

# Mine Plan - Drawing #85210

## Southeast Sheet



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

Produced by PWCC GIS

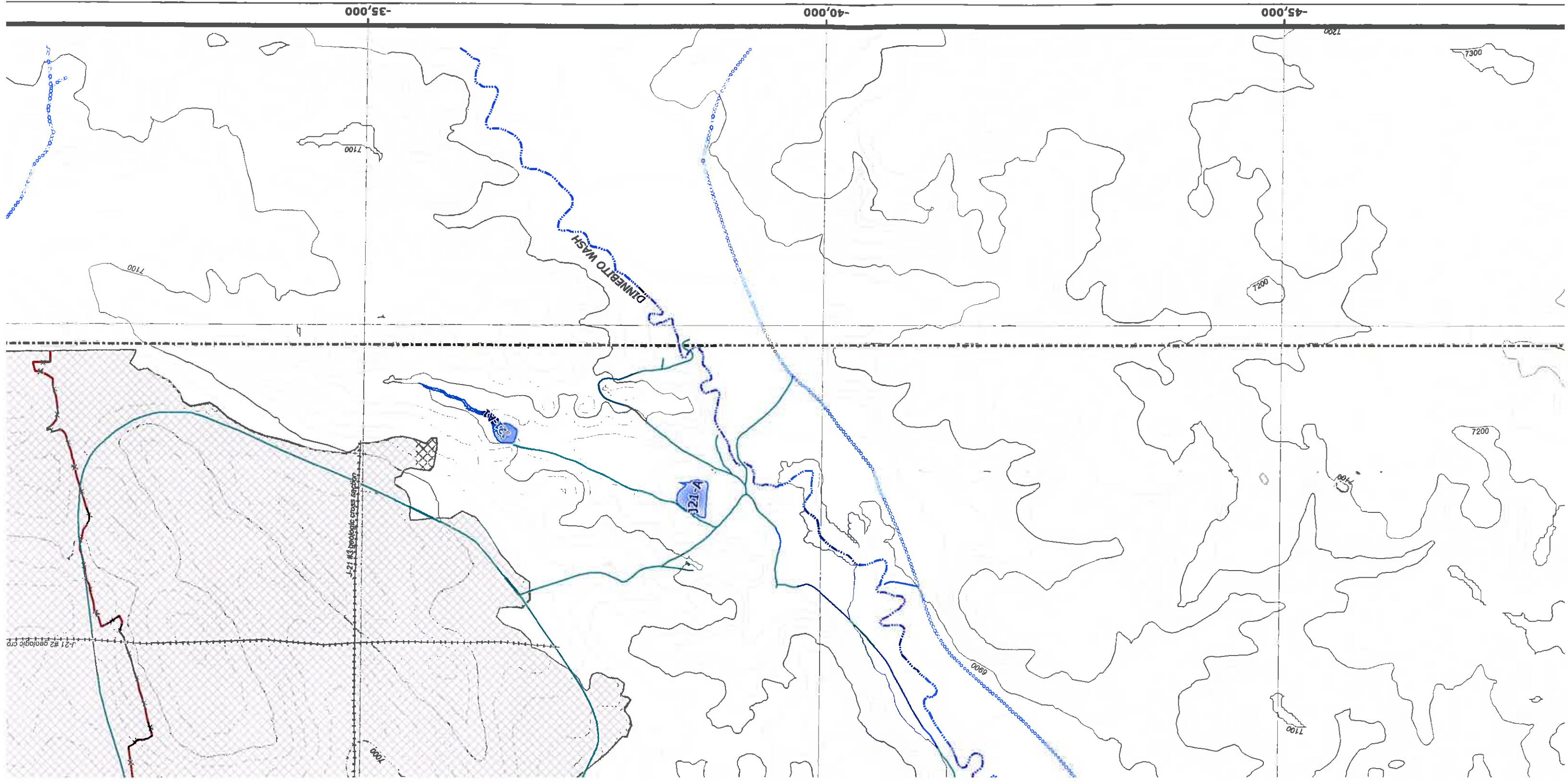
Mar 23, 2007

T:\Projects\Mineplan 85210\Maps\Mineplan 1000.mxd

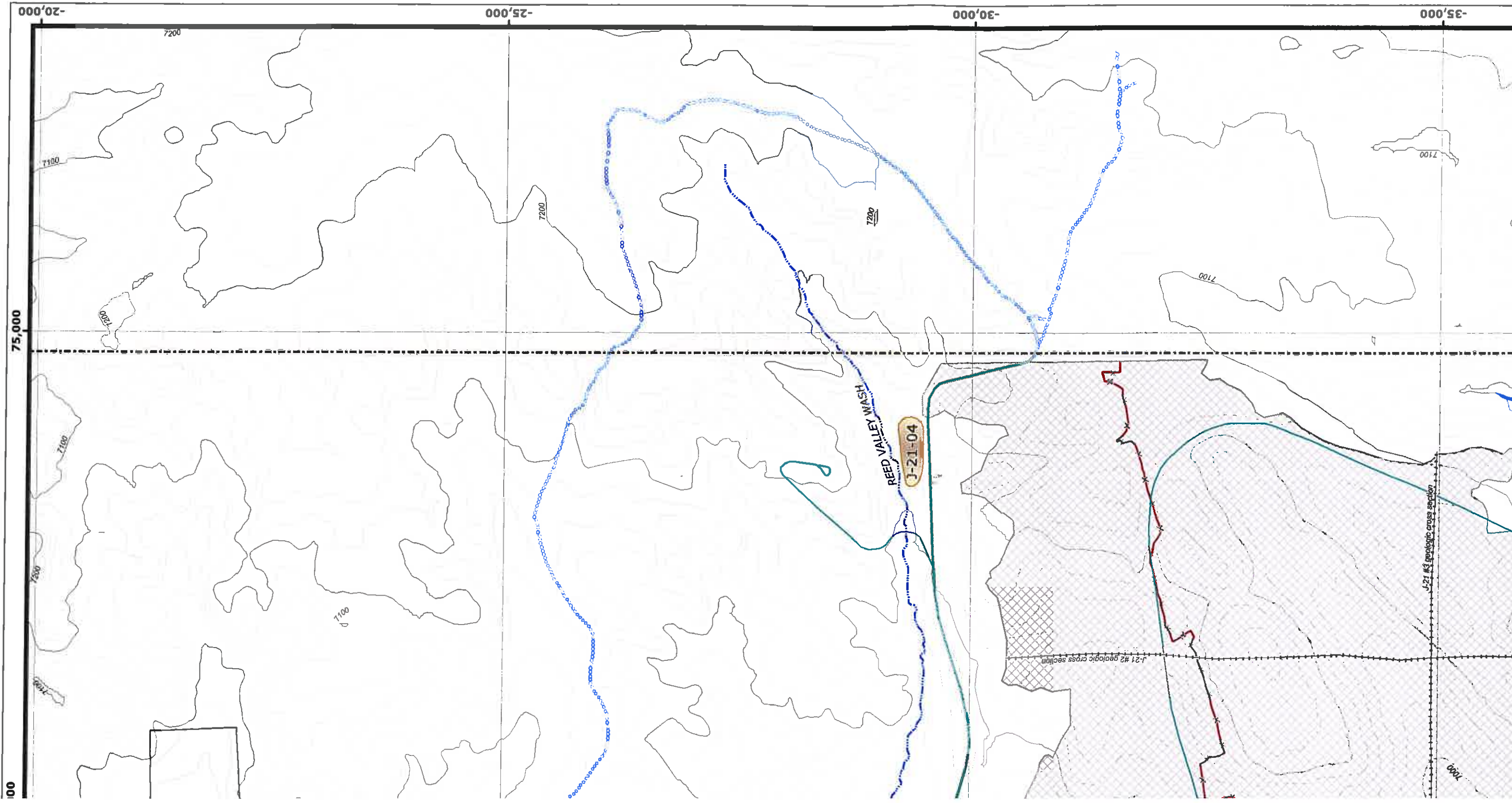
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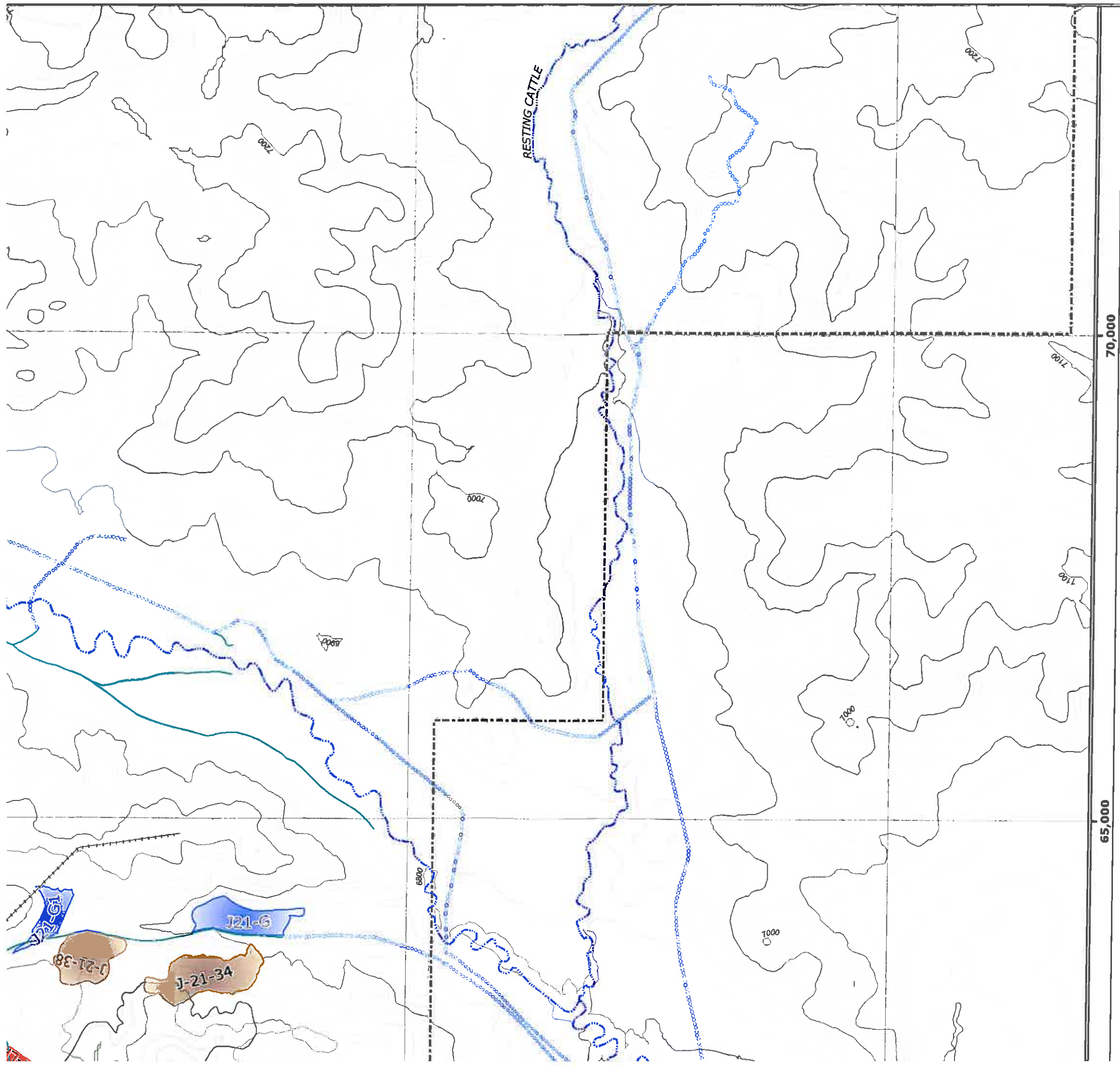
2006 Contours  
20 foot interval  
Indexes at 100 feet











# Mine Plan - Sou

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

65,000

70,000

<p><b>Water Features</b></p> <ul style="list-style-type: none"> <li> Existing Water Impoundment</li> <li> Proposed Water Impoundment</li> <li> Sewage Facility</li> <li> PWCC Water Line</li> <li> Navajo Water Well</li> <li> Major Drainage</li> </ul>	<p><b>Roads</b></p> <ul style="list-style-type: none"> <li> PWCC Permit 01 Primary</li> <li> Ramp</li> <li> Ancillary</li> <li> Non-Mining Road</li> </ul>	<p><b>Powerlines</b></p> <ul style="list-style-type: none"> <li> PWCC</li> <li> Non-PWCC</li> </ul>	<p><b>Coal Transport and Mine Facilities</b></p> <ul style="list-style-type: none"> <li> PWCC Conveyor</li> <li> SRP/NGS Railroad</li> <li> PWCC Buildings and Structures</li> <li> Explosives Storage Facility</li> </ul>
<p><b>Administrative Boundaries</b></p> <ul style="list-style-type: none"> <li> 01 Permit Line</li> <li> 1D Permit Line</li> <li> Navajo-Hopi Partition Line</li> <li> PWCC Lease Line</li> </ul>			

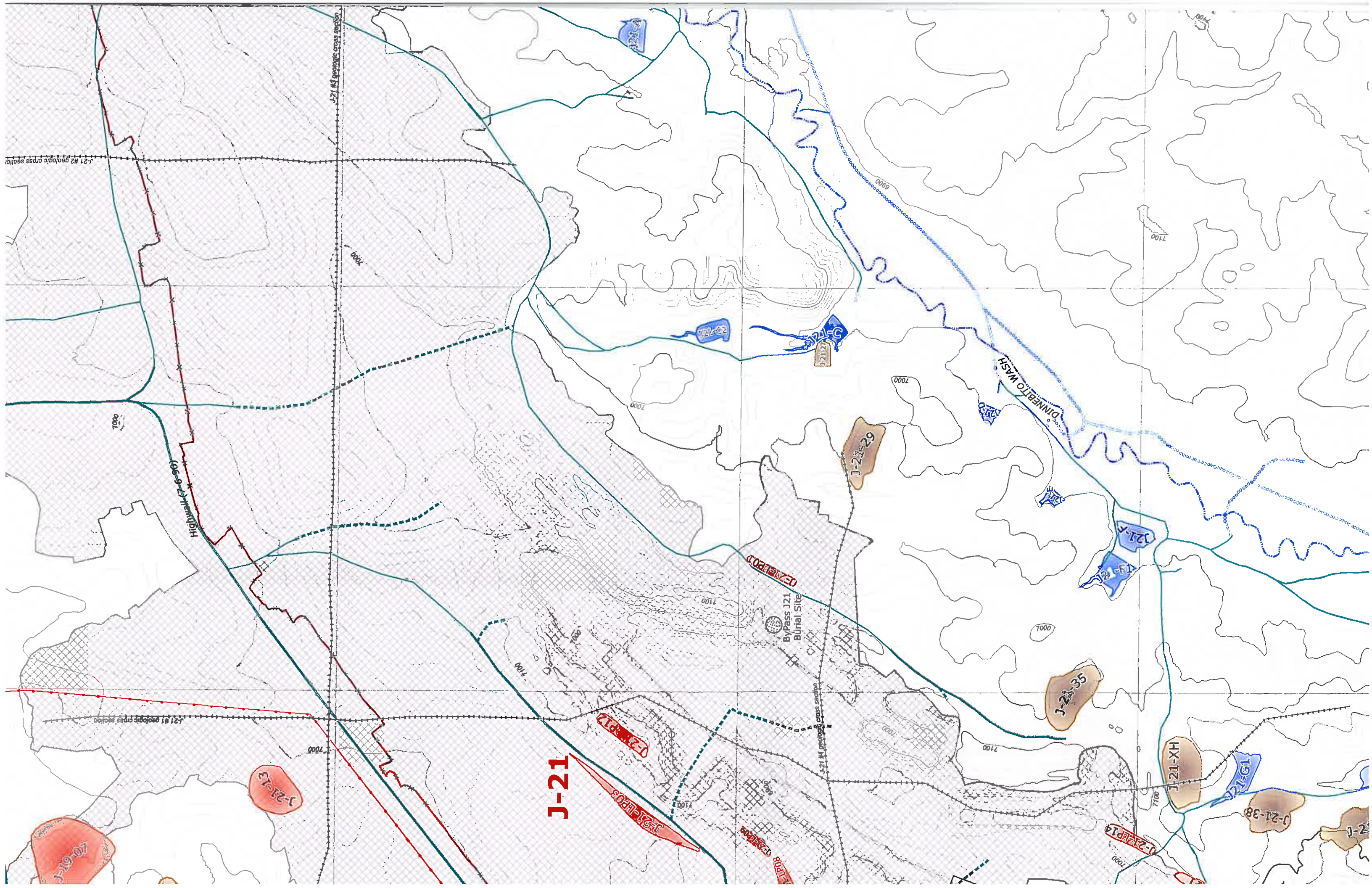
1 beyond)

19 Pit Buffer

rockpile

t

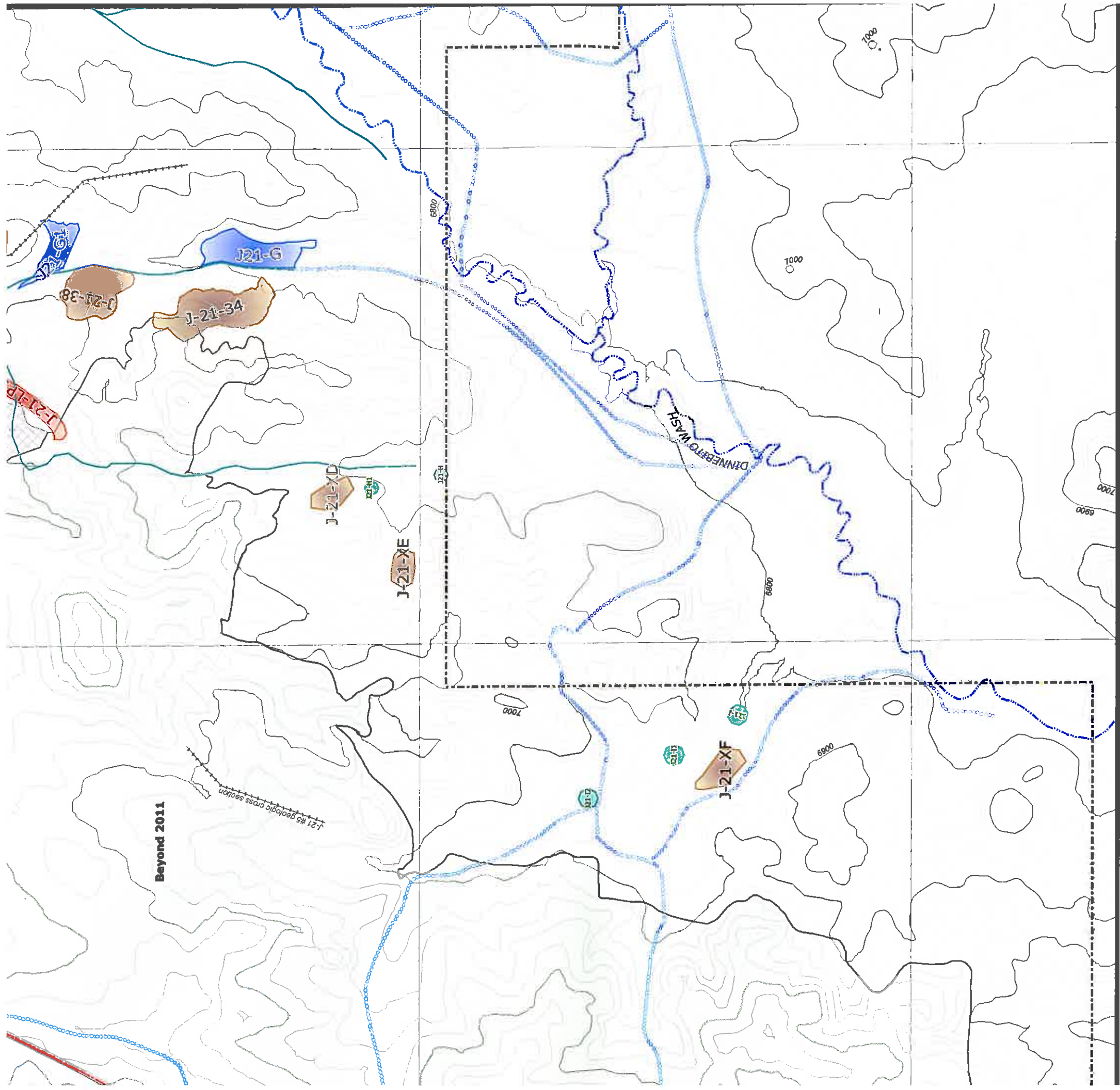




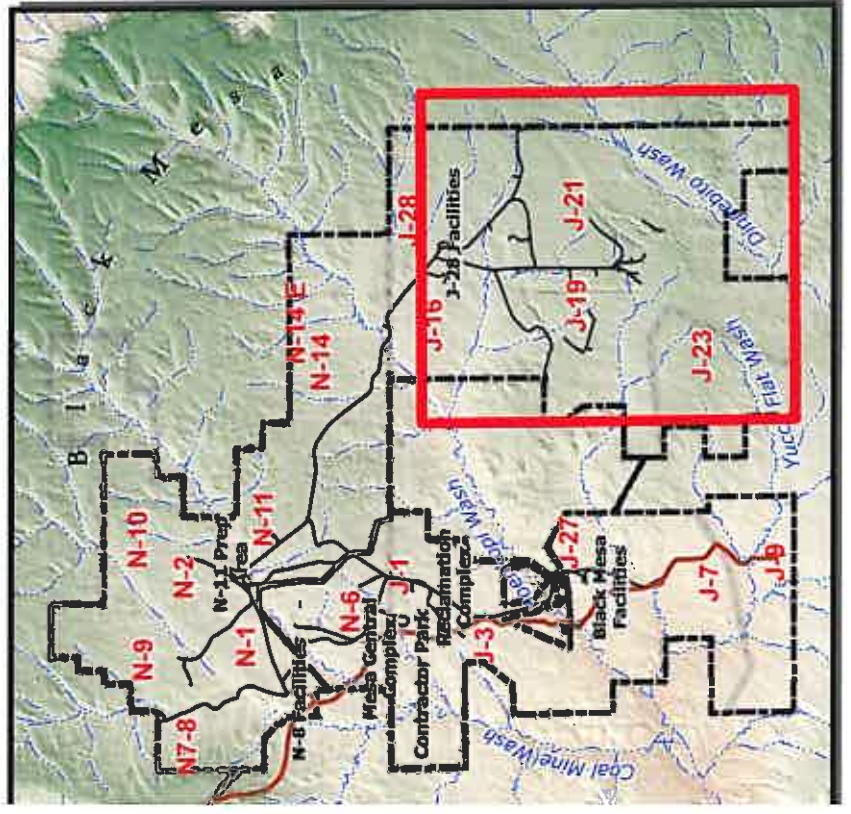








60,000 65,000



**Mine Plan and Pit Data**

- Mine Plan Block (2007-2011)
- Future Coal Resource Area (2011 and beyond)
- Mined-Out Area
- Highwall (7/6/1990)
- Geologic Cross-section
- J19 Pit Buffer

**Protected Areas**

- TCP Site
- Protected Area

**Stockpiles and Scoria Pits**

- Topsoil Stockpile Off Spoil
- Topsoil Stockpile On Spoil
- Coal Stockpile
- Scoria Pit

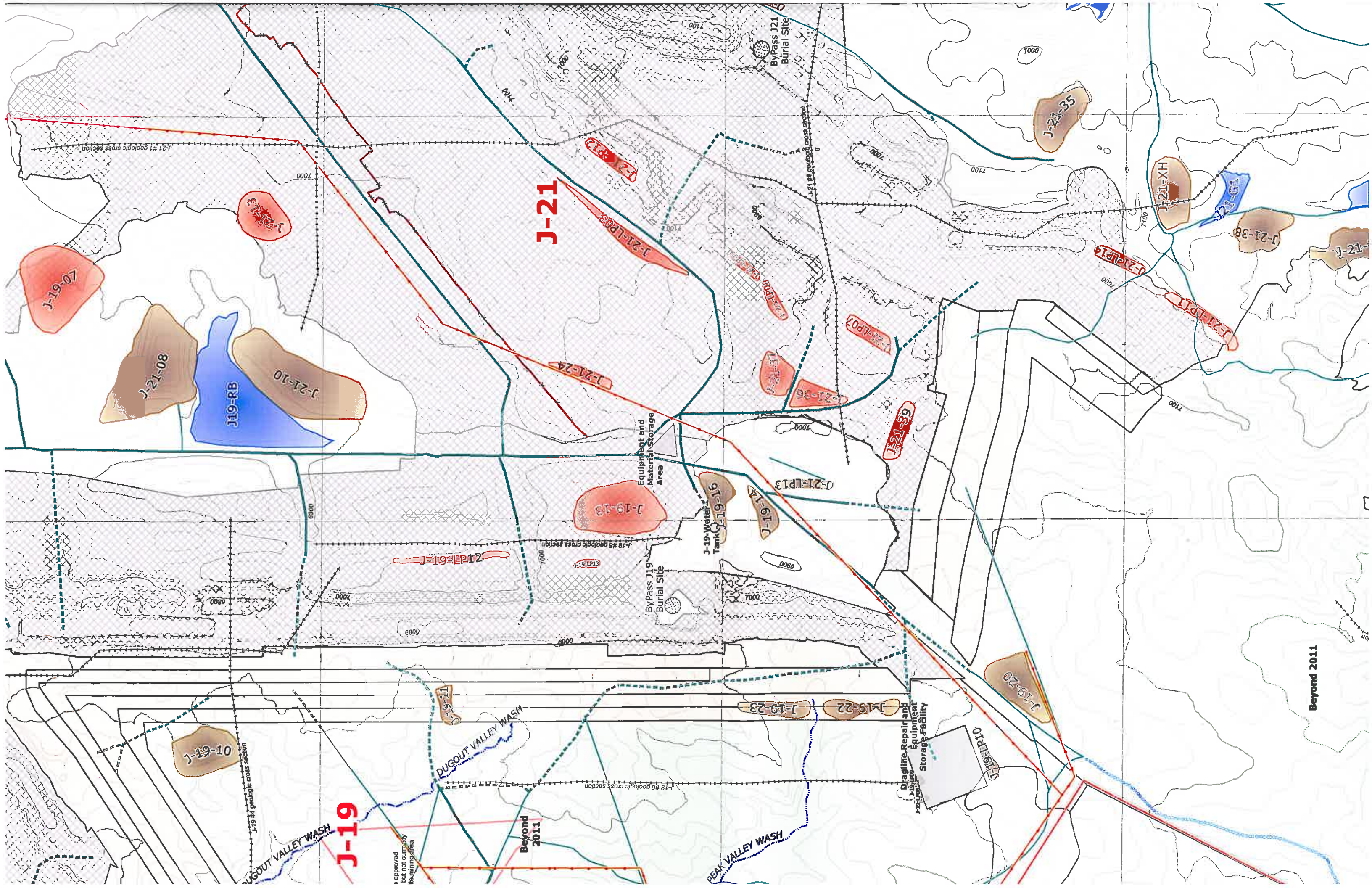
**Water Features**

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

**Administrative Boundaries**

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





J-21

J-19

Beyond 2011

Beyond 2011

approved but not currently in mining areas

J-21 #1 geologic cross section

J-19 #5 geologic cross section

J-19 #6 geologic cross section

J-19 #4 geologic cross section

ByPass J21 Burial Site

ByPass J19 Burial Site

Equipment and Material Storage Area

J-19 Water Tank

Dragline, Repair and Equipment Storage Facility

DUGOUT VALLEY WASH

PEAK VALLEY WASH

J19-RB

J-21-10

J-21-08

J-19-07

J-21-13

J-19-13

J-19-16

J-19-14

J-21-LP13

J-21-39

J-21-36

J-21-31

J-21-24

J-21-20

J-21-LP08

J-21-LP07

J-21-XH

J-21-38

J-21-35

J-21-LP11

J-21-LP12

J-21-J

J-19-20

J-19-22

J-19-23

J-19-10

J-19-17

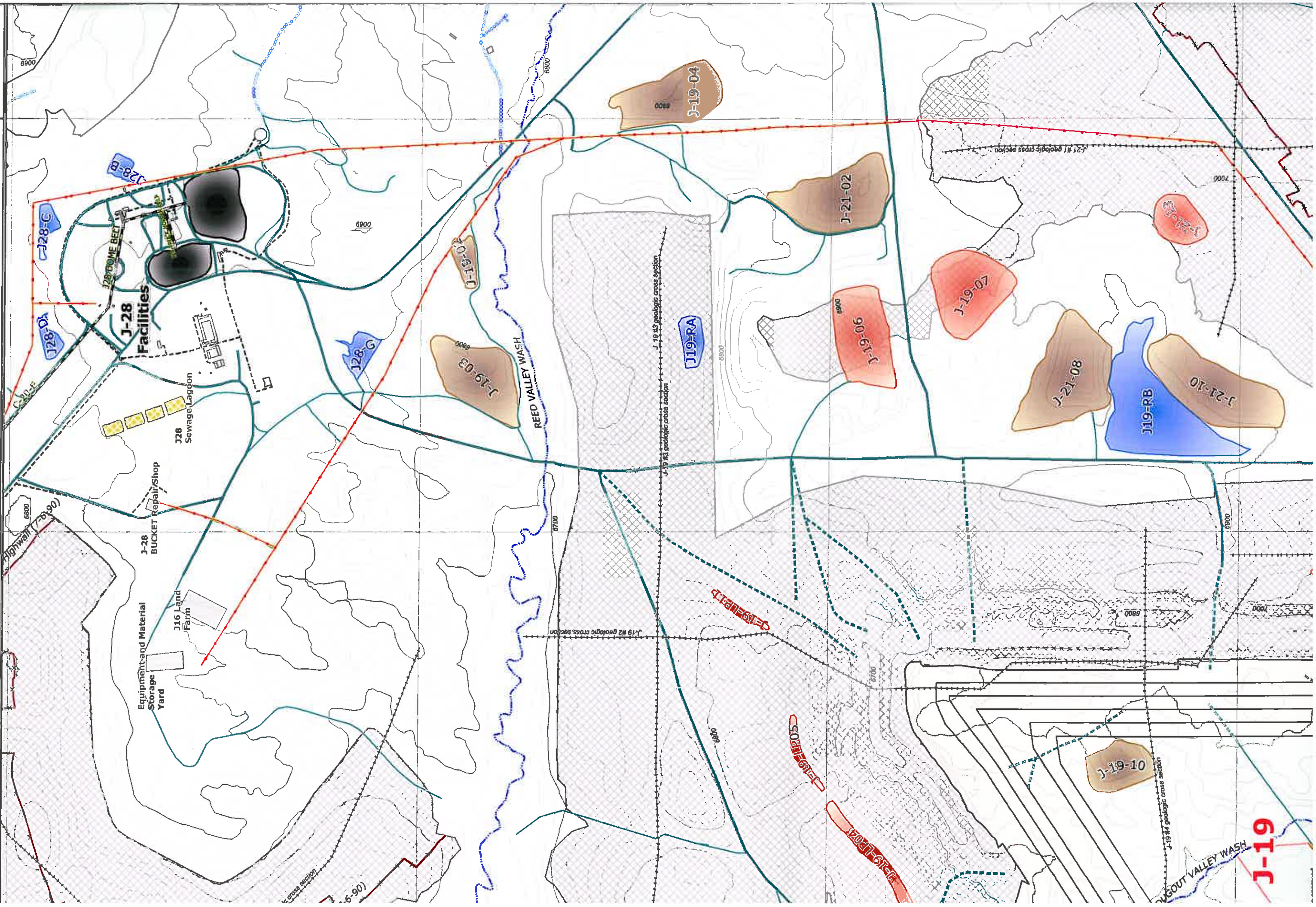
J-19-20

J-19-20



65,000

60,000



J-28 Facilities

J28 Sewage Lagoon

J-28 BUCKET Repair/Shop

J16 Land Farm

Equipment and Material Storage Yard

REED VALLEY WASH

J-19

WAGOUT VALLEY WASH

J-19-04

J-21-02

J-19-05

J-19-09

J-21-08

J19-RB

J-21-10

J-19-03

J-19-01

J-19-10

J19-RA

J-19 #3 geologic cross section

J-19 #4 geologic cross section

J-19 #5 geologic cross section

J-19 #6 geologic cross section

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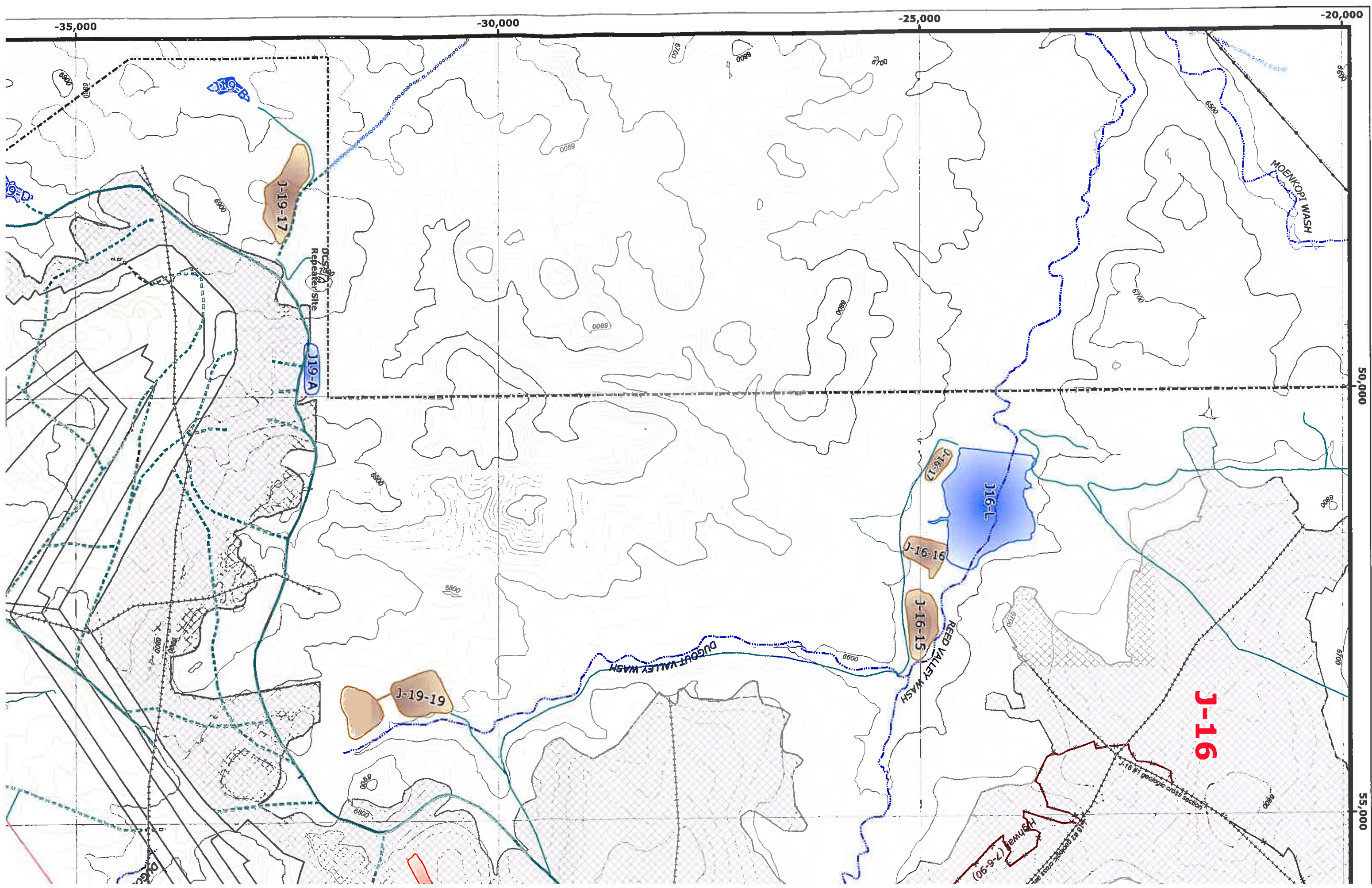


-35,000

-30,000

-25,000

-20,000



50,000

55,000

**J-16**



-50,000

-45,000

-40,000

-35,000

J23-D

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Beyond 2011

J-23

Navajo-Hopi Partition Line

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

J-19-18

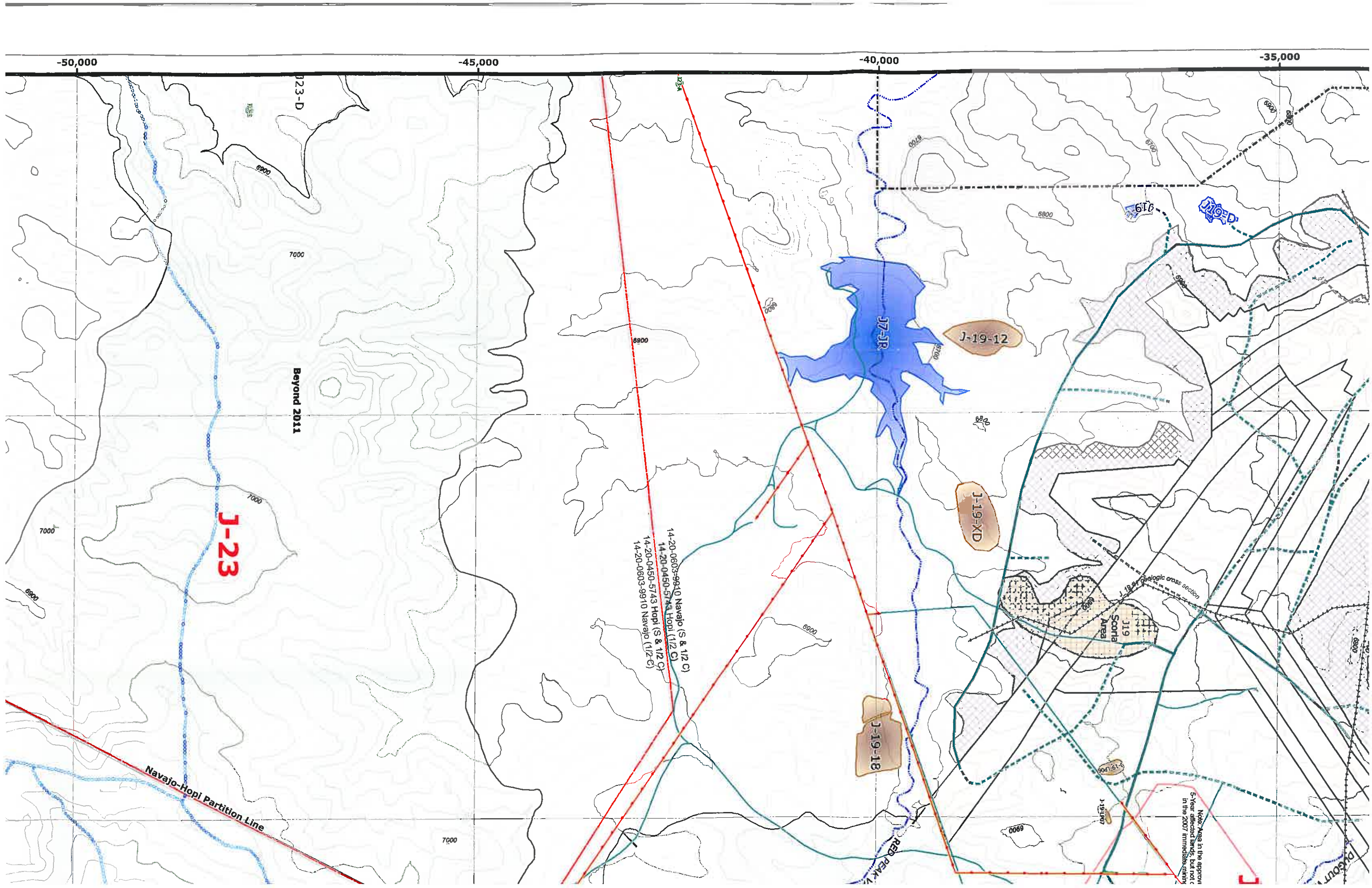
J-19-XD

J-19-12

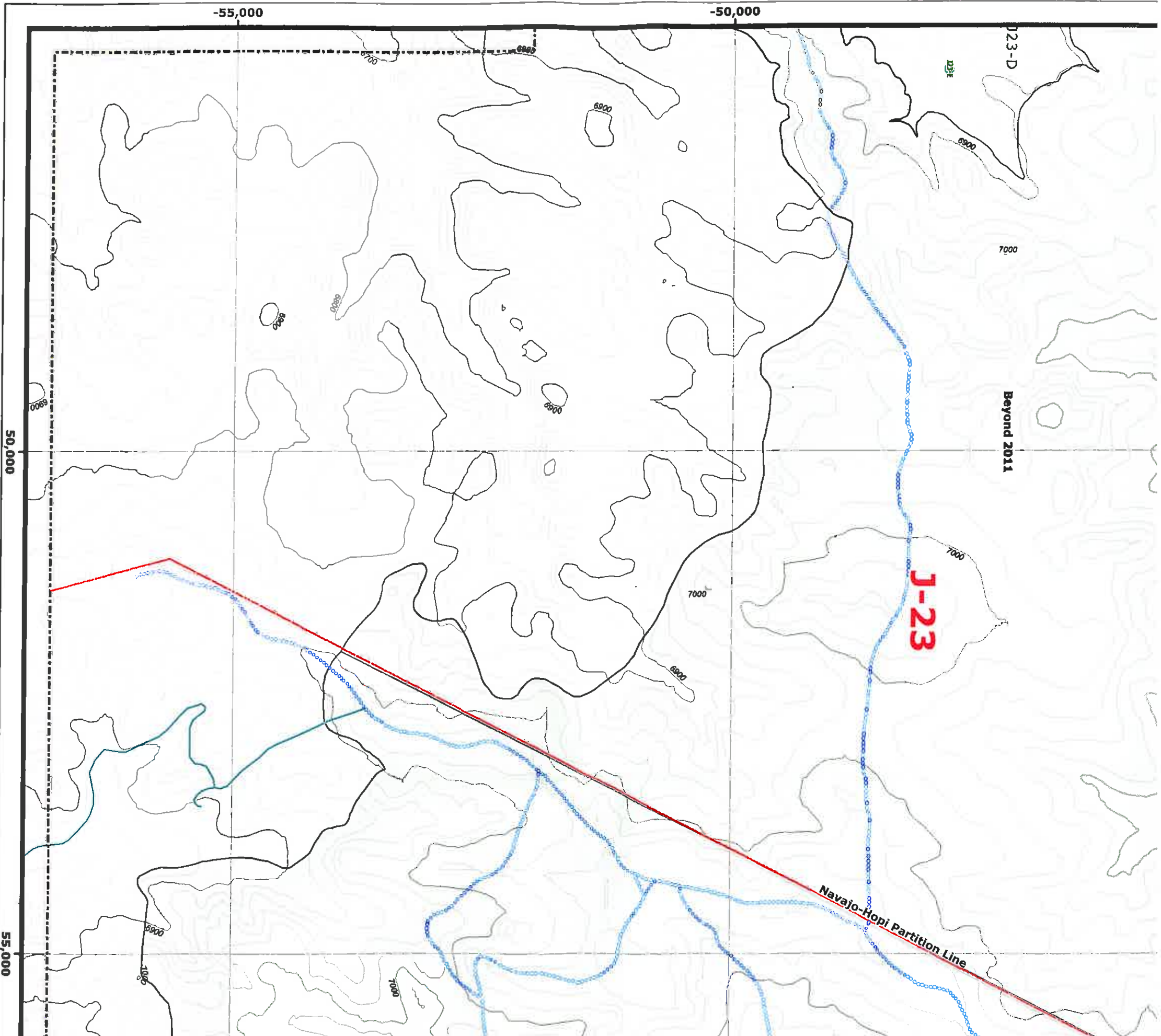
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Scottia Area

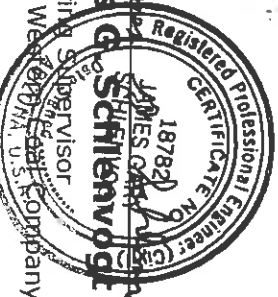
Note Area in the approx  
 5-Year affected lands, but not c  
 in the 2007 immediate-ant







**ENGINEER'S CERTIFICATION**


  
**James G. Schiavoddi**
  
 Engineering Supervisor
   
 Peabody West Virginia, U.S.A. Company

**MAR 23 2007**

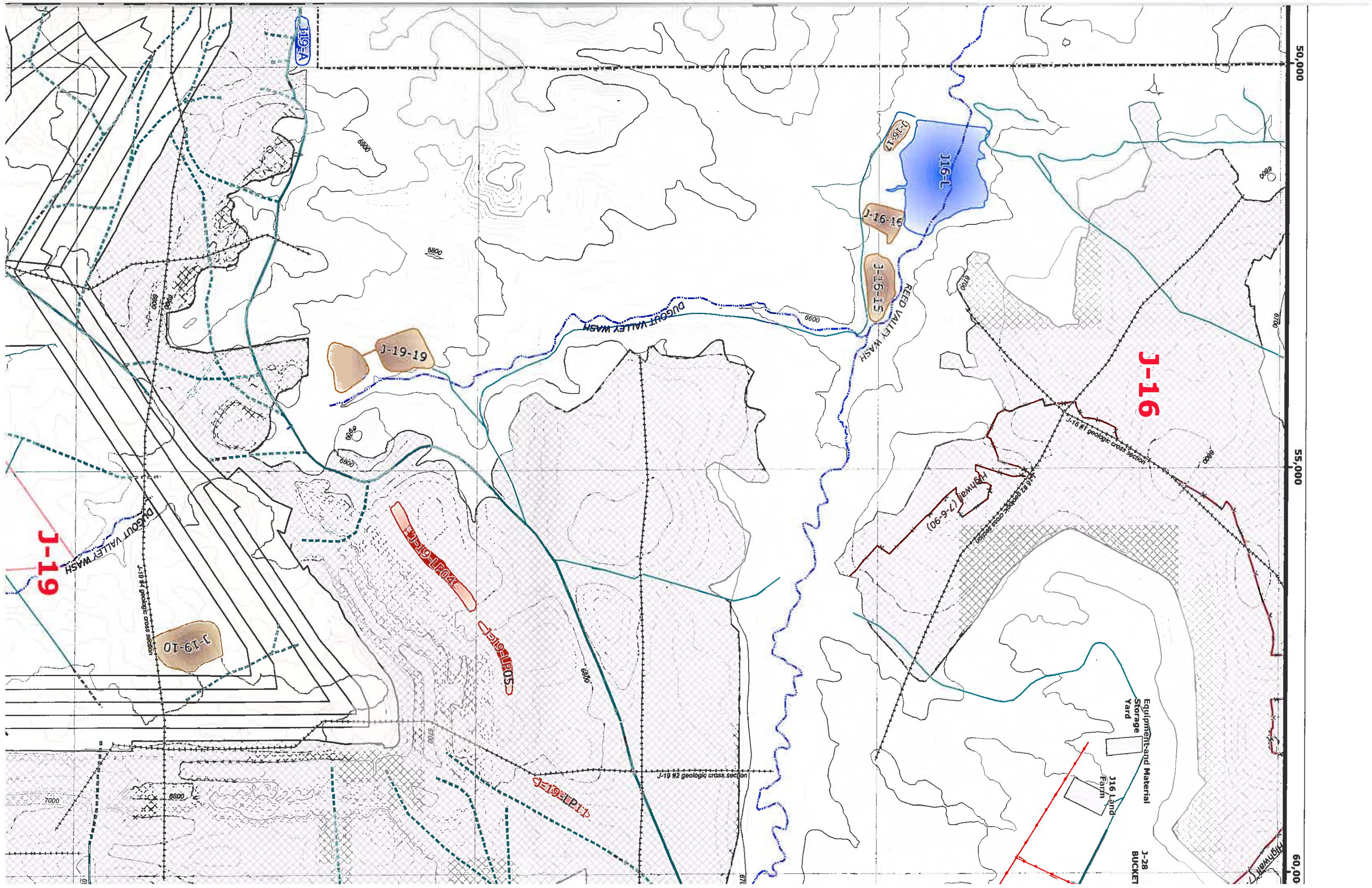
**Date**

**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







J-19

J-16

J-19-10

J-19-19

J-16-15

J-16-16

J-16-17

J-16-L

J-19-10P01

J-19-10P02

J-19-10P10

J-16-18 (7-6-90)

Equipment and Material Storage Yard

J16 Land Farm

J-28 BUCKET

Highway

J-19 #2 geologic cross section

J-16 #1 geologic cross section

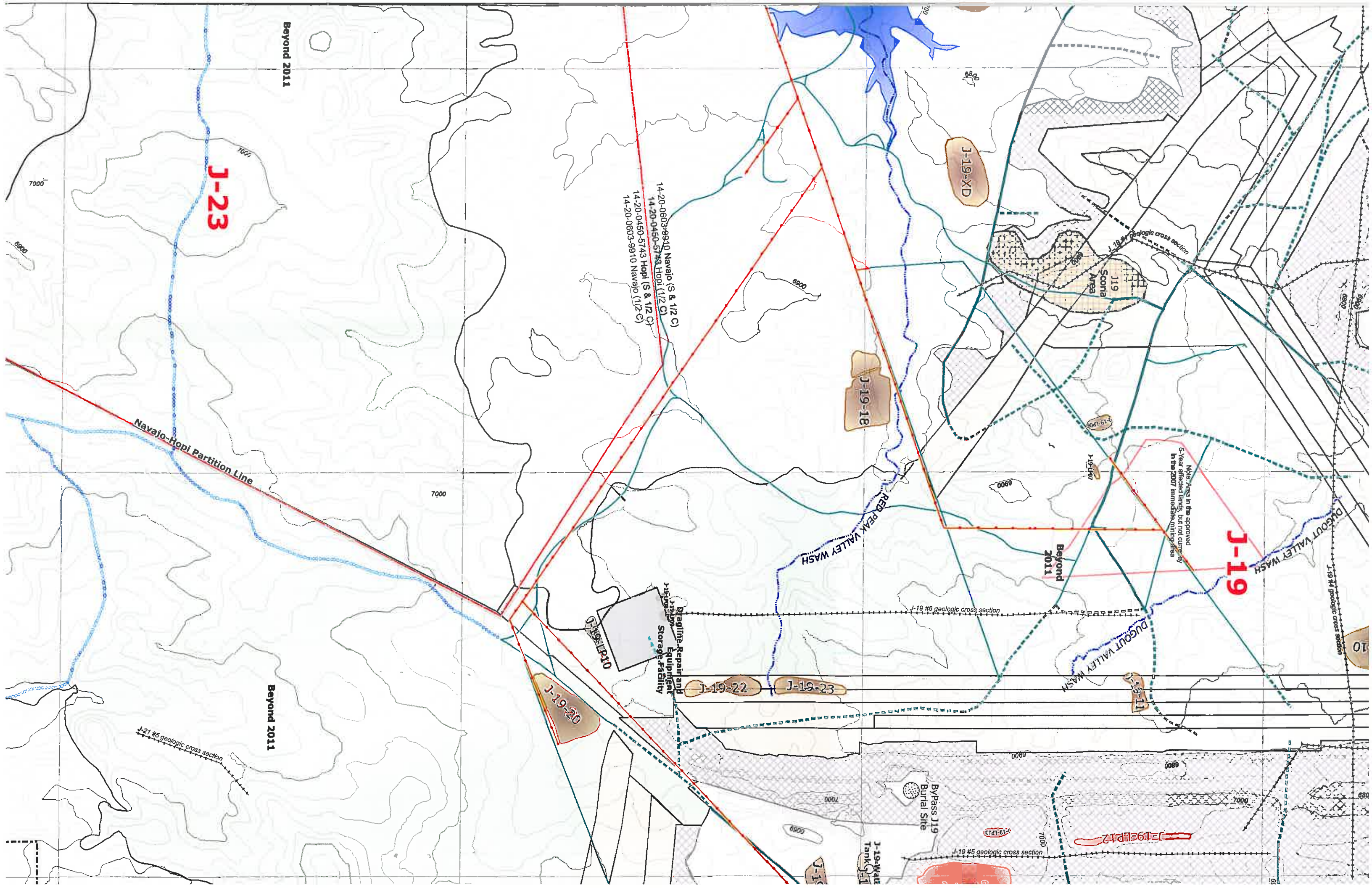
J-19 #1 geologic cross section

50,000

55,000

60,000





J-23

Beyond 2011

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

J-19-XD

J-19-18

J-19

J-19

Note Area in the approved  
5-Year elected lands, but not currently  
in the 2007 immediate-mining plan

Beyond  
2011

Navajo-Hopi Partition Line

RED PEAK VALLEY WASH

DUGOUT VALLEY WASH

Brigline Repair and  
Equipment  
Storage Facility

J-19-EP10

J-19-22

J-19-23

J-19-20

J-19 #6 geologic cross section

DUGOUT VALLEY WASH

J-19-EP11

Bypass J19  
Burial Site

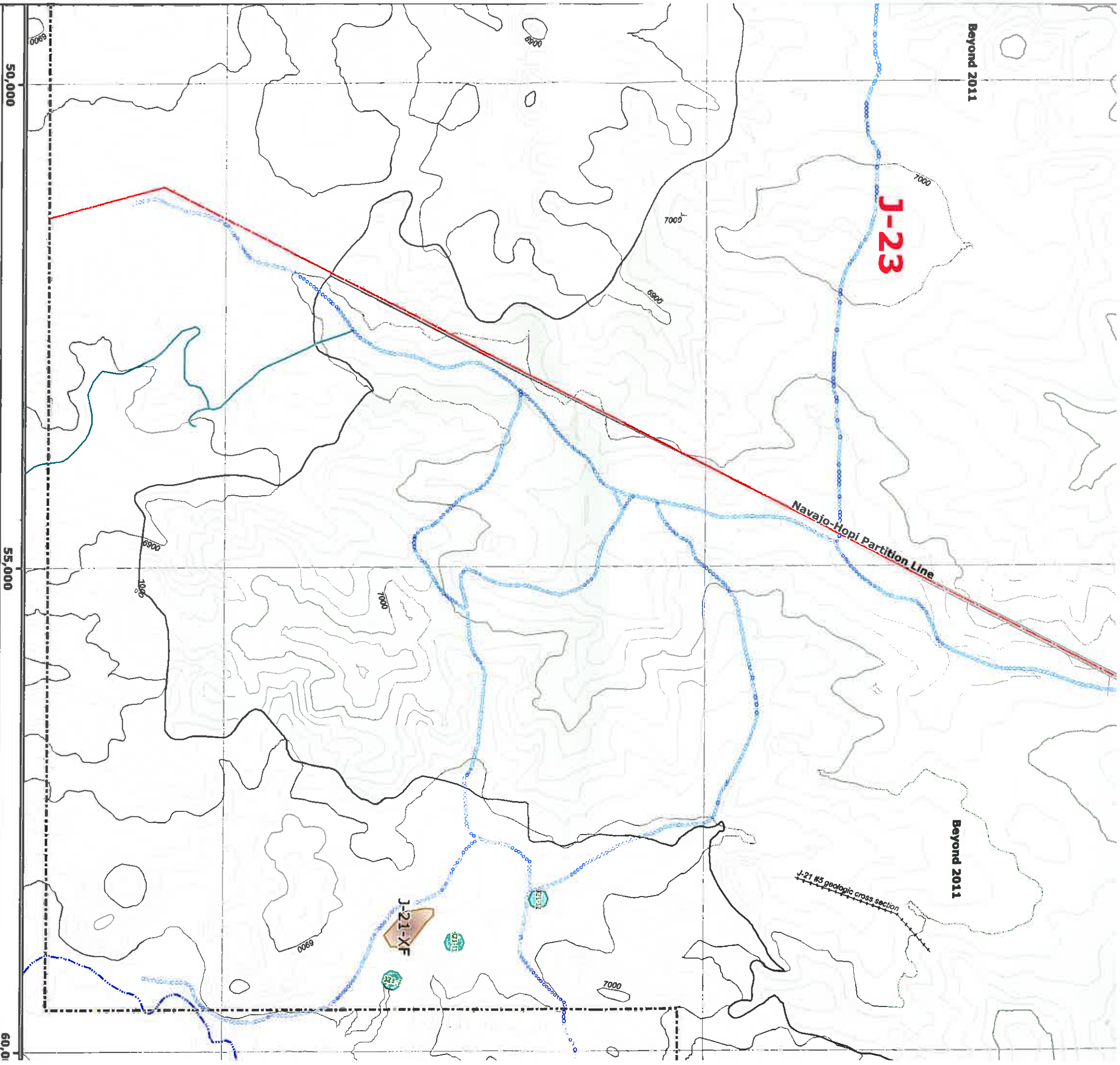
J-19-Mat  
Tank

J-19 #5 geologic cross section

J-21 #5 geologic cross section

Beyond 2011





**ACTION**

**MAP REVISIONS**

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JGS	01-20-2004	5 Yr. Mineplan Rev.
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APR 23 2007  
Date

