

Notes: The permit area was expanded by 4.34 acres to 51.16 acres total in June 2017. This map and text is based on that amount of permit area. Please refer to the 2018 annual report map for the location of areas discussed below.

7. No new are was stripped this year. The total area disturbed areas covers 16.3 ac ±. The following list outlines the various areas of disturbance at the mine.

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DESCRIPTION	ACRES
Topsoil piles	8,500+ cubic yards (1.3 ac.) (brown)
Stripped area	5.7 ac. (orange)
Plant Site	6.20 ac. (yellow) (backfilled)
Lake area	3.1 (blue) reclaimed area
Pre-law	1.08 ac (///)

8. Mining resumed on area east and south of the existing lake this area in areas previously disturbed (orange.) The plant site area remains unchanged at this time.
12. The backfilling noted was done in the Plant Site area to level it with the surrounding area so it would be level for processing and stockpiling. (yellow)
16. Exposed water is covered by an augmentation plan approved by the State Water Court as amended in September 2012, Case #2009CW151. We are working with the augmentation plan administrators to cover the additional water area that will be exposed during this mining cycle as allowed in the approved Augmentation Plan. Water area shown on map is within the amount of lake area allowed in the plan. The level changes when groundwater levels change.
18. Current Bond Amount \$31,850.00. The bond was recalculated in January 2017 and is based having no more then 16 acres of above water disturbed areas. We currently have 13.2 acres disturbed above water.