

Addendum to NOI Form

REVISED 5-15-25

REVISIONS INDICATED

ON INDIVIDUAL PAGE

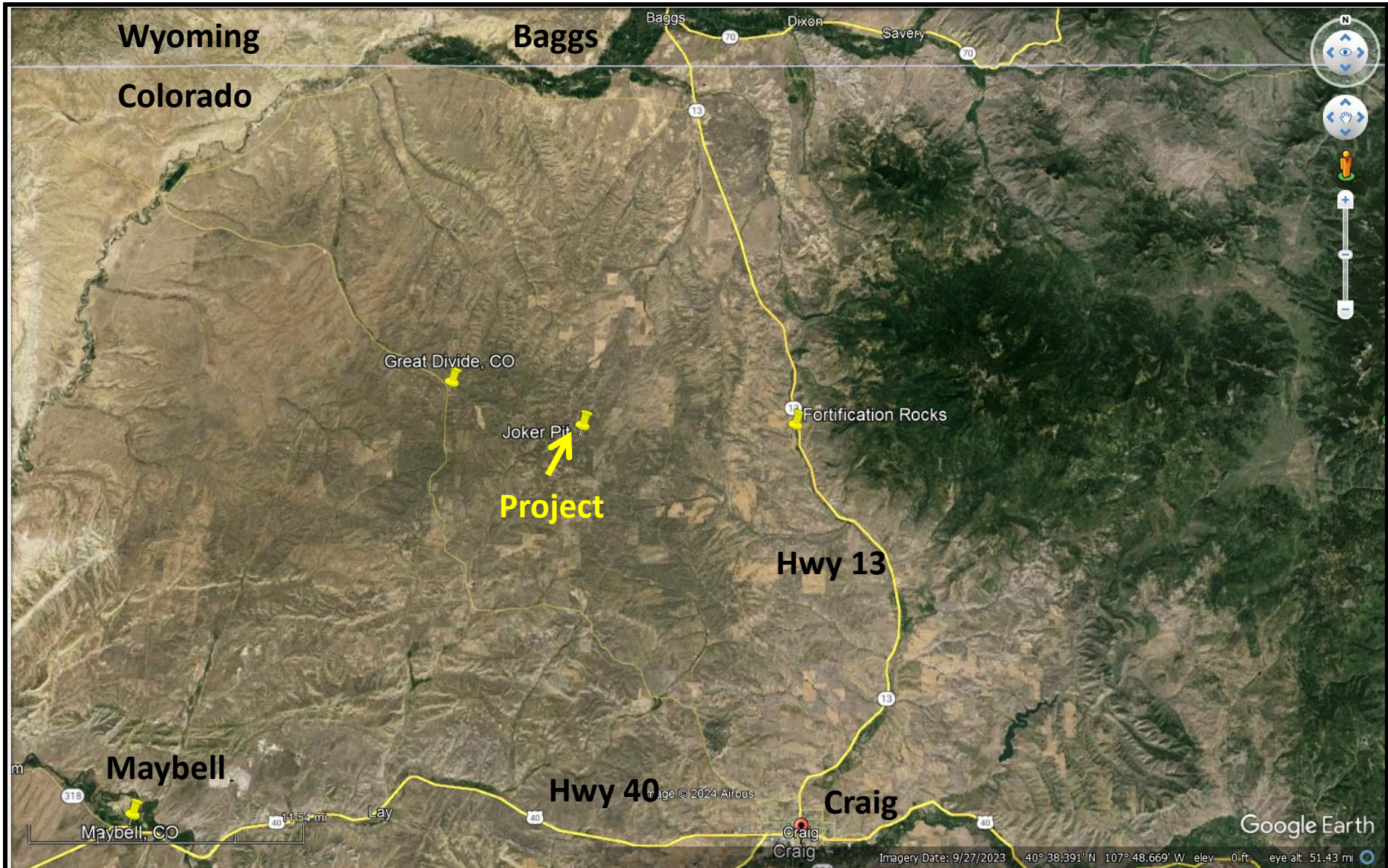
Maps, Photos, and other information

To Accompany Form/Document

Location of Proposed Project

General Area

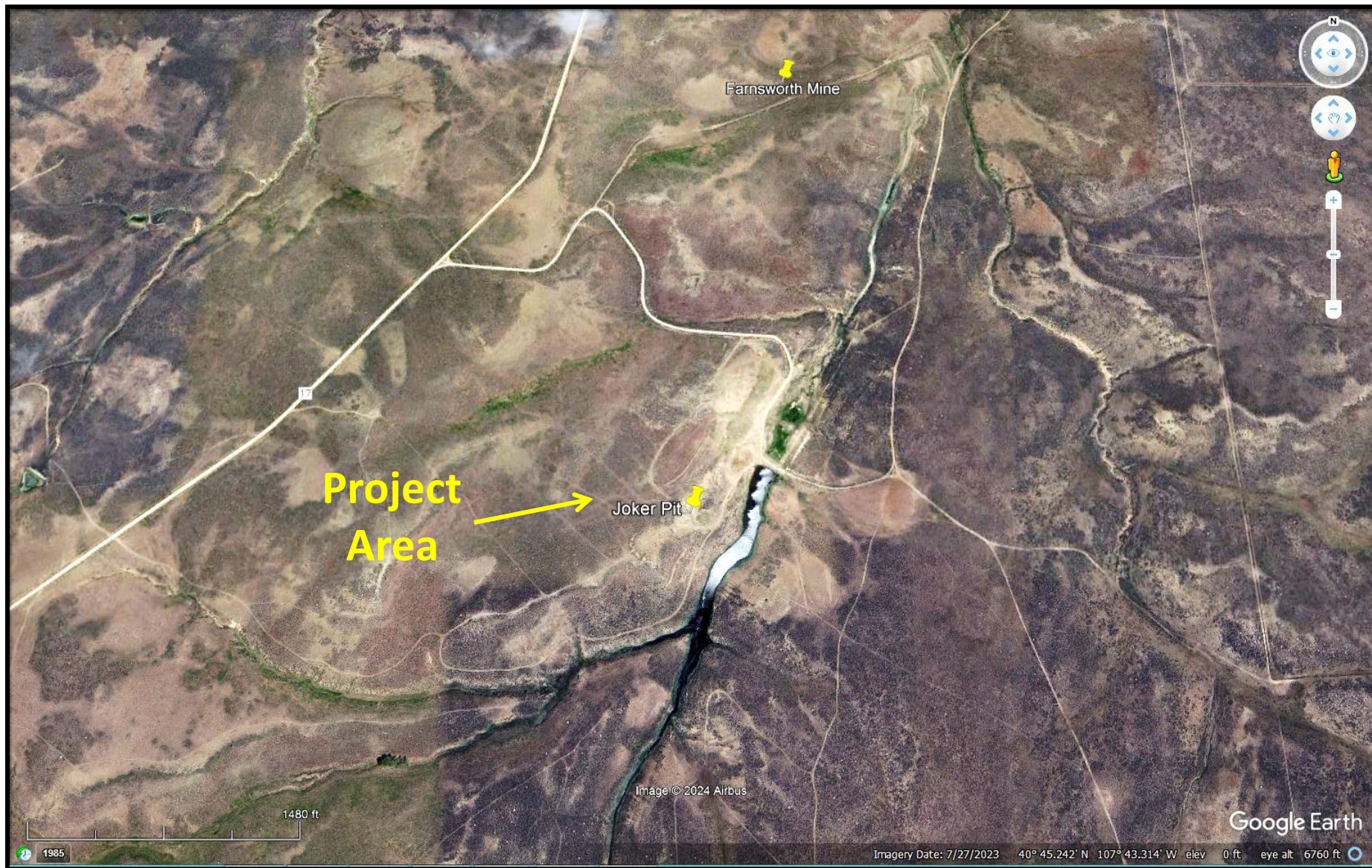
Note: Label of "Joker Pit" refers to the old historic mining operation.



Location of Proposed Project

Satellite View of Surrounding Area

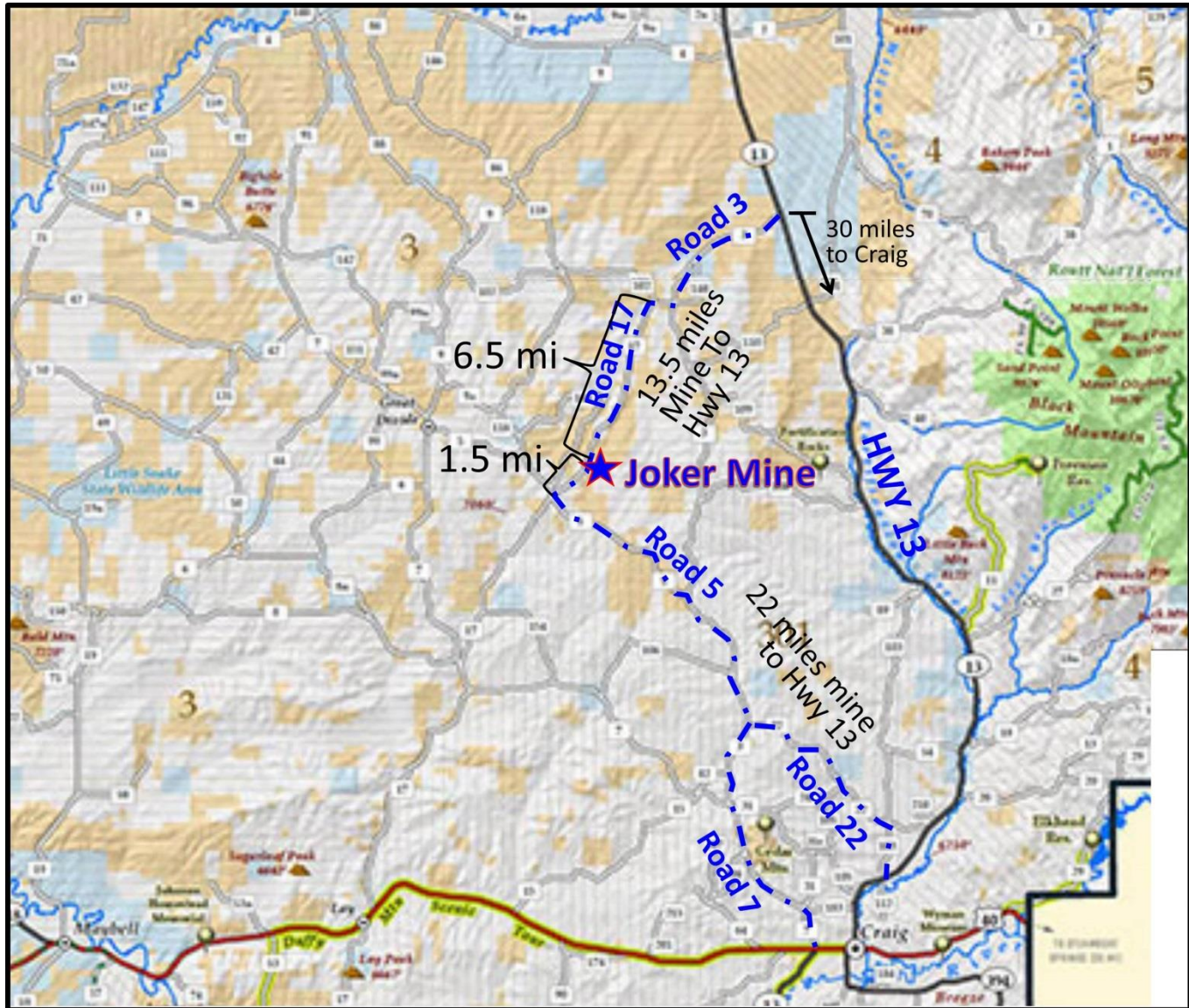
Note: Label of "Joker Pit" refers to the old historic mining operation.



Location of Proposed Project

Road Map

Added



Added

[illegible]

Location of Properties

Revised

Badger Hole LLC Private Property (Yellow) 360 Acres

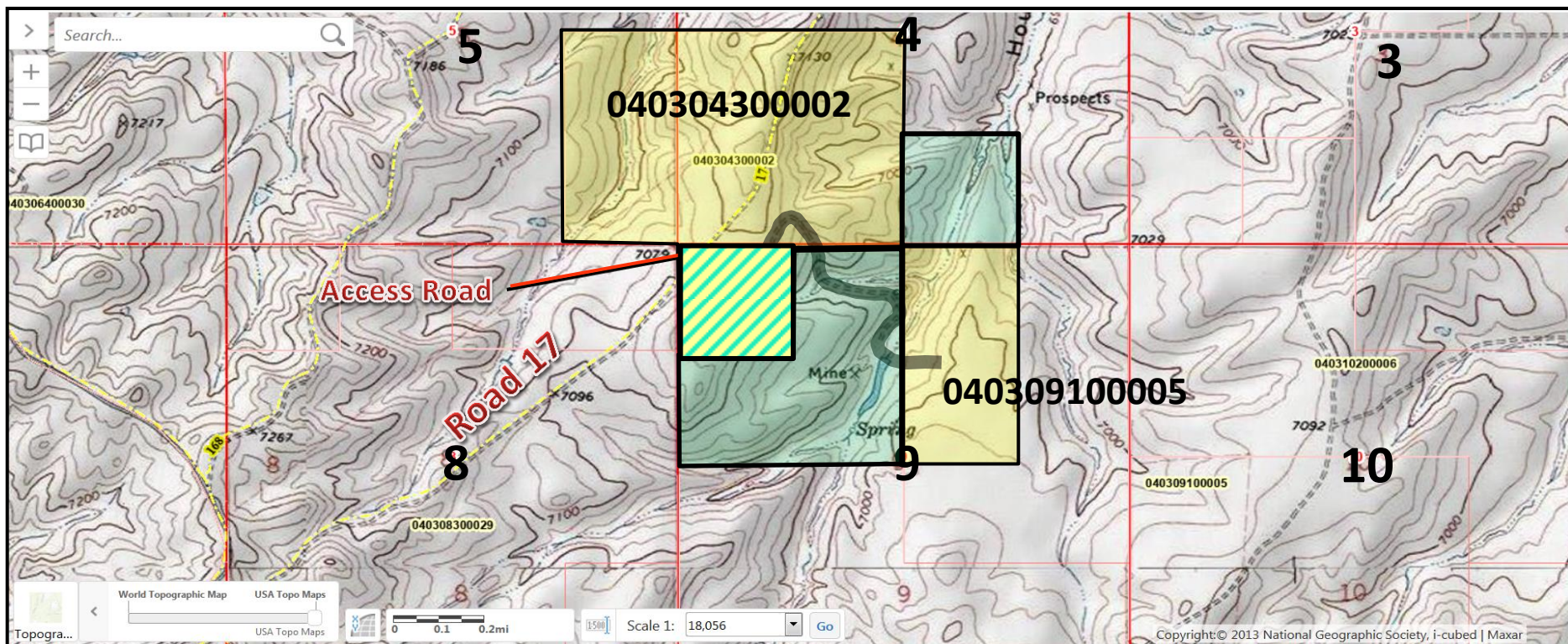
BLM Mineral Claims Badger Hole LLC (Green) 200 Acres

Private Property with BLM Mineral Claims (Green-Yellow Striped)

Sections 4,5,9 9N 92W 6th PM, Moffat County, Colorado

Parcel: 040304300002 (280 acres)

Part of Parcel: 040309100005 (80 acres)



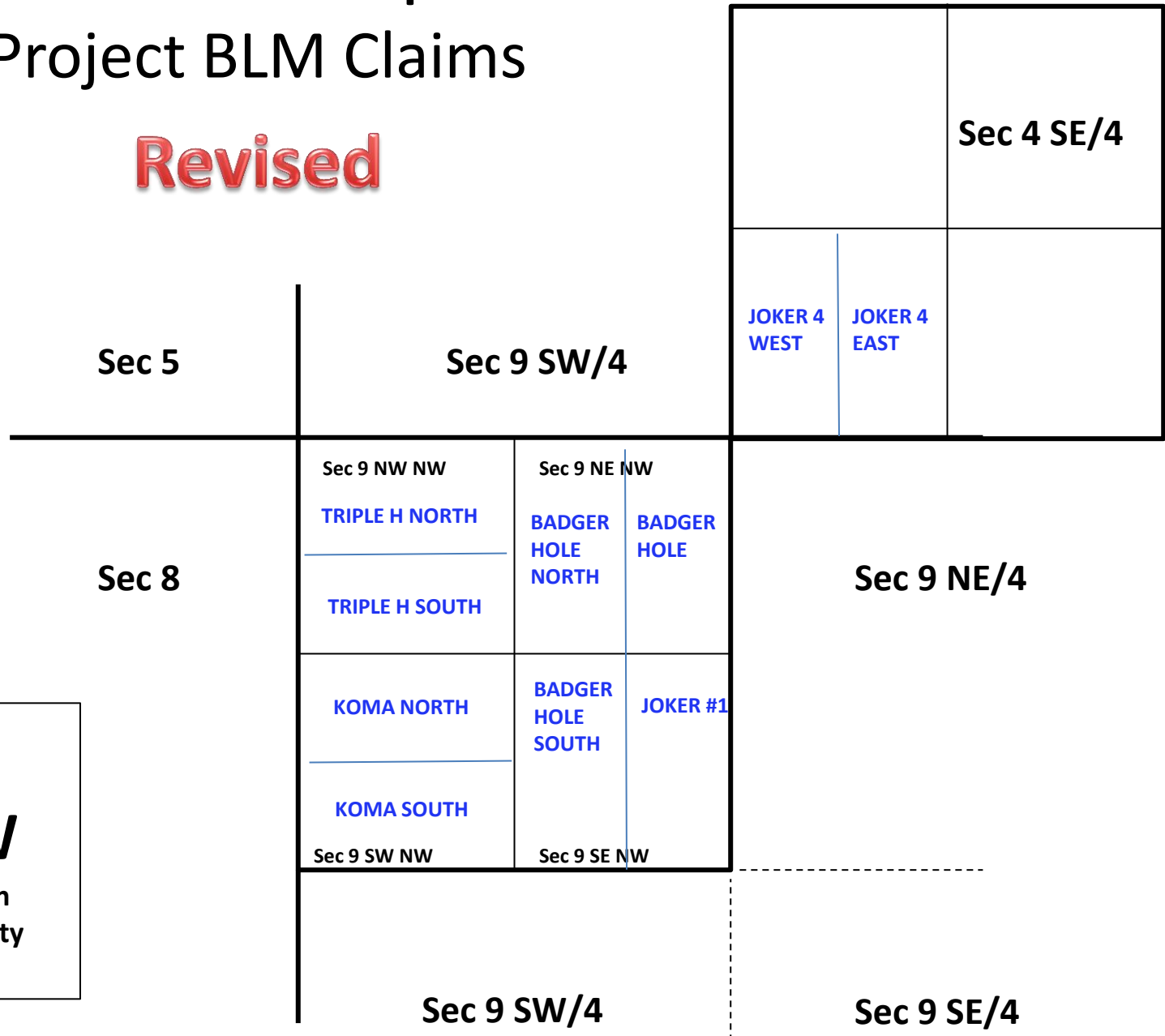
9N 92W

Claims Maps

Project BLM Claims

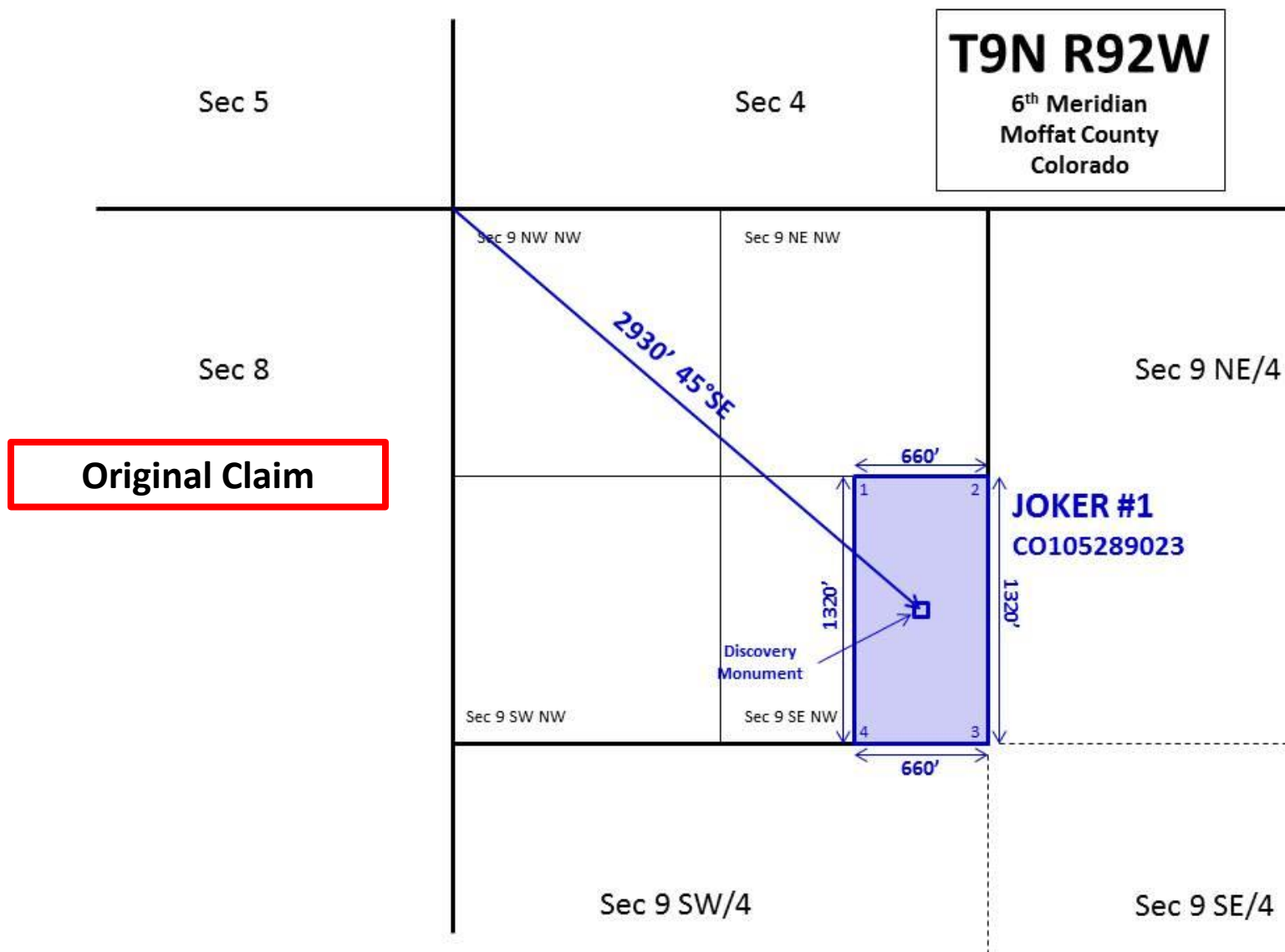
Revised

T9N
R92W
6th Meridian
Moffat County
Colorado



Claims Maps

Project BLM Claims – Joker #1



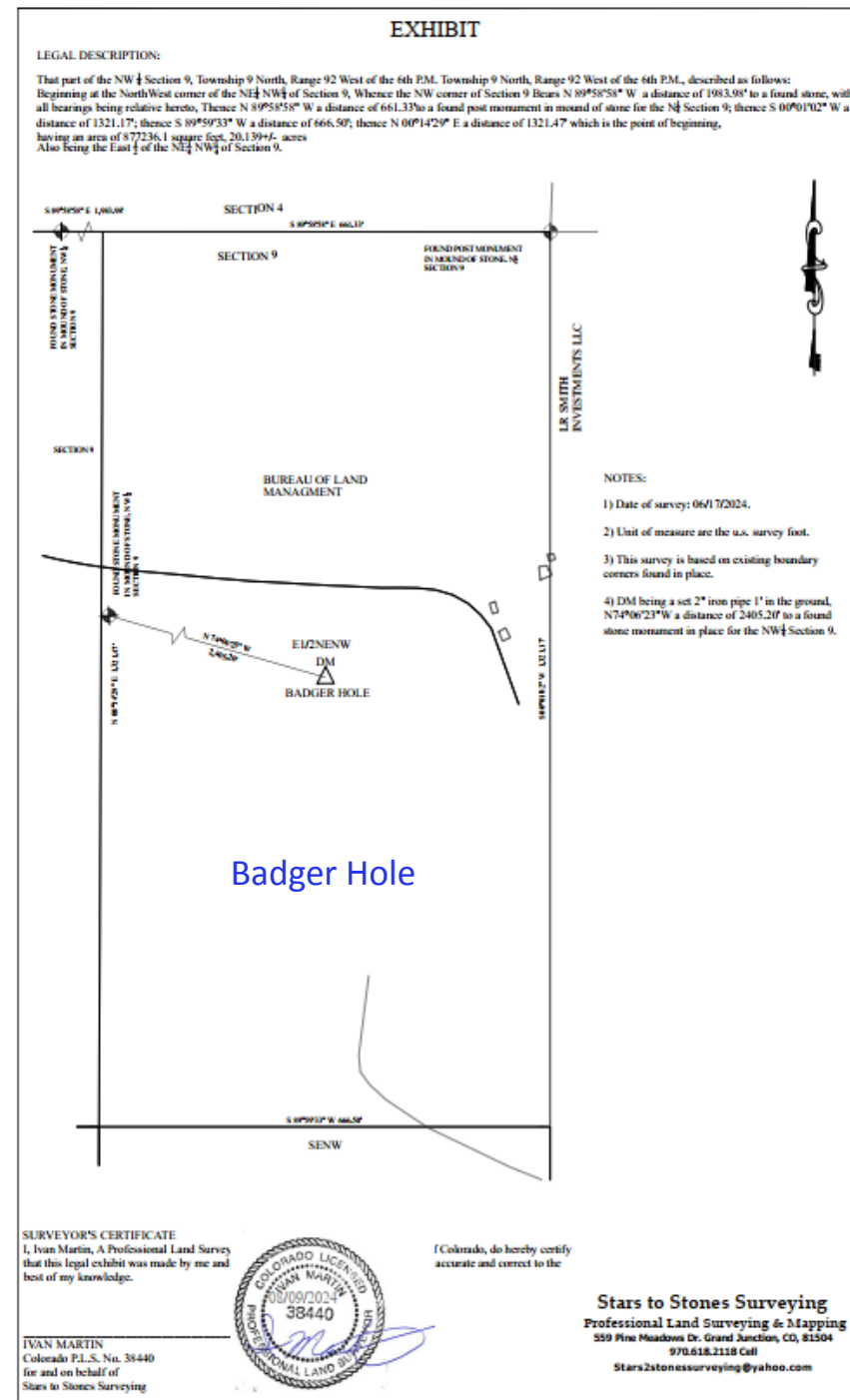
Claims Maps

Project BLM Claims

– Badger Hole

Claim
Registered
Sept 1, 2024

Full Size PDF Available



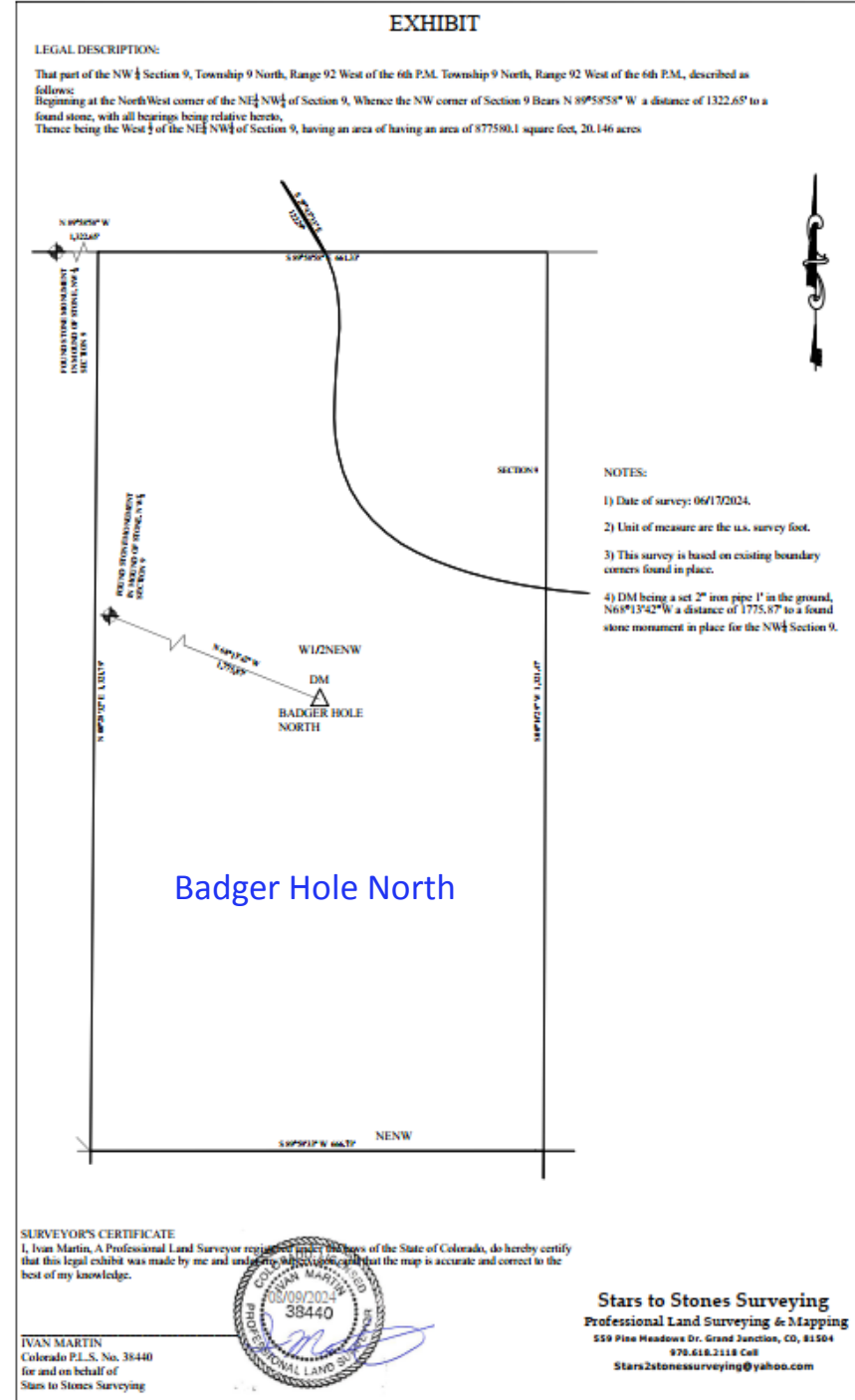
Claims Maps

Project BLM Claims

- Badger Hole North

Claim
Registered
Sept 1, 2024

Full Size PDF Available



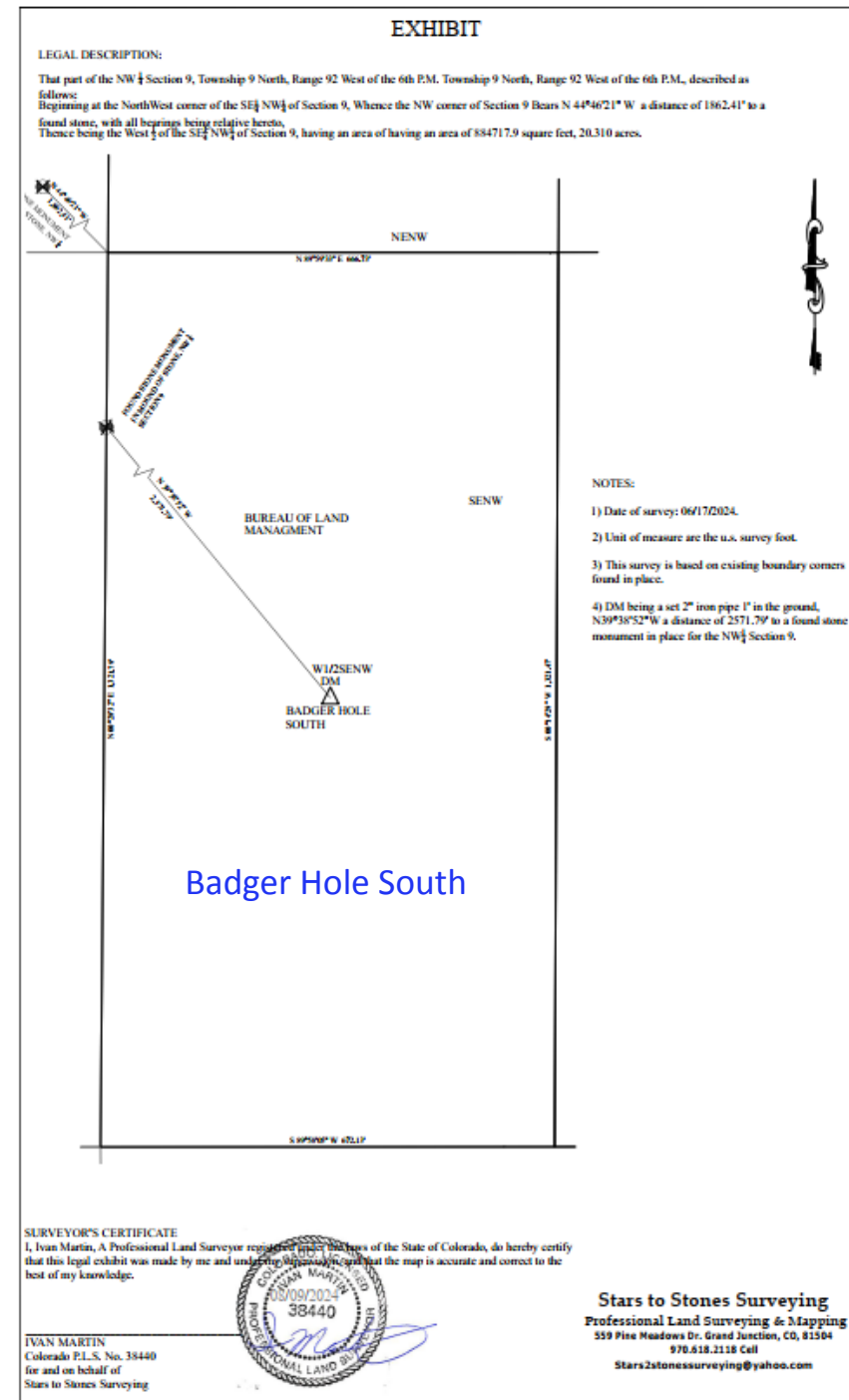
Claims Maps

Project BLM Claims

- Badger Hole South

Claim
Registered
Sept 1, 2024

Full Size PDF Available



Claims Maps

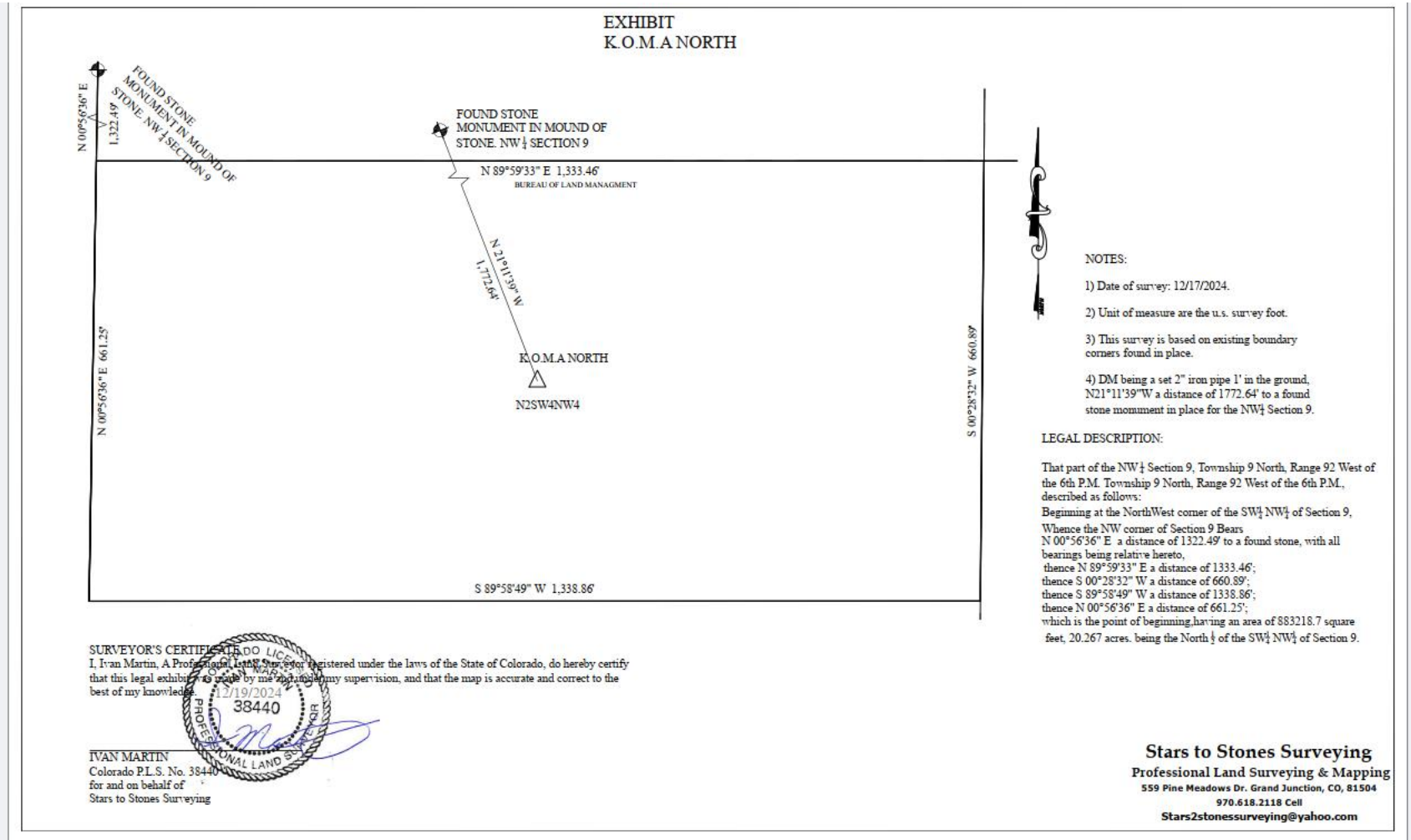
Project BLM Claims

- KOMA North

Claim
Registered
Dec 15, 2024

Added

Full Size PDF Available



Claims Maps

Project BLM Claims

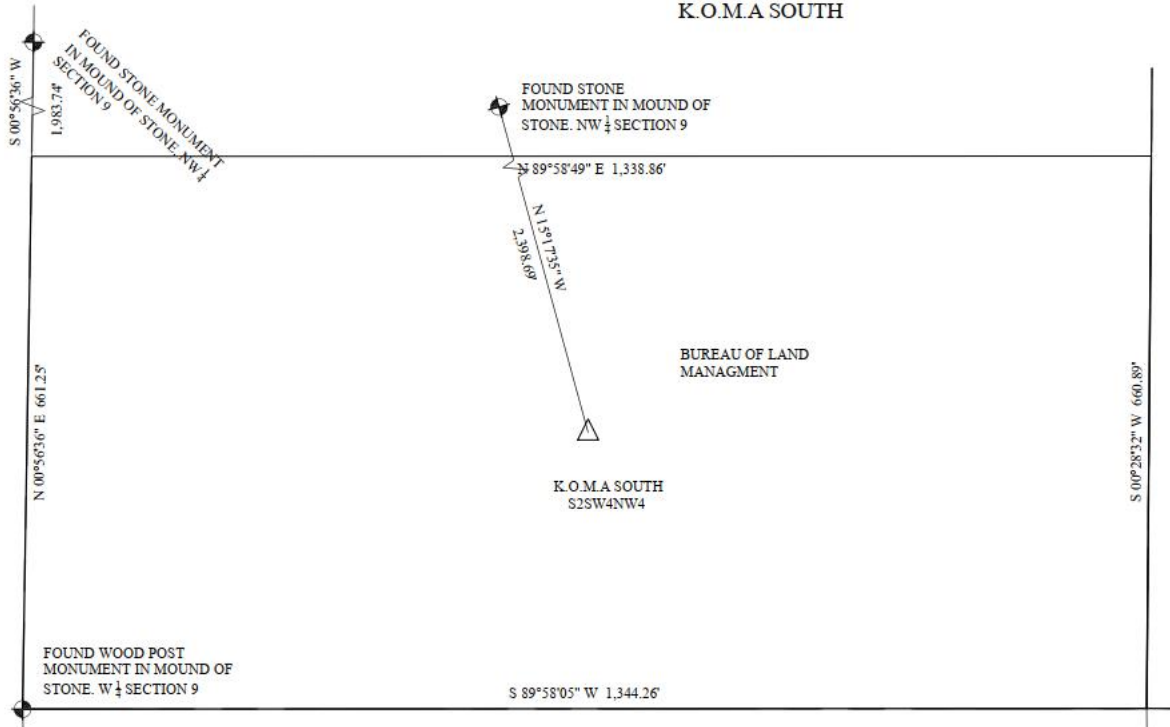
- KOMA South

Claim
Registered
Dec 15, 2024

Added

Full Size PDF Available

EXHIBIT K.O.M.A SOUTH



NOTES:

- 1) Date of survey: 12/17/2024.
- 2) Unit of measure are the u.s. survey foot.
- 3) This survey is based on existing boundary corners found in place.
- 4) DM being a set 2" iron pipe 1' in the ground, N15°17'35" W a distance of 2398.69' to a found stone monument in place for the NW 1/4 Section 9.

LEGAL DESCRIPTION:

That part of the NW 1/4 Section 9, Township 9 North, Range 92 West of the 6th P.M. Township 9 North, Range 92 West of the 6th P.M., described as follows:
Beginning at the North West corner of the SW 1/4 NW 1/4 of Section 9, Whence the NW corner of Section 9 Bears N 00°56'36" E a distance of 1983.74' to a found stone, with all bearings being relative hereto, thence N 89°58'49" E a distance of 1338.86'; thence S 00°28'32" W a distance of 660.89'; thence S 89°58'05" W a distance of 1344.2 thence N 00°56'36" E a distance of 661.25'; which is the point of beginning, having an area of 886787.6 square feet, 20.358 acre +/-, being the South 1/4 of the SW 1/4 of Section 9.

SURVEYOR'S CERTIFICATE
I, Ivan Martin, A Professional Land Surveyor registered under the laws of the State of Colorado, do hereby certify that this legal exhibit was made by me and under my supervision, and that the map is accurate and correct to the best of my knowledge.



IVAN MARTIN
Colorado P.L.S. No. 38440
for and on behalf of
Stars to Stones Surveying

Stars to Stones Surveying
Professional Land Surveying & Mapping
559 Pine Meadows Dr. Grand Junction, CO, 81504
970.618.2118 Cell
Stars2stonesurveying@yahoo.com

Claims Maps

Project BLM Claims

- Triple H North

Claim
Registered
, 2025

Added

Full Size PDF Available

Plat will be added when received from Ivan Martin

Estimated to be received by end of May

Claims Maps

Project BLM Claims

- Triple H South

Claim
Registered
, 2025

Added

Full Size PDF Available

Plat will be added when received from Ivan Martin

Estimated to be received by end of May

Claims Maps

Project BLM Claims

- Joker 4 East

**Claim
Registered
, 2025**

Plat will be added when received from Ivan Martin

Estimated to be received by end of May

Full Size PDF Available

Added

Claims Maps

Project BLM Claims

- Joker 4 West

**Claim
Registered
, 2025**

Plat will be added when received from Ivan Martin

Estimated to be received by end of May

Full Size PDF Available

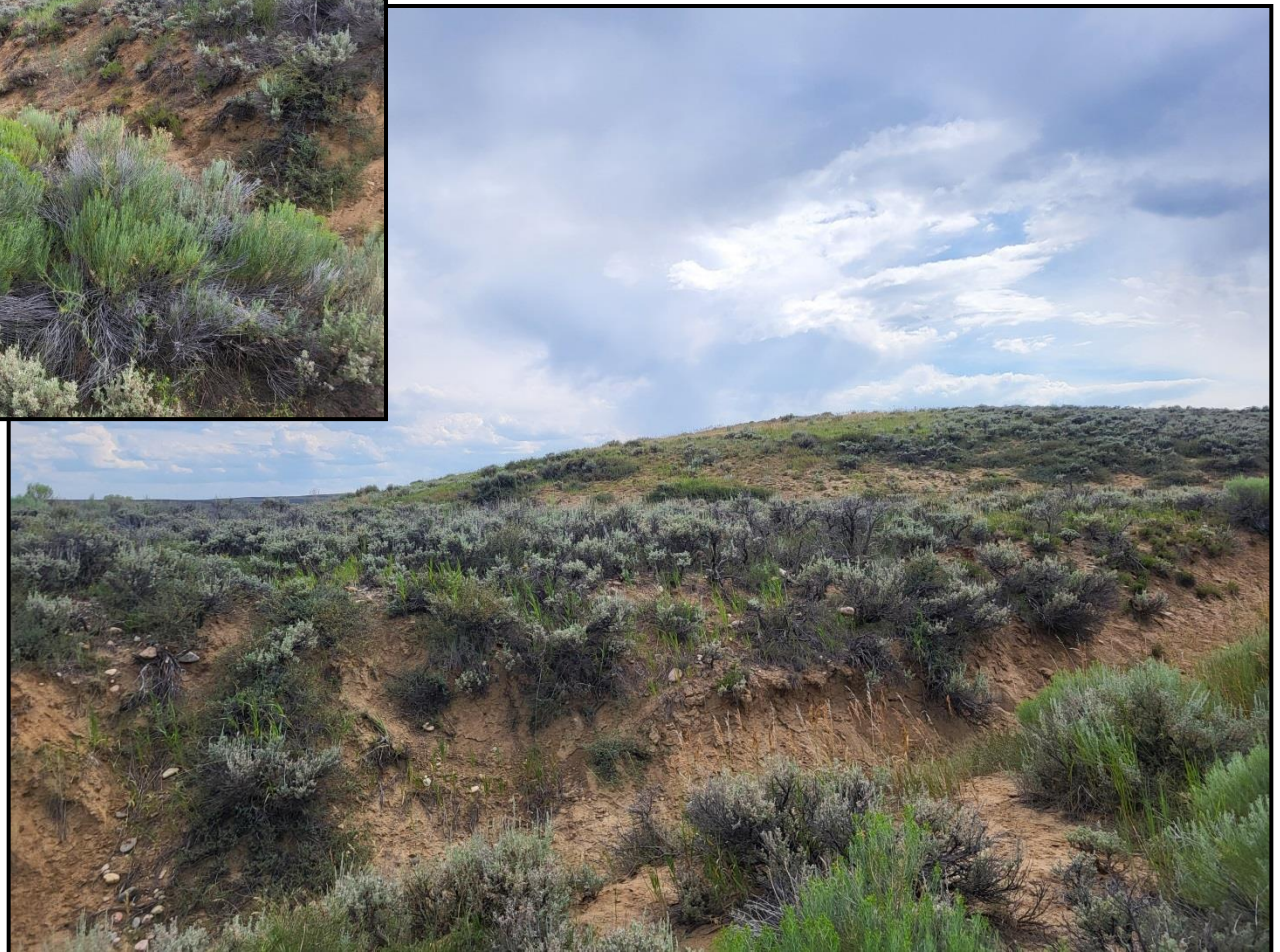
Added

Condition of Land

Disturbed, Reclamation was Minimal



Location: Near buildings as located on air photo. Looking east (L) and south (R)



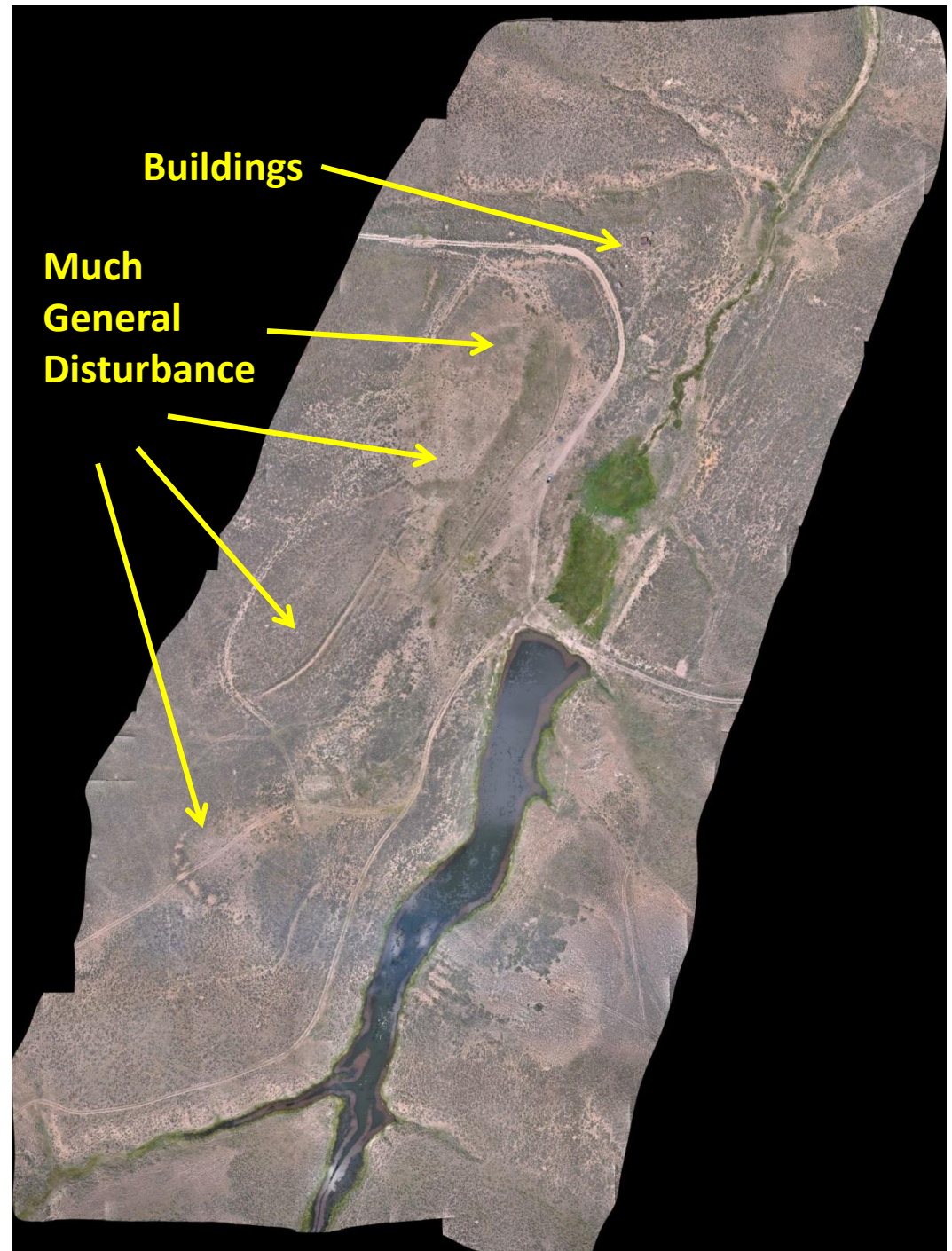
Condition of Land

Much General Disturbance:
Old Pits, Trenches, Bulldozed
Areas, Etc.

Previous Reclamation
was Minimal

Several Secondary Roads
Cross the Area

*Proposed workings will
sample across the claims
areas to determine best
area(s) to further prospect.*



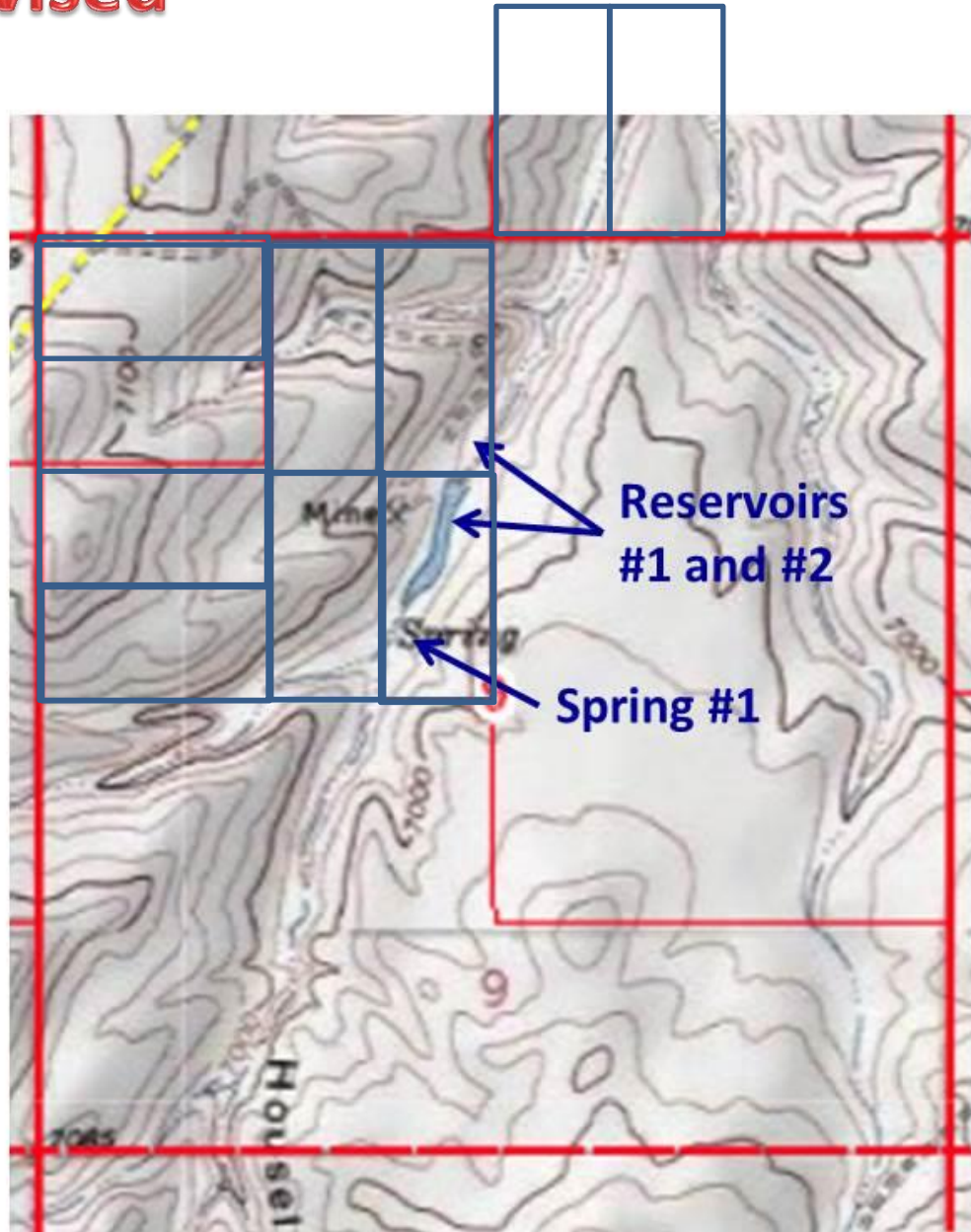
Existing Buildings

Built by the original miners,
Farnsworth and Eldridge
Dilapidated, Poor Condition

One Tuffshed



Revised



Water Sources Surface Waters

Sec 9 9N 92W

Spring #1

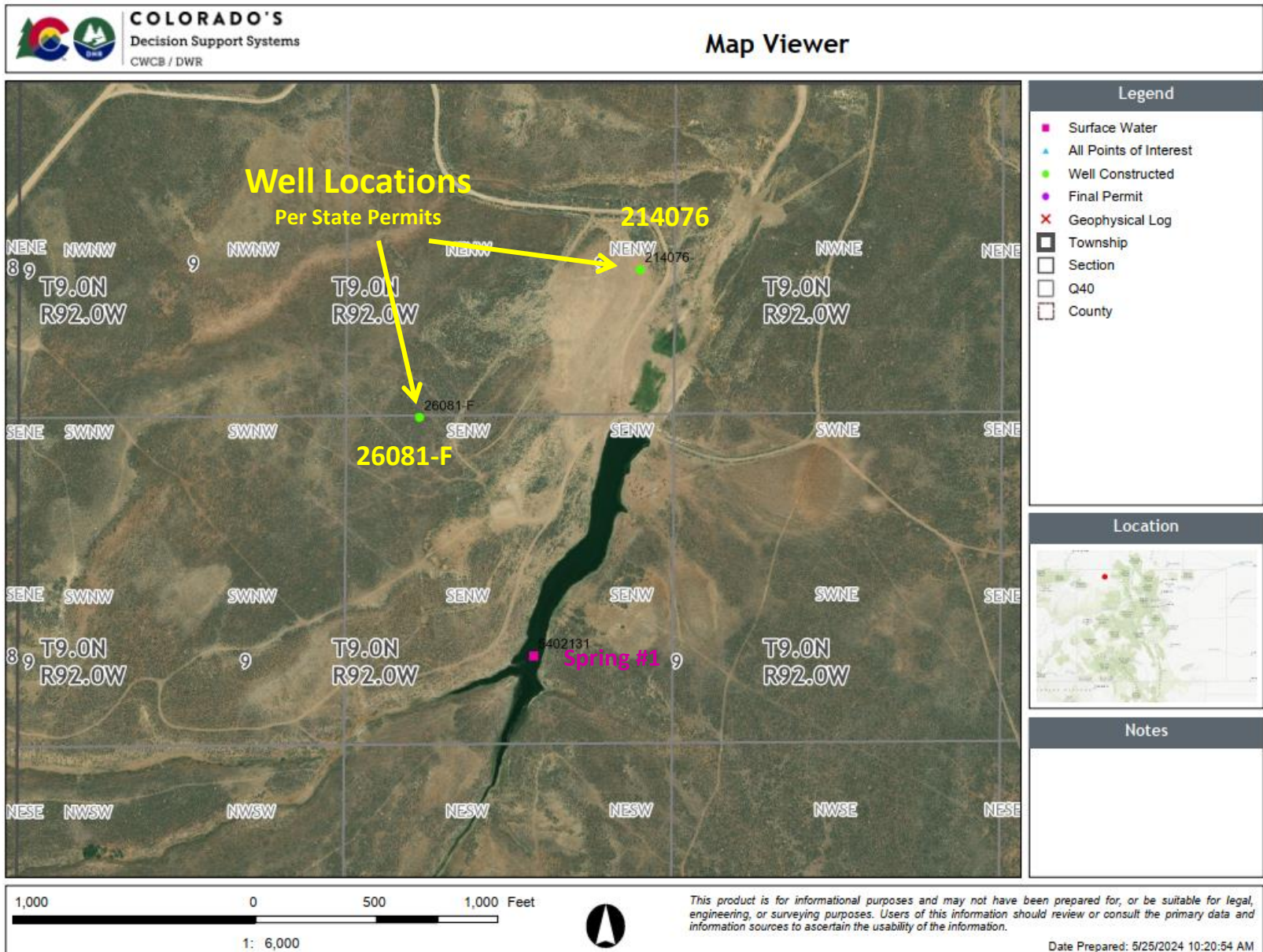
Reservoirs #1, #2

The northern one has
been breached

Blue outline =
approximate location
of Joker Claims

Water Resources

Well Locations



Vegetation



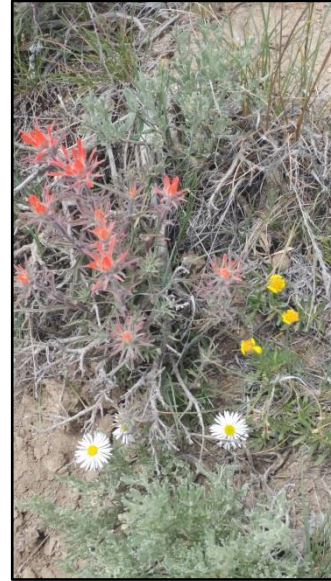
Reseeding Program attached to
Main Document

Photos Taken on Project Area
July 2024

Various Orientations

Photo credits Ivan Martin

Vegetation – Examples of Wildflowers Present in General Area, However Few Remain in the Disturbed Area of the Claims



Phlox, Actinella, Lousewort, Paintbrush, Aster, Camas, Lupine, Balamroot, Sage

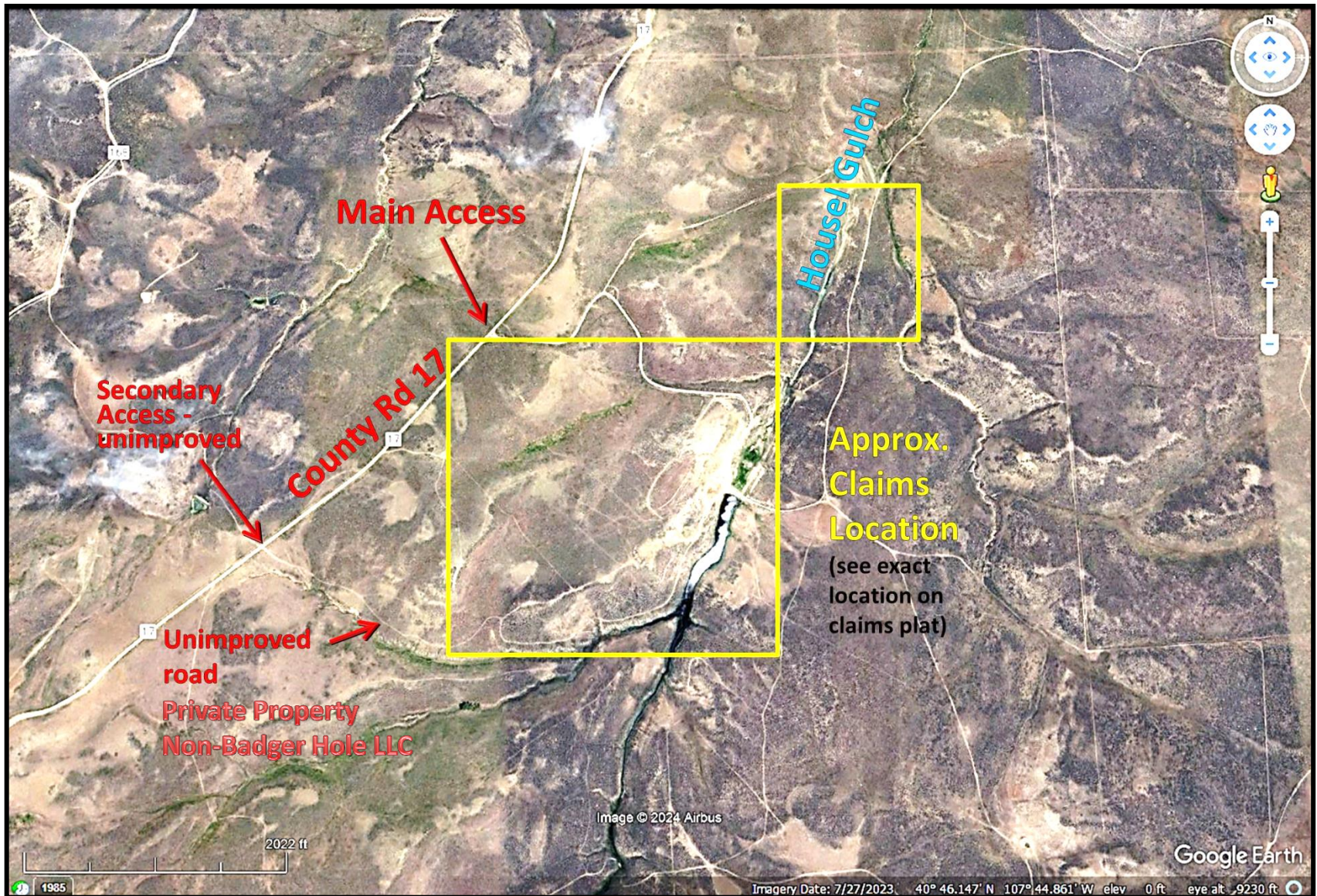
Photos taken July 2019 along Roads 17 and 5 near the project area.

Photo Credit L. Fisher

Revised

Access Information

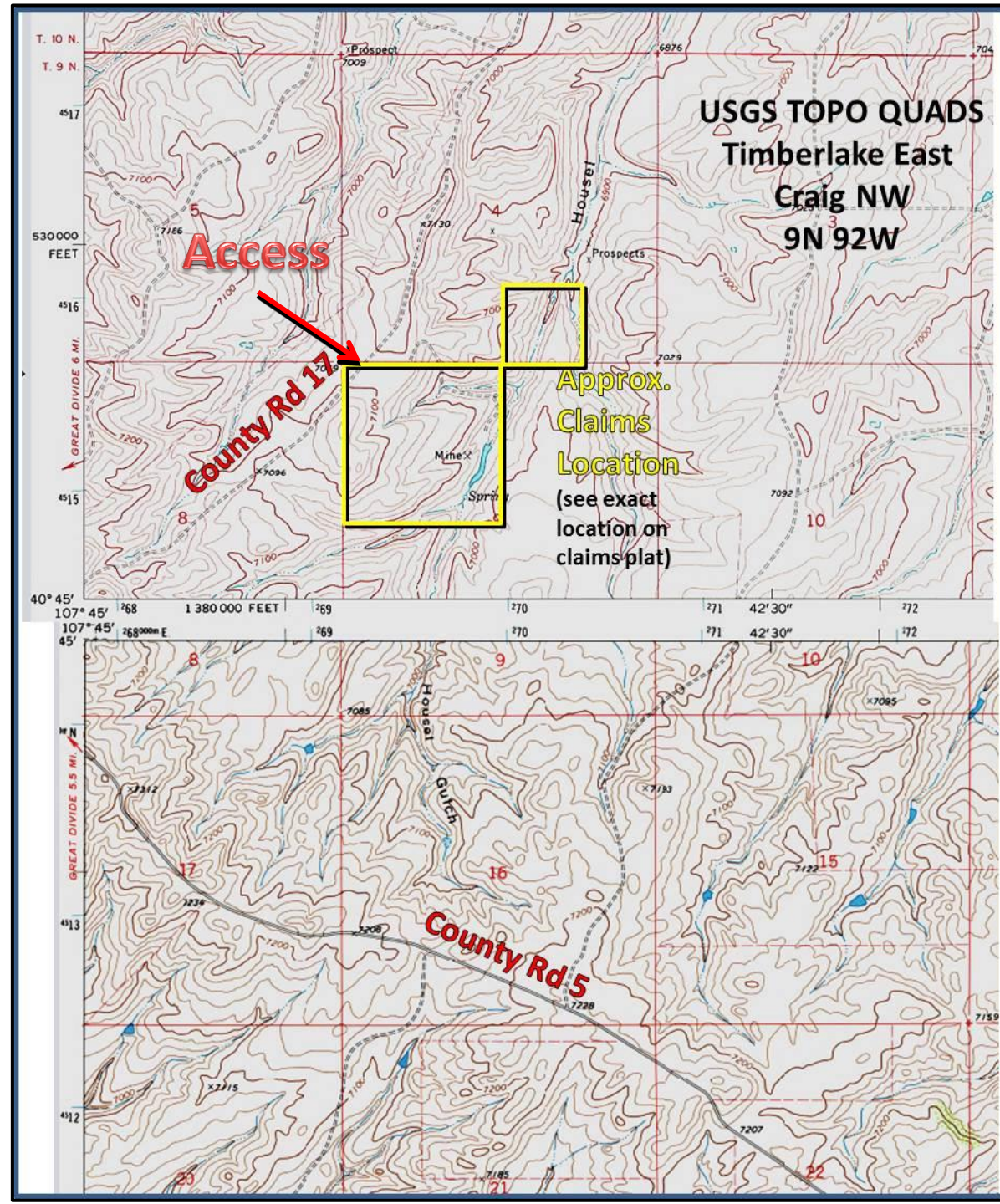
Map of Access Roads



Revised

Access Information

Map of Access –
Topography Map



Revised

Access Information

Survey of Access Through Private Ranch

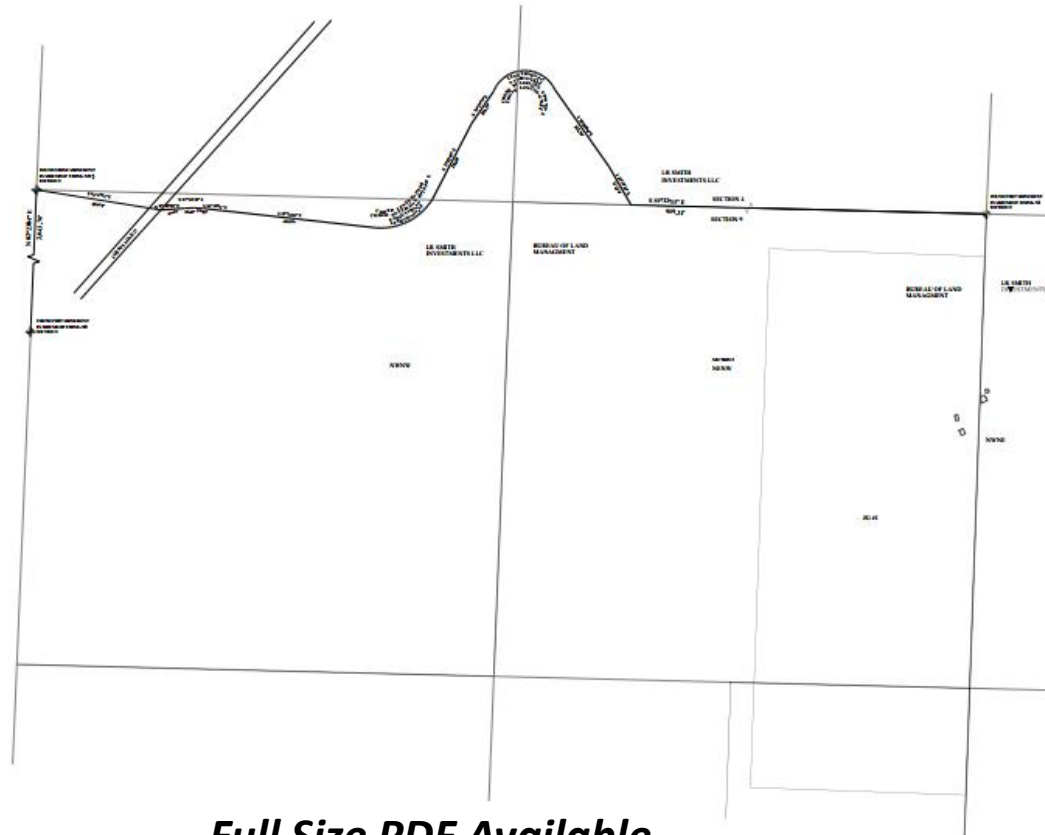
Private Ranch Lands
Badger Hole LLC

Joker Project Access Exhibit

NE $\frac{1}{4}$ NW $\frac{1}{4}$ SECTIONS 9,
TOWNSHIP 9 NORTH RANGE 92 WEST, OF THE 6th P.M.
COUNTY OF MOFFAT, STATE OF COLORADO



Stars to Stones Surveying
Professional Land Surveying & Mapping
559 Pine Meadows Dr. Grand Junction, CO, 81504
970.618.2118 Cell
Stars2stonesurveying@yahoo.com



- NOTES:
- 1) DATE OF SURVEY: 06/12/2024.
 - 2) UNIT OF MEASURE ARE THE U.S. SURVEY FOOT.
 - 3) THIS SURVEY IS BASED ON EXISTING BOUNDARY CORNERS FOUND IN PLACE.

LEGAL DESCRIPTION
That part of the NW $\frac{1}{4}$ Section 9, Township 9 North, Range 92 West of the 6th P.M., and of SW $\frac{1}{4}$ Section 4, Township 9 North, Range 92 West of the 6th P.M., described as follows:
Beginning at the intersection of County Road 17 and an existing dirt road,
thence the S.W. corner of Section 9 (Dip to S 89° 17' 00" E a distance of 170.00' to a found stone,
thence the West corner of Section 9 (Dip to S 89° 17' 00" E a distance of 204.10' with all bearings being relative bearings,
thence along centerline of said existing road the following 18 courses:
thence N 87° 42' 00" E a distance of 97.27';
thence N 87° 42' 00" E a distance of 21.00';
thence S 89° 17' 00" E a distance of 26.20';
thence S 17° 40' 00" E a distance of 68.00';
thence with a curve bearing to the left with an arc length of 187.81', with a radius of 188.00', with a chord bearing of N 67° 59' 00" E, with a chord length of 176.39';
thence N 23° 22' 00" E a distance of 176.39';
thence with a curve bearing to the right with an arc length of 214.00', with a radius of 93.25', with a chord bearing of N 87° 42' 00" E, with a chord length of 176.31';
thence S 17° 40' 00" E a distance of 261.30';
thence S 29° 41' 00" E a distance of 122.23' to a point intersecting the North line of the NE $\frac{1}{4}$ NW $\frac{1}{4}$;
thence the NE $\frac{1}{4}$ Section 9 (Dip to S 89° 17' 00" E a distance of 100.00'.

SURVEYOR'S CERTIFICATE
I, JUAN MARTIN, A PROFESSIONAL LAND SURVEYOR REGISTERED UNDER THE LAWS OF THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THIS SITE PLAN WAS MADE BY ME AND UNDER MY SUPERVISION, AND THAT THE MAP IS ACCURATE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



JUAN MARTIN
COLORADO P.L.S. No. 38440
FOR AND ON BEHALF OF
STARS TO STONES SURVEYING

Full Size PDF Available

NOTES: ALL RECORDS TO BE MAINTAINED FOR THE NEXT FORTY YEARS AND TO BE OPENED UPON REQUEST BY THE COUNTY CLERK. THIS MAP IS NOT TO BE USED FOR ANY OTHER PURPOSES AND ANY REPRODUCTION OF THIS MAP WITHOUT THE WRITTEN CONSENT OF STARS TO STONES SURVEYING IS PROHIBITED.

JG #1 AND JOKER #1 ACCESS EXHIBIT
NE $\frac{1}{4}$ NW $\frac{1}{4}$ SECTIONS 9,
TOWNSHIP 9 NORTH RANGE 92 WEST, OF THE 6th P.M.
COUNTY OF MOFFAT, STATE OF COLORADO

Sheet No.	Sheet	Sheet	Sheet
1	1	1	1

Access Roads

Series of
Photographs,
taken July 2024

High resolution file
is available of this photo

Note major remaining
disturbance from
historic and previous
mining activities.

*Photo credits
except where noted otherwise:
Ivan Martin*



Access Roads

Series of Photographs, taken July 2024



Access Roads

Series of Photographs, taken July 2024



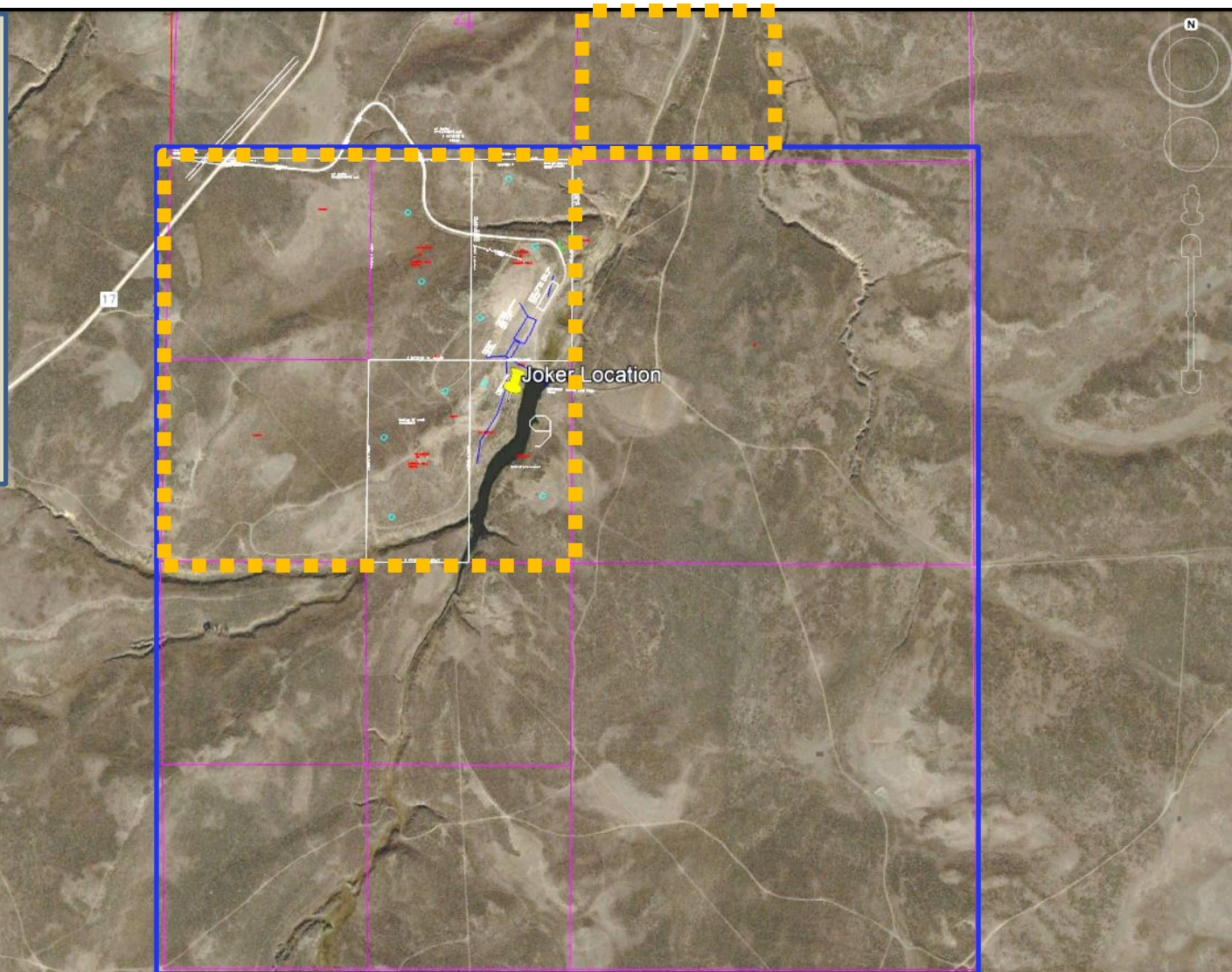
Locations of Proposed Development

See Next Slide
For
Enlarged Detail
And
Explanation

Blue Outline =
Section 9 9N 92W

Dashed Outline = Joker
and Badger Hole Claims

Revised



Locations of Proposed Development

Green Circles = Proposed Trench Sample Sites

Blue Rectangle = Trommel Setup

Blue Lines = Water Lines

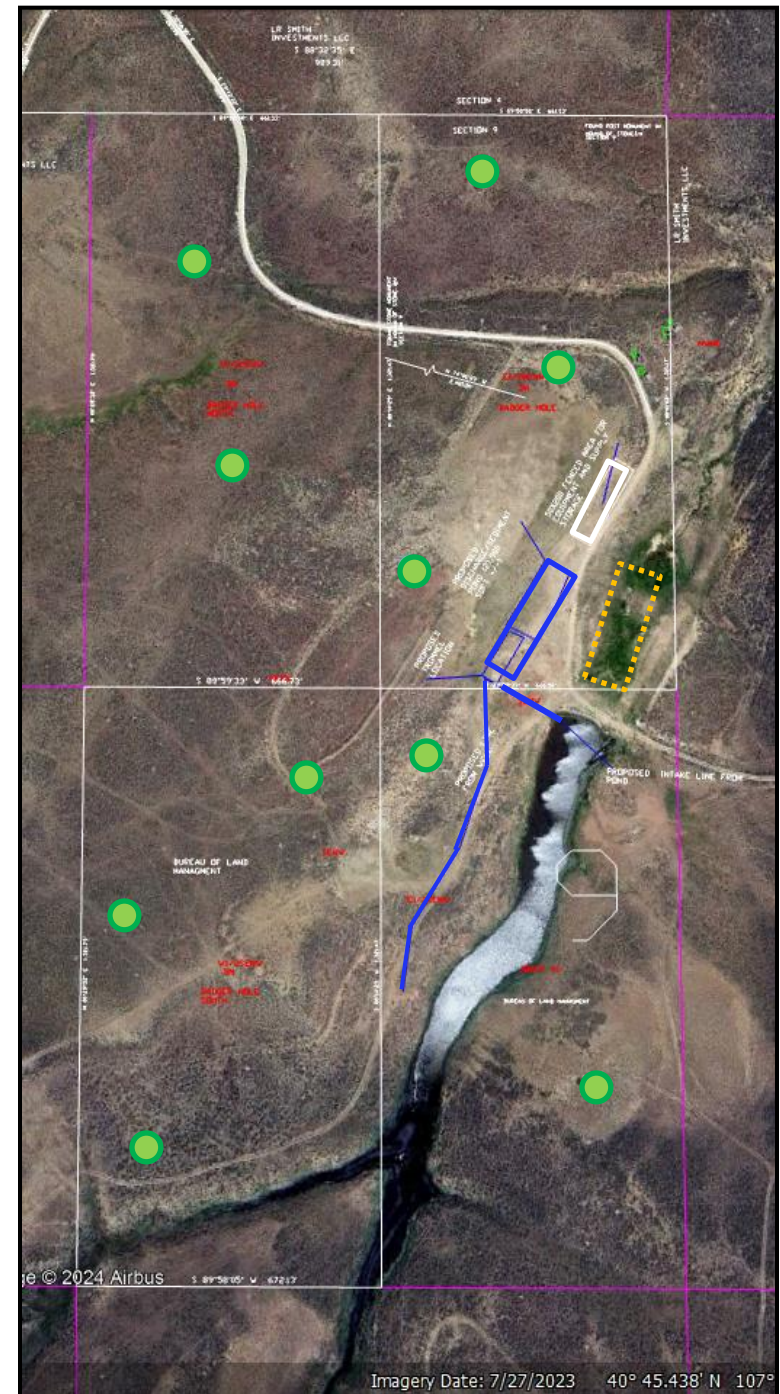
White Rectangle = Equipment Storage

Orange Rectangle = Pond#2 Repair

See Also Attached For Detail

Please Note the Overall Disturbance of Land
from Historic and Previous Activities

**This is revised in the attached PLAT
To better show the revised locations**



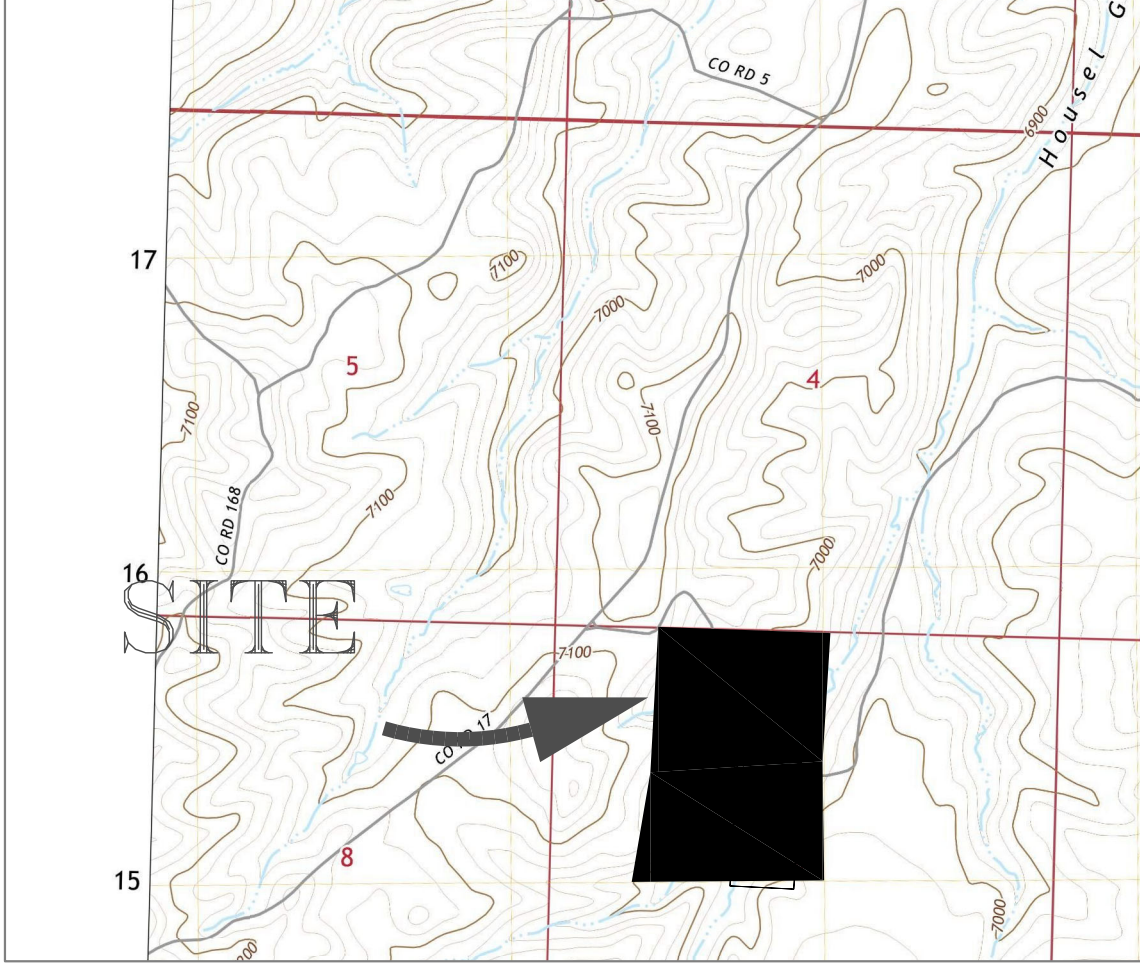
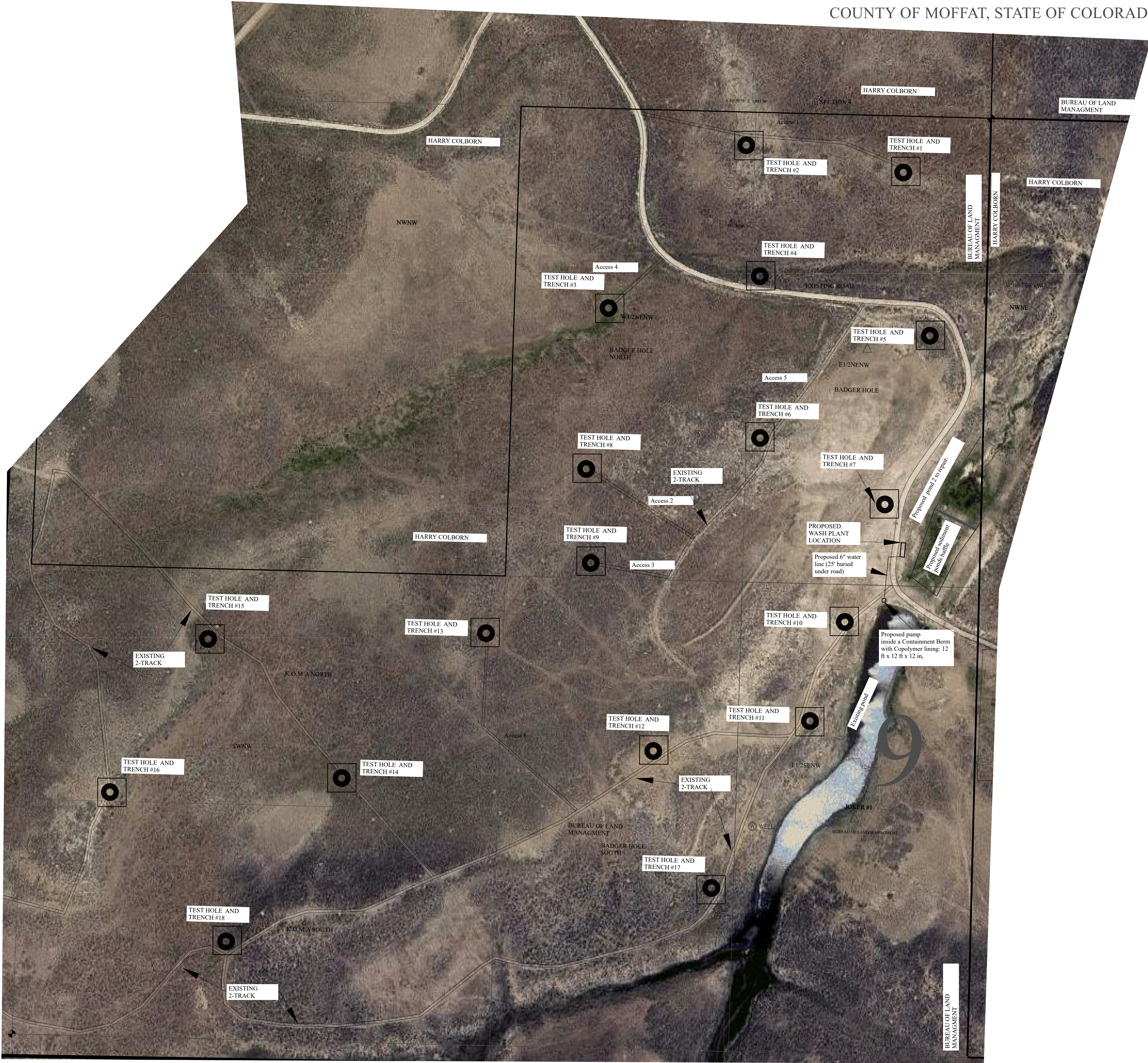
Joker Project Equipment Exhibit

**This is revised in the attached PLAT
To better show the revised locations**



Badger Hole N.O.I Plan Exhibit

NE $\frac{1}{4}$ NW $\frac{1}{4}$ SECTIONS 9,
TOWNSHIP 9 NORTH RANGE 92 WEST, OF THE 6th P.M.
COUNTY OF MOFFAT, STATE OF COLORADO



VICINITY MAP
SCALE: 1" = 2000'

- NOTES:
- VICINITY MAP
SCALE: 1" = 2000'
- 1) DATE OF SURVEY: 06/17/2024.
 - 2) UNIT OF MEASURE ARE THE U.S. SURVEY FOOT.
 - 3) THIS SURVEY IS BASED ON EXISTING BOUNDARY CORNERS FOUND IN PLACE.
 - 4) PROPOSED N.O.I FOR BADGER HOLE LLC.
 - 5) DETAIL IS OF DRILL HOLES AND TRENCHES DUG.
 - 6) TRENCH AREAS WILL BE 80X80 TO ACCOMMODATE SPOILS AND TOTAL DISTURBED AREA.
 - 7) DRILL AREA WILL BE 10X10 TO ACCOMMODATE DRILL RIG FOOTPRINT.

Sq. Feet	Acres	Lot Description
7637 sq ft	0.175 acres	ACCESS 5
1507 sq ft	0.0346 acres?	ACCESS 4
1759 sq ft	0.0404 acres?	ACCESS3
2906 sq ft	0.0667 acres?	ACCESS2
5911 sq ft	0.1357 acres	ACCESS1
6400 sq ft	0.1469 acres	TRENCH2
6400 sq ft	0.1469 acres	TRENCH1
6400 sq ft	0.1469 acres	TRENCH3
6400 sq ft	0.1469 acres	TRENCH5
6400 sq ft	0.1469 acres	TRENCH4
6400 sq ft	0.1469 acres	TRENCH 7
6400 sq ft	0.1469 acres	TRENCH 8
6400 sq ft	0.1469 acres	TRENCH 9
6400 sq ft	0.1469 acres	TRENCH 12
6400 sq ft	0.1469 acres	TRENCH 13
6400 sq ft	0.1469 acres	TRENCH 11
6400 sq ft	0.1469 acres	TRENCH 10
6400 sq ft	0.1469 acres?	TRENCH 6
100 sq ft	0.002 acres	PUMP
482 SQ FT	0.011 acres	WASH PLANT SMALL
83 sq ft	0.002 acres	6" WATER LINE
32000 SQ FT	0.735 acres	5 TRENCHES 14-18
52272 sq ft	1.2 ACRES	POND 2
3540 sq ft	0.081 acres	ACCESS 6
Total Area: 191,397 sq ft		4.39 acres



BADGER HOLE LLC
Mine Site , Craig Co



10889 Co Rd 320
Rifle Co 81650

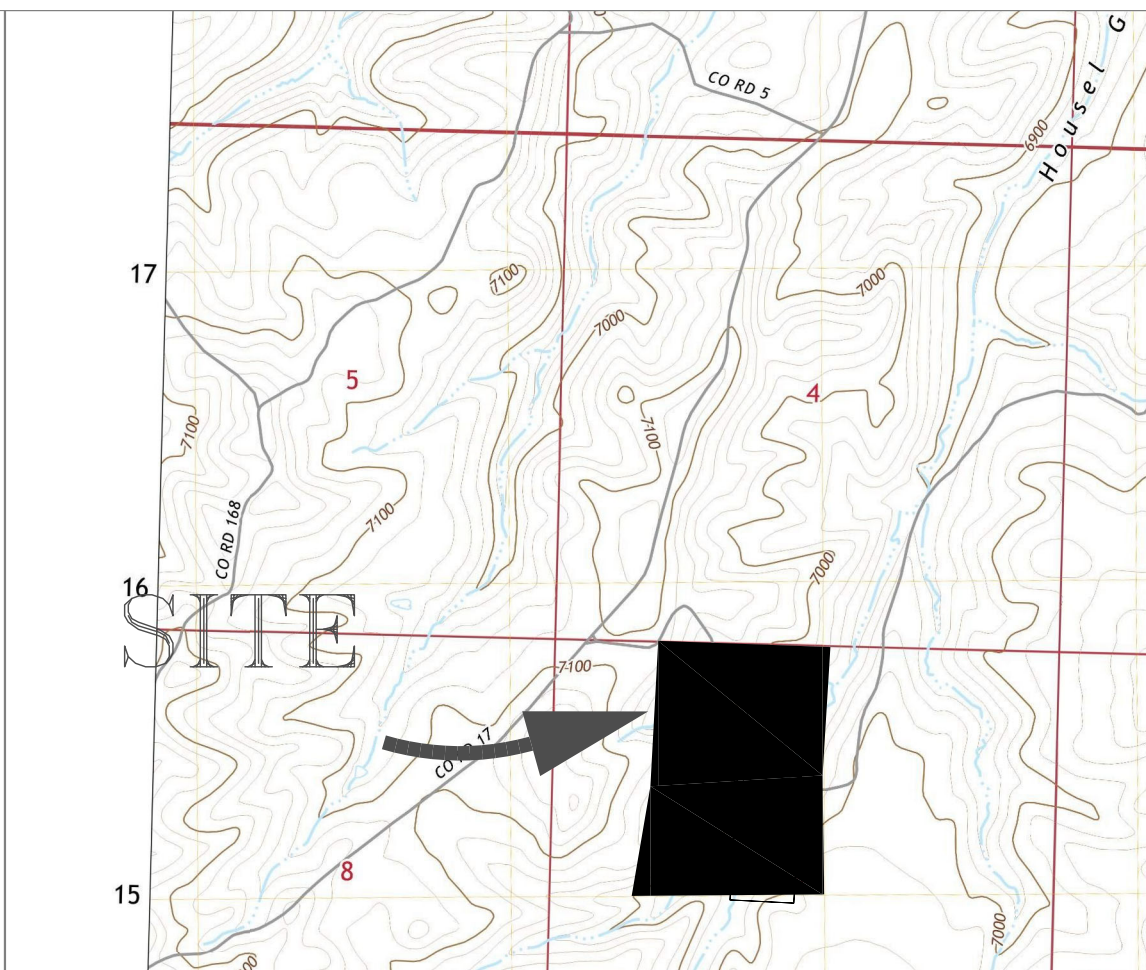
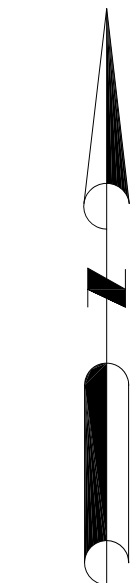
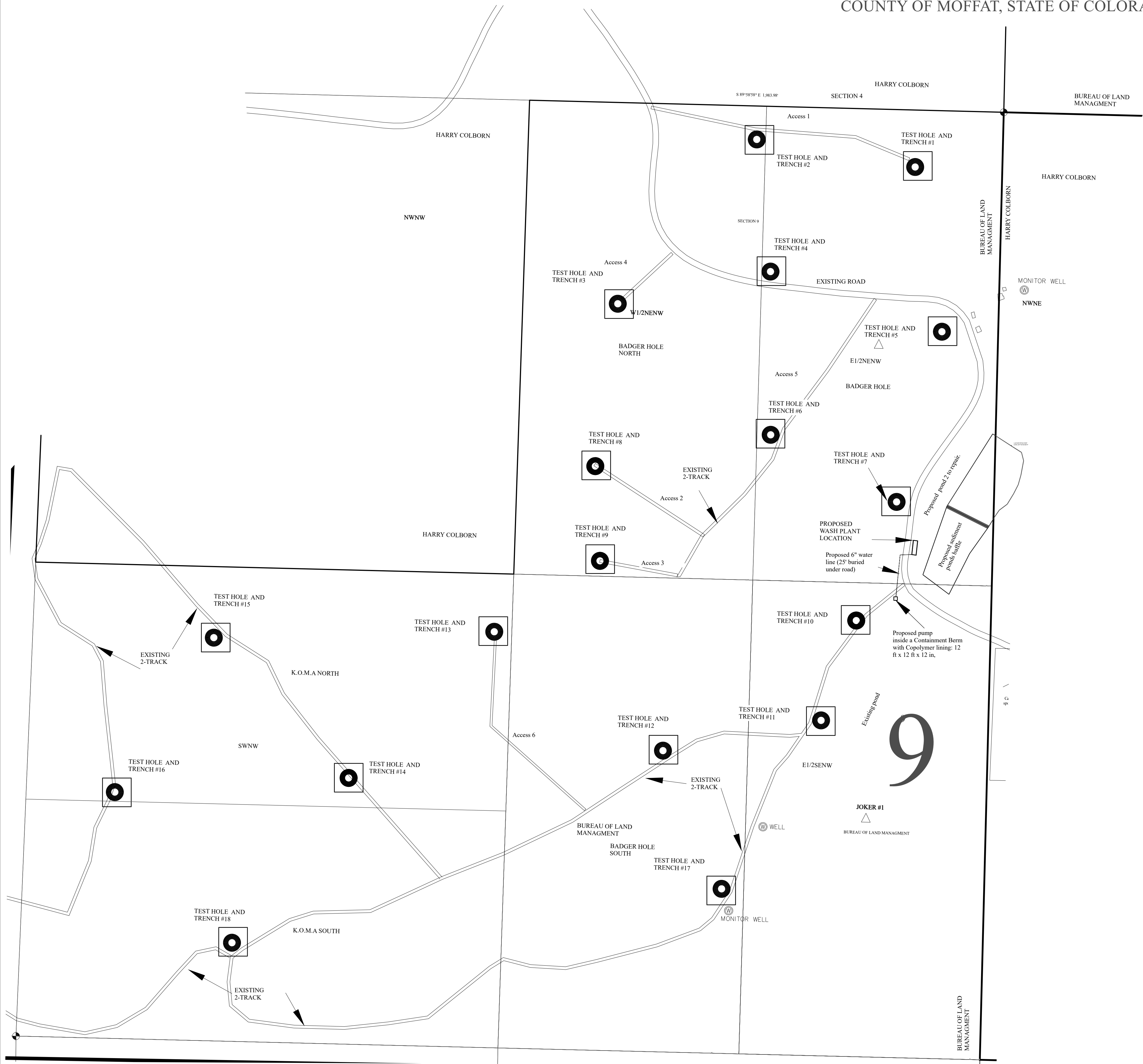
BADGER HOLE LLC
Mine Site , Craig Co
10889 Co Rd 320
Rifle Co 81650

BADGER HOLE N.O.I. PLAN
NE $\frac{1}{4}$ NW $\frac{1}{4}$ SECTIONS 9,
TOWNSHIP 9 NORTH RANGE 92 WEST, OF THE 6th P.M.
COUNTY OF MOFFAT, STATE OF COLORADO

DRAWN BY:	IM	DATE:	05/20/25
CHECKED BY:	IM	BADGER HOLE DRAWING NO.:	
JOB NO.:	BADGER HOLE SHEET 1 OF 1		

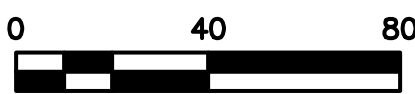
Badger Hole N.O.I Plan Exhibit

NE¹/₄ NW¹/₄ SECTIONS 9,
TOWNSHIP 9 NORTH RANGE 92 WEST, OF THE 6th P.M.
COUNTY OF MOFFAT, STATE OF COLORADO



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 - 5) DETAIL IS OF DRILL HOLES AND TRENCHES DUG.
 - 6) TRENCH AREAS WILL BE 80X80 TO ACCOMMODATE SPOILS AND TOTAL DISTURBED AREA.
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Sq. Feet	Acres	Lot Description
7637 sq ft	0.175 acres	ACCESS 5
1507 sq ft	0.0346 acres?	ACCESS 4
1759 sq ft	0.0404 acres?	ACCESS3
2906 sq ft	0.0667 acres?	ACCESS2
5911 sq ft	0.1357 acres	ACCESS1
6400 sq ft	0.1469 acres	TRENCH2
6400 sq ft	0.1469 acres	TRENCH1
6400 sq ft	0.1469 acres	TRENCH3
6400 sq ft	0.1469 acres	TRENCH5
6400 sq ft	0.1469 acres	TRENCH4
6400 sq ft	0.1469 acres	TRENCH 7
6400 sq ft	0.1469 acres	TRENCH 8
6400 sq ft	0.1469 acres	TRENCH 9
6400 sq ft	0.1469 acres	TRENCH 12
6400 sq ft	0.1469 acres	TRENCH 13
6400 sq ft	0.1469 acres	TRENCH 11
6400 sq ft	0.1469 acres	TRENCH 10
6400 sq ft	0.1469 acres?	TRENCH 6
100 sq ft	0.002 acres	PUMP
482 SQ FT	0.011 acres	WASH PLANT SMALL
83 sq ft	0.002 acres	6" WATER LINE
32000 SQ FT	0.735 acres	5 TRENCHES 14-18
52272 sq ft	1.2 ACRES	POND 2
3540 sq ft	0.081 acres	ACCESS 6
Total Area: 191,397 sq ft		4.39 acres



BADGER HOLE LLC
Mine Site , Craig Co



10889 Co Rd 320
Rifle Co 81650

BADGER HOLE LLC
Mine Site , Craig Co
10889 Co Rd 320
Rifle Co 81650

BADGER HOLE N.O.I PLAN
NE¹/₄ NW¹/₄ SECTIONS 9,
TOWNSHIP 9 NORTH RANGE 92 WEST, OF THE 6th P.M.
COUNTY OF MOFFAT, STATE OF COLORADO

DRAWN BY:	IM	DATE:	05/20/25
CHECKED BY:	IM	DRAWING NO.:	BADGER HOLE
JOB NO.:	BADGER HOLE	SHEET	1 OF 1

Voluntary – 43 CFR 3809 Exploration Notice Form



United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Royal Gorge Field Office
3028 East Main Street
Cañon City, Colorado 81212



DATE FILED:

Notice of Intent Prospecting/Exploration

ADDENDUM – Changes and Additions Highlighted 5/15/25

Requested corrections made 5-20-25

Information given here is based on the BLM Voluntary – 43 CFR 3809 Exploration Notice Form
Please see Addendum for Maps, Images, Photos, etc. referenced below

Section 1: Operator/Claimant Information 43 CFR 3809.301(b)(1)

1. Operator Information

Badger Hole LLC

10889 Co Rd 320
Rifle, Colorado 81650
970-948-4937, 970-625-5637
EIN 99-1983354

2. Claimant Information and Contacts; Claim Information

Harry Colborn, Colleen Colborn

10889 Co Rd 320
Rifle, Colorado 81650
970-948-4937, 970-625-5637

Ivan Martin

559 Pine Meadows Drive
Grand Junction, Colorado 81504-3013
970-618-2118

Claims

CO105289023	Joker #1	Placer
CO106391542	Badger Hole	Placer
CO106391540	Badger Hole North	Placer
CO106391541	Badger Hole South	Placer
CO106711982	KOMA North	Placer
CO106711983	KOMA South	Placer
CO*	Triple H North	Placer
CO*	Triple H South	Placer
CO*	Joker 4 East	Placer
CO*	Joker 4 West	Placer

*** In process of staking and registration**

Claims location shown on map included in Addendum.

Section 2: Location

1. Legal Description

Moffat County, Colorado

Principal Meridian	Township	Range	Section	Quarter Section	Quarter Quarter Section	Claim Name
06	9N	92W	9	NW	E/2 SE NW	Joker #1
06	9N	92W	9	NW	E/2 NE NW	Badger Hole
06	9N	92W	9	NW	W/2 NE NW	Badger Hole North
06	9N	92W	9	NW	W/2 SE NW	Badger Hole South
06	9N	92W	9	NW	N/2 SW NW	KOMA North
06	9N	92W	9	NW	S/2 SW NW	KOMA South
06	9N	92W	9	NW	N/2 NW NW	Triple H North
06	9N	92W	9	NW	S/2 NW NW	Triple H South
06	9N	92W	4	SE	E/2 SW SE	Joker 4 East
06	9N	92W	4	SE	W/2 SW SE	Joker 4 West

2. Surface Ownership

BLM

3. Access

Access is by established unimproved road; this intersects with County Road 17, as indicated on the location map.

This road crosses private property to reach the claims.

Claimant (Badger Hole LLC) has purchased these adjacent private ranch lands that access the claims, as shown on map.

Maps are included in the Addendum

4. Maps and Drawings of Operations

4. Maps & Drawings of Operations: Please include an accurate topographic base map showing the location of the proposed project with this form. The prospector may submit a U.S.G.S 7.5 minute quadrangle or similar map of adequate scale that:
- Provides a general location in relation to major roads, towns, etc.
 - Identifies the proposed prospecting site(s) or activity areas involving surface disturbance. Activity areas include, but are not limited to, all drill holes, mud pits, excavations, trenches, adits, shafts, tunnels, rock dumps, stockpiles, impoundments, prospecting roads, etc.; and
 - Includes sufficient detail to identify and locate known prospecting features and facilities that may be affected and those that are not anticipated to be affected. This includes, but is not limited to, the location of all drill holes, mud pits, excavations, trenches, adits, shafts, tunnels, rock dumps, stockpiles, impoundments, prospecting roads, etc. Color photographs, adequately labeled (including date, orientation and location), of the prospecting site may be used to fulfill this requirement if included with this form.

- Topo and satellite (Google Earth) images – general location in Moffat County
- Topo, photo images, plats show claims boundaries, and general disturbed areas from previous historic mining activities that have been reclaimed, however reclamation was minimal. No pit, holes, or trenches remain. Several old and dilapidated buildings in poor shape are on the property. Old roads still show up on images.
- Images show the poorly reclaimed area and roads. No holes, pits, trenches, etc. remain. Buildings in poor repair will be removed. Area will be better reclaimed after prospecting and exploration, and potential mining usage.

See maps and images included in Addendum

Section 3: Description of Operations (Proposed Action) 43 CFR 3809.301(b)(2)

1. Proposed Disturbance

Exploration plan

Revised disturbance calculations:

For sample test sites totaling approximately 2.6 acres across the four claims.

One site for trommel/wash plant operation 0.011 acres, and settling pond system and reservoir 1.2 acres, plus pump and water lines 0.004 acres. Minimal temporary roads to test sites 0.5334 acres.

Total disturbance of 4.3926 acres (see revised plat by Ivan Martin – Stars to Stones Surveying – attached to this document). See Table

<i>Item Description</i>	<i>Sq. Feet each</i>	<i>Acres each</i>	<i>Acres total</i>
Trenches			
#s 1 to 18	6400	0.1469	2.6442
Access Paths			
#1	5911	0.1357	
#2	2903	0.0667	
#3	1759	0.0404	
#4	1507	0.0346	
#5	7637	0.175	
#6	3540	0.081	0.5334
MM Reservoir #2	52,272	1.2	1.2
Pump	100	0.002	0.002
Water Line 6" Pipe	83	0.002	0.002
Wash Plant	452	0.011	0.011
TOTAL AREA			4.3926

2. Commodity

Primary: Gold, Secondary: REE minerals

3. Period of Operation

Exploration/Prospecting: Sept 1, 2024 to Sept 1, 2026

If economic minerals are found, will apply for a small mine permit with additional period of operation.

4. General Schedule of Operations

4. **General Schedule of Operations:** Please describe the different parts of operation (Site Development, Operational Phases, Reclamation Phases). Describe each phase of the exploration operation including design, operations, timeframe for completion, and reclamation.

Phase 1

Fall 2024: Begin site development:

- Check condition of land. Determine whether any action is needed.
- Bucket test (5 gal bucket) to determine best places to trench/pit for spring.
- Begin testing shallow pits/trenches if weather permits.
- Planning for water treatment to be used for operations.

Spring 2025: Operation and Design

- Shallow pits/trenches,
- Testing with a small wash plant, 10 tests planned.
Using 5 yd per hour trommel to do bulk testing of approximately 30 yards per test.
- Trommel: small trommel approx. 2ft x 4ft with an E55 bobcat (12K) excavator feeding it.
- Tests to be completed by September 2026.

Results of testing will determine whether to apply for a small mine permit to continue work (Phase two).

Phase 2

- If test results are economic, will plan and file for a small mine permit (to be determined and filed)

Reclamation

Will be determined by results.

- If there are no economic results from Phase one, will reclaim by end of phase one period, September 2026. See Reclamation Plan below.
- If economic results are found, phase two will plan reclamation as prescribed by a new submission of a mining plan, which will include a reclamation plan.

5. Access and Other Roads

5. **Access and other roads:** include information such as, but not limited to, the type (haul, light vehicle, access), location(s), length, maintenance, upgrades, uses, temporary, permanent, etc. Indicate any part of the access that is in current existence and the current condition. Indicate these items on the location map(s) in section 2.3.

Access to the claims is from Moffat County Road 17, County maintained.

- The Access point, is a permanent ranch type dirt road. This is shown in map and image located in the Addendum, **and discussed under #3.**
- Operations will use the primary road as shown on the map in the Addendum. **This access is on private land owned by Badger Hole LLC.**
- Current condition is not well maintained and is in poor condition. Current use is by surrounding ranches to check on cattle that use this BLM land, and by hunting parties.
- Planned Use by equipment listed in #6.
- Length of existing main road approximately 4000 feet.

6. Equipment

Vehicles and equipment

- General road vehicles
- Trommel – 5 yard per hour trommel
- 6 inch Wacker water pump,
- 938 XCMG 4 yd loader,
- John Deere 770K dozer,
- John Deere 13 excavator,
- Hydrema 912 haul truck, 10 yd.
- Tracked Steed 6" Auger Drill

7. Exploration Operations

7. **Exploration Operations:** In the table below, identify the type or method of prospecting proposed and the quantity to be extracted including, but not limited to, dredging, high banking, cuts, pits, trenches, shafts, tunnels, adits, declines, air drilling, fluid drilling, blasting, etc. In the open comments box, describe any additional exploration activities including but not limited to: water source, pipelines, generator/pump, storage containers, etc. Indicate items listed in the table and comments on the location map(s) in section 2.3.

Type or Method of Prospecting, Quantity of Material Removed, Area of Surface Disturbance

Shallow cuts, pits, trenches, each 0.15 acres total surface disturbance, see above Table.

Note that most material collected from these trenches, etc. will be used as backfill.

Soil will be stacked at the top of each trench and then redistributed after refill.

See new map with detailed information on area of disturbance – attached to this document.

See map(s) in Addendum for further locations of items in this section.

a. Drilling, b. Underground Operations, c. Scope of Operations, Water Sources, Etc.

- No underground operations, no blasting, etc.; for Phase 1.
- Testing by shallow drill to approximately 50' depth, backfilled with tested or disturbed material.
 - Drill is a tracked Steed 6" Auger Drill, it does not require a pad or roads; at 6 lbs/sq in, it is not hard on surfaces, and will be careful to use already permitted 'roads' or paths.
 - Drill depths to up to 50', but if water is encountered will immediately stop.
 - Samples will be taken in 3' composited intervals.
 - Drillholes will be filled with the loose material from drilling.
 - Note that in most cases, the drillholes will be in locations that will be trenched or mined.
- Testing by shallow pits/trenches: Test material will be hauled down to the processing area with a loader and stock piled adjacent to that location. Once the material is tested the tailings will be hauled back and dumped back into the holes it came from. When possible project will utilize the tails as a back haul to help reduce trips. Roadway/paths to test sites will be routed so as to cause least disturbance, and use previously disturbed roads/paths/2tracks.
- Objective: Determine presence and distribution of economic minerals.
- With this information gathered in 2024-2026, if proves economic then will develop mine plan

Water Sources, pipelines, road, generator, storage containers:

- Water sources – see #10 below
- Water will be pumped through temporary above ground lines from source to trommel
- If storage is needed, may use portable tanks
- Water will be transported via surface pipelines, combination of flexible and standard 4 or 6" pipe. Will be buried where pipelines cross roads. Note water pipelines will be buried under roads.
- Pumps are 6 inch Wacker PTL, Z5k generac
- Secondary road access – from main road will carefully use temporary road(s) using shortest and least disturbance possible to access test site(s). Many sites could be located to use the already disturbed roads/paths/2tracks seen on the maps (Addendum).

8. Use and Occupancy (re § 3715.2)

In addition to the requirements specified in § 3715.2, your occupancy must involve one or more of the following:

- (a) Protecting exposed, concentrated or otherwise accessible valuable minerals from theft or loss;*
- (b) Protecting from theft or loss appropriate, operable equipment which is regularly used, is not readily portable, and cannot be protected by means other than occupancy;*
- (c) Protecting the public from appropriate, operable equipment which is regularly used, is not readily portable, and if left unattended, creates a hazard to public safety;*
- (d) Protecting the public from surface uses, workings, or improvements which, if left unattended, create a hazard to public safety;*

- There will not be a guard, nor anyone else living on the site.

9. **Hazardous Substances, if applicable:** Indicate if chemicals and/or fuel are to be used on site. Include information such as, but not limited to, type of generator, chemicals, fuels, quantities, disposal, storage, etc. Indicate locations of use and storage on location map(s) in section 2.3. Include a spill contingency plan if chemicals and fuel are to be used or stored on site.

9. Hazardous Substances

NO hazardous substances, chemicals, or materials will be used or stored on site. Diesel or gas fuel will be used in vehicles and equipment but not stored on the site.

Equipment will be refueled using pickup truck as needed from Baggs or Craig in evenings.

Power will be provided by the 3 inch diesel pump for test plant, 2 inch water pump with gas motor that drives the trommel.

Refueling of Pump: Will build a small dike around where the pump will sit and line it with pond liner material: Proposed equipment: ULTRATECH Collapsible Containment Berm: 1,000 gal. to 4,999 gal., Copolymer.

Fuel Spill:

1. Stop Leak. If possible put pan or other container under leak.
2. Set up a baffle/barrier around spill to keep from spreading.
3. Dig up as much of the contaminated soil as possible and properly dispose.
4. Sprinkle absorbent over the remaining spill and let absorb.
 - a. *Granular materials like vermiculite, peat moss, or clay absorbents are ideal for land spills. They are spread over and mixed with the spilled diesel/fuels to absorb it. Hydrophobic Absorbents: These repel water and only absorb oil*
5. Dig up fuel/absorbent mixture and properly dispose.

10. Water Management Plan

10. Water Management Plan:

- a. Describe anticipated relationship to surface water and groundwater (proximity to streams, penetration of ground water aquifers, known water depth of lenses, major watershed, storm water plan per CDPHE regulations, etc.).
- b. If the use of water is required, describe the location of source and quantity to be used. Please include any necessary permits in Section 3.12 below.

a. Surface and Groundwater:

Proximity to streams: see maps in Addendum, Housel Gulch is within the claims area.

Groundwater/aquifer depths/lenses are unknown, however were not reached within the shallow test excavations, and not expected to be reached during operations.

Storm water management plan (CDPHE): At this time BLM is not requiring such a plan. If DNR/CDPHE requires this for any approval, this will be addressed. As far as erosion from storms or other processes, such as road use – if this becomes a problem, we will put in water bars or other types of baffle or diversion treatment to stop erosion and prevent drainage into the surface waters.

b. Water sources:

Wells, Reservoir/Pond, Spring

Well Locations:

See maps in Addendum for Locations

Water Well 214076 NE NW S9 T9N R92W; 750' from N and 2500' from W Section lines

Water Well 26081-F S9 T9N R92W; 1345' from N and 1615' from W Section lines

Surface water locations:

See maps in Addendum for Locations

Minerals Mining Reservoir #1: (Pond#1) (Copied from original permit) W-881-75

Point of diversion and/ or place of storage:

I.P. is located at a point which is S7 07' 20" W 1420. 92 feet from the N/4 corner of Section 9, T 9N R 92 W, 6th P.M. Colorado.

Minerals Mining Reservoir #2: (Pond#2) (Copied from original permit) W-882-75

I.P. is located at a point which is S12°51;26"E 652.98 feet from the N/4 corner of Section 9, T9N R92W, 6th P.M. Colorado.

Minerals Mining Spring #1: (Copied from original permit) 83-CW-187

Lies in the SE 1/4 NW 1/4, Sec. 9 T. 9 N R 92 W, 6th P.M., 2050 feet from the west line and 2290 feet from the north line of Said Section 9.

It is not anticipated that any prospective workings will reach or intersect or interfere with ground water.

Clarification regarding the Dams for Reservoirs #1 and #2:

Dam #1 Emergency Repairs:

The temporary repairs for the dam were authorized by Kym Gresset of BLM and by Dana Miller, dam safety engineer of Colorado DWR. These repairs have been done to keep the erosion from breaching the dam, especially during the high spring runoff.

Dam #2 Repairs:

Baffle:

The Baffle in Reservoir #2 will be repaired with material from construction on the adjacent private land (owned by Badger Hole LLC). A 12" overflow culvert on the west side of the baffle will be installed.

The Baffle will be no more than 10' high, and will follow all construction rules for a non-jurisdictional dam by the DWR. (These are given in the attached approval for the Dam #2).

Surface Water:

Water to be used from Ponds #1 and #2

Restoration/repair of Pond #2 – submission to Colorado DWR Division 6 was approved

- Pond #2: upper part (behind baffle) to be used as a settling pond for processing use. Lower part to be used for water storage.
 - Submission to DWR states that construction/repair will follow close to original plan and size, following best construction practices for such small dams and ponds.
 - Note that water used in the processing is 'clean' water from ponds and or well, and no chemicals or other contaminants will be added. Any minor amounts that might reach surface or ground waters would be of the natural system's composition.
 - The Baffle is allowed by DWR/DNR as a sediment pond under the approval.
 - Please see attached approval of the Dam #2 document for more information on the dam and construction.
- With respect to cleaning of any waste and protection of surface and ground waters: If needed, water filtration system will be planned and put into use for future prospecting/exploration purposes. However no chemicals or other foreign substances will be introduced into the system.
- Reclamation as described below.

Quantity of water to be used

For exploration and prospecting use, minimal water is required for trommel tests, no more than 2000-3000 gals per day.

When practical, water will be recycled through ponds or other storage, with only minimal loss due to operations and evaporation. Storage in ponds, removable tanks, or other as approved.

Note concerning Minerals Mining Reservoir #2

The approval and plan for the repair of the Dam #2 is attached. This gives the location and dimensions of the dam, and the engineering parameters.

The part of the Reservoir #2 to be used in this Notice is the upper portion, by way of a Baffle to the lower area of the reservoir. This can be accomplished before the repair of the Dam#2 (which is on private land) by repairing the Baffle. The Baffle will be fortified with additional material (by Earthworking equipment), and a culvert for the overflow into the main reservoir. Explanation follows within the email copied here.

The permission for the Baffle was received by email, through the following:

Email to Dana Miller, DWR

5/13/25

Hi Dana

The Reservoir and Dam 2 - are the WHOLE of what might look like two halves or two separate ponds.

The lump in the middle is (was) a sediment baffle, not a dam, meant to catch the bulk of sediment before it enters the deeper part of the reservoir. It has/had a main flow channel on the west side, and a flow around on the east side at high water levels, though those are eroded to some extent, and could be repaired or be replaced by a culvert if the baffle is repaired.

In the case of the Joker Project, with the sediment baffle in place, the upper portion of the reservoir can act as the sediment pond without damaging/filling the whole of the reservoir with sediment. Sediment from the upper part of the pond can be fairly easily removed/dredged and returned to the project for fill, reclamation, or other uses.

In the meantime, BLM will approve the step 1 of the project, which will use the upper portion of the reservoir as a settling pond IF it's ok to use the baffle.

So the question is:

DO WE NEED ANY ADDITIONAL APPLICATION OR APPROVAL TO REPAIR OR USE THE BAFFLE?

MANY THANKS!

Lisa

LISA R. FISHER
TOMASSUK NATURAL RESOURCES LLC
EVERGREEN, COLORADO
303-478-9427

Return Email from Dana Miller

Quoting Dana Miller <dana.miller@state.co.us>: 5/13/25

Hi Lisa!

1. The answer is no, no approval needed for the baffle.
2. There are no fees associated with an application to construct (or repair) a non-jurisdictional dam, nor any permit requirements in the future.

Thank you!

Dana

DANA MILLER, PE (she/her)
DAM SAFETY ENGINEER
C 719-221-1227
925 Weiss Drive, Steamboat Springs, CO 80487
dana.miller@state.co.us | [_https://dwr.colorado.gov/_](https://dwr.colorado.gov/)

11. List any and all permits associated with the proposed operations:

<u>Issuing Agency</u>	<u>Permit Type</u>	<u>Permit #</u>	<u>Date of Expiration</u>
Colorado DWR	Water Well	214076	none
Colorado DWR	Water Well	26081-F	none
Colorado DWR	Minerals Mining Spring No.1	83-CW-187	none
Colorado DWR	Minerals Mining Reservoir No.1	W-881-75	none
Colorado DWR	Minerals Mining Reservoir No.2	W-882-75	none

Reclamation Plan 43 CFR 3809.301(b)(3)

1.a. Photographs of the pre-prospecting condition:

Photos, air photos, etc. are included in the Addendum.

Note that the area has heavy disturbance from previous mining activities.

b. Period of reclamation:

Beginning September 2026 for a period of one year, unless a mining permit has been applied for and approved.

c. Native Vegetation:

Photos are attached in the Addendum, taken July 2024, from various orientations on the claims.

Predominantly sage, shrubs, and grasses. Wildflowers are native to the area, but are not present to any extent in the disturbed claims area.

d. Topsoil depth, salvage and stockpile, management:

Topsoil has already been disturbed by previous mining activity, and it appears that there is little original topsoil left on several areas of the claims, or that what remained has been redistributed on the surface. Estimates of original soil depth are from neighboring areas, at 2 to 4 feet of depth. Current actual topsoil over the disturbed areas may be much less.

Any recognizable topsoil will be salvaged, stockpiled during operations, and used during reclamation. There is a small pile near the old buildings that may be an old stockpile of soil and will be used for reclamation.

e. Drillholes: Shallow Drillholes will be refilled with material from the hole.

f. Reclamation of:

Portals, Adits, Shafts:

N/A; No portals, adits, or shafts are planned.

Excavations:

Any excavations/trenches/drillholes will be minor and shallow, and will be reclaimed and recontoured by infill with excess and surrounding disturbed material.

Ponds:

Existing Pond #1 (Minerals Mining Reservoir #1) has historically and is currently used by cattle and will not be reclaimed.

Pond #2 ((Minerals Mining Reservoir #2) will be dealt with according to the permit, whether it is allowed to be left in place for cattle and wildlife, or will be required to be removed and recontoured. Excess sediment from use as a settling pond will be used as fill for any areas in need of fill, or to underlie topsoil.

Soils:

Stockpiled soils will be redistributed at the proper time or stage in reclamation.

g. Roads:

- Main Access Roads: N/A – the main roads will still be used by the private entities that use this land, so will not be reclaimed. These roads will be left in their upgraded condition.
- Secondary Roads: Any secondary roads used in prospecting will be reclaimed and reseeded.

H. Reseeding:

Reseeding will be done with recommendation from NRCS.

Nakayla Lestina, NRCS, supplied the recommendations for seed species and method. These documents are attached at the end of this document.

Reseeding will be done with broadcast handheld seed caster, then 'raked' in by using a 8' drag behind a 4-wheeler.

2. Reclamation Cost Estimate 43 CFR 3809.552

State NOI - \$2000 per acre as reclamation costs.

BLM NOI – Costs are based on actual costs to reclaim area.

Largest of the 2 estimates is used for bond cost.

Note that the main difference between the original cost estimate and the current addendum is the cost of the seed. The additional acreage is mostly attributable to the settling pond, which may or may not need to be reseeded. The earthwork costs incur only minimal additional work.

Note that if not all trenches are dug, the reclamation cost will decrease.

Costs on BLM spreadsheet:

Reclamation Budget - Joker Project				
Original				
task	quantity	hours	cost/hr*	subtotal
A. Earthwork - Recontouring				
trench refill	10	1	\$200	\$2,000
secondary road/paths/other disturbance	10	1	\$200	\$2,000
settling pond(s)	1	16	\$200	\$3,200
B. Revegetation/Stabilization				
ground prep	1	8	\$200	\$1,600
seed (estimate) For 2 acres	1	1	\$1,613	\$1,613
C. Equipment Removal				
loads	4	3	\$200	\$2,400
Subtotal				\$12,813
20% Administrative/Overhead/Profit to Contractor				\$2,563
Subtotal				\$15,375
22% Administrative cost to BLM				\$3,383
Grand Total				\$18,758
* All in cost - labor, equipment, fuel, insurances, etc.				

Reclamation Budget - Joker Project				
task	quantity	hours	cost/hr*	subtotal
A. Earthwork - Recontouring				
trench refill	18	1	\$200	\$3,600
secondary road/paths/other disturbance	6	1	\$200	\$1,200
settling pond(s)	1	16	\$200	\$3,200
B. Revegetation/Stabilization				
ground prep	1	8	\$200	\$1,600
seed (estimate) for 4 acres	1	1	\$1,613	\$3,225
C. Equipment Removal				
loads	4	3	\$200	\$2,400
Subtotal				\$15,225
20% Administrative/Overhead/Profit to Contractor				\$3,045
Subtotal				\$18,270
22% Administrative cost to BLM				\$4,019
Grand Total				\$22,290
* All in cost - labor, equipment, fuel, insurances, etc.				

Estimation of Seed Costs

(Seeding Recommendations Follow Attached at End of This Document)

Seed Budget Estimation - Joker Project					
For 2 acres					
<u>Species</u>	<u>Source</u>	<u>Price/Lb</u>	<u>Lb/Acre</u>	<u>cost/acre</u>	<u>2 Acres</u>
Recommended by USDA NRCS					
Western Wheatgrass \$13.85/lb	Nature's Seed	\$ 13.85	3.06	\$42	\$84.76
Needle and Thread \$112/lb	Nature's Seed	\$ 112.00	1.09	\$122	\$244.16
Indian Ricegrass \$25/lb	Nature's Seed	\$ 25.00	2.15	\$54	\$107.50
Bluebunch Wheatgrass \$18.85/lb	Nature's Seed	\$ 18.85	2.49	\$47	\$93.87
Sandberg Bluegrass \$20.28/lb	Nature's Seed	\$ 20.28	0.28	\$6	\$11.36
Cicer Milkvetch \$11.42/lb	Nature's Seed	\$ 11.42	0.65	\$7	\$14.85
American Vetch \$200/lb	Pawnee	\$ 200.00	2.64	\$528	\$1,056.00
Western Yarrow \$2.50/lb	Nature's Seed	\$ 2.50	0.03	\$0	\$0.15
Grand Total					\$1,612.65
https://naturesseed.com/					
https://pawneebuttesseed.com/seeds/american-vetch/					

Seed Budget Estimation - Joker Project					
<u>Species</u>	<u>Source</u>	<u>Price/Lb</u>	<u>Lb/Acre</u>	<u>cost/acre</u>	<u>4 Acres</u>
Recommended by USDA NRCS					
Western Wheatgrass \$13.85/lb	Nature's Seed	\$ 13.85	3.06	\$42	\$169.52
Needle and Thread \$112/lb	Nature's Seed	\$ 112.00	1.09	\$122	\$488.32
Indian Ricegrass \$25/lb	Nature's Seed	\$ 25.00	2.15	\$54	\$215.00
Bluebunch Wheatgrass \$18.85/lb	Nature's Seed	\$ 18.85	2.49	\$47	\$187.75
Sandberg Bluegrass \$20.28/lb	Nature's Seed	\$ 20.28	0.28	\$6	\$22.71
Cicer Milkvetch \$11.42/lb	Nature's Seed	\$ 11.42	0.65	\$7	\$29.69
American Vetch \$200/lb	Pawnee	\$ 200.00	2.64	\$528	\$2,112.00
Western Yarrow \$2.50/lb	Nature's Seed	\$ 2.50	0.03	\$0	\$0.30
Grand Total					\$3,225.30
https://naturesseed.com/					
https://pawneebuttesseed.com/seeds/american-vetch/					

A. Earthwork, Recontouring

Pits, drainage, sediment control, other disturbed areas

NOTE No underground openings to be reclaimed.

Estimates:

- 1 hour each trench to be filled,
- a day to work over secondary roads/paths used and any other disturbance,
- 2 days to deal with sediment in settling pond.

Total time 34 to 40 hours,

Cost at \$ 200/hour total costs (includes labor, equipment, fuel, insurances, etc.)

Cost subtotal \$8000 or less

B. Revegetation/Stabilization

Estimate a day or less to go over the disturbed areas, \$200 per hour total cost (includes labor, equipment, fuel, insurances, etc.)

Subtotal ground preparation \$1600 or less

Seeding rate: 12.39 lbs/acre; approximately 2 acres disturbance in Phase 1

Cost of seed: \$1612.65 Estimate for 2 acres, \$3225 for 4 acres if settling pond is included. If pond is left for water for wildlife, cattle, etc., then that acreage is not reseeded. Note that American Vetch Seed cost is high, and we might find a better cost from a different supplier.

Reseeding will be done with broadcast handheld seed caster, then 'raked' in by using a 8' drag behind a 4-wheeler.

Post closure: Checked for proper recontouring, seed growth. If seeding growth is not successful, will seek advice from the County Extension Agent, or from the State NCRS to see if additional seed or a different method or variety of seed is recommended.

C Foundations, Demolition, Equipment Removal

The only foundations and demolition would refer to the removal of the old dilapidated buildings that predate this project.

Equipment (including vehicles, trommel, pipelines, baffles, fencing, etc.) to be removed by claim owner

Estimated cost:

- towing away equipment, 4 loads, 3 hours per load, \$200 per hour total cost (includes labor, equipment, fuel, insurances, etc.)

Subtotal \$2400

Total A to C

See table

D. Monitoring: N/A ?

E. Construction Management and Support: N/A

F. Operation & Maintenance Costs

See table

G. Indirect Costs: N/A

Federal Contracts, etc. N/A

Estimated total \$18,758 or \$22,290 -- note that \$18,758 has already been paid (\$3532 difference)