




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME: Munroe Gypsum Quarry	MINE/PROSPECTING ID#: M-1977-002-HR	MINERAL: Anhydrite, gypsum	COUNTY: Larimer
INSPECTION TYPE: Surety Release Inspection	WEATHER: Cloudy	INSP. DATE: April 24, 2025	INSP. TIME: 13:00
OPERATOR: Colorado Lien Company	OPERATOR REPRESENTATIVE: Dana Melage	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Surety Release Requested	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$177,051.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Joel Renfro	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 15, 2025	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION-- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

The Munroe Gypsum Quarry was inspected by Joel Renfro with the Colorado Division of Reclamation, Mining and Safety (Division/DRMS) on April 24, 2025 in response to an acreage reduction request (AR-2), which was filed on March 12, 2025. Dana Mellage was present during the inspection and represented Colorado Lien Company. **Photos 1-16** taken during the inspection are included with this report.

The Munroe Gypsum Quarry is a 112c operation permitted for the extraction of gypsum. The permit area is 240 acres, with 70.7 acres of allowed disturbance. The current active mining is in the southern permit area, but there are two other areas identified in the northern permit area that have been identified as areas that will be mined in the future.

Although this inspection was mainly focused on the portions of the site requested to be released, the Division did observe the active mining pit along with some recent reclamation work that the operator began work on last year. The site was not active at the time of inspection, but the active mining area had recently been blasted. The area south of the active mining is currently in reclamation. The reclaimed slopes appeared to be graded to 3H:1V or steeper and had been seeded. Some new growth was observed during the inspection.

In AR-2, 13.4 acres were requested to be released from the permit area. This release request includes two areas that are located north of the active mining area. One release block is 1.4 acres and south of the access road, and another block is 12 acres and north of the access road.

It's estimated that these areas have been in reclamation for nearly 10 years now. Most of the vegetation in the release areas is comprised of native rabbit brush with an understory of native grasses. It is still early in the growing season, so most of the vegetation on site is either dormant or just starting to show signs of new growth. This site is approximately 6000 feet in elevation, well within the foothills. The climate in these regions trends towards cool temperatures and high precipitation. Based on these climate factors and the vegetation throughout the surrounding area, it appears that short grasses and sparse shrubs are what to expect in this area, which is generally what was observed in the reclaimed areas. No noxious weeds were observed during the inspection.

About 12 acres were requested to be released in the northern release block just north of the access road. This area gradually inclines from the access road and is a mostly south-facing slope. The vegetation appeared well established and self-sustaining. It was observed that this block appears to be consistent with the vegetative cover of the surrounding area during the inspection and on satellite imagery. Most of the vegetation in this area was made up of perennial, native plants, and the lack of noxious weeds, nuisance weeds, or abundant annuals suggests that this is a self-sustaining ecosystem. Based on these observations, the Division will be releasing the 12-acre block.

The southern 1.4-acre release block looked similar to the northern block, comprised mostly of rabbit brush with short native grasses throughout the understory. This block slopes down from the road, and it appears that water drains into this area. The vegetation appeared more dense and the rabbit brush were larger than the ones found in the northern block. However, this block is much closer to the active mining boundary. This release block, while appearing reclaimed, is also affected by the nearby mining. The southern boundary of the release block has been mined directly up to, and material from the mined slope is falling into the release block. Additionally, the active pit has been, and will be, blasted to loosen up mined material. Some fly rock was observed during the inspection on the access road to the site, past the release block, as well as some smaller fly rock within the block. If this block were to be released, any future disturbance that impacts this block would be classified as off-site damage and could be subject to a possible violation. None of this is an issue at the moment since the

block is within the permit boundary. Because of the proximity to the active mining and high risk for future off-site damage, the Division will not approve the release of these 1.4 acres.

The areas requested to be released are in the middle of the permit area. The shape of the permit boundary will not change on the outskirts of the boundary, but rather in the middle of the permit area. Please note that once the release of the 12-acre block is finalized, the Division will require a technical revision submitted to our office to officially update the mining and reclamation plan maps since this approval inherently changes these maps and plans. Within the technical revision, please describe or show how this released area will be marked since the permit boundary needs to be marked as detailed in Rule 3.1.12(2).

Based on the observations made during this inspection, the request for an acreage reduction for the 12 acres north of the access road will be approved. The request for an acreage reduction for the 1.4 acres south of the access road will be denied. This release of 12 acres will reduce the permit area to **228 acres** from 240 acres.

Notice of the Division's decision regarding the release request will be sent under a separate cover letter.

This concludes the report.

Any questions or comments regarding this inspection report should be forwarded to Joel Renfro at the Colorado Division of Reclamation, Mining, and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, via telephone at (720) 812-2002, or email at joel.renfro@state.co.us.

PHOTOGRAPHS



Photo 1. The access road into the site, the requested release blocks are on either side of this road, looking east.



Photo 2. The northern release block from the access road, looking northeast.



Photo 3. Reclamation on the northern release block, looking east.



Photo 4. Reclamation on the northern release block, looking north.



Photo 5. Reclamation on the northern release block, looking west.



Photo 6. Posts near the edge of the requested release area, looking north.



Photo 7. The southwest corner of the northern release block, looking southwest.



Photo 8. Image from the eastern edge, looking into the reclaimed area in the northern release block, looking northwest.



Photo 9. A berm between the access road and the southern release block, looking east.



Photo 10. Reclamation within the southern release block, looking west.



Photo 11. Reclamation within the southern release block, looking east.



Photo 12. Southern edge of the southern release block near the active mining area, looking east.



Photo 13. Southern edge of the southern release block, looking south.



Photo 14. Southern edge of the southern release block, looking northwest.



Photo 15. View of the active mining area, looking south.



Photo 16. Recent reclamation work near the active mining area, looking southeast.

Inspection Contact Address

Dana Mellage
Colorado Lien Company
P.O. Box 440
Rapid City, SD 57709

Encl: AR-2 Application

CC: Mike Golliher, Colorado Lien Company
Amy Eschberger, DRMS



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

REQUEST FOR FULL OR PARTIAL RELEASE OF PERMIT AREA/SURETY REDUCTION

Please indicate if you are requesting:

FULL/FINAL RELEASE OF ENTIRE PERMITTED AREA (per Rule 4.17)

☐

ACREAGE REDUCTION (PARTIAL RELEASE per Rule 4.17)

☒

I wish to release 13.4 acres at this time.

You will need to submit with this request: a map showing the acreage to be released from the current permit and updated mining and reclamation plan maps that will accurately depict the new permit boundary if the release is approved.

SURETY (Bond) REDUCTION (per Rule 4.14)

☐

If you are requesting a surety (bond) reduction you will need to include with this request a new estimate of the actual cost to reclaim the site based on what it would cost an independent contractor to complete reclamation, including unit costs for reclamation activities as appropriate to the operation to comply with the provisions of Rule 3.1 and the Permit's approved Reclamation Plan.

File No.: M 1977-002-HR Site Name: Munroe Quarry

County: Larimer

Permittee: Colorado Lien Company

Permittee Address: 3401 Universal Drive

(Street Address)

Rapid City

(City)

SD

(State)

57702

(Zip)



Operator (If Other than Permittee): _____

Permittee Representative: Michael Golliher

Certified Mail # Supplemental Submittal

In accordance with Rule 4.17.1(2) the Operator shall include the names, addresses and phone numbers of all owners of record to the affected land. Please attach additional sheets for this information if required.

<u>Name</u>	<u>Address</u>	<u>Phone Number</u>
Ackerman Land and Livestock Co.	17125 N County Rd 15, Wellington, CO 80549	(970) 568-3995
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

In accordance with Rule 4.17.1(4), if requesting a partial acreage release the Operator or their agent MUST sign that they have complied with the following statement: “All applicable portions of the Reclamation Plan requirements have been satisfied in accordance with these Rules and all applicable requirements under the Act.”

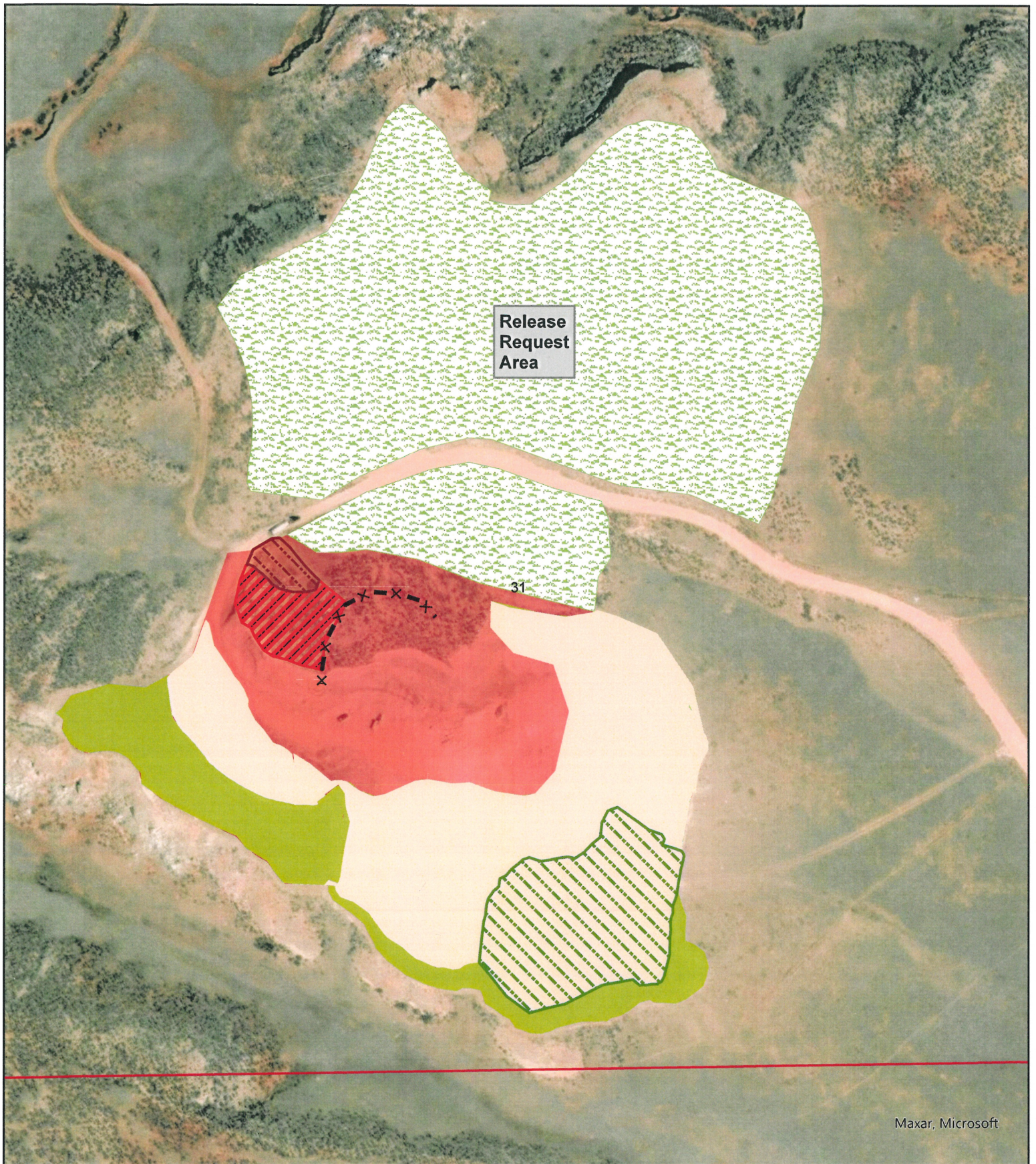
Digitally signed by Michael Golliher
DN: cn=Michael Golliher, o=Pete Lien & Sons, Inc., ou,
email=mgolliher@petelien.com, c=US
Date: 2025.03.11 10:37:26 -06'00'

Michael Golliher

Signature of Permittee, Operator or their authorized agent

Date

Important: In accordance with Rules 4.14.2(a) and 4.17.1(3) This release request must be submitted to the Division via certified mail and separate from any other correspondence to the Division.



Title: Munroe Quarry

Location: NW1/4 & N1/2SW1/4 Sect. 31
T11N R69W
Larimer County, CO

Layers: PLS
Background: World Imagery
PLS Aerial

*NOTE: Aerial and section lines are not an official survey
and may not be exact.
NOT OFFICIAL PLS MAP. SEE GIS COORDINATOR.

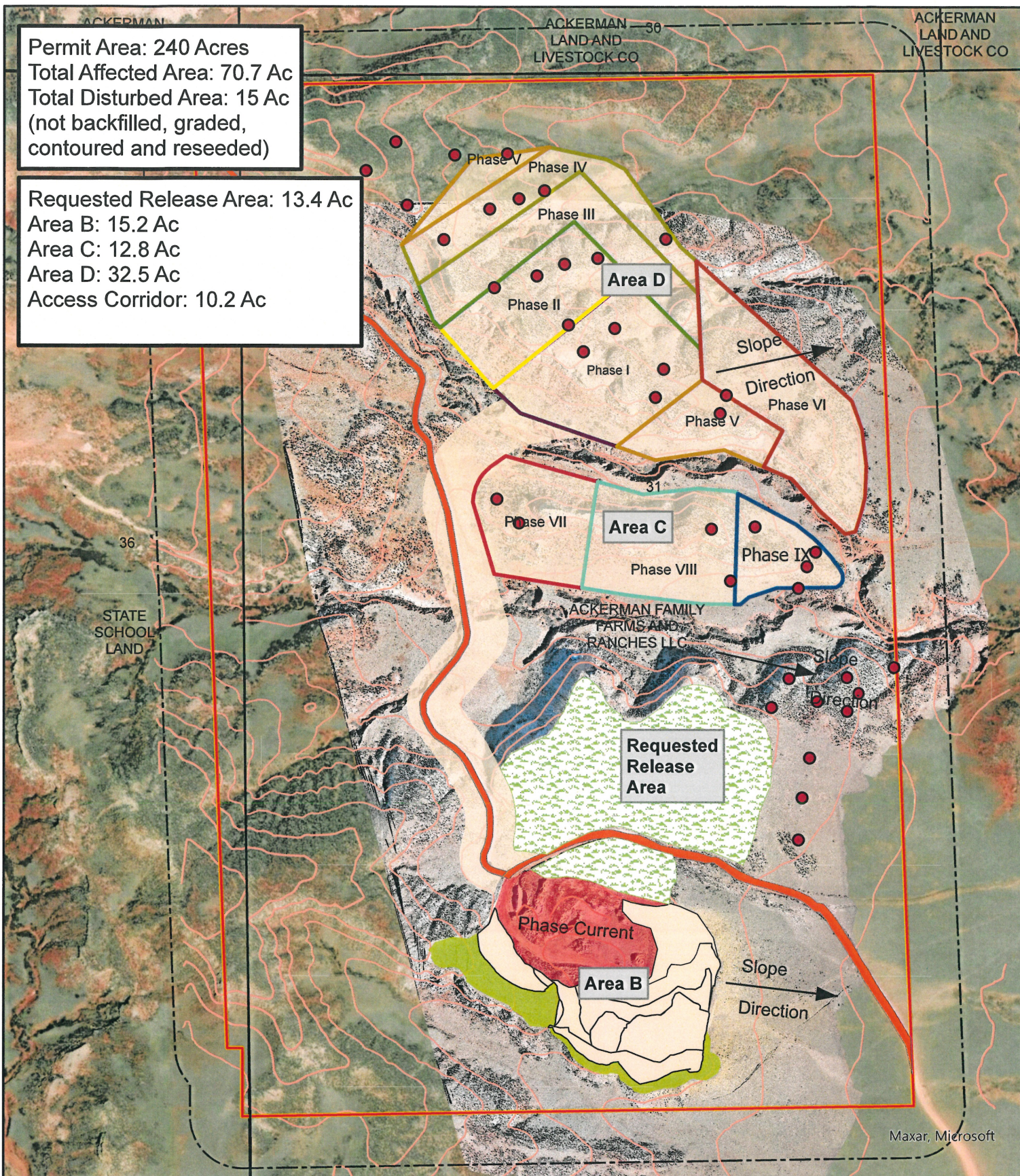
- | | |
|---------------------------|------------------|
| PLS | Current Disturb |
| Release Request (13.4 Ac) | Fut Disturb |
| Future Reclamation | Mining Affected |
| Backfilled | Section Lines CO |
| Reclamation | Highwall_Munroe |



0 250 500 Feet



Last Revised: 10/17/2023
Drawn by: THutchehns
Verified by:
Surveyed: None



Munroe Quarry

Exhibit C- Pre-Mining and Mining Plan Map of Affected Lands

Location: NW1/4 & N1/2SW1/4 Sect. 31 T11N R69W Larimer County, CO
 112 Permit Munroe Quarry, Mine Plan Revision
 Background: World Imagery

Legend

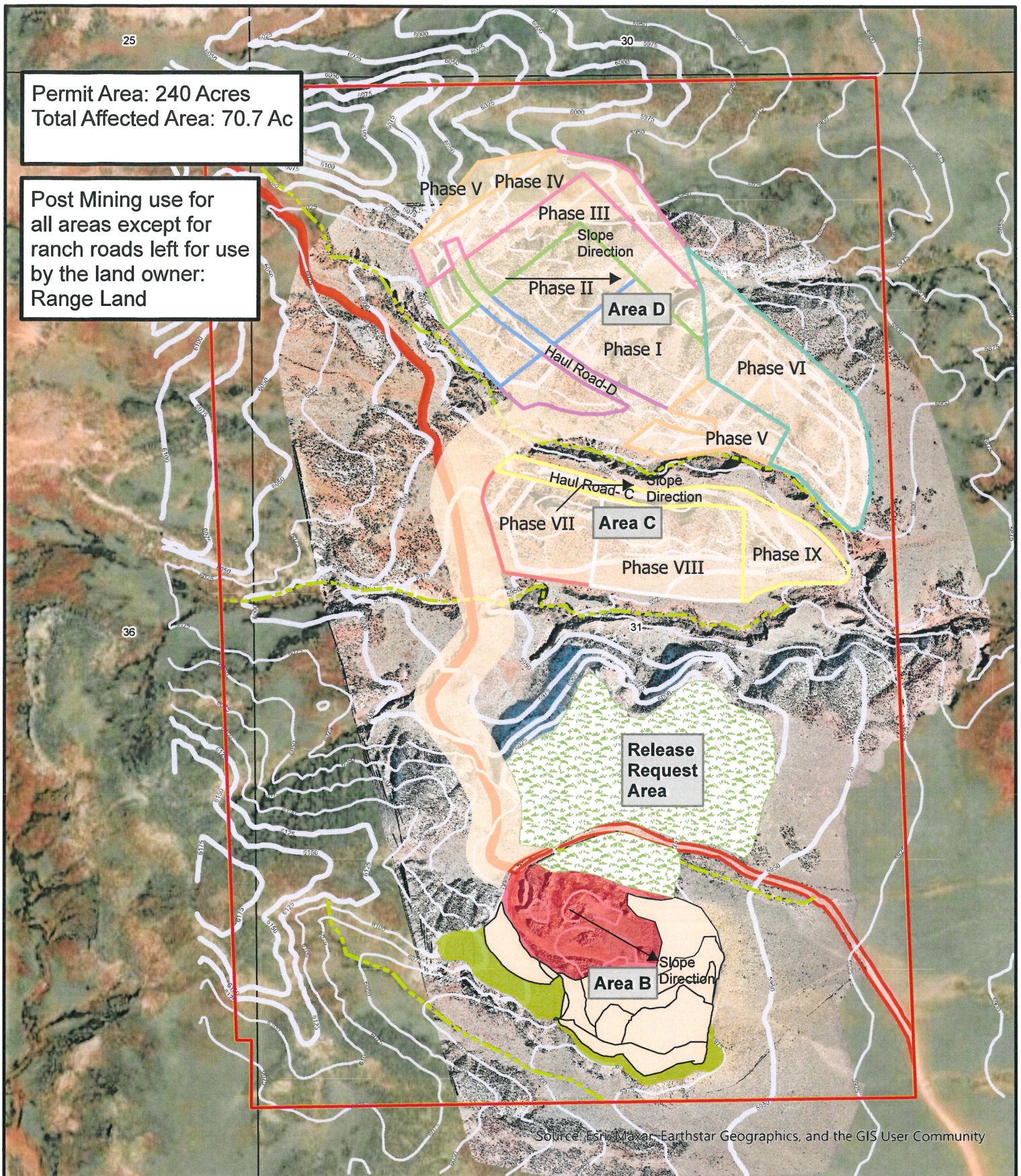
- 25 ft Contours
- Ranch Road
- Backfilled
- Mine Development Phase I
- Mine Development Phase II
- Mine Development Phase III
- Mine Development Phase IV
- Mine Development Phase V
- Mine Development Phase VI
- Mine Development Phase VII
- Mine Development Phase VIII
- Mine Development Phase IX
- Surface Owners
- 200 Ft Buffer
- PLS
- Section Lines CO
- 2023 Munroe Exploration
- Requested Release Area
- Current Reclaimed Area
- Current Disturbed Area



0 250 500 Feet



Last Revised: 3/10/2025
 Drawn by: THutchens
 GIS Website
 Surveyed: None



Title: Munroe Quarry

Exhibit F- Reclamation Plan Map
 Location: NW1/4 & N1/2SW1/4 Sect. 31
 T11N R69W
 Larimer County, CO
 112 Permit Munroe Quarry,
 Reclamation Plan Map Revision

Background: World Imagery

- Legend**
- Drainage
 - PLS
 - Permit Boundary
 - CO Section Lines
 - Reclamation Phase - I
 - Reclamation Phase - II
 - Reclamation Phase - III

240 +/- Acres

- Reclamation Phase IV
- Reclamation Phase V
- Reclamation phase VI
- Reclamation Phase VII

- Reclamation Phase VIII
- Reclamation Phase IX
- Current Reclaimed Area
- Current Disturbed Area
- Requested Release Area
- Post Mine Contours
- Ranch Road



0 250 500 Feet



Last Revised: 3/11/2025
 Drawn by: THutchens
 Verified by: MG
 Surveyed: None