

# RECLAMATION COST ESTIMATE EXHIBIT L

The worst-case reclamation scenario will occur when all of Phase 1A and 1B are to be backfilled. It is the largest backfilling action in the life of the mine. When mining occurs along the north side of the pit, the backfilling of Phase 1A will already have occurred or will be in progress. Thus, the backfilling of Phase 1A and 1B will be the scenario at which material movement needs are greatest, thus leading to the largest bond.

The mining slopes along the south and east side of the pit will be mined to final reclaimed slopes and will not require backfilling. The east and south slopes will see their topsoil directly placed as it is stripped from other areas in advance of mining. Since topsoil will already be in place on these slopes, such reclamation activity is not included in the worst-case scenario.

Topsoil placement will be needed along all areas requiring backfill (29 acres). It is assumed that seeding will be needed across all of the disturbance area at the time (50 acres).

The components of the worst-case reclamation scenario are as follows:

1. Backfill and grade Phase 1A to the final contour
  - a. 236,192 CY of backfill placed via loader, haul truck, and dozer from stockpile in Phase 1C.
  - b. Rip all 5 acres to a depth of 12 inches
2. Backfill and grade Phase 1B to final contour
  - a. 138,904 CY of backfill placed via loader, haul truck, and dozer from stockpile in Phase 1C.
  - b. Rip all 3.8 acres to a depth of 12 inches.
3. Place topsoil across all disturbed areas to be revegetated
  - a. 29 acres at 12 inches deep = 40,333 CY
4. Remove scale and office trailer.
5. Seed all retopsoiled areas
  - a. Mining areas = 45.2 acres
  - b. Berms = 4.3 acres
  - c. Office and scale area = 0.5 acres
6. Mulch all seeded areas.

Based on the operator's previous reclamation efforts in the area of this site, Table L-1 – Reclamation Cost Estimate has a cost estimate for the cost of reclaiming the worst-case scenario.

**Table L-1 – Reclamation Cost Estimate**

<b>Activity Description</b>	<b>Time (Months)</b>	<b>Quantity</b>		<b>Unit Cost (\$)</b>	<b>Cost (\$)</b>
<b>Backfill and grade Phase 1A</b>	1	236,192	CY	\$ 1.50	\$354,288
<b>Backfill and grade Phase 1B</b>	1	138,904	CY	\$ 1.50	\$208,356
<b>Remove scale and office trailer</b>	0.1	1		\$ 1,000.00	\$ 1,000.00
<b>Topsoil all disturbed areas to be revegetated.</b>	0.5	46,789	CY	\$ 1.50	\$70,184
<b>Drill seed all topsoiled areas (hay mix)</b>	0.5	40	acres	\$ 500.00	\$20,000
<b>Drill seed all topsoiled areas (dryland mix)</b>	0.5	10	acres	\$ 500.00	\$ 5,000
<b>Mulch all seeded areas</b>	0.5	50	acres	\$ 910.00	\$45,500
<b>Totals</b>	<b>2.5</b>				<b>\$704,328</b>
<b>DRMS Costs (28% x direct costs)</b>					\$197,212
<b>Total Bond Amount</b>					<b>\$901,540</b>