



**COLORADO**

**Division of Reclamation,  
Mining and Safety**

Department of Natural Resources

1313 Sherman Street, Room 215  
Denver, CO 80203

March 28, 2016

Wilbur F. Benham  
16417 KWNK Road  
P.O. Box 66  
Norton, KS 67654

**Re: Toltec No. 2, Permit No. M-1984-039, Technical Revision**

Mr. Benham,

Attached is the Technical Revision as discussed by the Division, the Board and yourself. This technical revision alters the mining plan to allow for crushing of ore materials on site during the mining season, as well as alters the reclamation plan. The revision to the reclamation plan reduces the area to be seeded, and includes grading of the waste rock pile located near the rock face. Included is also an updated Reclamation Plan Map, as well as an updated site map.

Please review and sign the cover page and the narrative where indicated. This must be signed and returned to the Divisions Denver Office no later than **Monday, May 2<sup>nd</sup>, 2016**. The mailing address for the Denver Office is 1313 Sherman Street, Room 215, Denver, CO 80203. Failure to return the Technical Revision by the above listed date will result in Failure to Comply with a Board Order, and further Board Action. If you have any questions, or require any further information, please feel free to contact me at (970)-243-6368.

Sincerely,

**Lucas West**

Environmental Protection Specialist  
Division of Reclamation Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203  
**Phone:** (970)-243-6368

Cc: Russ Means, Senior Environmental Protection Specialist, GJFO Supervisor  
Encl: Technical Revision Cover Sheet, Narrative, and updated maps





## COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203 ph(303) 866-3567

### REQUEST FOR TECHNICAL REVISION (TR) COVER SHEET

File No.: M- \_\_\_\_\_ Site Name: \_\_\_\_\_

County \_\_\_\_\_ TR# \_\_\_\_\_ (DRMS Use only)

Permittee: \_\_\_\_\_

Operator (If Other than Permittee): \_\_\_\_\_

Permittee Representative: \_\_\_\_\_

Please provide a brief description of the proposed revision: \_\_\_\_\_

As defined by the Minerals Rules, a Technical Revision (TR) is: “a change in the permit or application which does not have more than a minor effect upon the approved or proposed Reclamation or Environmental Protection Plan.” The Division is charged with determining if the revision as submitted meets this definition. If the Division determines that the proposed revision is beyond the scope of a TR, the Division may require the submittal of a permit amendment to make the required or desired changes to the permit.

The request for a TR is not considered “filed for review” until the appropriate fee is received by the Division (as listed below by permit type). Please submit the appropriate fee with your request to expedite the review process. After the TR is submitted with the appropriate fee, the Division will determine if it is approvable within 30 days. If the Division requires additional information to approve a TR, you will be notified of specific deficiencies that will need to be addressed. If at the end of the 30 day review period there are still outstanding deficiencies, the Division must deny the TR unless the permittee requests additional time, in writing, to provide the required information.

There is no pre-defined format for the submittal of a TR; however, it is up to the permittee to provide sufficient information to the Division to approve the TR request, including updated mining and reclamation plan maps that accurately depict the changes proposed in the requested TR.

Required Fees for Technical Revision by Permit Type - Please mark the correct fee and submit it with your request for a Technical Revision.

<u>Permit Type</u>	<u>Required TR Fee</u>	<u>Submitted</u> (mark only one)
110c, 111, 112 construction materials, and 112 quarries	\$216	<input type="checkbox"/>
112 hard rock (not DMO)	\$175	<input type="checkbox"/>
110d, 112d(1, 2 or 3)	\$1006	<input type="checkbox"/>

March 22, 2016

Lucas West  
Environmental Protection Specialist  
Division of Reclamation, Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203

**Re: Technical Revision Request, M-1984-039, Toltec No. 2**

Mr. West

I am requesting a Technical Revision of the mining and reclamation plans for the approved permit listed above to satisfy the requirements of the Board Order signed on March 3, 2016. Please find the descriptions and enclosed maps for the information that is to be revised.

**Exhibit B- Mining Plan**

For more efficient transport of ore materials offsite, a Jaw Crusher will be used to crush ore to 2" or smaller pieces. The crusher is a mobile unit that requires no permanent structure. No water or other chemicals will be used in the crushing process to prevent the possibility of any Acid Rock Drainage. Crushing will be intermittent and on a small scale, requiring no water for dust mitigation.

The crushed material will be loaded into five gallon buckets for transport offsite. No support equipment will be required. The Jaw crusher will be removed from the site at the conclusion of each mining season and stored securely, offsite. Mining will not proceed underground, only minimal surface disturbance.

**Exhibit E- Reclamation Plan**

The disturbed areas will be reclaimed to support a post mining land use of pastureland, and match the surrounding undisturbed areas. The waste Rock pile as identified on the attached map, will be pushed back against the rock face and graded to match surrounding rock outcroppings. The salvaged topsoil will be spread over the disturbed area, approximately .1 acres and reseeded with the attached seed mix. Also please see the table below for seeding method, mulching and seed bed preparation. As stated in the original permit the access roads will be left on the property.

Task	Method/product	Area/ Amount
Seed bed preparation	Hand raking	.1 acre
Seeding *seed mix and rates below*	Broadcast	.1 acre
Fertilizer	Generic, granular, 10-34-0 or similar	.1 acre
Mulching	Straw mulch, hand crimped	2000 lbs/acre

*Seed Mix*

<b>Seed Mix</b>	<b>Variety</b>	<b>Rate- PLS LBS/ Acre</b>
Bluebunch wheatgrass	Secar	2.4
Intermediate Wheatgrass	Rush	3.00
Pubescent Wheatgrass	Luna	2.8
Sheep Fescue	Covar	.80
Thickspike Wheatgrass	Critana	2.20

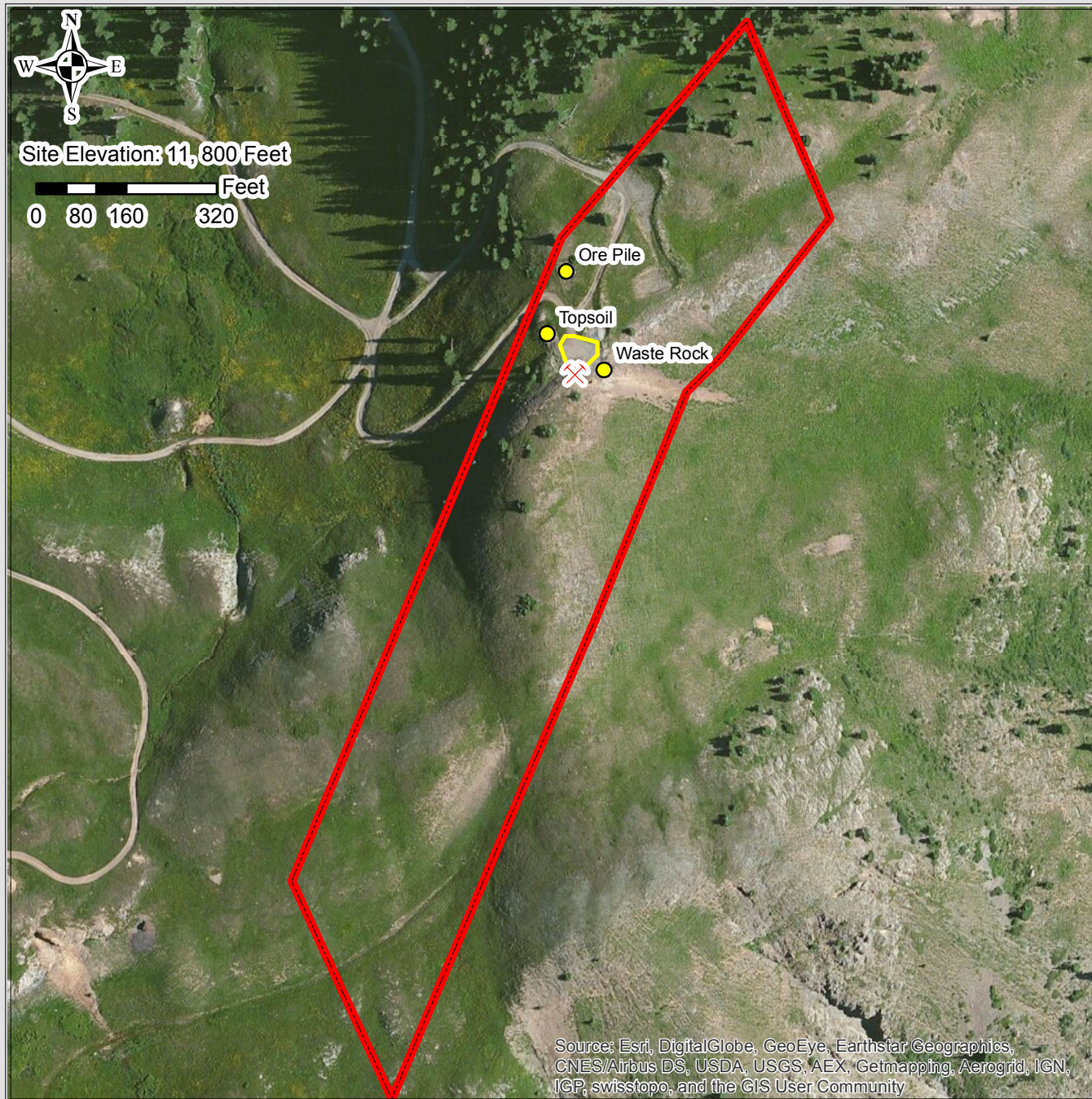
The map included accurately depicts the permitted area and boundary lines. Please contact me with any questions.

Sincerely,

Wilbur F. Benham



## Exhibit E- Reclamation Plan Map



Prepared By:  
Wilbur F. Benham  
\*\*Permit Boundary is Approximate,  
Based on Original Permit Maps\*\*

### Description

#### Stockpiles



#### Rock Outcrop



#### Revegetation Area

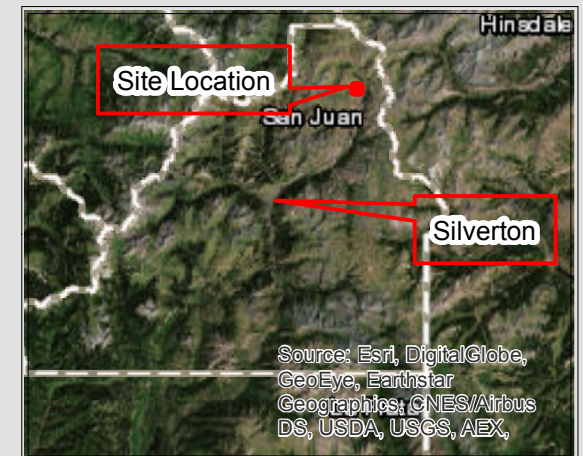


.1 Acres

#### Approximate Permit Boundary

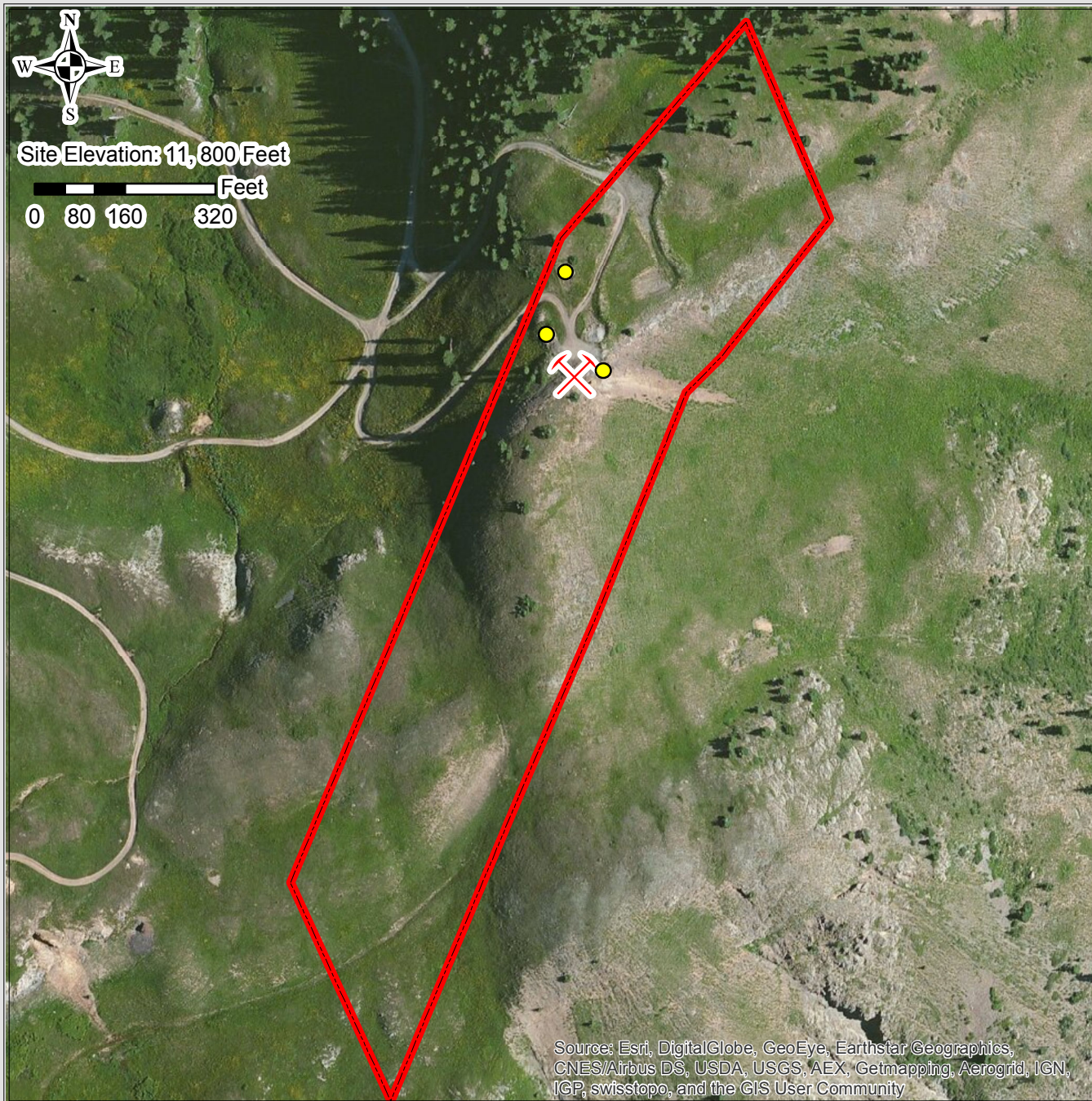


8 Acres





# M-1984-039 Toltec No. 2 Site Map



Prepared By:  
Wilbur F. Benham  
\*\*Permit Boundary is Approximate,  
Based on Original Permit Maps\*\*

## Description

### Stockpiles



### Rock Outcrop



### Approximate Permit Boundary



8 Acres

