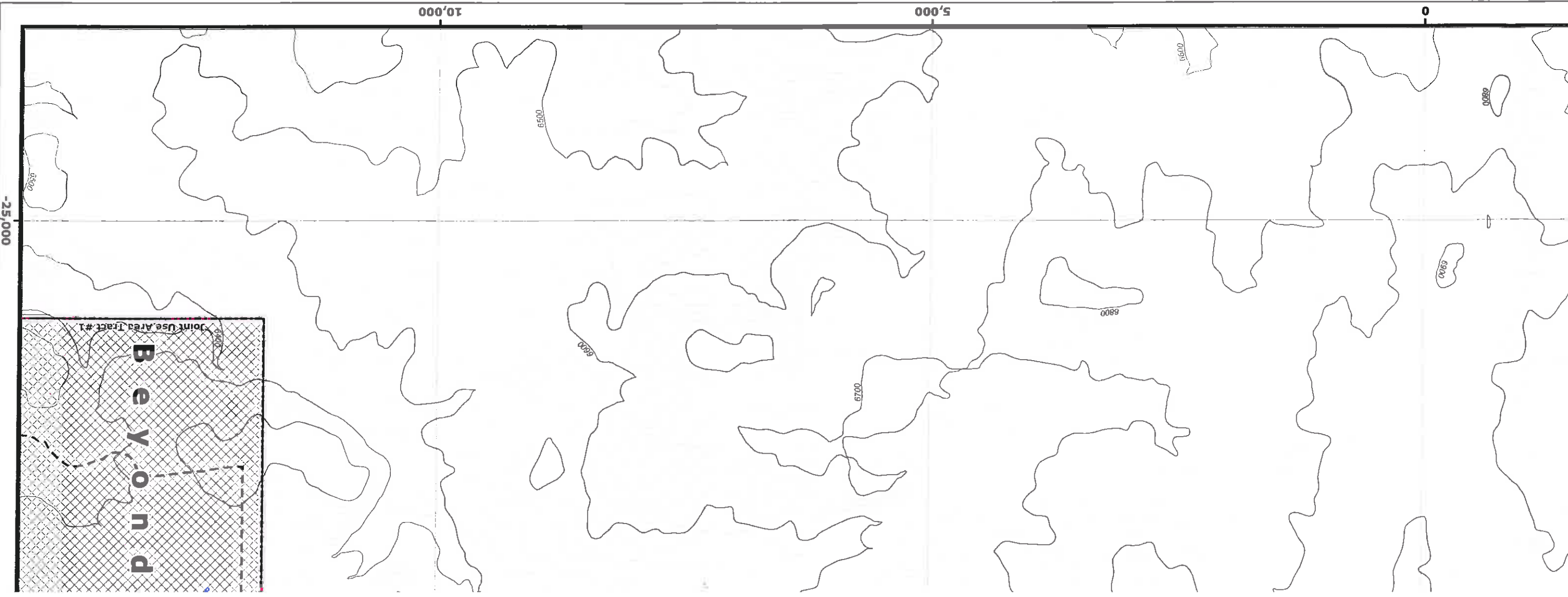
Silo/J15 Sheet

Produced by PWCC GIS
 Jun 26, 2008
 T:\Projects\JPM 85360\Maps\JPM 1000.mxd

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

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

Map Detail by Topographic Features



Water Features

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

Mine Plan and Pit Data

- Mine Plan Block
- Future Coal Removal Area
- X Highway (7/6/1990)
- Pit Advance Direction

Protected Areas

- Protected Area
- TCP Site

Stockpiles and Scorita Pits

- Topsoil Stockpile
- On Spoil
- Coal Stockpile
- Scorita Pit
- Idle Coal Stockpile

Minor EQ Sites

- Interim Permit 01
- Permanent Permit 1D

Major EQ Sites

- Interim Permit 01
- Permanent Permit 1D

Administrative Boundaries

- 01 Permit Line
- 1D Permit Line
- PWCC Lease Line
- Navajo-Hopi Partition Line

Roads

- PWCC Permit 01
- PWCC Permit 1D
- Primary
- Ramp
- Auxiliary
- Non-Mining Road

Powerlines

- PWCC
- Non-PWCC

Coal Transport and Mine Facilities

- SRP/NGS Railroad
- PWCC Conveyor
- PWCC Buildings and Structures
- Explosives Storage Facility

Jurisdictional Permit and Affected Lands Categories

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- Dragline Stripping Area (line indicates orientation of pit only)
- Defines Area in which Dragline Overburden Removal is Restricted for the Purpose of Recovering Coal
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