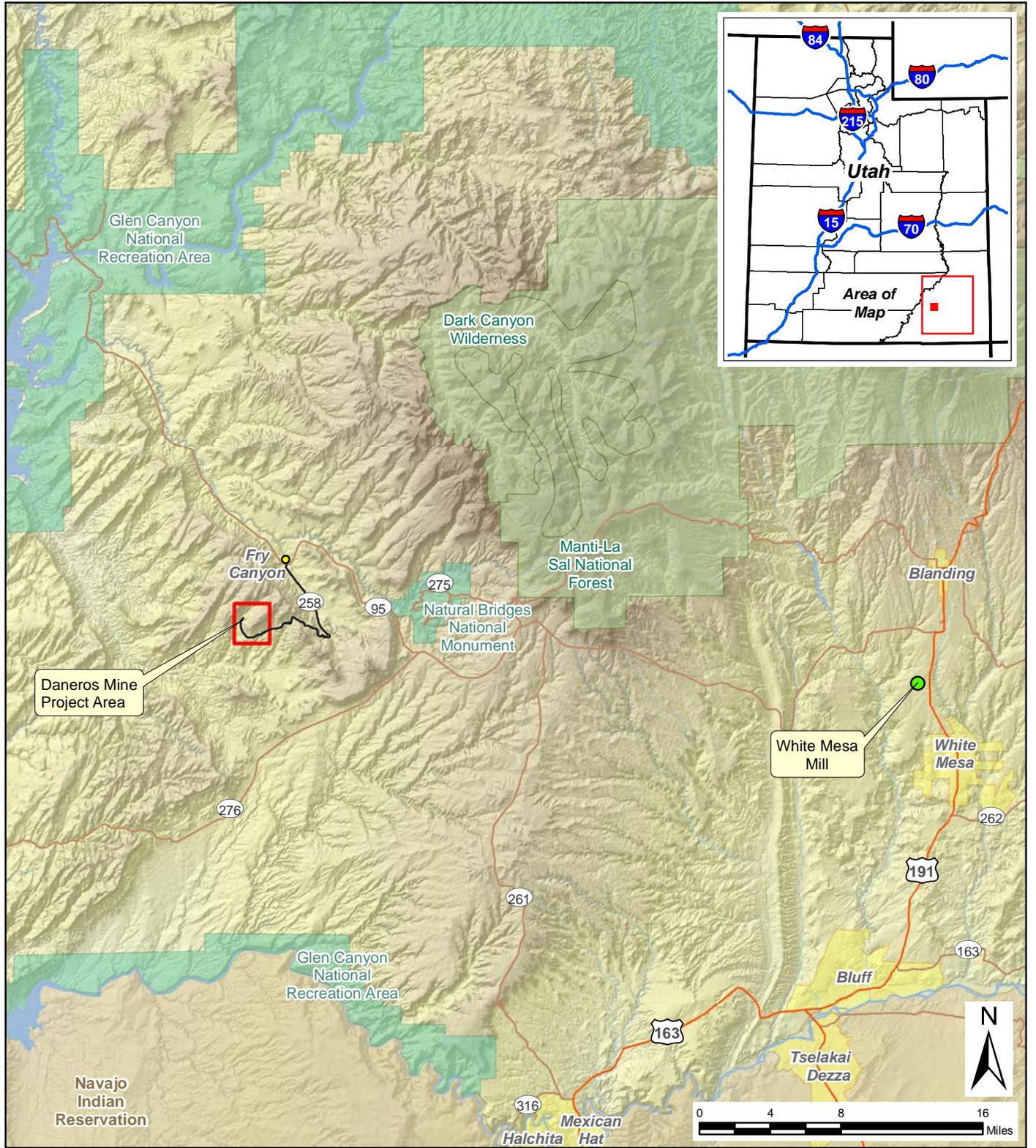


APPENDIX B

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Figure 3	Daneros Portal Area Existing and Proposed Disturbance
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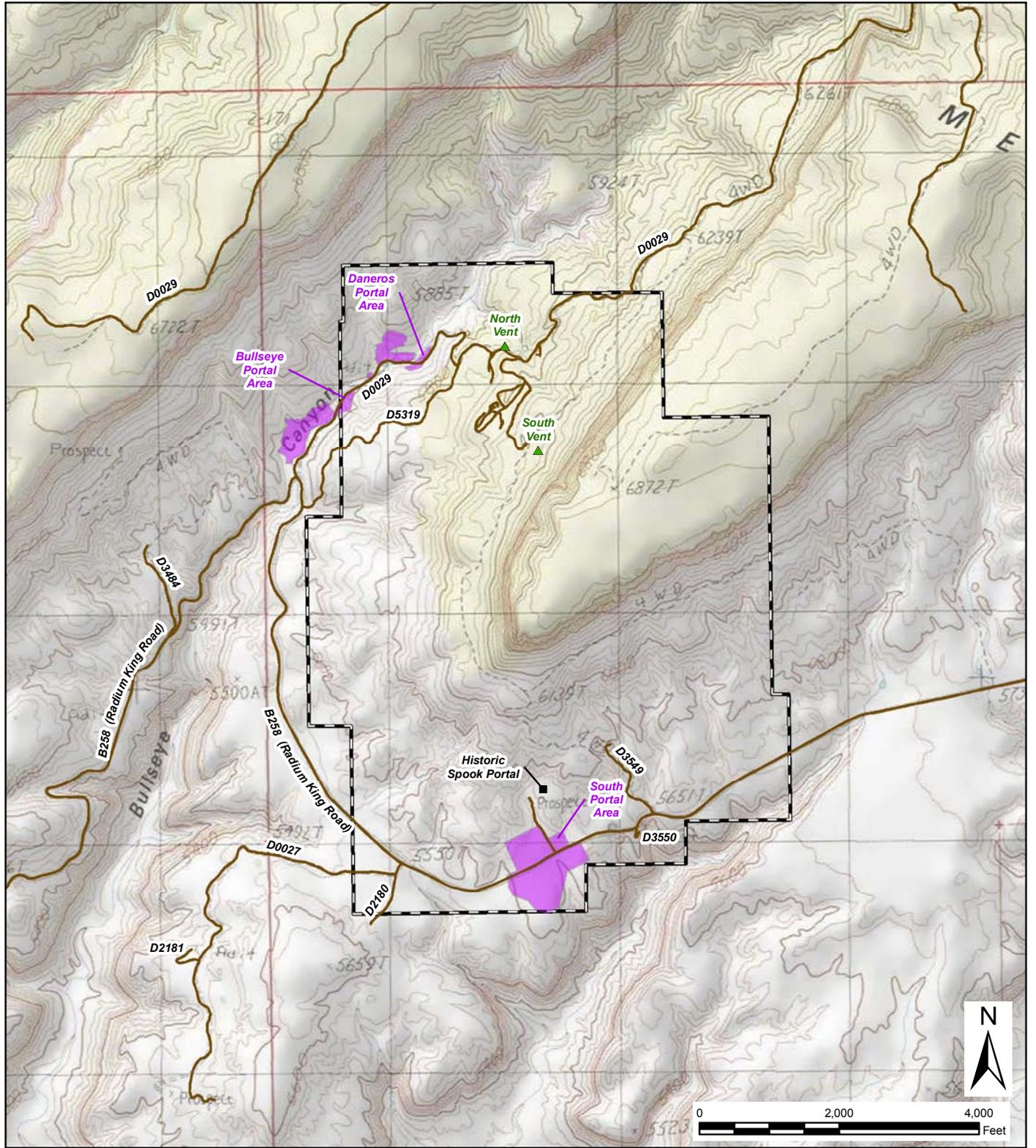


Legend
 Daneros Mine



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Figure 1
General Location Map
Daneros Mine Plan Modification
 San Juan County, UT 12 / 12 / 2014



Legend

-  Proposed Vent Area
-  Proposed Limit of Disturbance
-  Existing Vent Shafts
-  Existing Roads

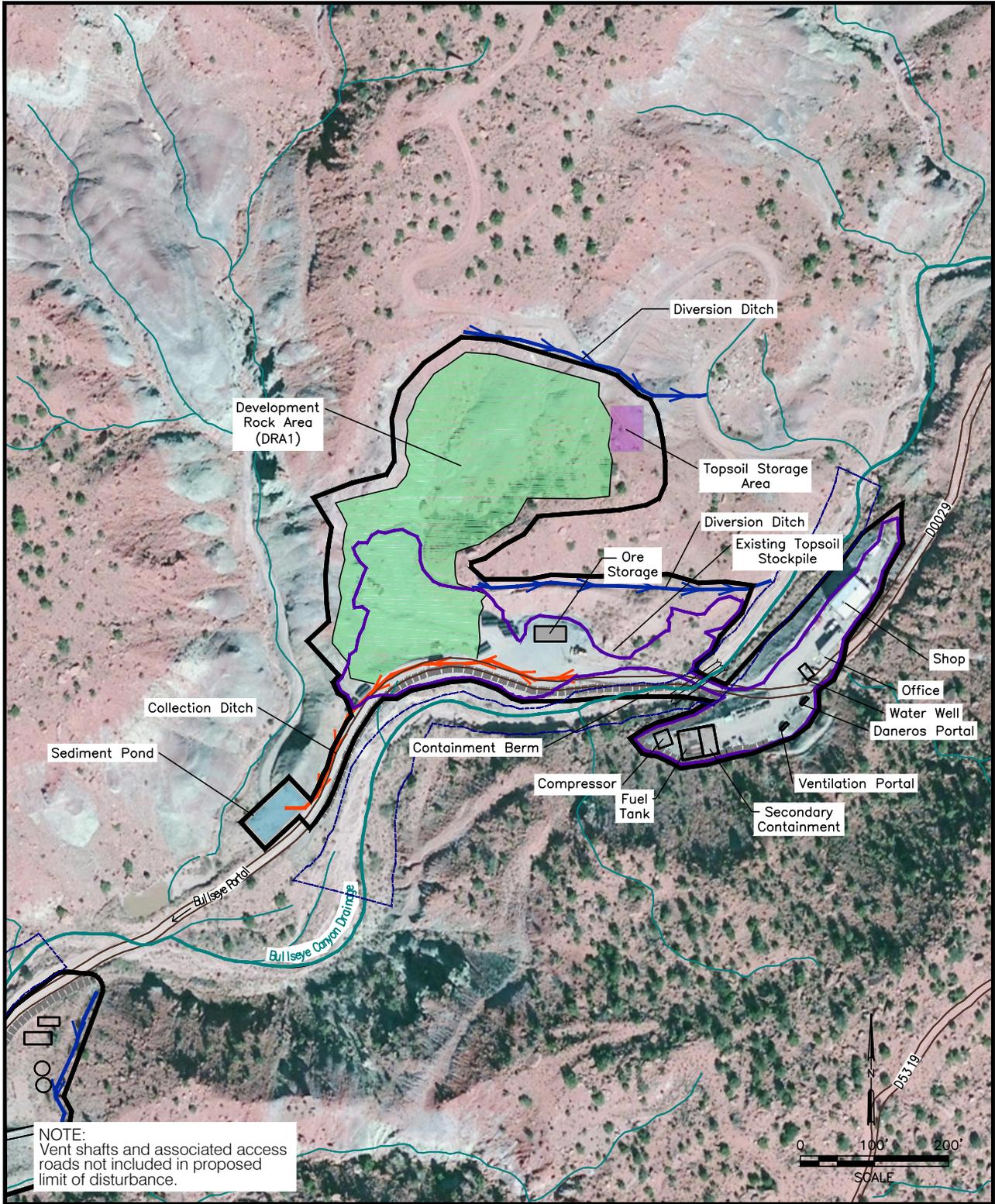


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Figure 2

Access Roads and Vent Shaft Area

Daneros Mine Plan Modification



Legend

- Proposed Limit of Disturbance
- Existing, Bonded Disturbance
- Historic Disturbance
- Existing Roads
- Drainages
- 100-Year Floodplain

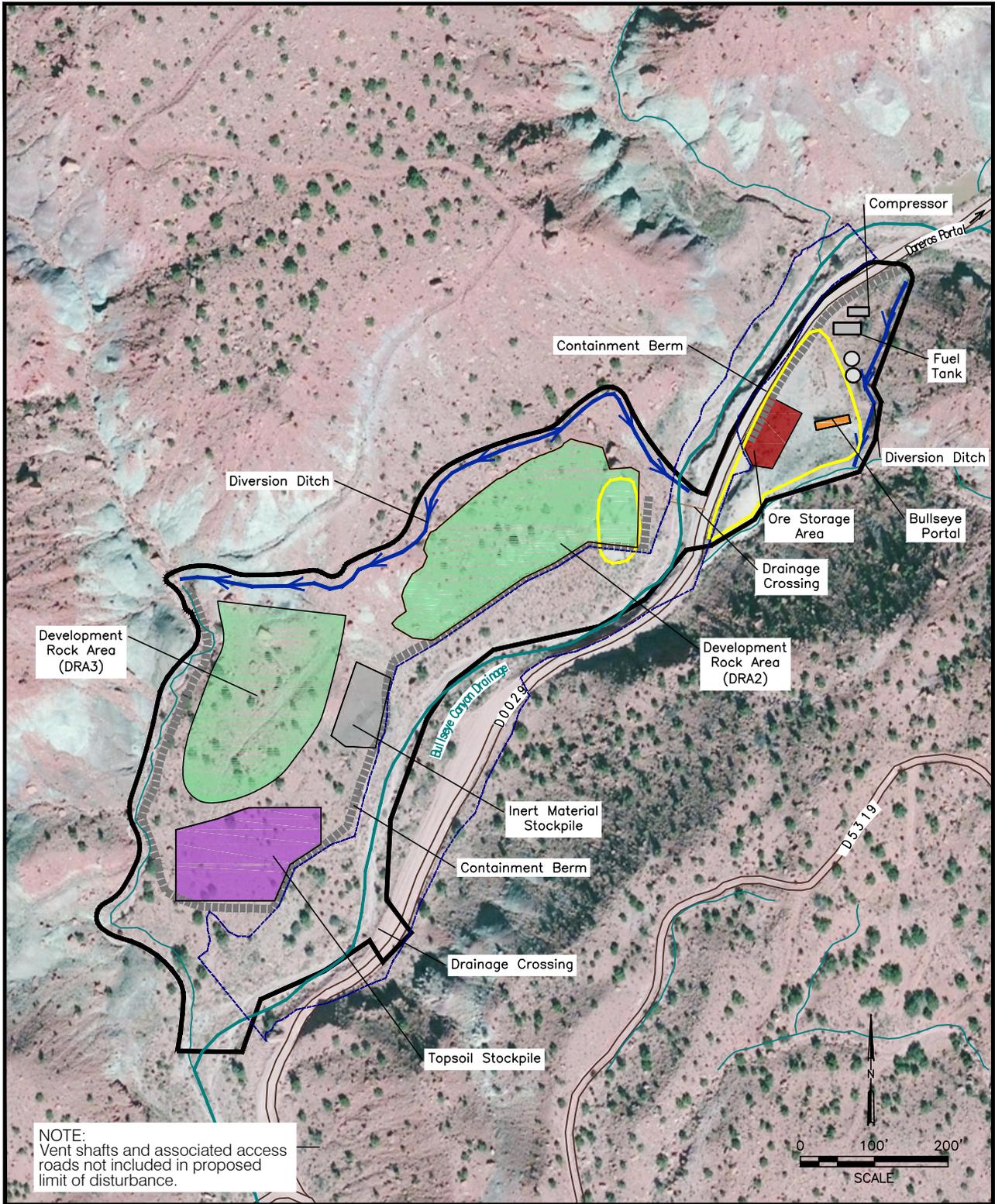


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Figure 3

**Daneros Portal Area
Existing and Proposed Disturbance**

**Daneros Mine Plan
Modification**



Legend

- Proposed Limit of Disturbance
- Existing, Bonded Disturbance
- Historic Disturbance
- Existing Roads
- Drainages
- - - - 100-Year Floodplain

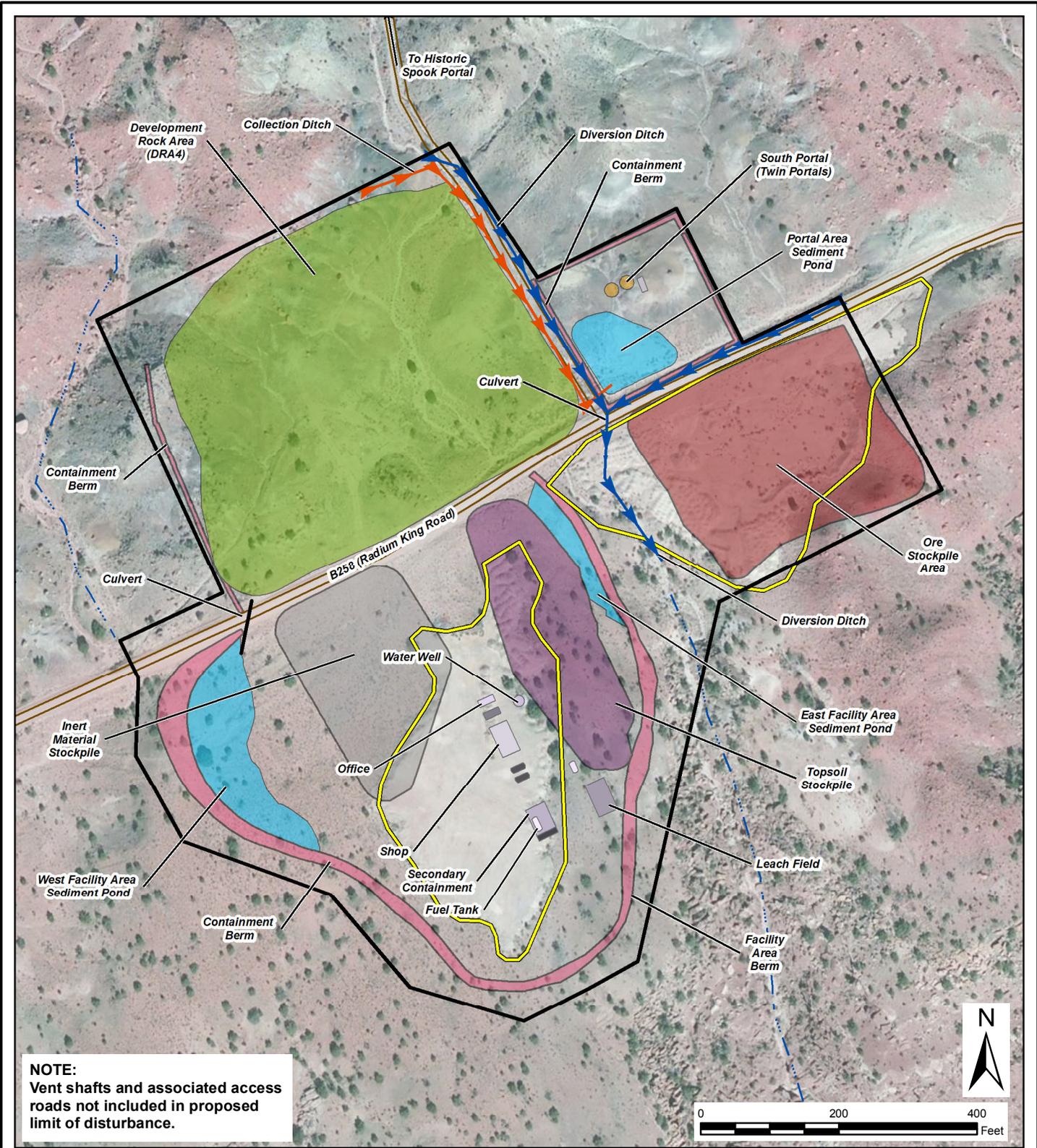


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Figure 4

**Bullseye Portal Area
Existing and Proposed Disturbance**

**Daneros Mine Plan
Modification**



Legend

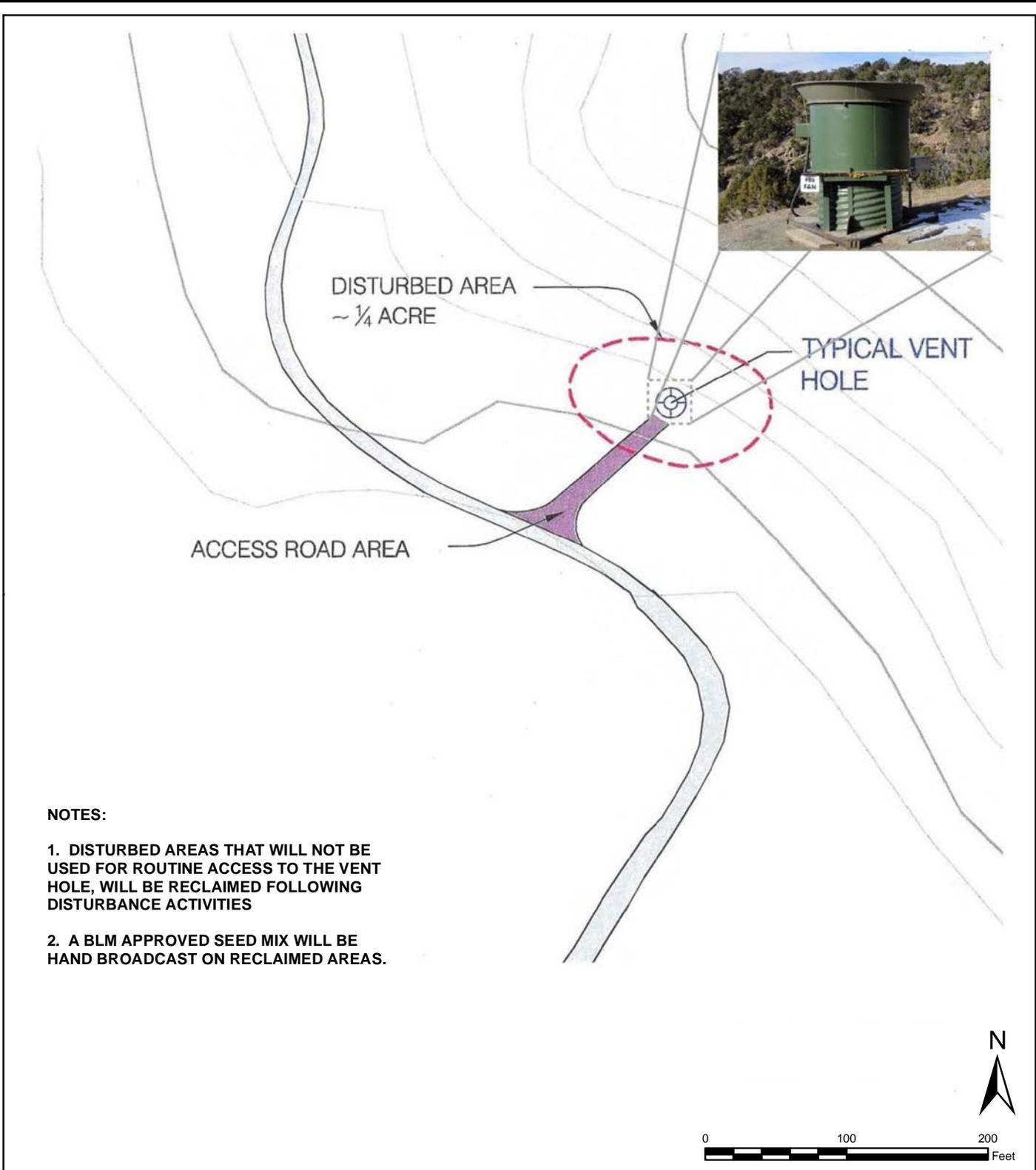
- Proposed Limit of Disturbance
- Existing, Bonded Disturbance
- Historic Disturbance
- Existing Roads
- - - Drainages



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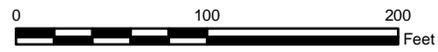
Figure 5
South Portal Area
Existing and Proposed Disturbance
Daneros Mine Plan
Modification

San Juan County, UT 07 / 17 / 2015



NOTES:

- 1. DISTURBED AREAS THAT WILL NOT BE USED FOR ROUTINE ACCESS TO THE VENT HOLE, WILL BE RECLAIMED FOLLOWING DISTURBANCE ACTIVITIES
- 2. A BLM APPROVED SEED MIX WILL BE HAND BROADCAST ON RECLAIMED AREAS.



Legend

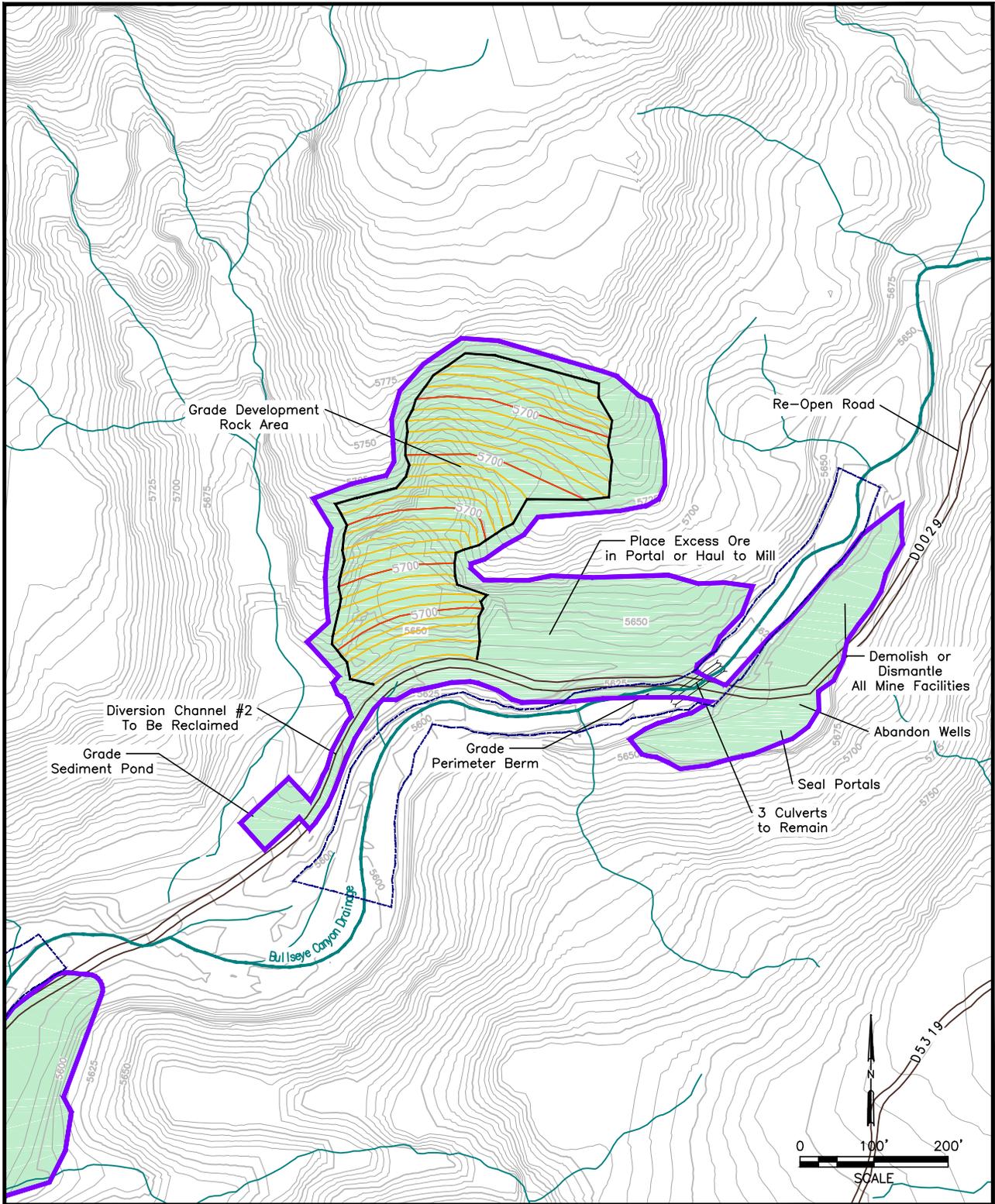
-  VENT HOLE
-  DISTURBED AREA
-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



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Figure 6
Typical Vent Hole Area of Disturbance
Daneros Mine Plan Modification

San Juan County, UT 12 / 12 / 2014



Legend

-  Reclaimed DRA
-  Existing Roads
-  Topsoil, Rip and Seed
-  Existing Contour (25ft.)
-  Existing Contour (5ft.)
-  Proposed Contour (25ft.)
-  Proposed Contour (5ft.)
-  100-Year Floodplain

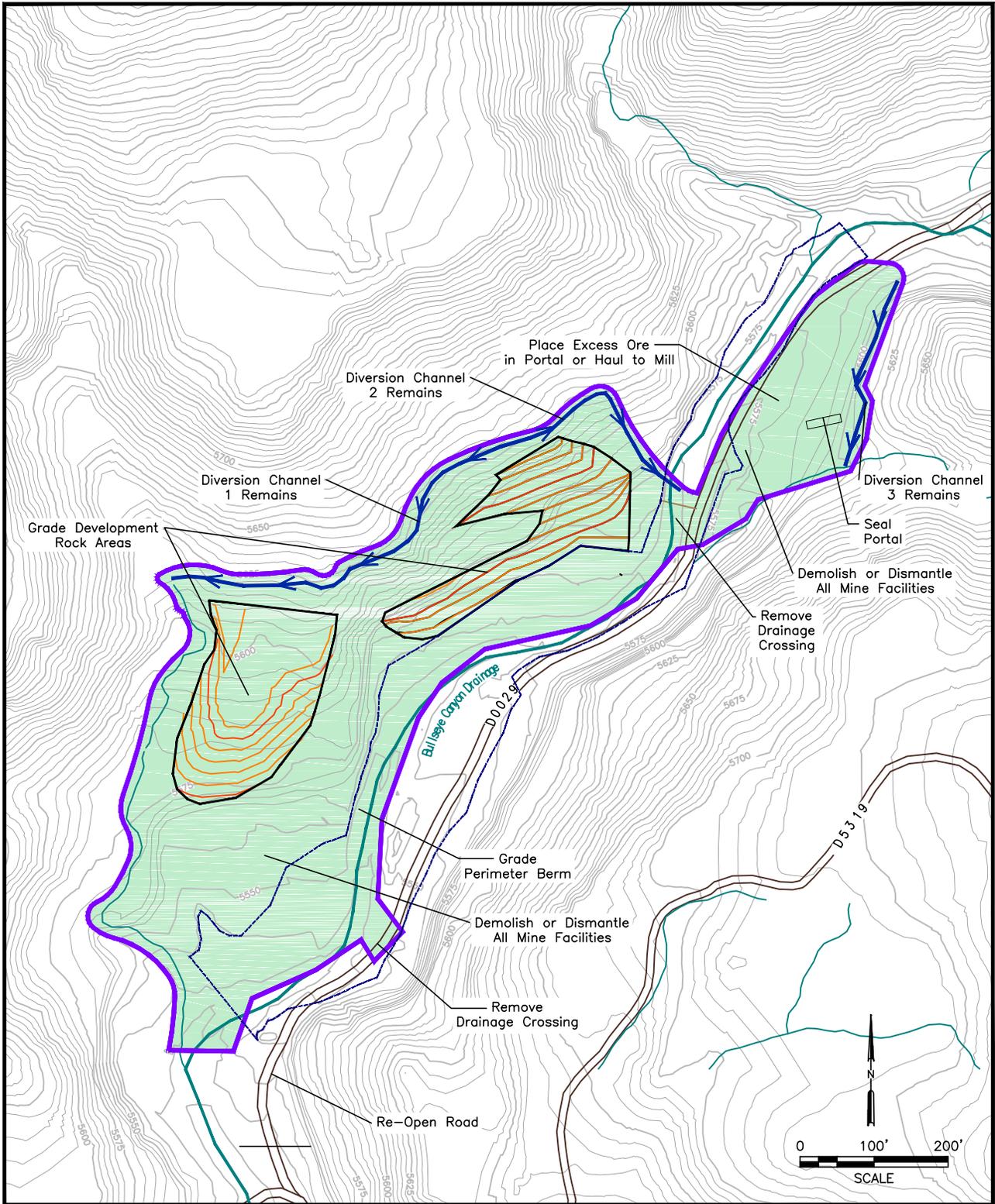


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Figure 7

Daneros Portal Area Reclamation

Daneros Mine Plan Modification



Legend

- Reclaimed DRA
- Existing Roads
- Diversion Channel
- Topsoil, Rip and Seed
- Existing Contour (25ft.)
- Existing Contour (5ft.)
- Proposed Contour (25ft.)
- Proposed Contour (5ft.)
- 100-Year Floodplain

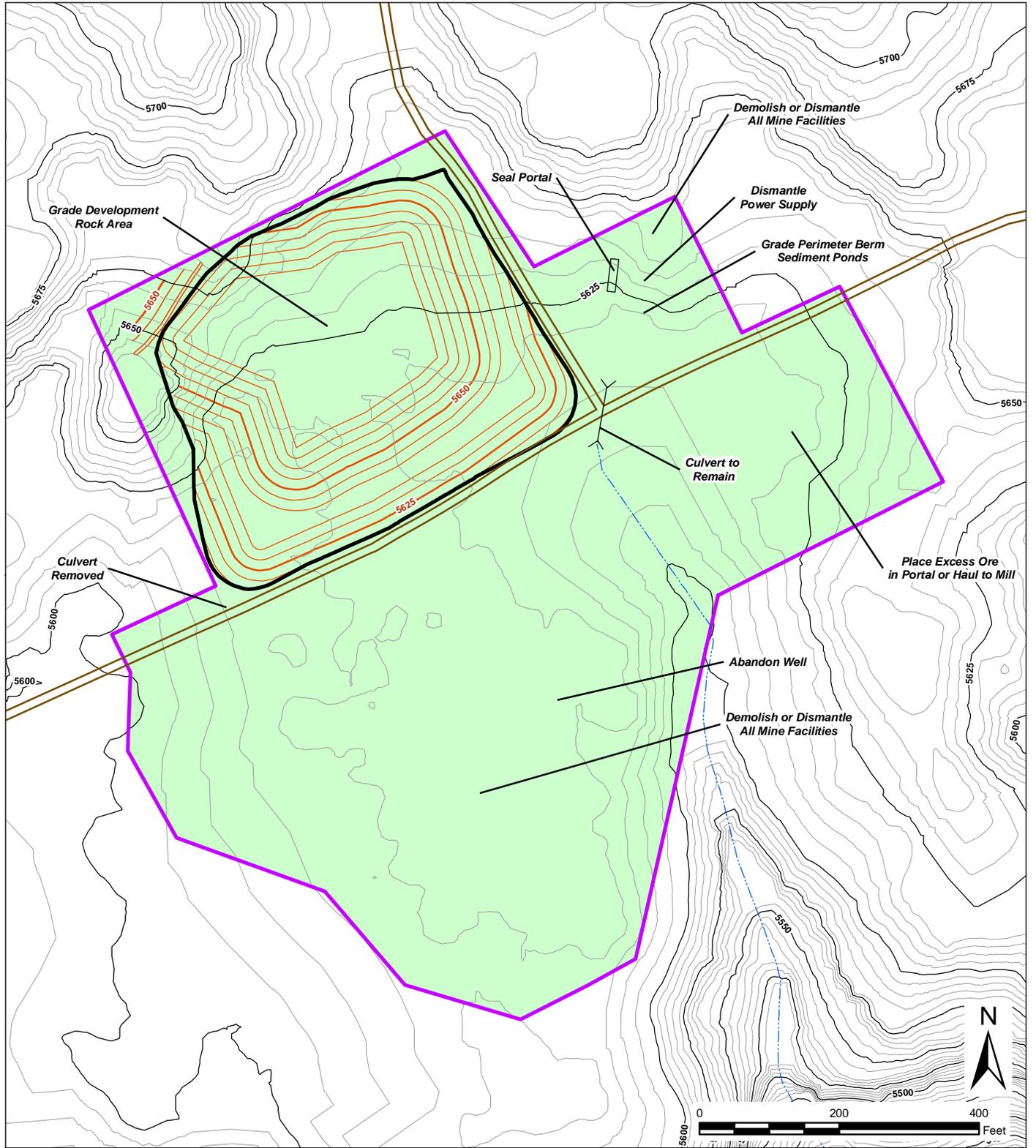


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Figure 8

Bullseye Portal Area Reclamation

Daneros Mine Plan Modification



Legend

- Reclaimed DRA
- Existing Roads
- Topsoil, Rip and Seed
- Existing Contour (25ft.)
- Existing Contour (5ft.)
- Proposed Contour (25ft.)
- Proposed Contour (5ft.)

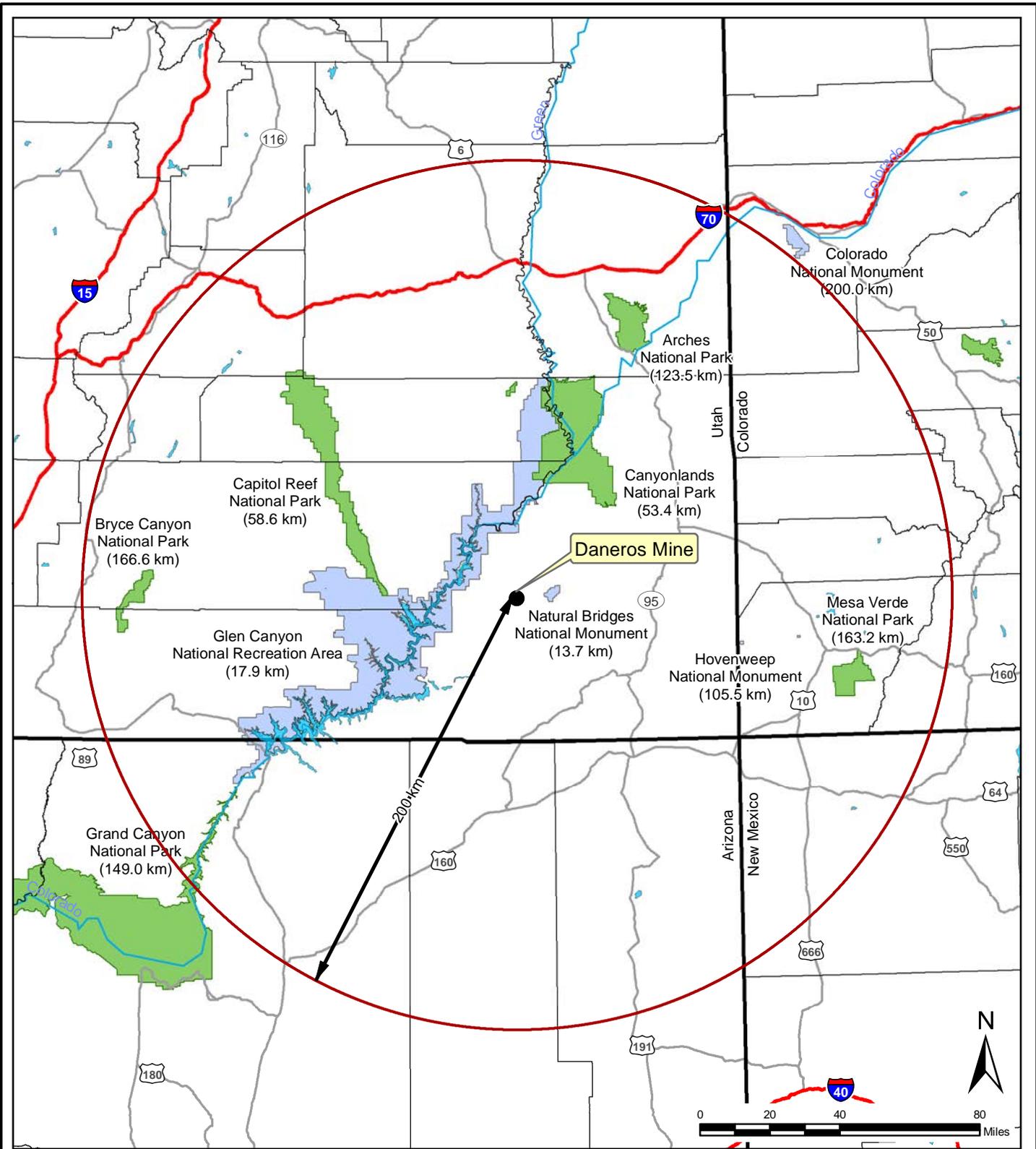


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Figure 9

South Portal Area Reclamation

Daneros Mine Plan Modification



Legend

- Class I Areas
- Sensitive Class II Areas
- Interstate
- Highway

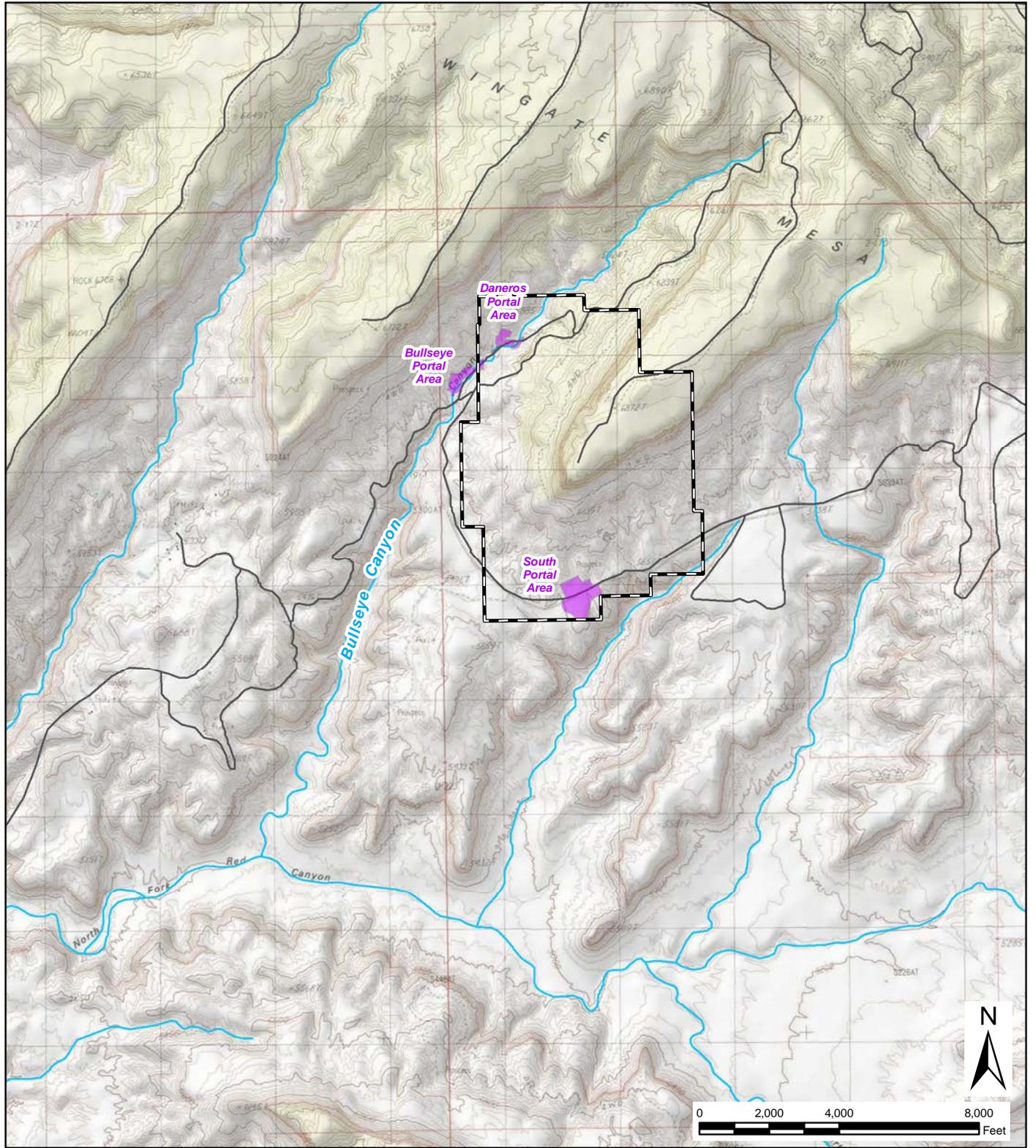


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Figure 10

PSD Class I and Sensitive Class II Areas

Daneros Mine Plan Modification



Legend

-  Proposed Vent Area
-  Proposed Limit of Disturbance
-  Local Roads
-  Existing Drainages



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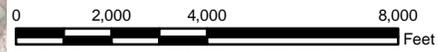
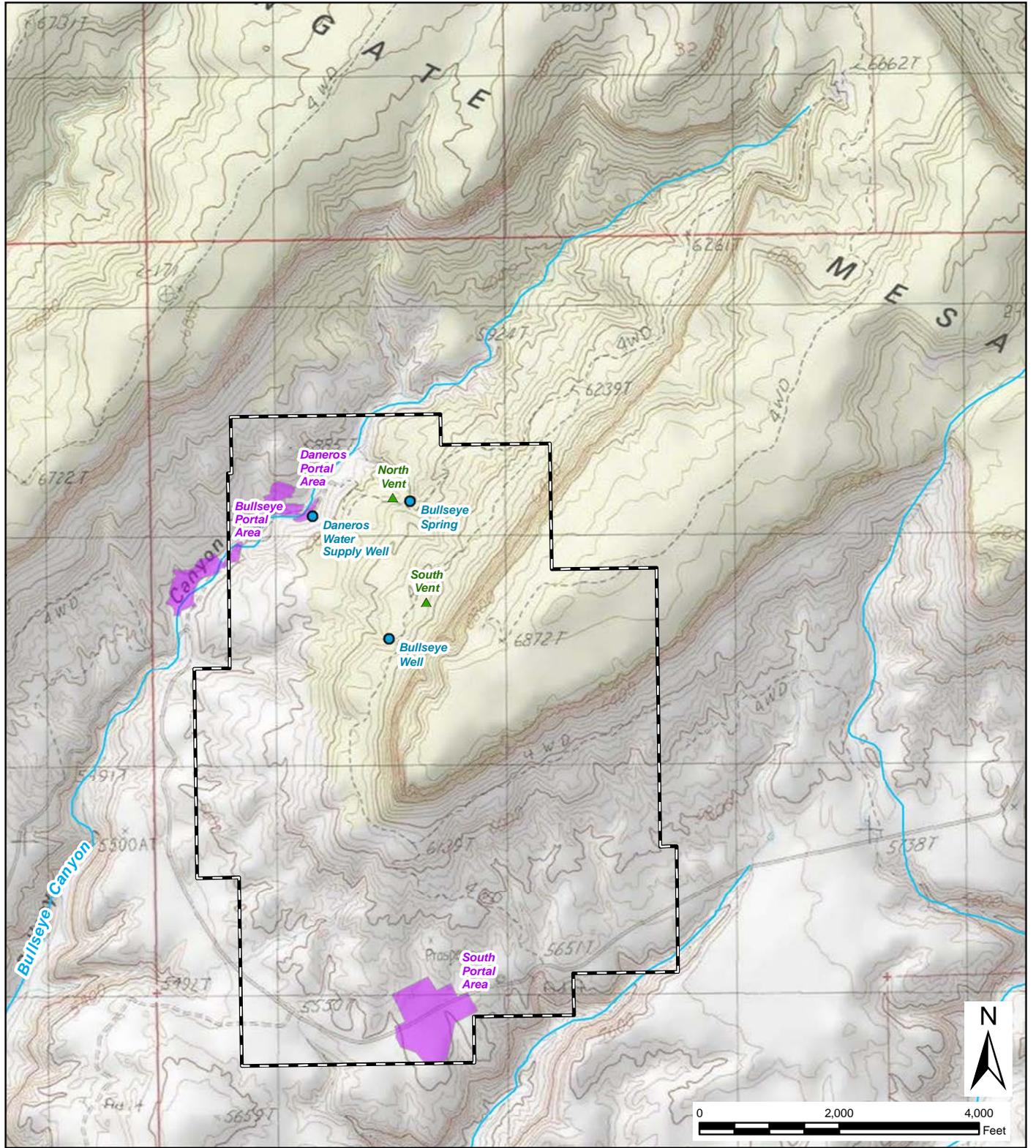


Figure 11

Surface Water

Daneros Mine Plan Modification



Legend

-  Proposed Vent Area
-  Proposed Limit of Disturbance
-  Wells / Spring
-  Existing Vent Shafts
-  Existing Drainages

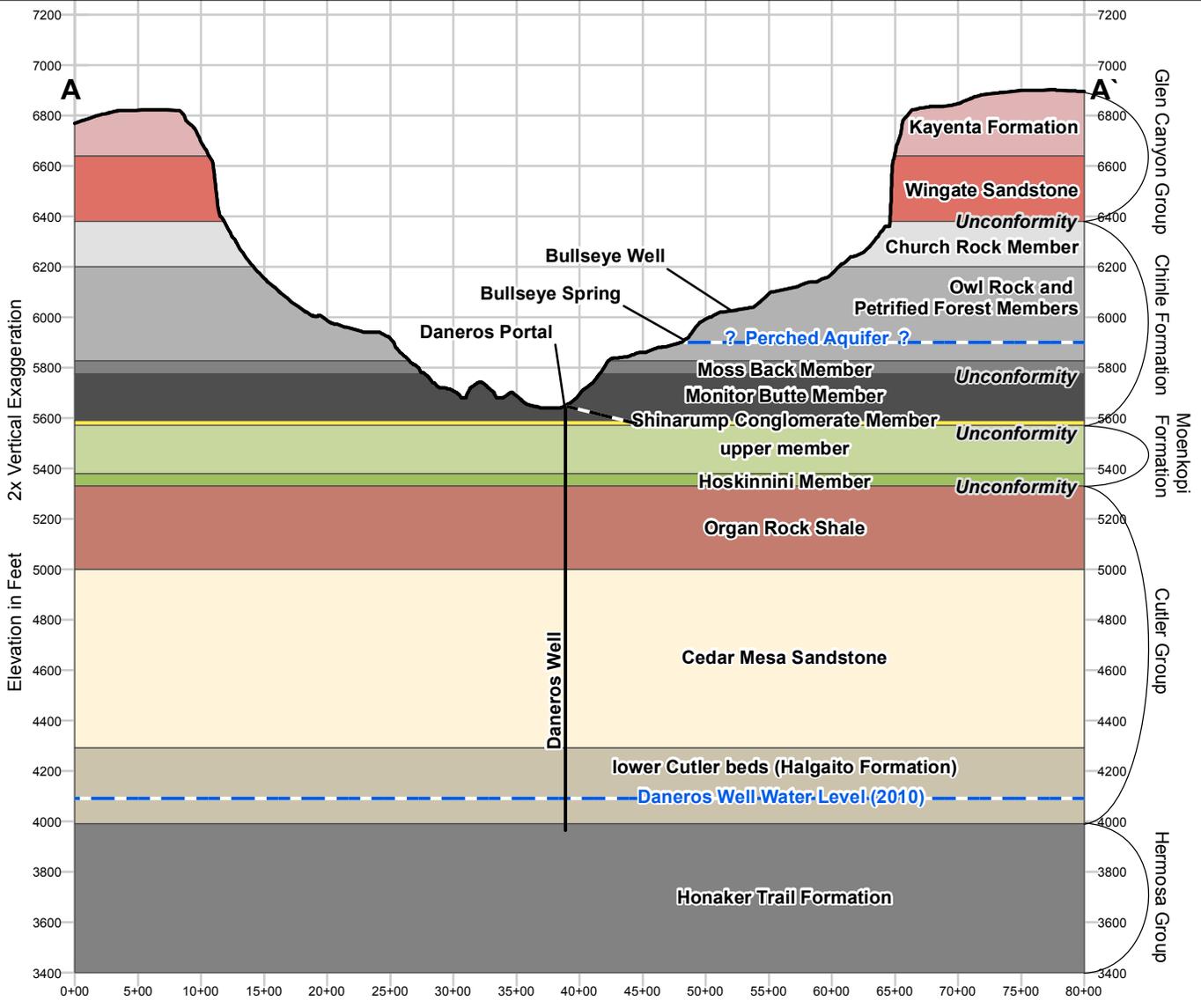


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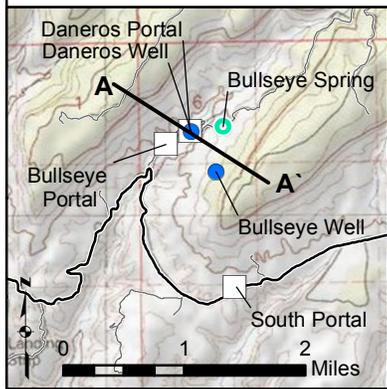
Figure 12

Groundwater

Daneros Mine Plan Modification



Regional Dip to the Southwest of 2.5 Degrees



Source: Interpreted from Thaden 2008, UT Geologic Survey Publication 08-3DM.

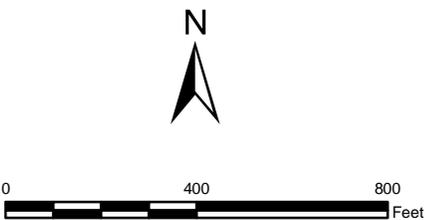
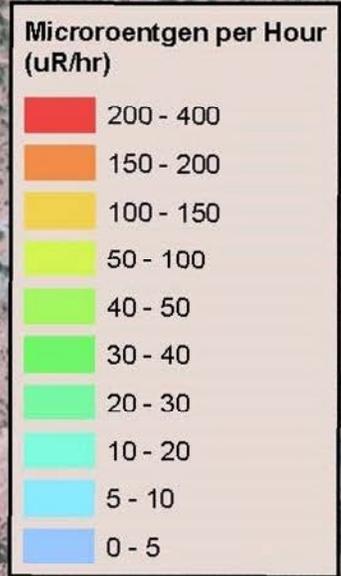
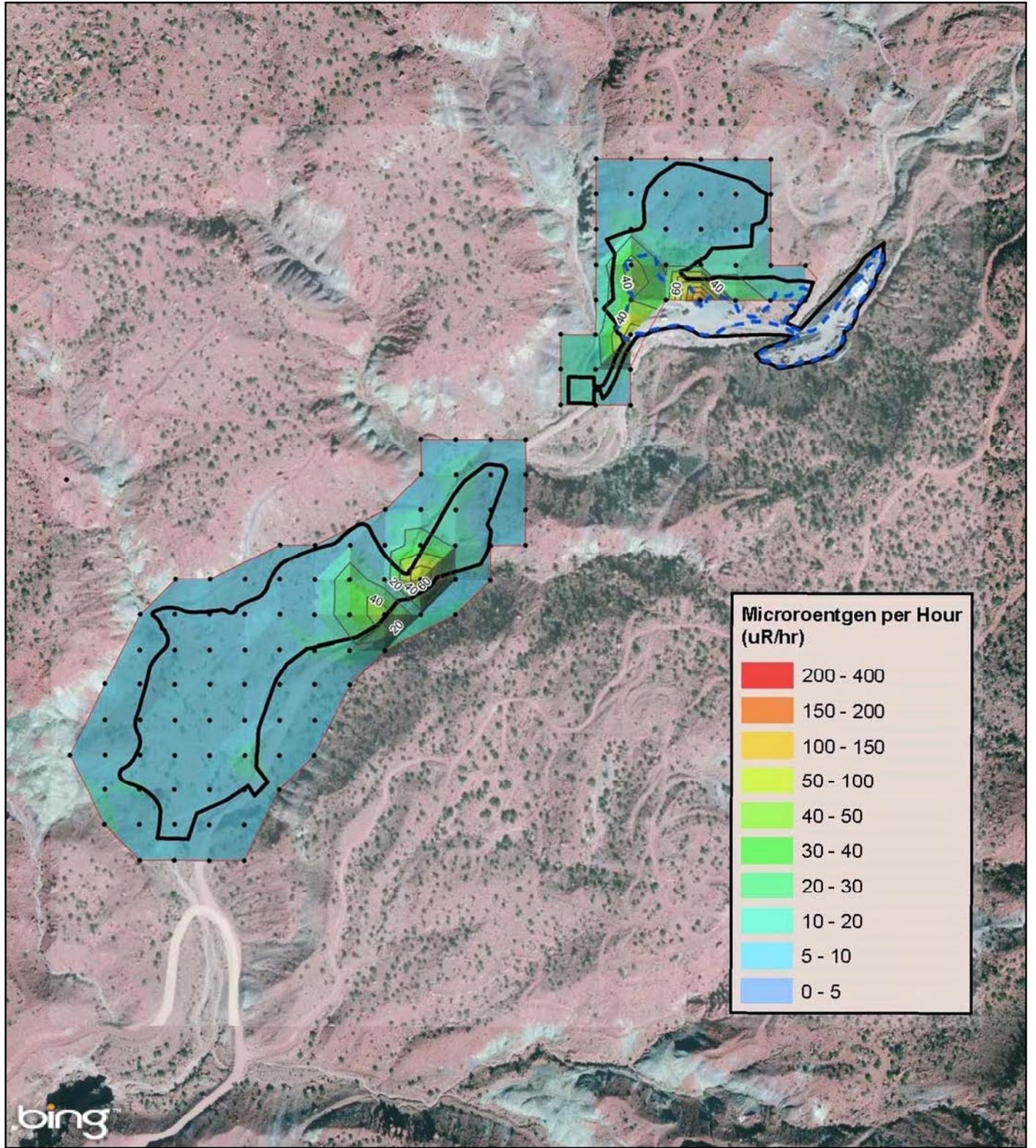
Figure 13

Conceptual Geologic Cross Section

Daneros Mine Plan Modification

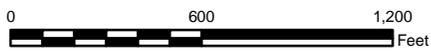
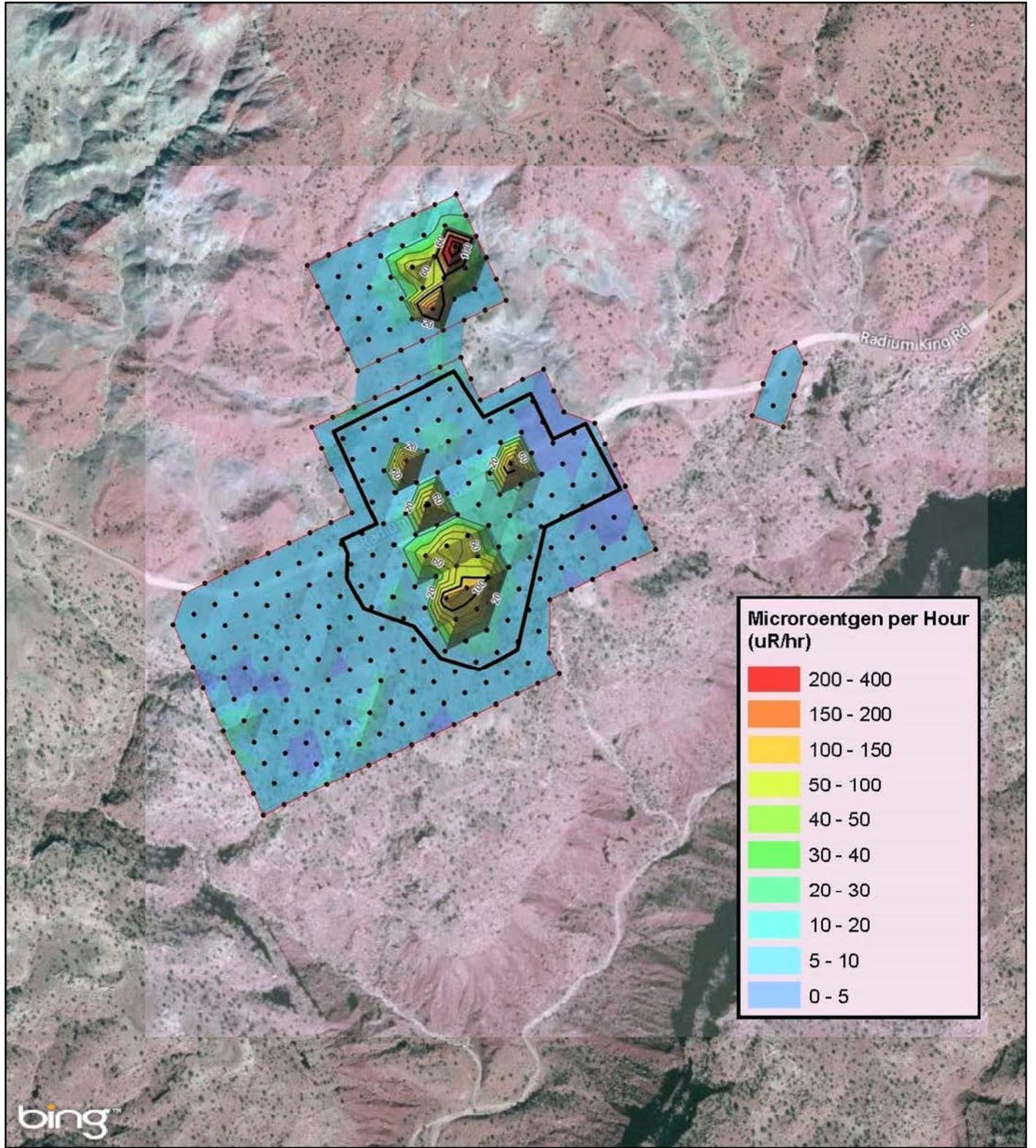


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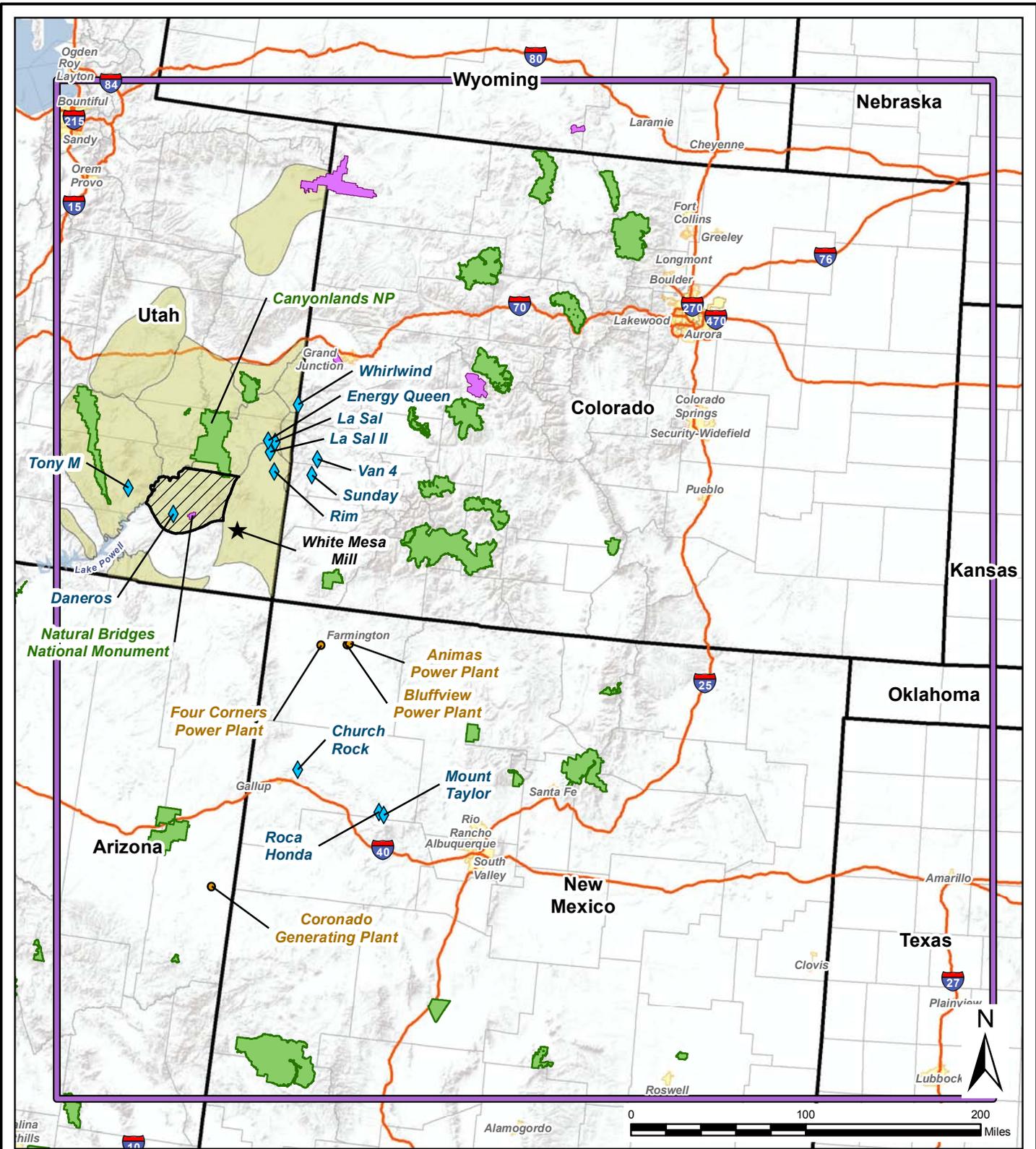
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Figure 14
Gamma Survey
Daneros and Bullseye Portal Areas
Daneros Mine Plan
Modification
 San Juan County, UT 12 / 12 / 2014



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Figure 15
Gamma Survey
South Portal Area
Daneros Mine Plan
Modification
 San Juan County, UT 12 / 12 / 2014



Legend

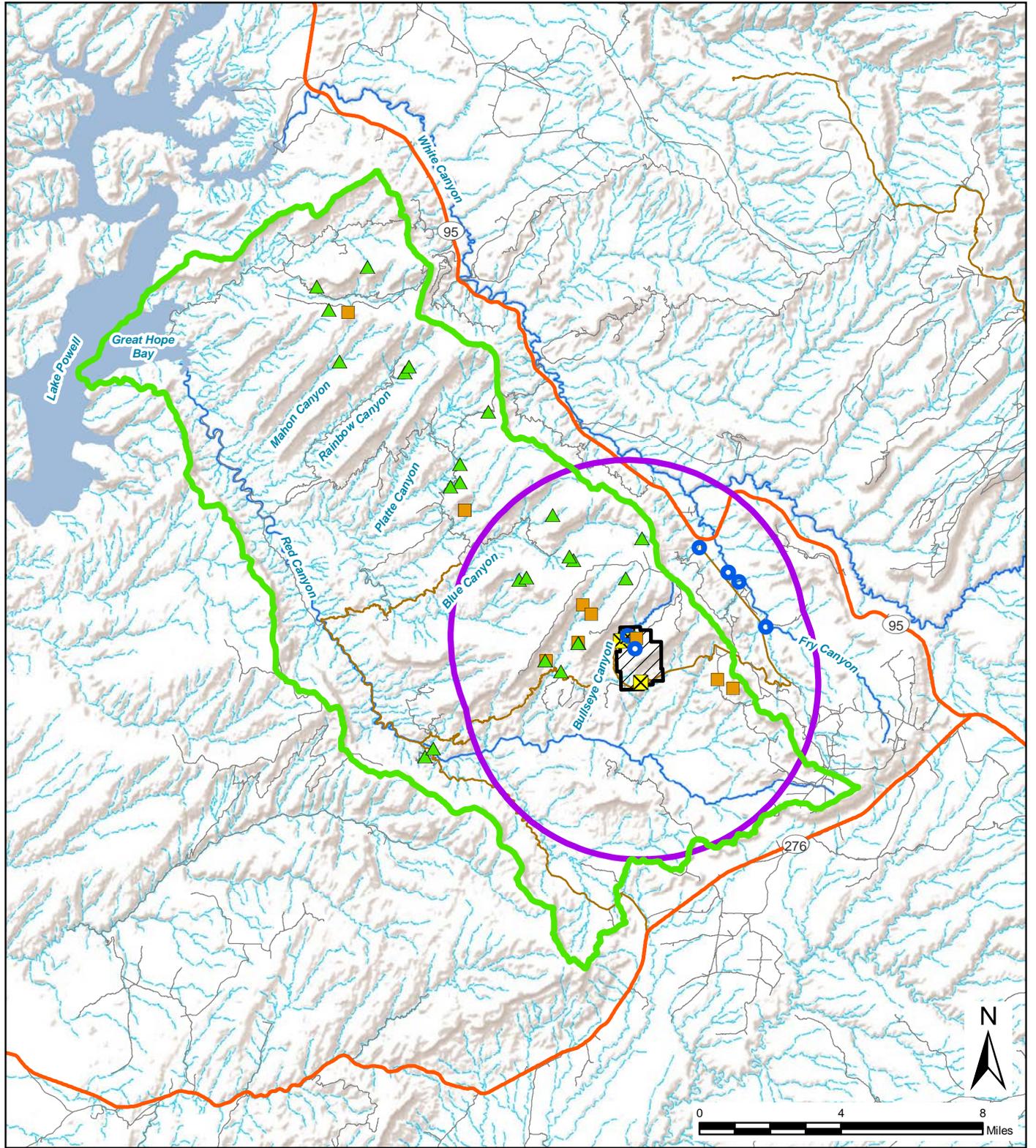
- ★ Operating Uranium Processing Mill
- ◆ Permitted or Planned Uranium Mine
- ▭ Regional CIAA (4km CARMMS)
- ▨ Local CIAA (White Canyon Uranium Area)
- Utah Uranium Mining Area
- Class I Areas
- Sensitive Class II Areas



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Figure 16
Air Quality Cumulative Impact Areas
(Local and Regional)
Daneros Mine Plan
Modification

San Juan County, UT 07 / 17 / 2015



Legend

Surface Water CIAA (Red Canyon Watershed)

Groundwater CIAA

Proposed Vent Area

Water Rights Point of Diversion

Mine Portal

Surface

Highway

Spring

Local Road

Underground

Rural Road

Ephemeral Drainage

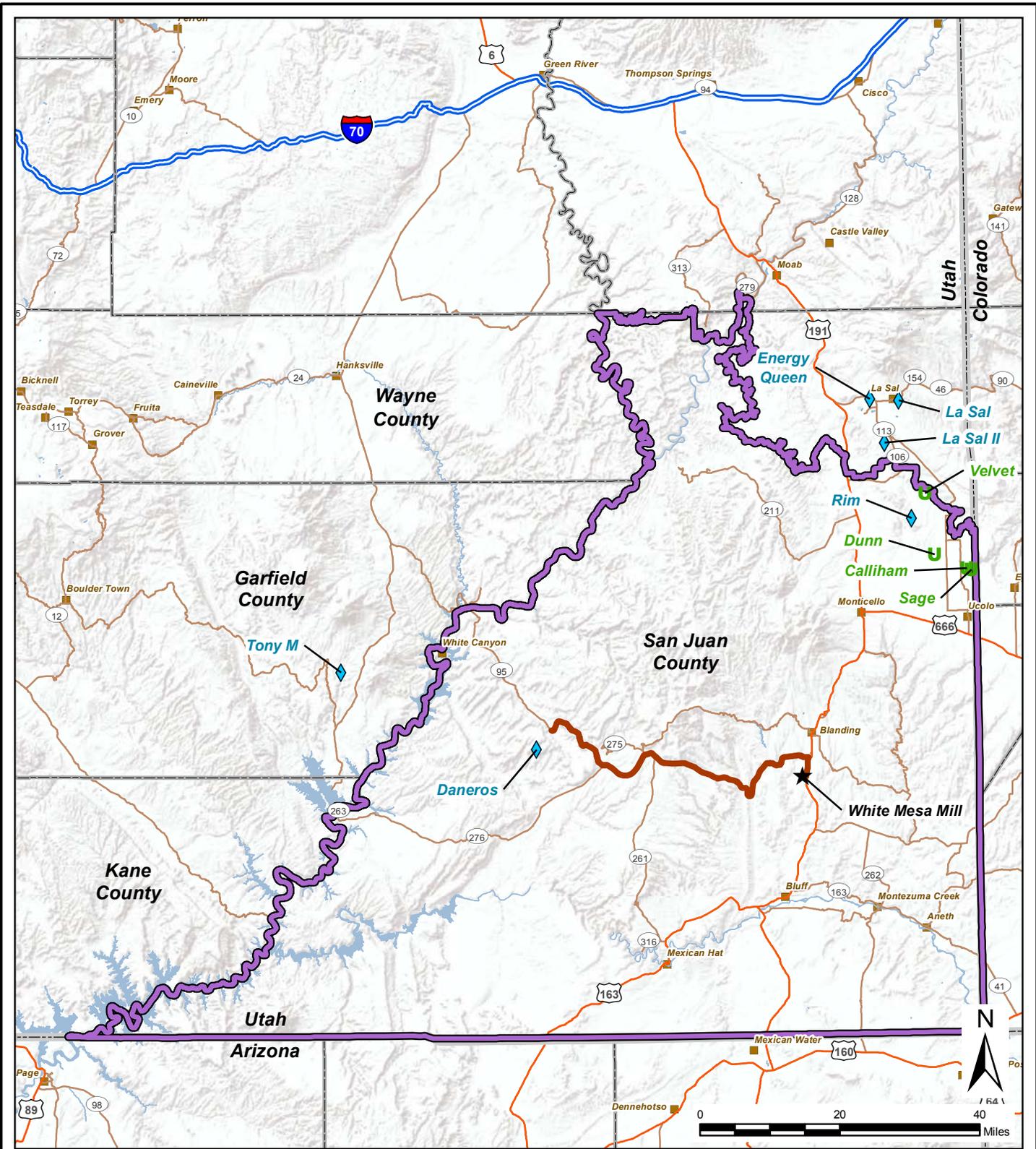


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Figure 17

**Water Quality
Cumulative Impact Area**

**Daneros Mine Plan
Modification**



Legend

- ★ Operating Uranium Processing Mill
- ◆ Permitted or Planned Uranium Mine
- U Possible Future Uranium Mine
- ▭ Radiation CIAA (BLM MFO RMP Planning Area)
- ▭ Transportation CIAA
- Towns



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Figure 18

**Human Health and Safety
Cumulative Impact Areas**

**Daneros Mine Plan
Modification**