

June 22, 2023



Mr. David J. Ennis  
New Mexico Mining and Minerals Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Regarding: Request to release 7.01 acres of reclaimed land  
Brie 1 Mine (NMM&MD Permit # MK039MN) permit area

Dear Mr. Ennis:

Miocene would like to request the release of 7.01 acres of reclaimed land within the Brie 1 Mine (NMM&MD Permit # MK039MN) permit area. The site topsoil was emplaced using a grader which creates shallow furrows to a depth of 4" - 6" along approximated elevation contours to mitigate erosion potentially caused by rainfall induced water flow.

The grading creates a relatively level surface but does not compact the topsoil, instead, the topsoil is loose and well aerated encouraging seed germination and plant growth. The attached *Figure 1 – Section 12 Reclamation Area as of June 2023* depicts the 7.01 acre reclaimed area and lists four GPS corner locations of the rectangular-shaped reclamation area to allow for geolocation during a field inspection.

The entire, blue-shaded rectangular area is 8.51 acres, but the two yellow-hatched areas must be subtracted as one yellow-hatched area consists of 1.17 acres of unmined, undisturbed area, and the second yellow-hatched area consists of 0.33 acres of mine road which allows access to Section 1. Subtracting the 1.17 acres of undisturbed land and the 0.33 acres of access road from the total 8.51 acres of the blue-shaded area results in the calculated 7.01 acre of reclaimed area.

Following completion of the grading, the seed was broadcast using a mechanized seed broadcaster on the back of a tractor which is trailing a spring tooth harrow. The seed mixture is listed in Table 1 below and the application rate of the listed seed mixture is 29 lbs. / acre.

**Table 1 – Seed Mixture Applied to Section 12 - 7.01 Acre Reclamation Site**

#	Common Name	Percentage of Mix	Lbs. / Acre
1	Blue Grama	17.12 %	5.0
2	Galleta Viva	8.44 %	2.4
3	Indian Ricegrass, Paloma	7.50 %	2.2
4	Western Wheatgrass, Arriba	16.50 %	4.8
5	Mountain Bromegrass, Bromar	21.71 %	6.3
6	Blue Flax, Apprar	3.60 %	1.0
7	Three-Leaf Sumac (Substitute for Mexican Cliffrose)	3.91 %	1.1
8	Mexican Hat	3.68 %	1.1
9	Four-Wing Saltbush	17.53 %	5.1
	<b>TOTALS</b>	<b>99.99 %</b>	<b>29.0</b>

If you have any comments, questions, or if you need additional information, please contact me at your earliest convenience.

Thank you, David.



Darin Klewsaat, Mining Manager  
 Miocene, LLC

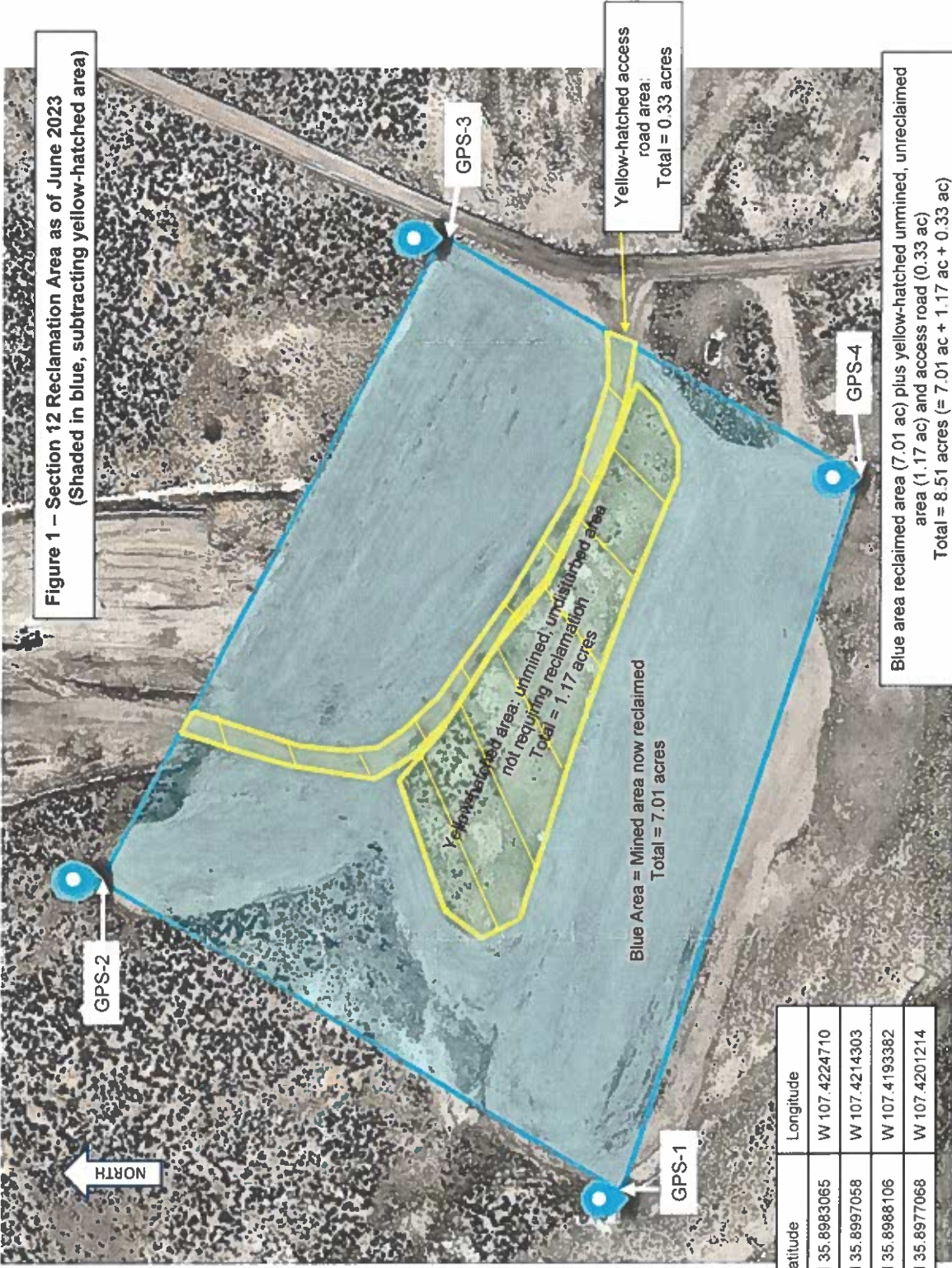


Figure 1 – Section 12 Reclamation Area as of June 2023  
(Shaded in blue, subtracting yellow-hatched area)

Location	Latitude	Longitude
GPS-1	N 35.8983065	W 107.4224710
GPS-2	N 35.8997058	W 107.4214303
GPS-3	N 35.8988106	W 107.4193382
GPS-4	N 35.8977068	W 107.4201214