

# **AN APPLICATION FOR A PERMIT TO CONDUCT COAL SURFACE MINING AND RECLAMATION ACTIVITIES AT THE TRAPPER MINE IN MOFFAT COUNTY, COLORADO**

**SUBMITTED BY  
TRAPPER MINING INC.  
C-1981-010**

<b>Submitted:</b>	<b>January 1981</b>
<b>Renewal:</b>	<b>February 1987</b>
<b>Renewal:</b>	<b>February 1993</b>
<b>Renewal:</b>	<b>January 1998</b>
<b>Renewal:</b>	<b>January 2003</b>
<b>Renewal:</b>	<b>July 2008</b>
<b>Renewal:</b>	<b>July 2013</b>
<b>Renewal:</b>	<b>November 2017</b>
<b>Renewal:</b>	<b>February 2023</b>

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**Appendix W     2023 Annual Report**

**VOLUME LIII**



# Colorado Division of Reclamation, Mining and Safety

## Annual Reclamation Report for Calendar Year – 2023

Trapper Mine	C-1981-010	Trapper Mining Inc.
Mine Name	Permit Number	Permittee
PO Box 187, Craig, CO 81626		
Address		

This report, required by Rule 2.04.13, is due by February 15 of each year, or other date, as agreed upon by the Division. It should include text, discussion, and maps, at a minimum, in addition to any other reclamation monitoring data as required by the approved permit. The location of the acreage reported under each land status category and year of seeding (if applicable) should be clearly identified on a map included with the report.

Land Category	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Acreage in Active Mining Areas <sup>1</sup>	1,430.8	324.2	329.6	=	1,425.4

Land Category	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Acres Disturbed <sup>2</sup>	6,900.6	328.9	261.3	=	6,968.2
Acres Backfilled and Graded	4,690.9	329.6	260.0	=	4,759.2
Acres Topsoiled	4,690.9	275.0	260.0	=	4,704.6

Acreage in Long-term Facilities <sup>3</sup>	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Non-Permanent Facilities	679.5	4.7	0.0	=	684.2
Permanent Facilities (permitted)	99.4	0.0	0.0	=	99.4
Totals	778.9			=	783.6

Acres Seeded (permanent)	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
9 Years and Less	613.0	66.4	120.3	=	559.1
10 Years and Greater	4,077.9	120.3	261.3	=	3,936.9
Totals	4,690.9			=	4496.0

Bond Release	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Phase I Released	4,527.6	4.7	261.3	=	4,271.0
Phase II Released	4,232.9	0	261.3	=	3,971.6
Phase III Released	3,805.5	0	260.0	=	3,545.5

<sup>1</sup>Includes pits, topsoil stripped areas in advance of pits, and spoil not backfilled and graded

<sup>2</sup>Surface Mine Acres Disturbed = B&G + Long-Term Facilities + Active Mining Areas; Underground Mine Acres Disturbed = B&G + Long-Term Facilities; Separately-permitted Loadouts = B&G + Long-Term Facilities

<sup>3</sup>Includes haul, access and light-use roads, temporary dams and impoundments; permanent dams and impoundments; diversion and collector ditches, water and air monitoring sites; topsoil stockpiles; overburden stockpiles; repair, storage and construction areas; office area, repair shops, and parking; coal stockpiles, loading, and processing areas; railroads; coal conveyors; refuse piles and coal mine waste impoundments; head-of-hollow fills; valley fills; ventilation shafts and entryways; and non-coal waste disposal area (garbage dumps and coal combustion by-products disposal areas).

## Annual Reclamation Report Instructions

The Annual Reclamation Report (ARR) form has been designed to aid in the tracking of disturbed acres as they progress through the reclamation process. The rows are arranged so that the initial disturbed acres are entered at the top of the page and the acres will progress down through the rows to final bond release at the bottom.

Note: The “Last Year’s Cumulative Total” columns need to have the values entered from the previous year’s ARR “Cumulative Total” columns. This ensures accuracy from year to year.

### Land Category –

Acreage in Active Mining Areas – This section applies only to surface mines. It does not apply to underground mines nor to separately-permitted loadouts. Footnote 1 on the ARR form describes Active Mining Areas as pits, topsoil stripped areas in advance of pits and spoil not backfilled and graded.

### Land Category –

Acres Disturbed – This is the total number of acres that have been disturbed by surface coal mining and reclamation operations for this permit number, regardless of name changes, bond releases and changes to the permit boundary. The subtraction column is for tracking acres transferred to another permit or corrections associated with record keeping and mapping. Do not subtract acres where Phase III bond release was achieved. A formula is shown in footnote 2 on the ARR form for surface and underground mines that explains how this value is determined.

Acres Backfilled and Graded – This is the total number of acres that have been backfilled and graded to the approved post-mining topography. The subtraction column is for tracking acres transferred to another permit, acres re-disturbed or corrections associated with record keeping and mapping. Do not subtract acres where Phase III bond release was achieved.

Acres Topsoiled – This is the total number of acres that have been topsoiled in advance of seeding with approved permanent seedmixes. Do not enter acres for topsoiled out slopes of pond embankments, topsoiled out slopes of road embankments, or topsoiled out slopes of cut-and-fill facility pads. The subtraction column is for tracking acres transferred to another permit, acres re-disturbed or corrections associated with record keeping and mapping. Do not subtract acres where Phase III bond release was achieved.

#### Acres in Long-term Facilities –

Non-Permanent Facilities – This is the total number of acres that have a facility listed in Footnote 3 at the bottom of the ARR form that has not been approved in the permit to remain as permanent.

Permanent Features – This is the total number of acres that have a facility listed in Footnote 3 at the bottom of the ARR form that has been approved in the permit to remain as permanent. If the feature is intended to be permanent but has not been approved as permanent through a permitting action (TR, PR, etc.), then it is not considered permanent.

#### Acres Seeded –

The acres seeded rows are for permanently seeded acres. Do not enter temporary seeding of topsoil piles, cover crops, embankment stabilization, etc.

Acres that were seeded during the current reporting year are entered in the “9 Years and Less” row.

When a parcel becomes seeded for 10 years or greater, subtract the acres from the “9 Years and Less” row and add it to the “10 Years or Greater” row.

The subtraction column in the “10 Years or Greater” row is for tracking acres transferred to another permit, acres re-disturbed or corrections associated with record keeping and mapping. Do not subtract acres where Phase III bond release was achieved.

#### Bond Release –

This is the total number of acres that have achieved Phase I, II or III bond release for this permit number, regardless of name changes and changes to the permit boundary.

Acres are added to these categories after DRMS’ proposed decision becomes final (issuance).

The subtraction column is for tracking acres transferred to another permit, acres re-disturbed or corrections associated with record keeping and mapping. Do not subtract acres where Phase III bond release was achieved.

Objective – The “Cumulative Total” value in each of these rows will be the same as the value in “Acres Disturbed – Cumulative Total” when the mine achieves final bond release.



# **SECTION 1.0**

## **ANNUAL RECLAMATION REPORT**



**C-1981-010**

## **SECTION 1.0      2023 Annual Reclamation Report**

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As specified by the revisions (1/3/90) to 2CCR 407-2, 2.04.13, Trapper Mine is submitting an Annual Reclamation Report for the previous calendar year (2023).

Historically, section 3.5.3 of Trapper's mining and reclamation permit required a reclamation map be submitted to the CDRMS annually by March 15. Subsequent to 1988 the map entitled the "Postmine Contour Map" was changed to "Reclamation Map." The reclamation maps developed from aerial photographs taken during the previous fall shows pit advancements, recontoured spoil areas and a historical account of the previously regraded areas for the year.

The 2023 reclamation map is a composite of the aerial photographs taken by drone during 2023, and shows the reclamation performed during 2023 for all areas under bond. Map(s) 1 show the aerial extent and location of disturbed acres, graded acres, topsoiled acres and perennial seeded acres during 2023. It also shows the location, aerial extent and reclamation year of all previously revegetated areas, as well as the actual and projected mature shrub clump establishment areas, topsoil stripping areas and laydown areas for 2023.

### **1.1      Permittee Identification**

The Permittee for this annual reclamation report is:

Trapper Mining Inc.  
P.O. Box 187  
Craig CO 81626  
Permit No. C-1981-010

### **1.2      Results**

Table 1.1 and Map(s) 1 show the 2023 reclamation results. The various reclamation stages are addressed below in separate subsections.

#### **1.2.1      Disturbed Acres**

In 2023, Trapper disturbed 328.9 acres in the C Pit, D Pit, I Pit, J Pit and L Pit areas. Disturbance consisted of some re-disturbance of Phase III Bond released lands in the former D Pit area for topsoil pile retrieval and reclamation tie in. Re-disturbance also occurred in the I Pit and J Pit areas of the former A Pit reclamation for pit advancement. Extensive re-disturbance occurred in the former B and C Pit reclamation areas for development of the C Pit HWM pit. Unfortunately this pit will not be further developed at this time and the topsoil stripping that occurred will have to be reclaimed in the future. Re-disturbance also occurred in the former H Pit area to re-establish a dragline walkroad back the western panel of the mine. The remaining disturbance was in L Pit for pit advancement. Table 1.2 documents acres re-disturbed and the bond release status of each.

#### **1.2.2      Backfilled and Graded Acres**

Trapper completed backfill and grading on 329.6 acres in 2023 to final contour (AOC). The majority of the D Pit area was completed. Only the haulroad for that pit remains to be regraded. The eastern portion of the I Pit was also regraded, as was a portion of the dragline walkroad reestablished in the H Pit area.

#### **1.2.3      Topsoiled Acres**

Trapper re-topsoiled 239.3 acres in 2023 to final contour (AOC). Topsoil was placed in the D Pit, I Pit and walkroad areas. A small portion of the regraded area in the D Pit reclamation parcel was not topsoiled in 2023; it will be completed in 2024, as will the remainder of the dragline walkroad.

#### **1.2.4 Seeded Acres**

Trapper seeded 66.4 acres to the permanent vegetation mixture in 2023 to final contour (AOC). The majority of the D pit topsoiled area was not seeded to the permanent seed mix in 2023. The area will be aerial seeded with an annual grass mix in the spring of 2024 to first stabilize the area and help to rejuvenate the topsoil. The topsoil used on this parcel has been stored since the late 1970's and is likely to be lacking a significant micro-organic biome. The permanent seed mixture will be placed in the fall of 2024, with the permanent aerial mix added in the spring of 2025.

#### **1.2.5 Cultural Practices**

In 2023 Trapper also conducted several other cultural practices. These practices are addressed below.

##### Drainage Reconstruction

Refer to Section 3.0 of this annual report.

##### Contour Ditch Construction

During 2023, Trapper did not construct any contour ditches.

##### Stock Tank Construction

No new Stock Tanks were constructed during the 2023 field season. Refer to Section 6.

##### Stock Tank Reclamation

No Stock Tanks were reclaimed during the 2023 field season. Refer to Section 6.

##### Developmental Drill Sites

During the 2023 Developmental Drilling season 7 holes were drilled within the permit boundary. Drill holes were completed in the I Pit area. All applicable developmental drill holes were abandoned per permit section 3.3.2 and will be reclaimed and seeded per section 3.6.3.5 of the permit. Drill hole abandonment typically uses Alternative 2 for sealing of the borehole.

##### Topsoil Piles

During 2023 piles D97-1 and E78-2 were nearly depleted for topsoil laydown in D Pit. Piles D1-07, E78-1, E79-4, E79-22A and E87-12 were entirely depleted for topsoil laydown in the D Pit area. Pile I-20-1 was depleted for laydown in the eastern I-Pit area. Piles CG1, MH2 and L21-3 had additional topsoil added to them from stripping operations. Trapper also constructed seven new topsoil piles. Topsoil piles C23-1, C23-2, C23-3 and C23-4 in the C Pit area; piles D23-1 and D23-2 in the D Pit area and L23-1 in the L Pit area. Piles J22-1, J22-2, J22-3A and J22-3B were moved for pit advancement to pile CG-1. Two small piles were also constructed adjacent to the newly constructed East and West Buzzard ponds in the NW corner of the permit area. Refer to Section 5.

##### Sediment Dams

Sediment ponds Middle Pyeatt #1 and East Pyeatt #1 were cleaned of all sediment and Johnson #10 was partially cleaned and aquatic vegetation removed in 2023. New Sediment ponds East Buzzard #3 and West Buzzard #4 were constructed in the northwest corner of the permit area during the summer of 2023.

### **1.2.6 Previously Revegetated Acres**

The locations and acres for all previously revegetated areas, seeded to perennial species, are presented in Map(s) 1. To date, Trapper has revegetated approximately 4,496.0 acres. Of the total revegetated acres, 3,545.5 reclaimed acres have received final phase III bond release. The phase III total includes 260.0 acres of re-disturbance in C,D, I and J Pit areas during 2023.

Not shown on Map(s) 1 in this annual report are the areas seeded to temporary perennial mixes that will require final reclamation prior to the end of the project (life of mine).

### **1.2.7 Re-Disturbed Reclamation Acres**

The parcel identification and acres re-disturbed due to mining activities for all previously revegetated areas will be documented here. Table 1.2 shows acres re-disturbed and summarizes the bond release status of each parcel. C,D, I and J Pit development resulted in 261.3 total acres of re-disturbance in 2023.

**Table 1.1. Reclamation Summary for Trapper Mine (2023).**

	Ashmore Pit	Derringer Pit	C Pit	L Pit	Z Pit	F Pit	N Pit	I Pit	J Pit	Non-pit Areas	Total
<u>New Disturbance Acres</u>											
Topsoil Strip Areas		19.7	172.5	31.9				1.5	69.7	33.6	328.9
Topsoil Pile Areas											
Total	0.0	19.7	172.5	31.9	0.0	0.0	0.0	1.5	69.7	33.6	328.9
<u>Backfilled and Graded Areas</u>											
		293.9						21.4		14.3	
Total	0.0	293.9	0.0	0.0	0.0	0.0	0.0	21.4	0.0	14.3	329.6
<u>Topsoil Replacement Areas</u>											
		239.3						21.4		14.3	
Total	0.0	239.3	0.0	0.0	0.0	0.0	0.0	21.4	0.0	14.3	275.0
<u>Vegetated (Seeded) Acres</u>											
Range Sites A&B		30.7									30.7
Range Site C								21.4		14.3	35.7
Perennial Haycrop											
Temporary*											
Total	0.0	30.7	0.0	0.0	0.0	0.0	0.0	21.4	0.0	14.3	66.4

\* Includes topsoil piles, diversion ditches, sediment ponds, drill pads, drainageways, and other temporarily reclaimed lands.

**Table 1.2. Re-Disturbed Reclamation Summary for Trapper Mine (2023).**

Page 1

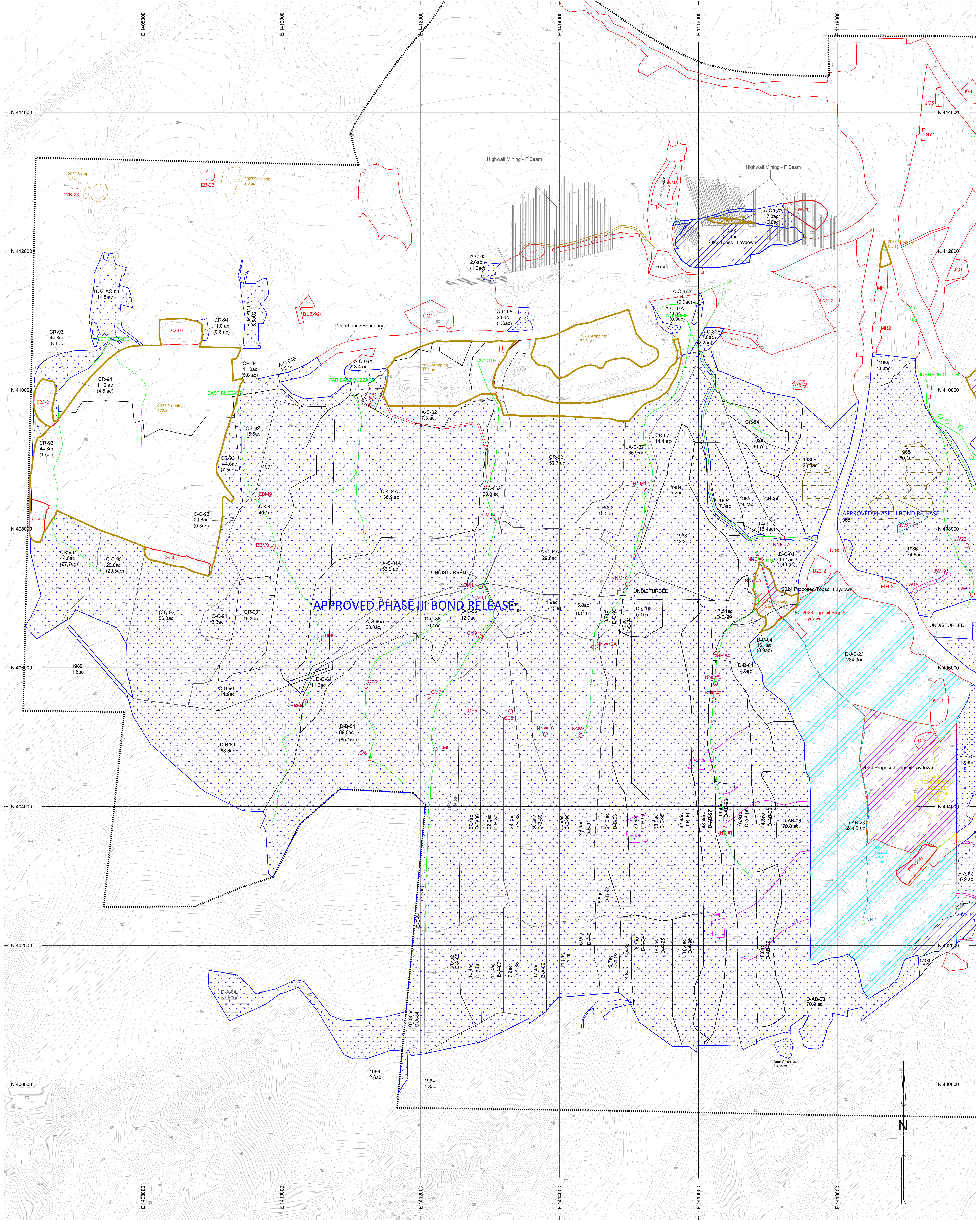
Parcel	Year	Re-Disturbed Acres	Bond Release Status			Yearly Total
			Phase I	Phase II	Phase III	
H-B-94	2001	8.5	8.5	8.5	-	8.5
A-C-86B	2007	1.6	1.6	1.6	1.6	
A-B-86	2007	4.3	4.3	4.3	4.3	
A-A-00	2007	4.7	-	-	-	
Z-AB-05	2007	2.6	-	-	-	13.2
A-B-98	2008	5.0	5.0	-	-	
A-B-00	2008	3.1	3.1	3.1	-	
A-B-98	2008	0.2	0.2	-	-	8.3
Z-AB-05	2009	0.3	0.3	-	-	
Z-AB-06	2009	0.1	0.1	-	-	
Z-A-07	2009	0.8	0.8	-	-	
Z-A-08	2009	0.5	-	-	-	1.7
Z-AB-05	2011	0.9	0.9	-	-	0.9
F-AB-04	2012	2.2	2.2	2.2	-	
F-AB-05	2012	0.6	0.6	0.6	-	
F-AB-06	2012	1.8	1.8	1.8	-	
F-AB-07	2012	2.0	2.0	-	-	
F-AB-08	2012	0.7	0.7	-	-	
F-AB-09	2012	0.4	-	-	-	
F-AB-11	2012	0.7	-	-	-	8.4
A-B-94	2014	0.7	0.7	0.7	0.7	0.7
A-C-95	2019	0.4	0.4	0.4	0.3	
A-B-95	2019	4.0	4.0	4.0	3.9	
A-B-96	2019	13.7	13.7	13.7	13.7	
A-B-97	2019	12.6	12.6	12.6	12.6	
A-B-98	2019	17.0	17.0	17.0	17.0	
A-B-99	2019	26.7	26.7	26.7	26.7	
A-B-00	2019	2.8	2.8	2.8	2.8	77.2
A-C-87A	2020	4.7	4.7	4.7	4.7	
A-B-94	2020	74.0	74.0	74.0	74.0	
A-C-94	2020	2.8	2.8	2.8	2.6	
A-C-95	2020	17.3	17.3	17.3	14.9	
A-B-95	2020	25.3	25.3	25.3	25.1	
A-B-96	2020	5.0	5.0	5.0	5.0	
A-B-97	2020	5.2	5.2	5.2	5.2	
A-B-98	2020	8.2	8.2	8.2	8.2	
A-B-99	2020	16.1	16.1	16.1	16.1	
A-B-00	2020	14.3	14.3	14.3	14.3	
A-B-09	2020	1.4	1.4	1.4	-	
F-AB-05	2020	0.3	0.3	0.3	0.3	
H-B-98	2020	2.2	2.2	2.2	2.2	
H-C-04	2020	6.1	6.1	6.1	6.1	182.9
A-C-94	2021	0.6	0.6	0.6	0.5	
A-C-95	2021	5.6	5.6	5.6	5.1	6.2
A-C-82	2022	0.9	0.9	0.9	0.9	
A-C-86A	2022	0.3	0.3	0.3	0.3	
A-C-87	2022	9.3	9.3	9.3	9.3	
A-C-87A	2022	11.5	11.5	11.5	11.5	
A-C-05	2022	4.5	4.5	4.5	4.5	
CR-82	2022	18.4	18.4	18.4	18.4	
CR-84A	2022	0.5	0.5	0.5	0.5	
E-A-86	2022	2.4	2.4	2.4	2.0	
E-A-87	2022	4.2	4.2	4.2	4.2	
E-AB-08	2022	4.9	-	-	-	56.9

**Table 1.2. Re-Disturbed Reclamation Summary for Trapper Mine (2023).**Cont.  
Page 2

Parcel	Year	Re-Disturbed Acres	Bond Release Status			Yearly Total
			Phase I	Phase II	Phase III	
A-B-91	2023	1.9	1.9	1.9	1.6	
A-C-82	2023	20.6	20.6	20.6	20.6	
A-C-86A	2023	0.3	0.3	0.3	0.3	
A-C-87	2023	7.9	7.9	7.9	7.9	
CR-82	2023	18.1	18.1	18.1	18.1	
C-C-92	2023	11.6	11.6	11.6	11.6	
CR-92	2023	0.2	0.2	0.2	0.2	
C-C-93	2023	24.3	24.3	24.3	24.3	
CR-93	2023	81.8	81.8	81.8	81.8	
CR-94	2023	47.9	47.9	47.9	47.9	
D-B-04	2023	1.6	1.6	1.6	1.6	
D-C-04	2023	5.7	5.7	5.7	5.7	
E-A-83	2023	5.8	5.8	5.8	5.4	
E-A-84	2023	0.6	0.6	0.6	0.5	
E-A-85	2023	0.7	0.7	0.7	0.5	
E-B-83	2023	1.8	1.8	1.8	1.5	
E-B-84	2023	1.4	1.4	1.4	1.4	
E-B-85	2023	0.2	0.2	0.2	0.2	
H-C-03	2023	12.7	12.7	12.7	12.7	
H-C-04	2023	16.2	16.2	16.2	16.2	261.3
		626.2	612.4	602.4	579.5	Total

\* Parcel F-AB-07 modified with SL-24 PHII Bond Release application, previously assumed PHI re-disturbance of 5.1 acres was incorrect.





**LEGEND**

PERMIT BOUNDARY

HISTORICAL REVEGETATED AREA

SHRUB CLUMP/PI/I D/Year Constructed

2023 TOPSOIL STRIP

2023 RETOPOOLED, NOT REVEGETATED

2023 RETOPOOLED AND REVEGETATED AREA

2023 TOPSOIL STRIPPED, RETOPOOLED AND REVEG

2023 TOPSOIL STRIPPED, RETOPOOLED NO REVEG

EXISTING TOPSOIL STOCKPILE

ASH DUMP STORAGE AREA

2024 PROPOSED TOPSOIL LAYDOWN

2024 PROPOSED TOPSOIL STRIP

2024 PROPOSED TOPSOIL STRIPPING AND LAYDOWN

ACCESS CORRIDORS

EXISTING STOCK POND

EXISTING DOZER BASINS

RECONSTRUCTED DRAINAGES

2023 RECONSTRUCTED DRAINAGES

CONTOUR DITCH

APPROVED PHASE III BOND RELEASED BOUNDARY

AS-BUILT HIGHWALL MINING AREA

PROPOSED TOPSOIL STOCKPILE

1

2

3

SHEET LOCATION INDEX

0

200

400

600

800

1000

SCALE: 1" = 400' FT

CONTOUR INTERVAL: 10 FEET

TRAPPER MINING INC.

TRAPPER MINE

PERMIT C81-010

2023 ANNUAL RECLAMATION REPORT MAP

1 of 3

MAP 1

SHEET 1

2023

Topographic information compiled from aerial photography dated 1/2023

AutoCAD file: L:\Engineer\Permit\Annual Reports\2023\Map.mxd, rev: 2023.dwg

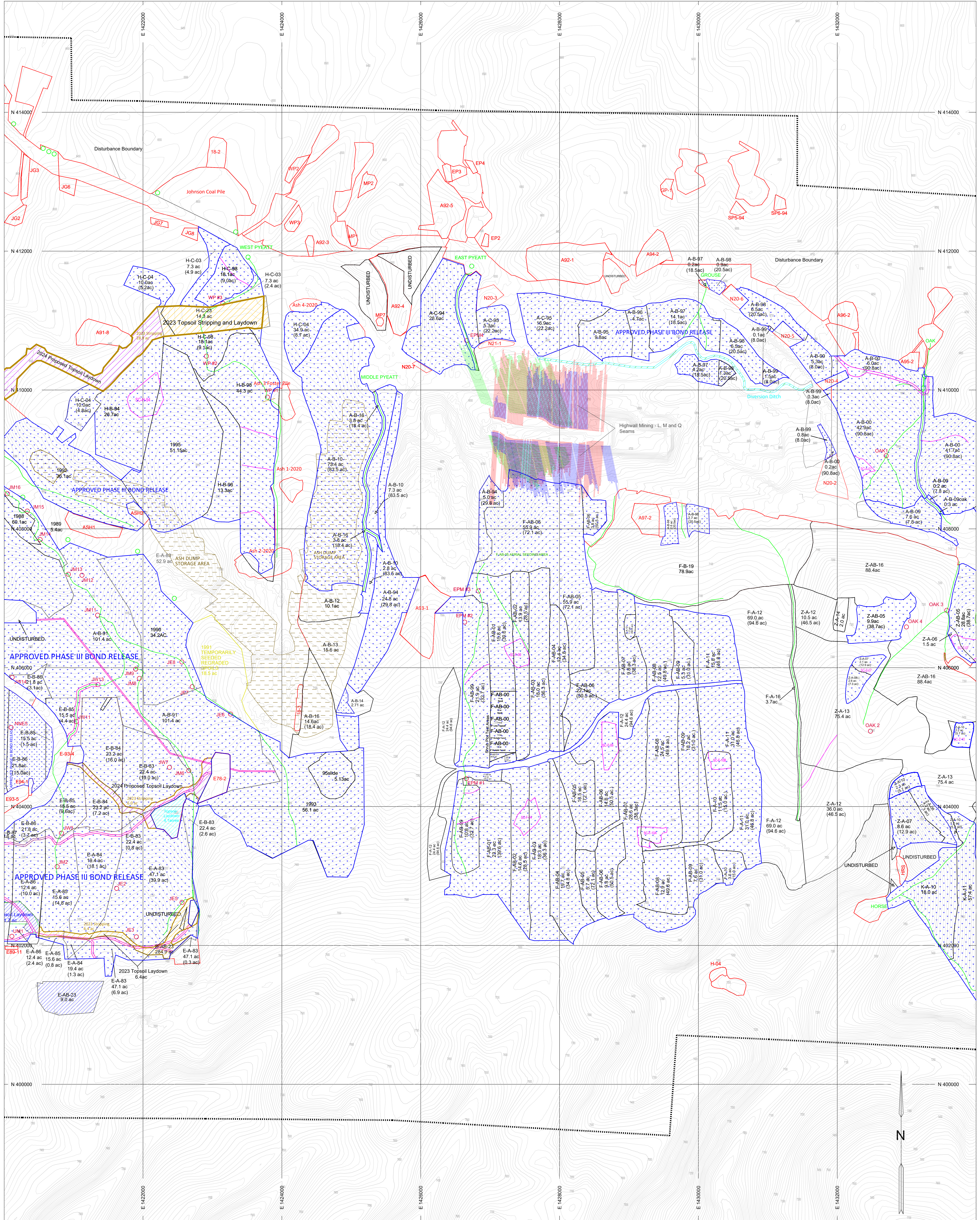
CRAG, CO.

DESIGNED BY: GJR

DRAWN BY: JMM

DATE: 3/11/24





PERMIT BOUNDARY

HISTORICAL REVEGETATED AREA

SHRUB CLUMP/PI ID/Year Constructed

2023 TOPSOIL STRIP

2023 RETOPOOLED, NOT REVEGETATED

2023 RETOPOOLED AND REVEGETATED AREA

2023 TOPSOIL STRIPPED, RETOPOOLED AND REVEG

2023 TOPSOIL STRIPPED, RETOPOOLED NO REVEG

EXISTING TOPSOIL STOCKPILE

ASH DUMP STORAGE AREA

2024 PROPOSED TOPSOIL LAYDOWN

2024 PROPOSED TOPSOIL STRIP

2024 PROPOSED TOPSOIL STRIPPING AND LAYDOWN

ACCESS CORRIDORS

EXISTING STOCK POND

EXISTING DOZER BASINS

RECONSTRUCTED DRAINAGES

2023 RECONSTRUCTED DRAINAGES

CONTOUR DITCH

APPROVED PHASE III BOND RELEASED BOUNDARY

AS-BUILT HIGHWALL MINING AREA

PROPOSED TOPSOIL STOCKPILE

1

2

3

SHEET LOCATION INDEX

0 100 200 300 400 500 600 700 800 900 1000

SCALE: 1 IN = 400 FT

CONTOUR INTERVAL: 10 FEET

Topographic information compiled from aerial photography dated 11/2023

AutoCAD file: L:\Engineering\Permits\Annual Reports\2023\Map\map\_2023.dwg

TRAPPER MINING INC.

TRAPPER MINE CRAIG, CO.

PERMIT C81-010

2023 ANNUAL RECLAMATION REPORT MAP

SCALE: 1 IN = 400 FT

DESIGNED BY: GCR

DRAWN BY: JMM

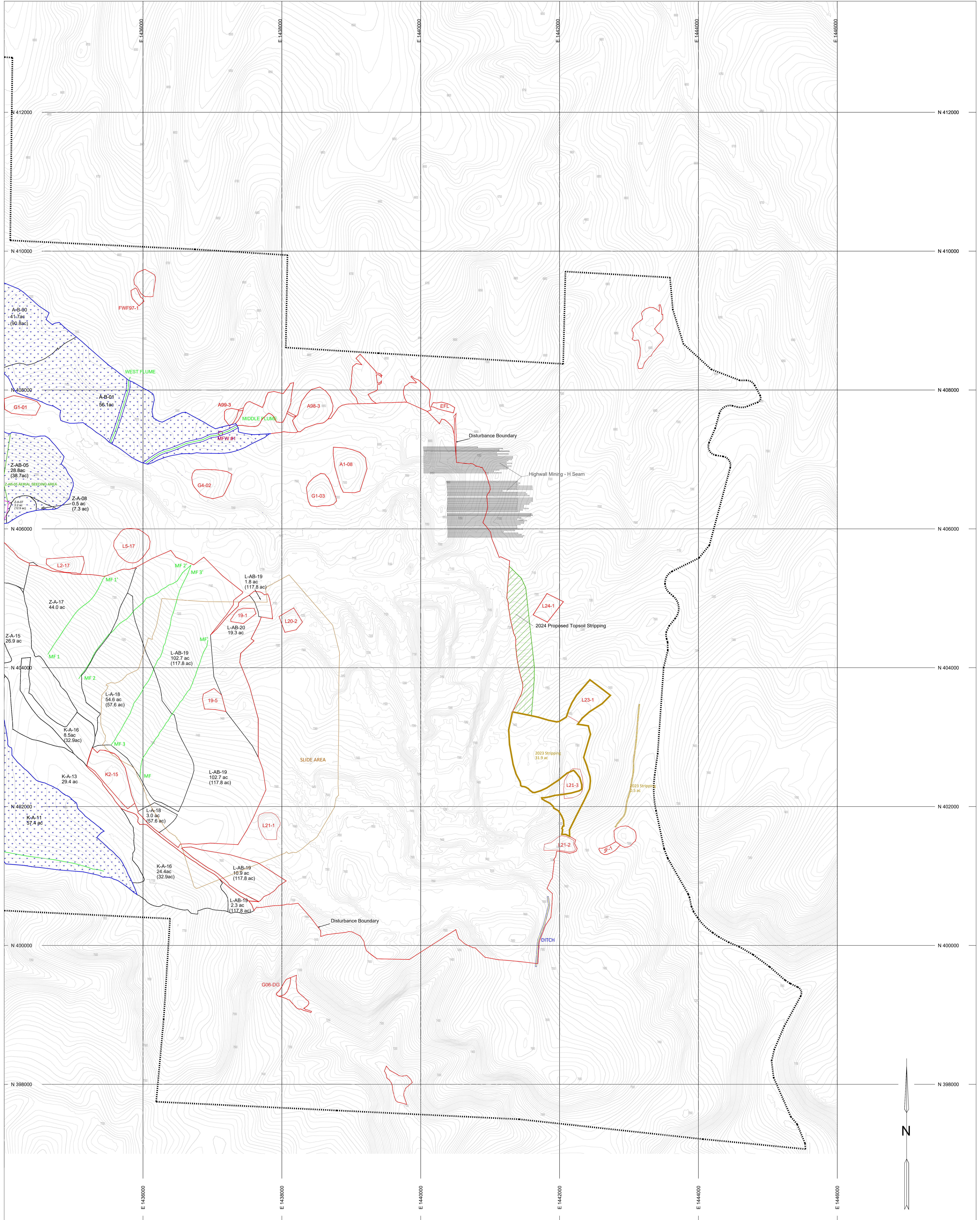
DATE: 3/11/24

SHEET 2 OF 3

MAP 1

SHEET 2





SC-0-02

2023 RETOPSOILED, NOT REVEGETATED

2023 RETOPSOILED AND REVEGETATED AREA

2023 TOPSOIL STRIPPED, RETOPSOILED AND REVEG

2023 TOPSOIL STRIPPED, RETOPSOILED NO REVEG

EXISTING TOPSOIL STOCKPILE

ASH DUMP STORAGE AREA

2024 PROPOSED TOPSOIL LAYDOWN

2024 PROPOSED TOPSOIL STRIP

2024 PROPOSED TOPSOIL STRIPPING AND LAYDOWN

ACCESS CORRIDORS

EXISTING STOCK POND

EXISTING DOZER BASINS

RECONSTRUCTED DRAINAGES

2023 RECONSTRUCTED DRAINAGES

CONTOUR DITCH

APPROVED PHASE III BOND RELEASED BOUNDARY

AS-BUILT HIGHWALL MINING AREA

PROPOSED TOPSOIL STOCKPILE

1

2

3

SHEET LOCATION INDEX

0 400 800 1200

SCALE: 1 IN = 400 FT

CONTOUR INTERVAL: 10 FEET

Topographic information created from aerial photography dated 11/2023.

AutoCAD file: L:\Engine\Permits\Annual Reports\2023\Map\trm\_map\_2023.dwg

TRAPPER MINING INC.

TRAPPER MINE

CRAIG, CO.

PERMIT C81-010

2023 ANNUAL RECLAMATION

REPORT MAP

SCALE: 1 in = 400 ft

DESIGNED BY: GCR

DRAWN BY: JMM

DATE: 3/11/24

Sheet 3 of 3

MAP 1

SHEET 3



## **SECTION 2.0**

**RESERVED**



**C-1981-010**



## **SECTION 3.0**

# **DRAINAGEWAY RECONSTRUCTION, IMPROVEMENTS AND REPAIRS**



**C-1981-010**

## **SECTION 3.0      2023 Drainage Reconstruction, Improvement and Repairs at Trapper Mine**

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### **3.1      Drainage Reconstruction 1987-2023**

At Trapper Mine, all or portions of nine major drainageways (Coyote, Johnson, Buzzard, No-Name, Oak, Grouse, Horse, Flume and Pyeatt) and their tributaries have been regraded and appropriately treated to reduce the erosion rate and assist in permanent channel stabilization from 1987 through 2023. At the conclusion of the 2023 field season, approximately 147,630 linear feet (27.96 miles) of permanent drainage reconstruction has been completed at Trapper Mine (Map 1). In 2023 5,760 feet of new drainage reconstruction occurred in the D-Pit area, main tributary to No-Name Gulch.

### **3.2      Drainage Improvements and Repairs**

Improvements and repairs were performed to provide benefits to all drainages treated in 1987-2023 as well as portions of undisturbed and disturbed drainage segments. Drainage improvements include dozer basins constructed in newly stripped topsoil areas and on newly regraded spoils. Dozer basins and/or stock ponds were cleaned and repaired in Johnson, East Pyeatt, Oak, Middle Flume, East Middle Flume and Deal drainages in 2023. Sediment ponds Middle Pyeatt #1 and East Pyeatt #1 were cleaned of all sediment and Johnson #10 was partially cleaned and aquatic vegetation removed in 2023. New Sediment ponds East Buzzard #3 and West Buzzard #4 were constructed in the northwest corner of the permit area during the summer of 2023. They are designed to treat and capture sediment from the proposed mining areas in C Pit. Repairs of 9,170 feet of drainage were conducted in the L/K Pit and the F Pit reclamation areas due to deep rills.

### **3.3      Drainage Reconstruction Design Summary**

Design criteria established with PR-07 shall be summarized for each year for the drainages reconstructed on the site. Table 3.1 shows the model inputs for each drainage designed and reconstructed for the reporting year. Map 1 indicates each drainage section reconstructed during the reporting year. In 2023 5,760 feet of new drainage reconstruction occurred in the D-Pit area, main tributary to No-Name Gulch.

**Table 3.1. Drainage Reconstruction Summary for Trapper Mine (2023)**

Drainage Model Inputs				
Drainage Designation (Map 1)	D-AB-23 NN 1'			
Total Acreage	267.6			
Average Curve Number	82			
Average Slope	11			
Total Storage Needed, ac-ft.	1.086			
Capacity of Check Dam(s), ac-ft.	0.02076			
Capacity of Dozer Basin(s), ac-ft.	1.1 (total)			
Dozer Basins Constructed	3			
Check Dams Constructed	53			
Required Number of Check Dams	52.31			
Total Storage Completed, ac-ft.	2.20028			

## **SECTION 4.0**

**RESERVED**



**C-1981-010**



**SECTION 4.0      Reserved**

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## **SECTION 5.0**

# **TOPSOIL STOCKPILE LOCATIONS**



**C-1981-010**

## **SECTION 5.0            Topsoil Stockpile Locations**

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Trapper's approved permit (Section 4.9.2) specifies that CDRMS will be provided with map(s) illustrating the location of topsoil stockpiles constructed during the previous year and the approximate locations for stockpiles proposed for construction during the upcoming year (Map 1).

Table 5-1 lists all existing stockpiles with their identification nomenclature, coordinates (based on the approximate center of the pile), acres, construction date and volume; which is updated annually.

During 2023 piles D97-1 and E78-2 were nearly depleted for topsoil laydown in D Pit. Piles D1-07, E78-1, E79-4, E79-22A and E87-12 were entirely depleted for topsoil laydown in the D Pit area. Pile I-20-1 was depleted for laydown in the eastern I-Pit area. Piles CG1, MH2 and L21-3 had additional topsoil added to them from stripping operations. Trapper also constructed seven new topsoil piles. Topsoil piles C23-1, C23-2, C23-3 and C23-4 in the C Pit area; piles D23-1 and D23-2 in the D Pit area and L23-1 in the L Pit area. Piles J22-1, J22-2, J22-3A and J22-3B were moved for pit advancement to pile CG-1. Two small piles were also constructed adjacent to the newly constructed East and West Buzzard ponds in the NW corner of the permit area.

At the end of 2023, excluding stockpiles abandoned with the approvals of MR-155 and TR-94, there are 81 existing topsoil stockpiles at Trapper affecting 186.1 acres and storing approximately 3,690,889 cubic yards of salvaged topsoil.

Proposed new topsoil stockpiles near the J and L Pit area may be constructed in 2024.

**Table 5-1. Trapper Mine Topsoil Pile Inventory (1)**

Topsoil Pile ID	Location	Coordinates		Size (acres)	Approximate CYDS	Year Created
		Northing	Easting			
18-2	Johnson Coal Pile	413,427	1,423,038	2.5	20,360	2018
18-3	Ash Dump	405,377	1,424,250	1.2	43,046	2018
19-1	K Ridge Reclamation	404,660	1,437,265	1.2	7,261	2019
19-5	K Ridge Reclamation	403,607	1,437,132	1.9	20,585	2019
A76-4	GB well site	410,070	1,417,400	0.5	7,805	pre 1976
A77-1	A field coal pile	409,850	1,411,300	1.3	10,620	1977
*A91-8	NW Edge of H Pit Reclamation	410,800	1,421,400	5.1	67,159	1991
*A92-1	North A Road East of East Pyeatt	411,900	1,427,900	12.5	336,429	1992
A92-3	North A Road East of West Pyeatt	412,100	1,424,400	0.6	7,632	1992
A92-4	North A Road Middle Pyeatt	411,300	1,425,600	7.2	171,972	1992
A92-5	North A Road West of East Pyeatt	412,670	1,426,360	7.8	194,000	1992
A93-1	A pit South #1	406,550	1,426,040	3.9	150,055	1993
A94-2	E of Grouse Drainage	412,000	1,429,300	4.4	120,606	1994
A96-2	North A Pit west of A 95-2	411,100	1,432,100	3.0	26,216	1996
A97-2	South of LOM Road	408,150	1,429,200	1.5	50,972	1997
A98-3	West Middle Flume Pond #3	407,500	1,438,240	5.3	204,024	1998
A99-3	East Middle Flume Pond	407,630	1,437,275	0.8	9,000	1999
A1-08	East of G1-03 Pile	406,870	1,439,000	5.6	183,982	2008
ASH1_2020	LOM/ASH Road	408,550	1,424,160	1.8	15,129	2020
ASH2_2020	LOM/ASH Road	407,300	1,423,850	3.6	60,000	2020
ASH3_Foster's Pile	LOM/ASH Road	409,850	1,424,000	2.3	38,684	2020
ASH4_2020	LOM/ASH Road	411,210	1,424,290	1.3	9,962	2020
ASH1	Johnson Gulch East Tributary	408,000	1,421,200	3.9	97,092	1992
ASH2	Johnson Gulch East Tributary	408,200	1,422,000	1.3	27,486	1992
BUZ92-1	Far East Buzzard Pond #1	411,100	1,410,250	0.4	882	1992
CG1	Coyote Gulch	410,836	1,408,404	5.4	159,186	1978/2023
C23-1	Colt Pit North End	411,050	1,412,200	5.0	171,512	2023
C23-2	Colt Pit West Side	409,800	1,406,465	3.7	72,039	2023
C23-3	Colt Pit SW Corner	408,107	1,406,403	2.9	47,788	2023
C23-4	Colt Pit NE Corner	407,561	1,408,265	3.6	44,732	2023
D23-1	D-Pit	404,930	1,419,161	1.2	9,052	2023
D23-2	D-Pit North End	407,370	1,417,647	2.7	19,919	2023
D93-1	North D pit #1	407,725	1,418,160	0.5	20,570	1993
D97-1	North end Enfield Pit	405,640	1,419,440	1.8	1	1997
E78-2	Middle E pit pile	404,400	1,423,100	4.5	5,000	1978
E79-D22-B	D Pit	403,350	1,419,300	0.7	36,000	2022/2023
E93-4	North E pit #4	408,750	1,421,050	0.9	14,030	1993
E93-5	Middle E pit #5	403,955	1,419,950	0.8	7,130	1993
E94-1	W of D East Road	404,280	1,420,370	0.3	2,304	1994
E94-2	N of D East Road	407,270	1,418,750	0.2	1,200	1994
G1-01	North of LOM rd @ G Pit	407,740	1,434,270	4.0	101,948	2001
G1-03	East G-Pit	406,526	1,438,555	3.5	89,822	2003
G4-02	North A-E & LOM Roads Intersection	406,728	1,436,968	2.1	137,784	2002
G06-DG	Deal Gulch pond	399,380	1,438,040	0.6	10,104	2006/2018
H04	West Horse pond	401,580	1,430,260	0.7	6,244	2004
HRS	Horse Pond	403,090	1,432,930	1.0	24,781	2000
I20-2	West end I-Pit	411,903	1,413,603	0.9	22,356	2020
I20-3	North Edge I-Pit	412,122	1,414,412	1.8	17,286	2020

**Table 5-1. Cont. - page 2**

Topsoil Pile ID	Location	Coordinates		Size (acres)	Approximate CYDS	Year Created
		Northing	Easting			
JF-1	Jeffway Pond #1	401,578	1,442,426	0.7	1,760	2018
JG5	Johnson Gulch Elect Station	414,250	1,419,450	0.5	6,209	1989
JG6	North A Haul Road Johnson	413,000	1,420,950	1.2	13,212	1987
JG7	North A Haul Road Ag Field W	412,400	1,422,250	0.5	16,850	1988
JG8	North A Haul Road Ag Field E	412,300	1,422,700	0.7	12,840	1988
K2-15	K Ridge Reclamation	402,400	1,435,600	7.1	67,082	2015
L2-17	East Readyline	405,490	1,434,900	2.4	46,485	2017
L5-17	Road to East Ready Line	405,800	1,435,830	4.5	91,745	2017
L20-2	K2 Road	404,650	1,438,139	2.0	32,400	2020
L21-1	L Reclamation	401,726	1,437,812	2.2	49,516	2021
L21-2	West of Jeffway Pond #1	401,449	1,442,020	1.6	19,502	2021
L21-3	Northwest on knob, Jeffway Pond #1	402,337	1,442,157	1.7	37,282	2021/2023
L23-1	L Pit Mid Pit East Side	403,512	1,442,319	4.2	65,437	2023
MH1	Main haul road north	411,710	1,418,660	1.0	32,147	1986
MH2	Main haul road south	410,800	1,418,550	2.6	60,251	1982
MP1	Middle Pyeatt Dam #1	412,200	1,425,030	0.6	4,200	1986
MP2	Middle Pyeatt Dam #2	413,000	1,425,220	1.2	12,500	1986
MP7	Middle Pyeatt Sediment Basin	411,000	1,425,400	0.2	645	1991
N20-2	New LOM Road	408,760	1,431,933	4.3	10,835	2020
N20-3	New LOM Road	411,300	1,426,940	2.0	19,770	2020
N20-4	New LOM Road	410,135	1,431,900	1.2	8,659	2020
N20-5	New LOM Road	410,790	1,431,300	1.8	5,620	2020
N20-6	New LOM Road	411,340	1,430,530	1.4	9,970	2020
N20-7	NE of Ash Pond	410,334	1,426,014	0.4	1,713	2020
N21-1	East Pyeatt, A pit reclaim	410,672	1,427,106	0.9	5,035	2021
NN20-1	East No-Name #2	410,711	1,416,540	1.6	17,735	2020
NN20-2	East end I-Pit Overburden Pile	411,282	1,417,835	2.2	38,594	2020
SP5-94	SW of Sage Pond	412,600	1,430,555	0.6	6,318	1994
SP6-94	SE of Sage Pond	412,700	1,431,200	0.7	12,204	1994
SY1	Shop yard pullout expansion	413,660	1,419,250	0.2	900	1990
WC1	Wye coal pile site	412,600	1,417,500	3.7	74,950	1978
WB23-1	West Buzzard #4 Pond Topsoil Pile	412,927	1,407,090	0.2	4,033	2023
EB23-1	East Buzzard #3 Pond Topsoil Pile	413,097	1,408,966	0.4	2,743	2023
Total				186.1	3,690,889	

\* In accordance with MR-155, all of piles A86-6 (depleted in 2004), A92-4 and A92-5 were abandoned and A91-8 and A92-1 were partially abandoned.

In accordance with TR-94, topsoil piles NN1, E89-11, JG-1, JG-2, JG-3, JG-4, WP-2, WP-3, EP-2, EP-3, EP-4, GP-1, A95-2, FWF97-1, A99-3 and EFL were abandoned.

(1) As of December 31, 2023

## **SECTION 6.0**

### **LIVESTOCK PONDS**



**C-1981-010**

## **SECTION 6.0      Stock Tank and Dozer Basin Construction Through 2023**

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### **6.1 Stock Tanks**

This section updates the location of all constructed stock tanks through 2023 (Map 1). The average tank density for Trapper mined-land areas will not exceed one tank per ten acres. Existing stock tanks meet applicable certification standards.

In 2023 Trapper did not construct any new stock tanks.

### **6.2 Dozer Basins**

As a result of the approval of technical revision TR-73 (January 1997), dozer basin locations will be provided in this Appendix W document on an annual basis (Map 1).

Dozer basins assist sediment impoundments in the containment of sediment, reducing the frequency of sediment impoundment cleaning. Dozer basins are typically constructed along haulroads, regraded spoils, and/or on short or long term disturbed sites.

**Table 6-1 Existing Stock Tank Density by Drainage Area (1) through 2023**

Drainage Area	Tanks Constructed	Approximate Drainage Area (ac)	Approximate Drainage Acres Per Tank
Johnson	4	165	41
No Name	6	246	41
West Pyeatt	3	279	93
East Pyeatt	5	1,270	254
Oak	3	314	105
Middle Flume	<u>1</u>	<u>18</u>	<u>18</u>
	24	2,292	87

(1) Based on average drainage area above first sediment control structure in any given drainage at Trapper Mine.



## **SECTION 7.0**

### **MISCELLANEOUS**



**C-1981-010**

## **SECTION 7.0      Miscellaneous**

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### **7.1      Vegetation Monitoring on Trapper Reclaimed Lands**

Routine interim vegetation monitoring occurred on 185.9 acres of reclaimed Trapper rangelands in A, K, L and Z Pit, which had been initially topsoiled and seeded between 2015 to 2020, during the 2023 field season. A total of 55 fifty-meter transects were monitored. Vegetation parameters sampled during 2023 included ground cover, species composition and woody stem density.

Vegetation monitoring also occurred for Phase II Bond release (SL-24) on 298.3 acres of reclaimed Trapper rangelands in F, L and Z Pit, which had been initially topsoiled and seeded between 2017 to 2019, during the 2023 field season. A total of 85 fifty-meter transects were monitored.

Vegetation monitoring planned for 2024 will include baseline sampling of new reclaimed areas, interim sampling of selected older reclaimed areas, and possible sampling of the first of two years of Phase III bond release sampling.

### **7.2      Grazing of Reclaimed Lands**

No cattle grazing occurred on Trapper non-final bond-released reclaimed lands during 2023, nor is any planned for 2024.

### **7.3      2022 Revegetation Seed Mixes**

Section 3.6.3.5 of Trapper's Mining and Reclamation permit requires the Division be notified of the seed mixtures proposed to be used each year. Tables 7-1 through 7-4 give the 2024 proposed mixtures.

Required seed packing slips are attached behind Table 7-4 for shipments received in 2023.

### **7.4      Trapper Mine Facilities**

In 2023, existing Trapper Mine facilities were not significantly changed during the reporting year.

### **7.5      Weed Control Measures**

Weed control was performed on all areas of the mine-site. Herbicide was applied aerially as needed and selectively by ground crews. Efforts were primarily focused on newer reclaimed parcels and/or areas of historical concentrations. Areas surrounding facilities were treated by non-selective herbicides to obtain bare ground as needed. Reclaimed parcels were treated with recommended selective broadleaf herbicides for select noxious weeds. Noxious weeds are controlled in accordance with state and county lists and recommendations. Primary species of concern included Hoary cress (*Cardaria draba*), Dalmatian toadflax (*Linaria dalmatica*), Houndstongue (*Cynoglossum officinale*), Scotch thistle (*Onopordum acanthium*), Musk thistle (*Carduus nutans*), Canada thistle (*Cirsium arvense*) and Russian Knapweed (*Acroptilon repens*). Other possible species have included Black henbane (*Hyoscyamus niger*), Russian Olive (*Elaeagnus angustifolia*) and Tamarisk (*Tamarix spp.*).

**Table 7-1. Seed mix for seeding Range Site AB in 2024, Trapper Mine.**

SPECIES (1)	Pure Live Seed Per Square Foot	Pounds PLS Per Acre	Origin(1)
<u>Grasses:</u>			
Thickspike wheatgrass	0.5	0.14	N
Streambank wheatgrass	0.5	0.13	N
Western wheatgrass	0.5	0.19	N
Slender wheatgrass	0.5	0.14	N
Beardless bluebunch wheatgrass	2.0	0.62	N
Mountain brome	1.0	0.72	N
Great Basin wildrye	2.0	0.92	N
Kentucky bluegrass	3.0	0.06	*
Green needlegrass	1.0	0.24	N
Sheep Fescue	2.0	0.15	N
Redtop	2.0	0.02	I
Indian Ricegrass	1.0	0.23	N
Total grasses	16.0	3.56	--
<u>Forbs:</u>			
Munro Globemallow	1.0	0.08	N
Lewis Flax	2.0	0.30	N
Western yarrow	4.0	0.07	N
Cicer milkvetch	1.0	0.30	I
Arrowleaf balsamroot	0.5	0.40	N
Pacific aster	2.0	0.02	N
Rocky Mt. penstemon	2.0	0.14	N
Small burnet	0.5	0.40	I
Alfalfa	0.5	0.10	I
Showy Goldeneye	2.0	0.08	N
Total forbs	15.5	1.89	--
<u>Shrubs:</u>			
Rubber rabbitbrush	2.0	0.26	N
Silver sagebrush	2.0	0.10	N
Big sagebrush	3.0	0.07	N
Antelope bitterbrush	2.0	4.40	N
Mountain snowberry	1.0	0.58	N
Woods rose	1.0	0.96	N
Fourwing saltbrush	1.0	0.62	N
Chokecherry	0.3	3.00	N
Saskatoon serviceberry	0.3	0.29	N
Total shrubs	12.6	10.28	--
Total mixture	44.1	15.73	

(1) N - native, I - introduced, \* - Naturalized.

**Table 7-2. Seed mix for seeding Range Site C in 2024, Trapper Mine.**

SPECIES	Pure Live Seed Per Square Foot	Pounds PLS Per Acre	Origin (1)
<u>Grasses:</u>			
Beardless bluebunch wheatgrass	1.0	0.31	N
Slender Wheatgrass	2.0	0.66	N
Thickspike wheatgrass	2.0	0.56	N
Streambank wheatgrass	2.0	0.51	I
Western wheatgrass	2.0	0.77	N
Great Basin wildrye	2.0	0.92	N
Sheep fescue	2.0	0.15	N
Kentucky bluegrass	4.0	0.08	*
Indian ricegrass	1.0	0.23	N
Mountain brome	2.0	1.43	N
Green needlegrass	2.0	0.48	N
Redtop	3.0	0.03	I
Total grasses	25.0	6.13	--
<u>Forbs:</u>			
Cicer Milkvetch	1.0	0.30	I
Western yarrow	4.0	0.04	N
Arrowleaf balsamroot	1.0	0.79	N
Lewis flax	4.0	0.61	N
Rocky Mt. penstemon	1.0	0.08	?
Small burnet	0.5	0.40	I
Pacific aster	2.0	0.03	N
Munro globemallow	0.5	0.04	N
Showy goldeneye	2.0	0.08	N
Total forbs	16.0	2.37	--
Total mixture	41.0	8.50	

(1) N - native, I - introduced, \* - Naturalized, ? - Unknown, but genus occurs on the mine site.

**Table 7-3. Seed mix for seeding temporary disturbance areas in 2024, Trapper Mine.**

SPECIES	Pure Live Seed Per Square Foot	Pounds PLS Per Acre	Origin (1)
<u>Grasses:</u>			
Thickspike wheatgrass	3.0	0.84	N
Slender wheatgrass	4.0	1.10	N
Western wheatgrass	2.0	0.51	N
Great Basin wildrye	1.0	0.46	N
Kentucky bluegrass	6.0	0.12	*
Redtop	4.0	0.04	I
Total grasses	20.0	3.07	--
<u>Forbs:</u>			
Western yarrow	2.0	0.02	N
Alfalfa	2.0	0.42	I
Cicer milkvetch	2.0	0.64	I
Total forbs	6.0	1.08	--
Total mixture	26.0	4.15	

(1) N - native, I - introduced, \* - Naturalized.

**Table 7-4. Seed mix for aerial inter-seeding in 2024, Trapper Mine.**

SPECIES (1)	Pure Live Seed Per Square Foot	Pounds PLS Per Acre	Origin(1)
<u>Forbs:</u>			
Lewis Flax	2.0	0.30	N
Western yarrow	5.7	0.10	N
Rocky Mt. penstemon	2.9	0.20	N
Total forbs	10.6	0.60	--
<u>Shrubs:</u>			
Rubber rabbitbrush	1.5	0.20	N
Silver sagebrush	4.0	0.20	N
Big sagebrush	8.6	0.20	N
Total shrubs	14.1	0.60	--
Total mixture	24.7	1.20	

(1) N - native



INTERMOUNTAIN SEED, INC.

P.O. Box 2, Ephraim, UT 84627

Phone: (435) 283-6639, Fax: (435) 283-4155

E-mail: sales@siseed.com

# INVOICE

Invoice No.	8385
Date	9/20/2023
Ship Date	9/26/2023
FOB	
Terms	2% 10 Net 30
Due Date	10/20/2023

Customer Order No.		Ordered By	Account No.	Sales Rep	Ship Via	Customer Phone No.
P20191		Billy Nicholson		Jason	Old Dominion	
Quantity	Bulk/PLS	Lot Number	Description (Species, Variety, Etc.)	Unit Price	Amount	
4	PLS	QQ039623-86	Rocky Mtn Penstemon - Bandera (4.69 Bulk)		0.00	
5.5	PLS	SIS5660-2	Showy Goldeneye (5.98 Bulk)		0.00	
		Shipping	Shipping	754.28	754.28	PM 10/3/23

ENTERED OCT 04 2023

Please pay from this Invoice. No statement will be sent.

Received By:

Date:

Subtotal	\$27,381.17
Sales Tax (6.75%)	\$0.00
Balance Due	\$27,381.17

**THANK YOU. We appreciate your business!**

Notice to Buyer: Stevenson Intermountain Seed guarantees its seed sold is as described on the label, within recognized tolerances, but express or imply no further guarantee. Our liability is limited in the amount to the purchase price. Any claims against seed purchases must be made in writing within 10 days after the receipt of shipment. Interest is charged at 1.5% per month (18% A.P.R.) on all accounts past due.





# INTERMOUNTAIN SEED, INC.

P.O. Box 2, Ephraim, UT 84627  
 Phone: (435) 283-6639, Fax: (435) 283-4155  
 E-mail: sales@siseed.com

# INVOICE

Invoice No.	8385
Date	9/20/2023
Ship Date	9/26/2023
FOB	
Terms	2% 10 Net 30
Due Date	10/20/2023

<b>Bill To</b>	<b>Ship To</b>
Trapper Mining, Inc. P.O. Box 187 Craig, CO 81625	Trapper Mining, Inc. 25910 South Highway 13 Craig, CO 81625

**RECEIVED**  
 OCT 02 2023

<b>Customer Order No.</b>	<b>Ordered By</b>	<b>Account No.</b>	<b>Sales Rep</b>	<b>Ship Via</b>	<b>Customer Phone No.</b>
P20191	Billy Nicholson		Jason	Old Dominion	

Quantity	Bulk/PLS	Lot Number	Description (Species, Variety, Etc.)	Unit Price	Amount
		Seed Mix	Trapper Mine Fall Mixes 2023	26,626.89	26,626.89
		M-4865	Range Site A/B - Grass Box 60 acres		0.00
8.4	PLS	0-KH585-65A	Thickspike Wheatgrass - Critana (8.71 Bulk)		0.00
7.8	PLS	BTS-922	Streambank Wheatgrass - Sodar (8.43 Bulk)		0.00
11.4	PLS	NBS-RR22-ARR-1	Western Wheatgrass - Arriba (13.52 Bulk)		0.00
37.2	PLS	2173-1	Bluebunch Wheatgrass - Whitmar (40.64 Bulk)		0.00
8.4	PLS	SF7-D1	Slender Wheatgrass - San Luis (8.92 Bulk)		0.00
43.2	PLS	1-MO234-80A	Mountain Brome (45.79 Bulk)		0.00
55.2	PLS	22-0-12	Basin Wildrye - Magnar (65.88 Bulk)		0.00
3.6	PLS	2-JR111-90B	Big bluegrass - Sherman (4.55 Bulk)		0.00
24	PLS	BASA220	Arrowleaf Balsamroot - Native (30.08 Bulk)		0.00
24	PLS	7W1805-58R	Small Burnet - Delar (24.57 Bulk)		0.00
4.8	PLS	SIS5756	Munro Globema low - CID (5.08 Bulk)		0.00
17.4	PLS	SIS5468	Saskatoon Serviceberry (21.54 Bulk)		0.00
264	PLS	SIS5275	Antelope Bitterbrush (281.27 Bulk)		0.00
180	PLS	SIS5445	Black Chokecherry (217.45 Bulk) (In seperate bags on same pallet)		0.00
		M-4866	Range Site A/B - Alfalfa Box 60 acres		0.00
1.2	PLS	INV127254	Red Top (1.3 Bulk)		0.00
9	PLS	355-042-00A	Sheep Fescue - Covar (9.37 Bulk)		0.00
3.6	PLS	2.415850	Kentucky Bluegrass - Ginger (3.9 Bulk)		0.00
14.4	PLS	442-535-70B	Green Needlegrass - Lodorm (15.98 Bulk)		0.00
13.8	PLS	442-542-217A	Indian Ricegrass - Utah (15.73 Bulk)		0.00
4.2	PLS	NBS-BP20-EAG-1	Western Yarrow - Eagle (5.17 Bulk)		0.00
18	PLS	W42-488-5096C	Cicer Milkvetch - Monarch (19.91 Bulk)		0.00
18	PLS	2021.0474	Lewis Flax - Maple Grove (23.4 Bulk)		0.00
6	PLS	442-7-200028	Alfalfa - Ladak (6.19 Bulk)		0.00
8.4	PLS	QQ039623-86	Rocky Mtn Penstemon - Bandera (9.85 Bulk)		0.00

Please pay from this invoice. No statement will be sent.

Received By:

Date:

Subtotal

Sales Tax (6.75%)

Balance Due

**THANK YOU. We appreciate your business!**

Notice to Buyer: Stevenson Intermountain Seed guarantees its seed sold is as described on the label, within recognized tolerances, but express or imply no further guarantee. Our liability is limited in the amount to the purchase price. Any claims against seed purchases must be made in writing within 10 days after the receipt of shipment. Interest is charged at 1.5% per month (18% A.P.R.) on all accounts past due.





# INTERMOUNTAIN SEED, INC.

P.O. Box 2, Ephraim, UT 84627  
 Phone: (435) 283-6639, Fax: (435) 283-4155  
 E-mail: sales@siseed.com

# INVOICE

<b>Invoice No.</b>	<b>8385</b>
<b>Date</b>	9/20/2023
<b>Ship Date</b>	9/26/2023
<b>FOB</b>	
<b>Terms</b>	2% 10 Net 30
<b>Due Date</b>	10/20/2023

<b>Bill To</b>
Trapper Mining, Inc. P.O. Box 187 Craig, CO 81625

<b>Ship To</b>
Trapper Mining, Inc. 25910 South Highway 13 Craig, CO 81625

<b>Customer Order No.</b>	<b>Ordered By</b>	<b>Account No.</b>	<b>Sales Rep</b>	<b>Ship Via</b>	<b>Customer Phone No.</b>
P20191	Billy Nicholson		Jason	Old Dominion	

Quantity	Bulk/PLS	Lot Number	Description (Species, Variety, Etc.)	Unit Price	Amount
6	PLS	SIS5660-2	Showy Goldeneye (6.52 Bulk)		0.00
6	PLS	702	Silver Sagebrush (45.54 Bulk)		0.00
4.2	PLS	SIS5690-2	Mountain Big Sagebrush (11.04 Bulk)		0.00
37.2	PLS	SIS5614	Fourwing Saltbush (82.4 Bulk)		0.00
15.6	PLS	SIS5718	Whitestem Rubber Rabbitbrush (38.58 Bulk)		0.00
57.6	PLS	SIS5162	Woods Rose (75.08 Bulk)		0.00
34.8	PLS	SIS5642	Mountain Snowberry (43.39 Bulk)		0.00
		M-4867	Range Site C - Grass Box 50 acres		0.00
28	PLS	0-KH585-65A	Thickspike Wheatgrass - Critana (29.03 Bulk)		0.00
25.5	PLS	BTS-922	Streambank Wheatgrass - Sodar (27.56 Bulk)		0.00
38.5	PLS	NBS-RR22-ARR-1	Western Wheatgrass - Arriba (45.65 Bulk)		0.00
15.5	PLS	2173-1	Bluebunch Wheatgrass - Whitmar (16.93 Bulk)		0.00
33	PLS	SF7-D1	Slender Wheatgrass - San Luis (35.04 Bulk)		0.00
71.5	PLS	1-MO234-80A	Mountain Brome (75.79 Bulk)		0.00
46	PLS	22-0-12	Basin Wildrye - Magnar (54.9 Bulk)		0.00
4	PLS	2-JR111-90B	Big bluegrass - Sherman (5.06 Bulk)		0.00
39.5	PLS	BASA220	Arrowleaf Balsamroot - Native (49.51 Bulk)		0.00
20	PLS	7W1805-58R	Small Burnet - Delar (20.47 Bulk)		0.00
2	PLS	SIS5756	Munro Globemallow - CID (2.12 Bulk)		0.00
		M-4868	Range Site C - Alfalfa Box 50 acres		0.00
11.5	PLS	INV127254	Red Top (1.63 Bulk)		0.00
7.5	PLS	355-042-00A	Sheep Fescue - Covar (7.81 Bulk)		0.00
4	PLS	2.415850	Kentucky Bluegrass - Ginger (4.33 Bulk)		0.00
24	PLS	442-535-70B	Green Needlegrass - Lodorm (26.64 Bulk)		0.00
11.5	PLS	442-542-217A	Indian Ricegrass - Utah (13.11 Bulk)		0.00
2	PLS	NBS-BP20-EAG-1	Western Yarrow - Eagle (2.46 Bulk)		0.00
15	PLS	W42-488-5096C	Cicer Milkvetch - Monarch (16.59 Bulk)		0.00
30.5	PLS	2021.0474	Lewis Flax - Maple Grove (39.65 Bulk)		0.00

Please pay from this invoice. No statement will be sent.		<b>Subtotal</b>
		<b>Sales Tax (6.75%)</b>
		<b>Balance Due</b>
<b>Received By:</b>	<b>Date:</b>	
<b>THANK YOU. We appreciate your business!</b>		

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