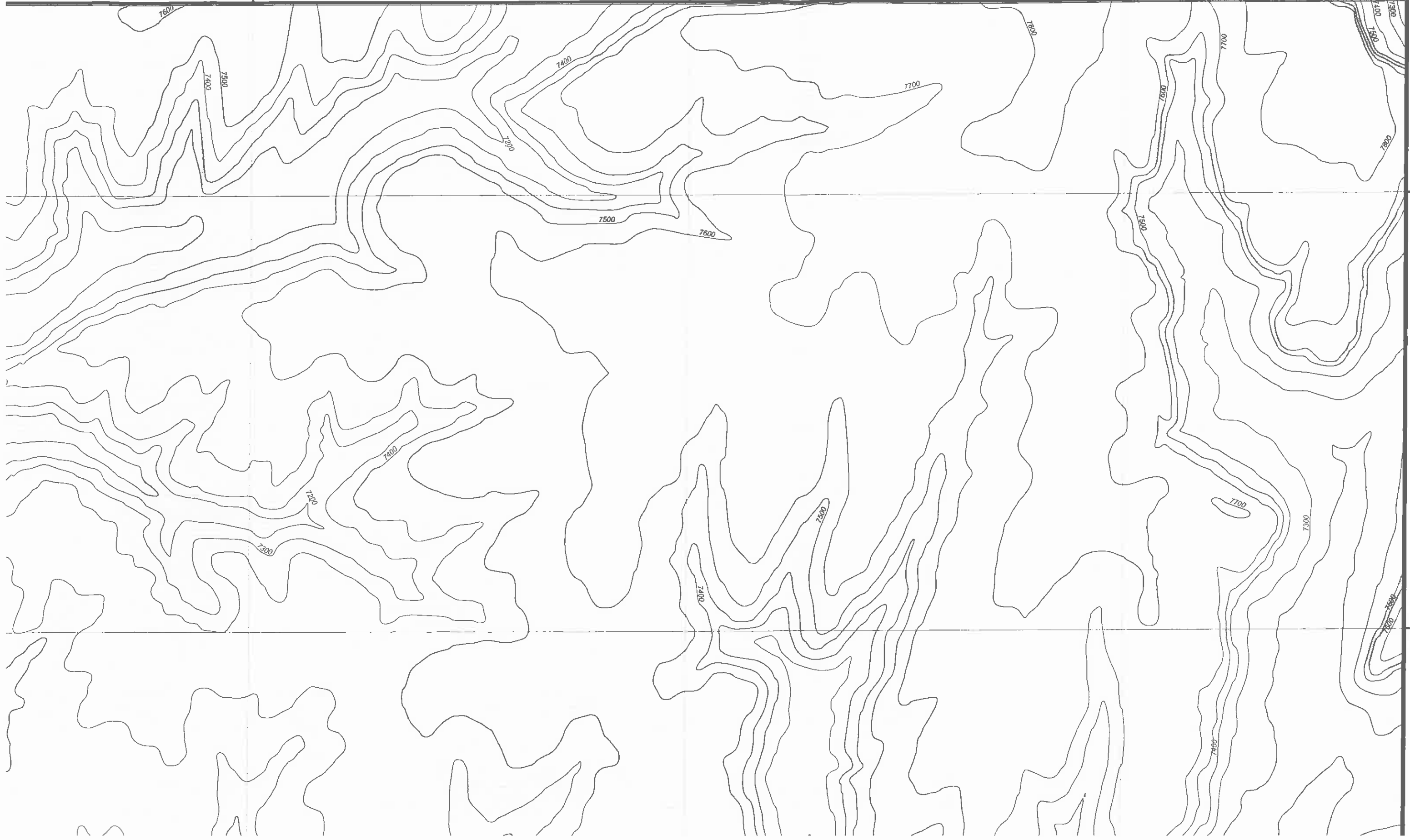


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70,000

75,000



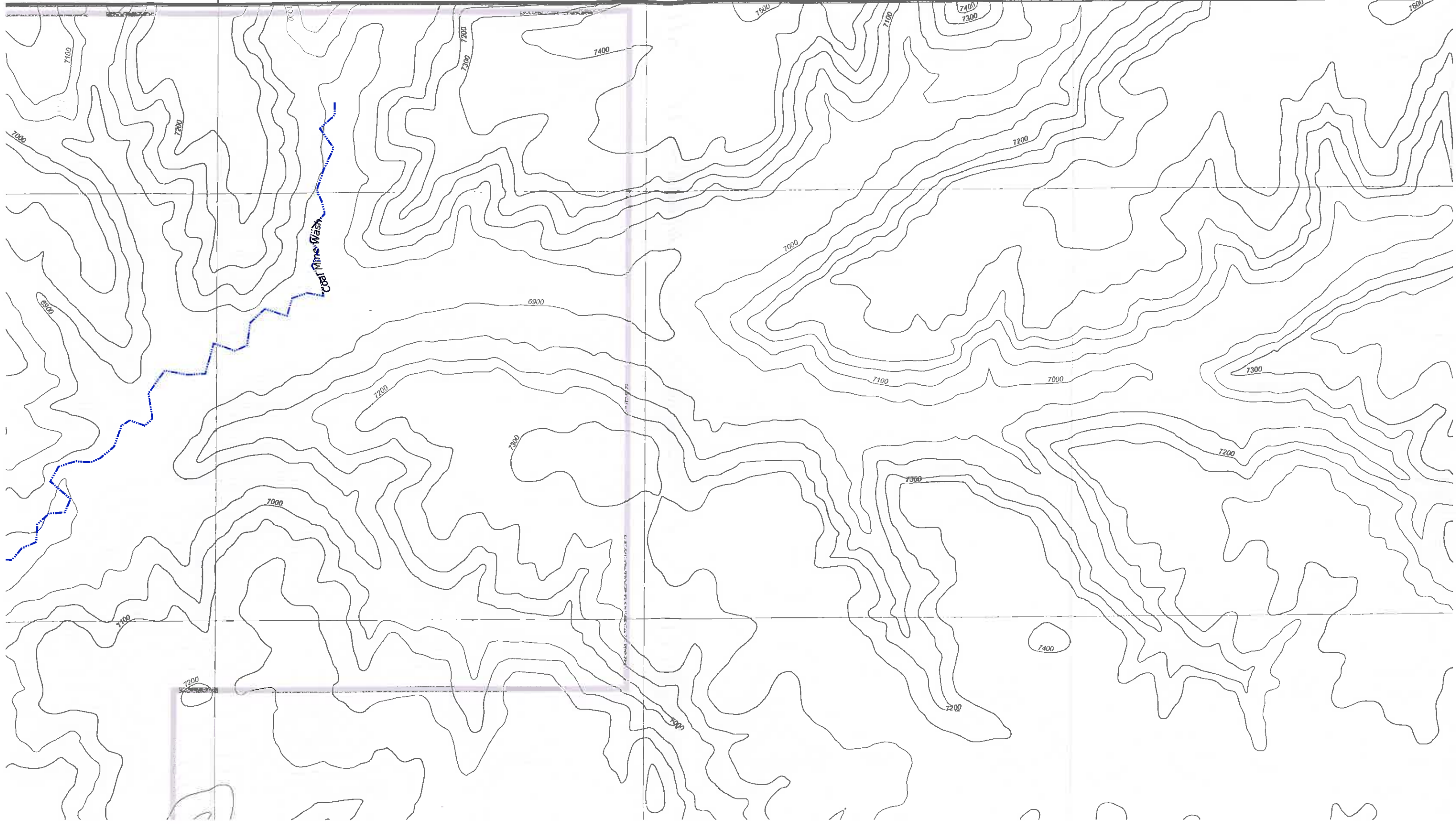
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10,000

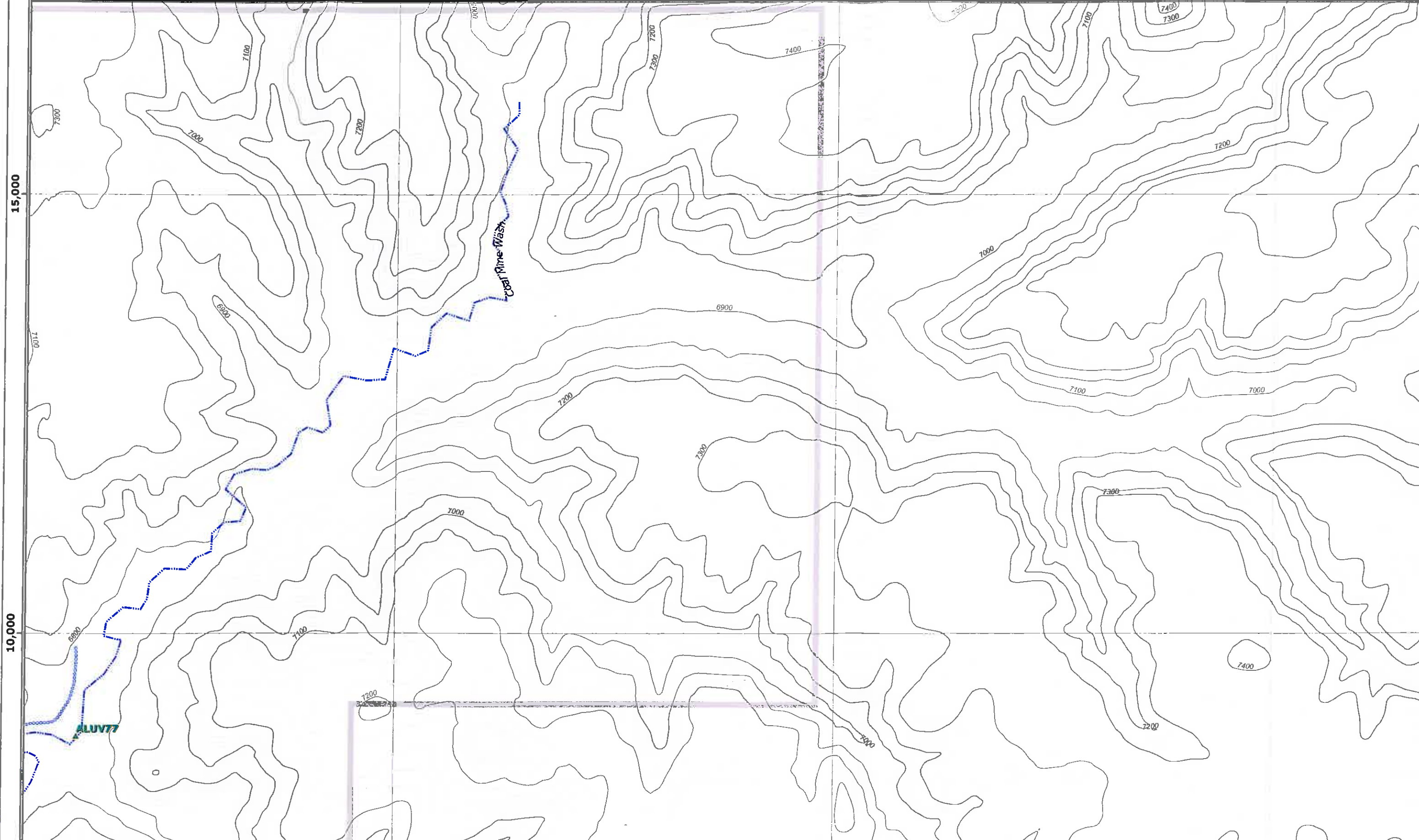
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55,000

60,000



50,000 55,000 60,000

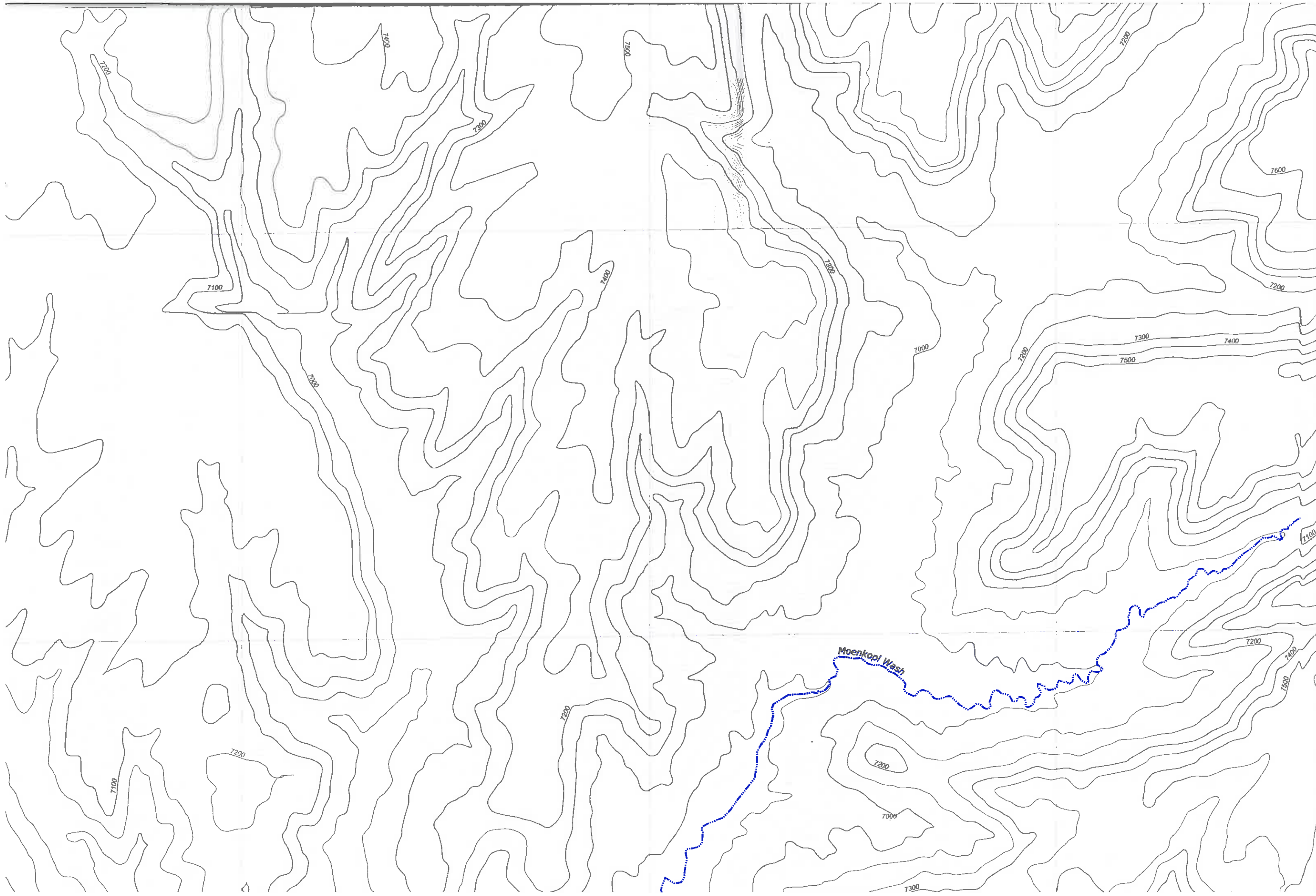


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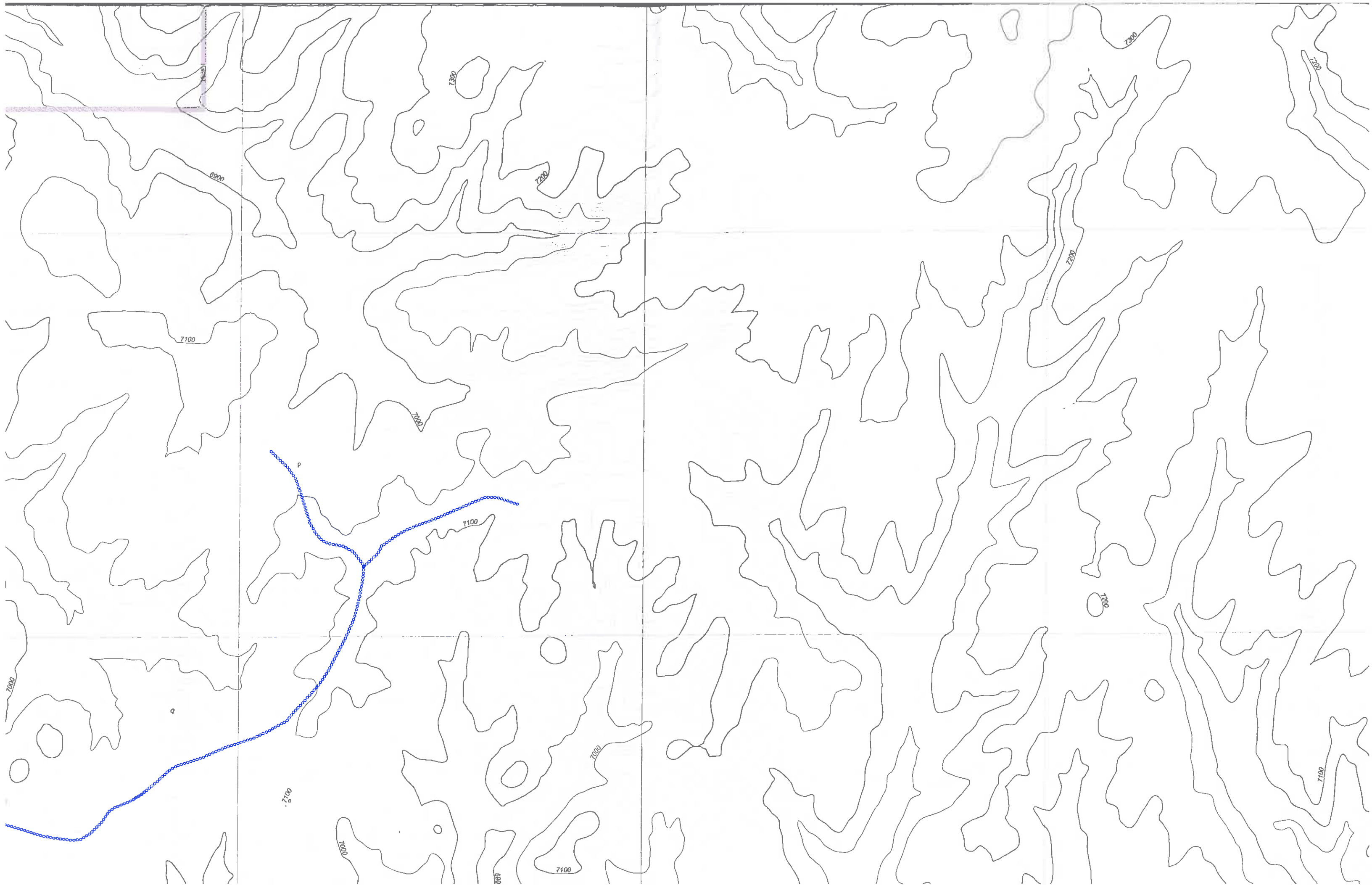
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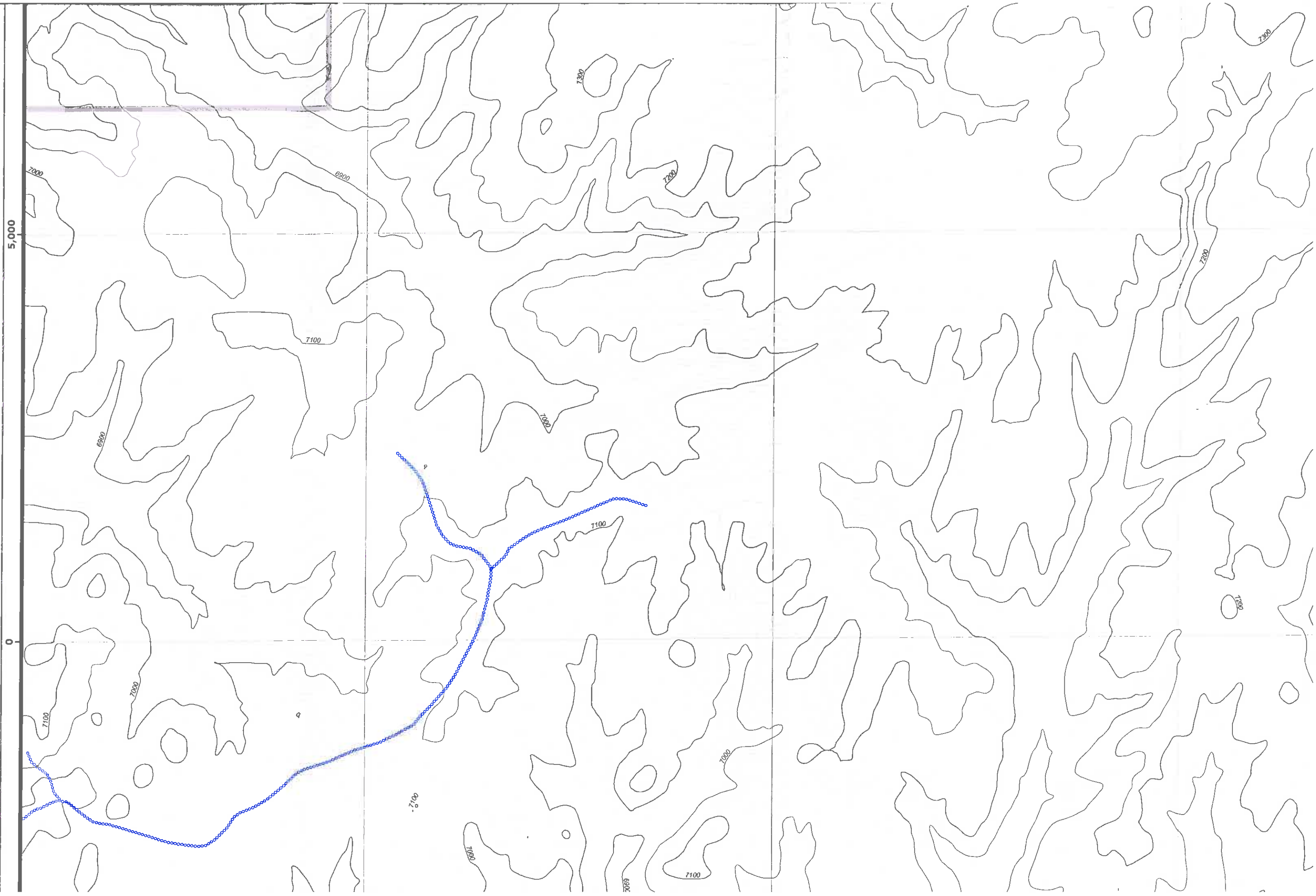
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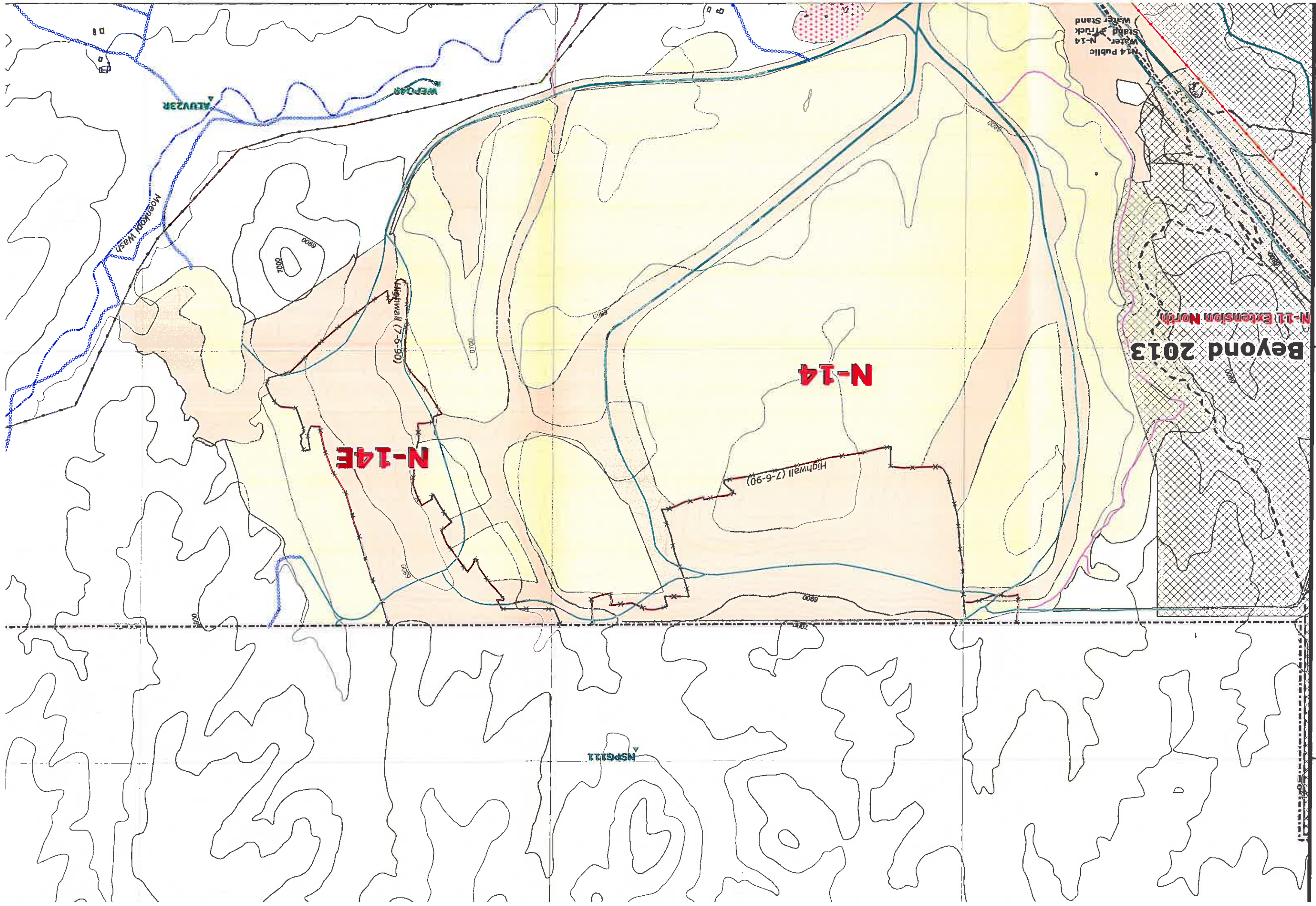


5,000

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N14 Public
Water Stand
Water Stand
Water Stand

Beyond 2013
N-11 Extension North

N-14

N-14E

Highwall (7-6-90)

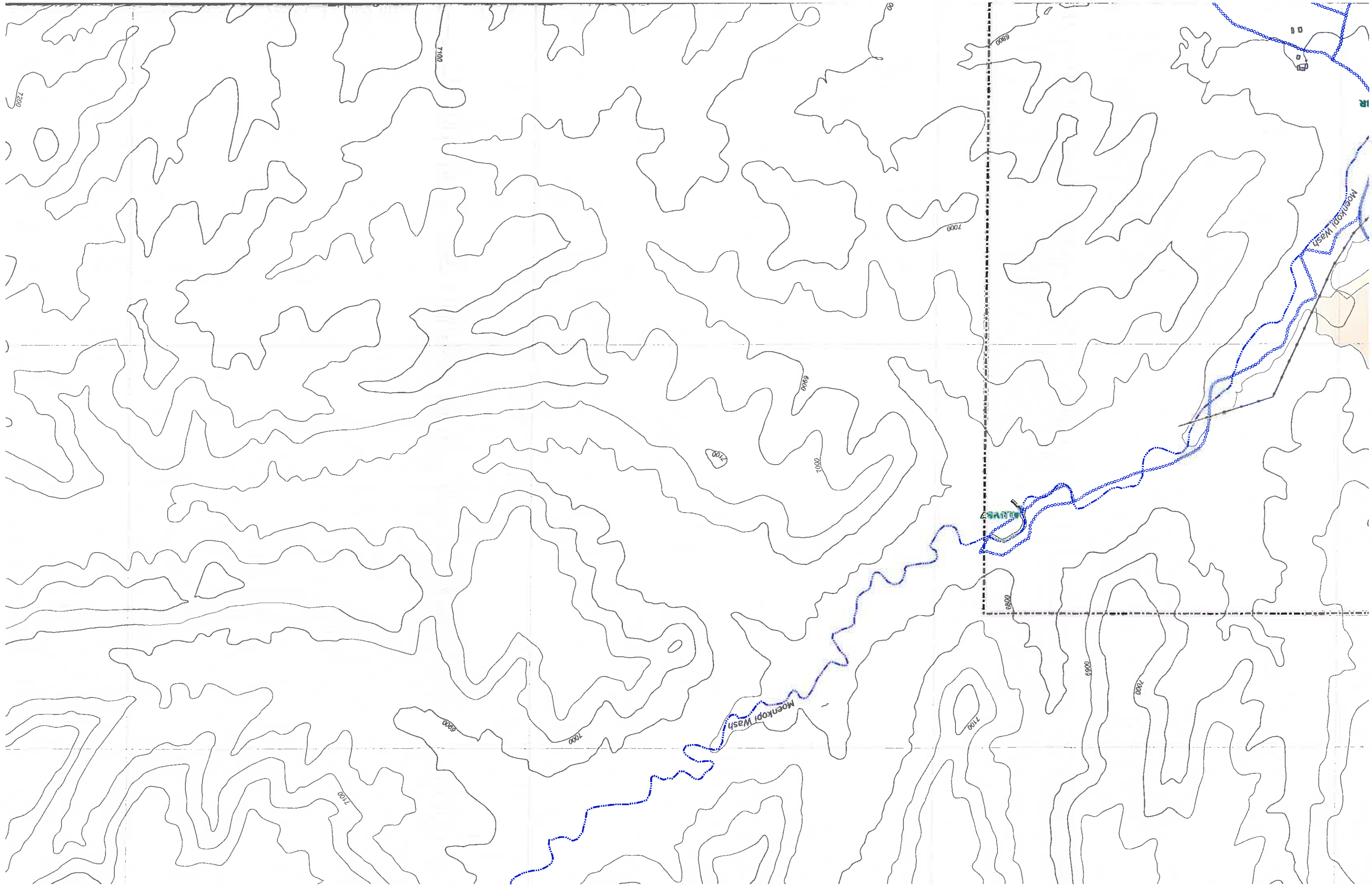
Highwall (7-6-90)

NSPG111

ATV23R

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-5,000



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6800

7000

7100

6800

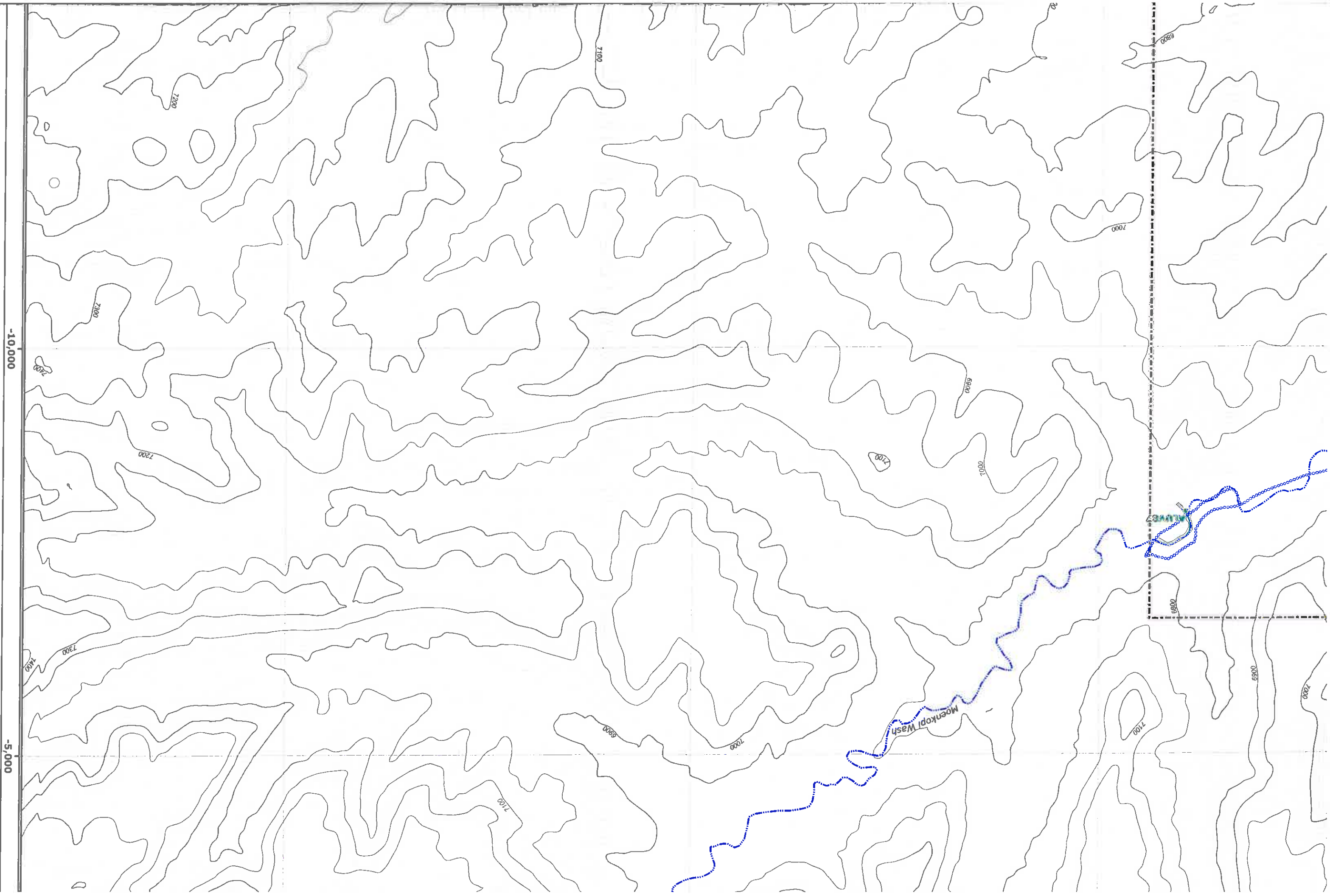
6800

7200

Moenkopi Wash

Moenkopi Wash

CANYON



-10,000

-5,000

Moenkopi Wash

Moenkopi Wash

7200

7300

7200

7300

7400

7100

8900

9000

7100

8900

7000

7100

7100

9069

7200

9069

7000

8800

ENGINEER'S CERTIFICATION

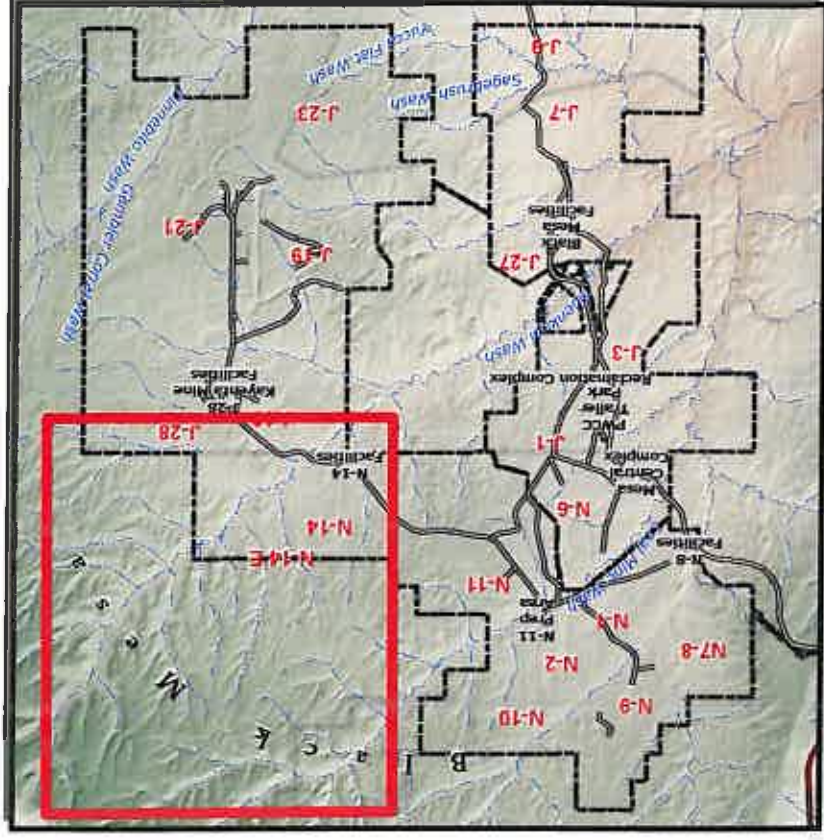


James G. Schlenvogt
 James G. Schlenvogt
 Engineering Manager
 Peabody Western Coal Company

Date
 JUN 27 2008

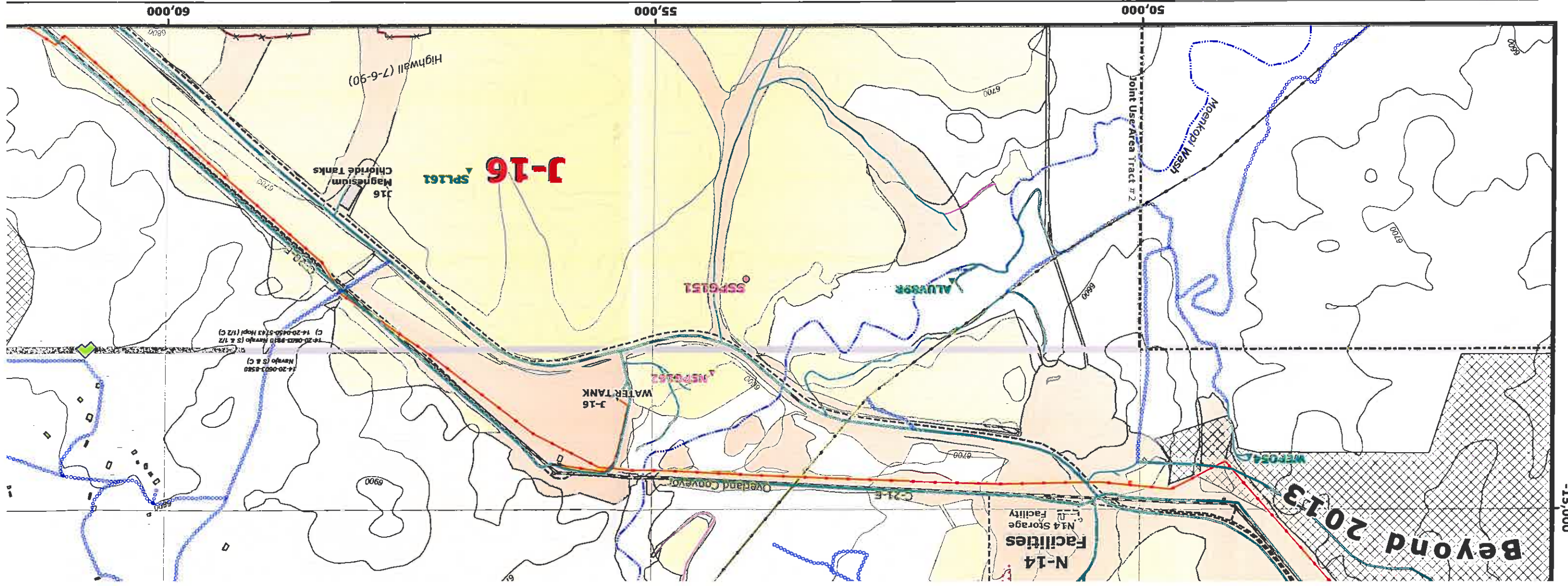
CHK'D	DATE	DESCRIPTION
JGS	02-25-2005	Permit Renewal
JGS	06-15-2005	N-9 Facilities Rev.
JGS	06-15-2005	N-09 & N-06 Facilities Rev.
JGS	12-15-2005	N-09 Sequence Rev.
JGS	01-20-2006	OSM Response
GW	04-12-2006	Roads and TCP Revisions
JGS	07-12-2006	Support Facility Revisions
JGS/GW	03-21-2007	Feature Revisions / 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 of boundary where various reclamation standards and the drawing indicates the orientation and the boundaries of dragging, stippling and disturbance for the current five-year permit.
 - B. The permit reference index can be found in Table 1. In addition, identification of related sites may be found on the following:
 - 85210 Mine Plan Map
 - 85352 Estimated PMT Map
 - 85400 Drainage Area and Sediment and Water
 - 85445 Permanent Roads Map
 - 85460-85490 Mine Facilities Map
 - 85600 & 93500 Environmental Monitoring Map
 - 89800 Bonding Map
- C. Due to the extensive aerial extent of relatively small or narrow linear disturbances, environmental monitoring sites, sediment stockpiles, utility lines, conveyors, roads include the disturbance created during reclamation of these sites. For purpose of approximate center or centerline of the



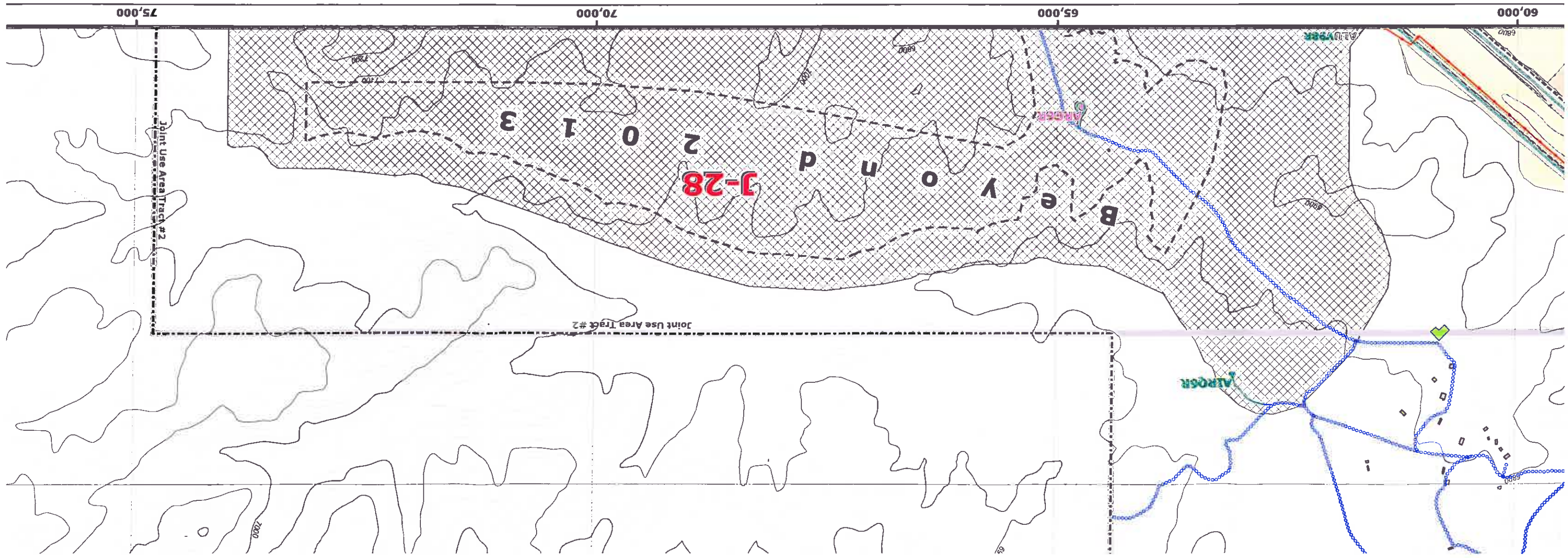
Beyond 2013

Jurisdictional Permit Affected Lands & Drawing #8530 Northeast 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

Map Drawn by Geospatial Enterprises



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
- 85400 Estimated PMT Map
- 85352 Drainage Area and Facilities Map
- 85405 Sediment and Water Control Structures Map
- 85445 Permanent Roads Map
- 85460-85490 Mine Facilities Map
- 85600 R. 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)
- Highwall (7/6/1990)
- Pit Advance Direction

Protected Areas

- Protected Area
- TCP site

Stockpiles and Scorita Pits

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

Major EO Sites

- Interim Permit 01
- Permanent Permit 1D

Water Features

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

Administrative Boundaries

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

Roads

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

Powerlines

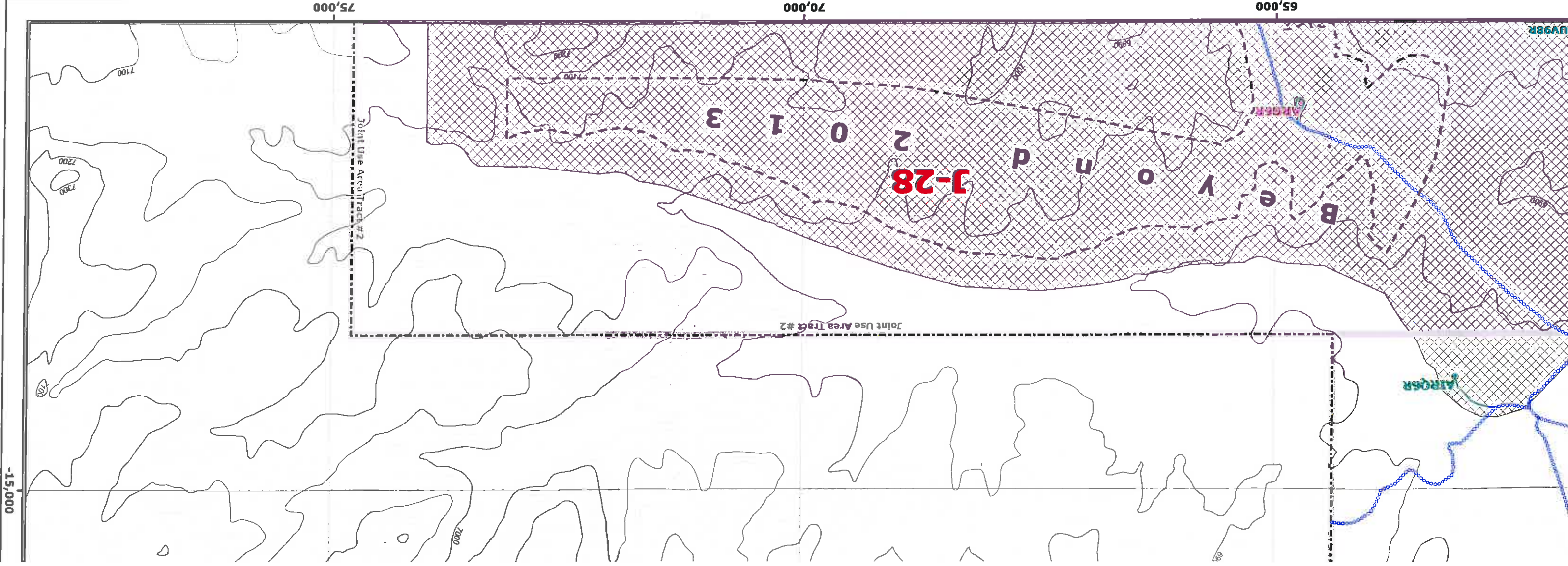
- PWCC
- Non-PWCC

Coal Transport and Mine Facilities

- PWCC Buildings and Structures
- PWCC Conveyor
- SAP/MCS Railroad
- 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)
- Affected Lands
- Permanent Permit AZ-0001D (Present to 12-31-2013 Affected Lands)
- Beyond 2013
- 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 Restricted for the Purpose of Recovering Coal



Jurisdictional Permit and Affected Lands Map

Drawing #85360

Northeast Sheet

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

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

