



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0150032
Inspection Type:	TECHNICAL
Inspection Date:	Tuesday, July 17, 2012
Start Date/Time:	7/17/2012 9:00:00 AM
End Date/Time:	7/17/2012 1:30:00 PM
Last Inspection:	Tuesday, June 26, 2012

Representatives Present During the Inspection:
OGM Priscilla Burton

Inspector: Priscilla Burton,

Weather: sun, cool

InspectionID Report Number: 3169

Accepted by: jhelfric
7/25/2012

Permitee: **GENWAL RESOURCES INC**
 Operator: **GENWAL RESOURCES INC**
 Site: **CRANDALL CANYON MINE**
 Address: **PO BOX 910, EAST CARBON UT 84520-0910**
 County: **EMERY**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

6,235.80	Total Permitted
27.15	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- Federal
- State
- County
- Fee
- Other

Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Several days of rain made the road to the site treacherous. I met SITLA representatives: Scott Bartlett, Adam Robison, Kerry Ziewlinski at the red gate and we walked down to the slide area below reclaimed pad 6. Walking across the muddy reclaimed site was difficult. A game trail west of the saddle proved to be the easiest route to the reclaimed pads. We evaluated erosion control options to prevent further cutting of the slope.

Inspector's Signature:

Priscilla Burton,
Inspector ID Number: 37

Date Thursday, July 19, 2012



REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Slides and Other Damage

We observed the surface failure below pad #6. (Please refer to Attachment #5 of Appendix 5-22A for pad locations.) This slide is approximately 150 ft. in length and approximately 30 ft. wide. At its head, the cut is 15 ft. high. The soil at the head cut rests on fractured sandstone and is unstable. Last fall, three rows of excelsior logs were installed above the head cut to deflect surface flow away from the cut. There has been no movement since the original slide, but last year there was little snow pack. Loose sediment continues to move down the slide and needs to be stabilized with excelsior logs or wood straw and the slide area needs to be seeded. SITLA representatives are of the opinion that deflecting water away from the head cut may buy time for vegetation to establish on the cut and slide area. Their recommendation was for excelsior logs every 10 - 15 ft. up the slope for a distance of approximately 150 ft. (to the top of the reclaimed pad #6 disturbance). Logs should be placed on a 2% slope from the contour to direct surface flow to the undisturbed vegetation on either side of the cut (measuring from the center of the cut that's a distance of approximately 100 ft. to either side of center). The location of the slide is shown on the attached google earth map.

12. Backfilling And Grading

The site has received a lot of rain over the last 5 days, creating extremely muddy conditions. SCAMP Excavation will return to the site when conditions dry out to continue establishing a trail along the reclaimed SITLA road. We found it much less muddy to walk on the game trail that is on the south side of the East Mountain saddle (see google earth map attached). The possibility of enlarging this game trail rather than establishing the trail on the reclaimed road was discussed, with the SITLA representatives present. The route was walked by the previous delegation to the site on June 26, 2012, but it was decided at that time to keep all trail work within the boundaries of the disturbed area.

13. Revegetation

Grasses on the reclaimed slope below reclaimed pad #2 and above the failure are vigorous and in seed. Some thistle was noted that should be removed when crews are installing excelsior logs.

down to reclaim 7/17/2012 12:12 pm

Game Trail

reclaimed road on SITLA

approximate location of SITLA/USFS boundary

RED GATE

Current Track: 17 JUL 2012 11:0

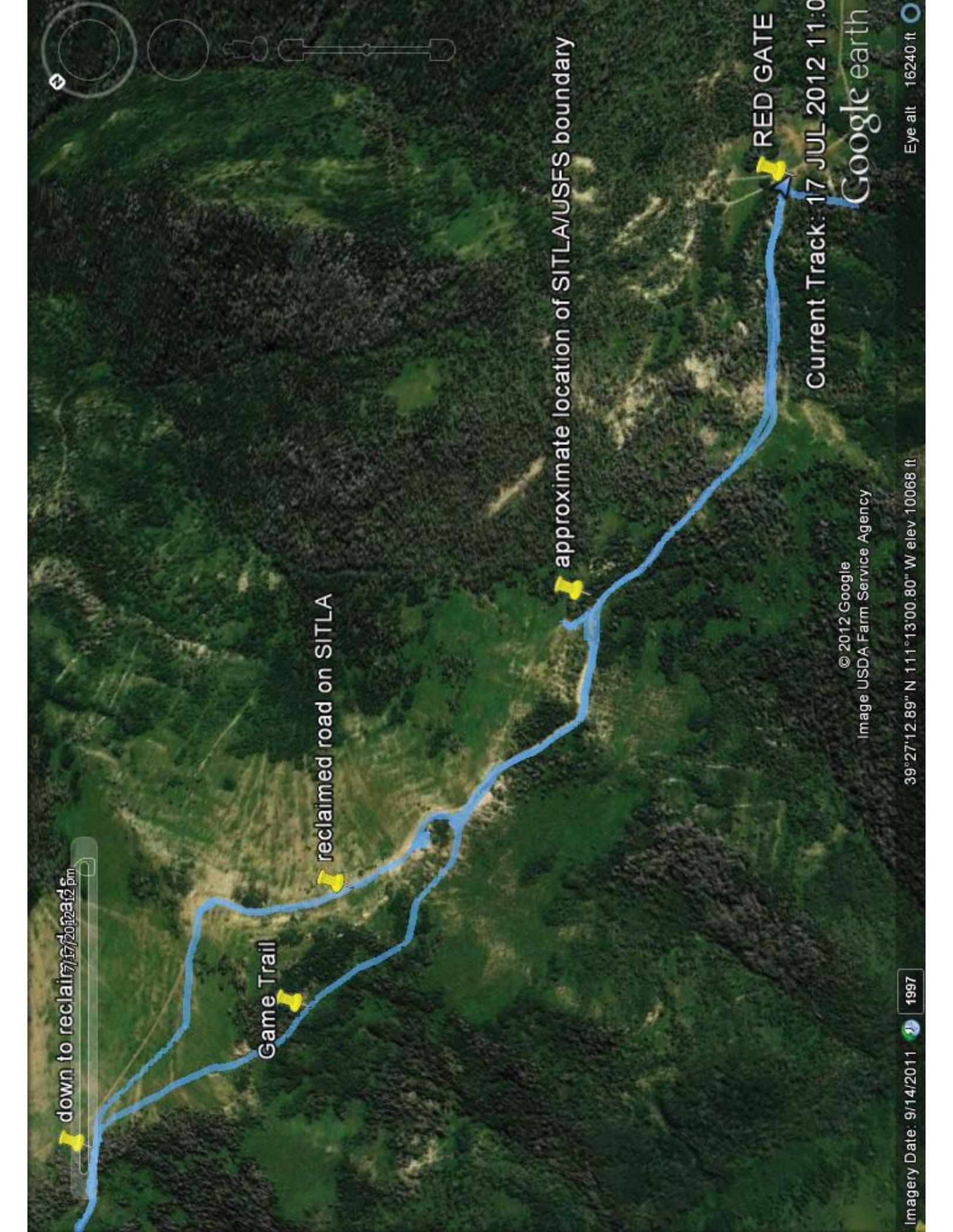
© 2012 Google
Image USDA Farm Service Agency

Google earth

Imagery Date: 9/14/2011

39°27'12.89" N 111°13'00.80" W elev 10068 ft

Eye alt 16240 ft



6/21/2012 12:00 pm
6/21/2012 12:00 pm
7/17/2012 12:00 pm
7/17/2012 12:00 pm

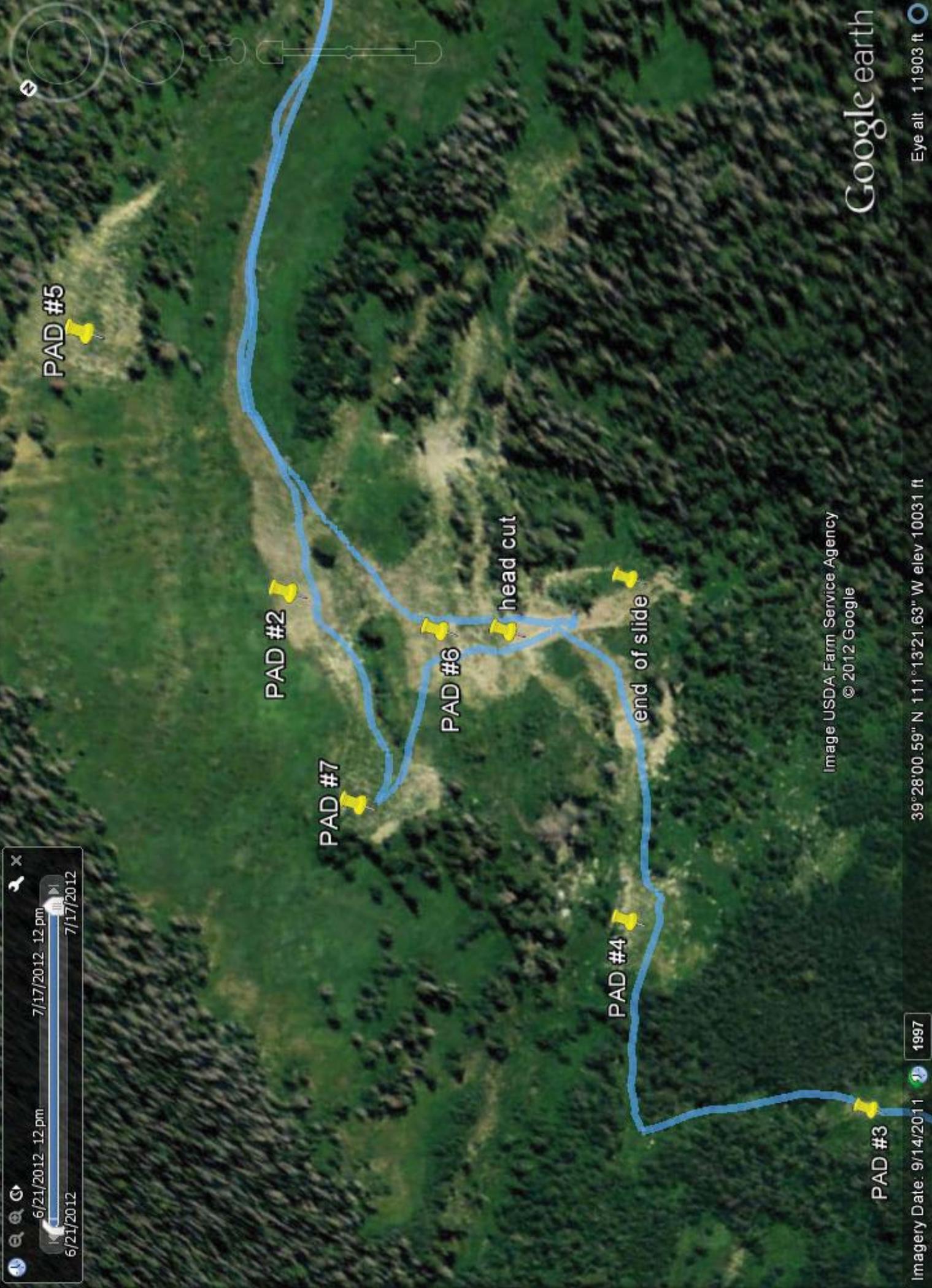


Image USDA Farm Service Agency
© 2012 Google

Google earth

Imagery Date: 9/14/2011

39°28'00.59" N 111°13'21.63" W elev 10031 ft

Eye alt 11903 ft