

**CONSTRUCTION NOTES:**

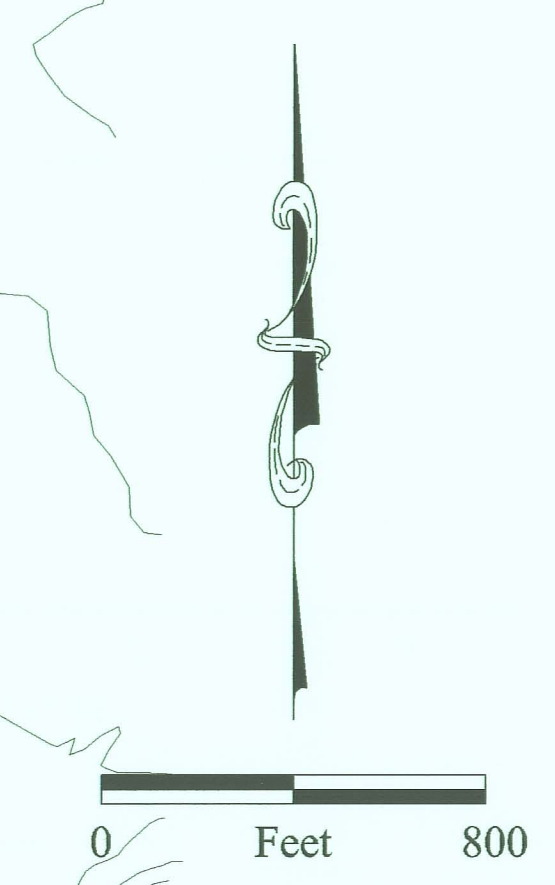
- 1) Location of Interior Drainage Channel and Diversion Embankment/Channel alignment and grade based on 2006 Aerial Survey provided by Rio Algom Mining LLC.
- 2) Adjustments to the Interior Drainage Channel and Diversion Embankment/Channel alignment and grade will be necessary to fit actual topography.
- 3) All fill areas adjacent to the Interior Drainage Channel and Diversion Embankment/Channel shall be graded to have positive drainage.
- 4) Drainage gradients upstream of Station 8+00 shall be graded to allow unobstructed sheet flow directly into the channel.
- 5) Beginning at Station 8+00 on the Interior Drainage Channel, slopes shall be graded to allow unobstructed sheet flow directly into the adjacent channel.
- 6) Disturbances to the area shall be kept to a minimum during construction. Temporary erosion control measures shall be taken where necessary.
- 7) Topsoil that is removed within existing vegetated areas shall be stockpiled for later use where needed as directed by owner. Topsoil removal shall be limited to construction limits. Care shall be taken to prevent damage to vegetated areas outside construction limits.
- 8) All existing drainages along and near the Interior Drainage Channel and Diversion Embankment/Channel shall remain in place and undisturbed.
- 9) The areas of Tailings Ponds 4, 5 & 6 to be protected by 12 inches of clean fill covered by a 3-inch thick layer of erosion protection with a rock diameter of  $D_{50}=0.9"$  conforming to the gradation as presented on Table 4.1 of the report.
- 10) The Northern corner of Tailings Pond 4 to be checked to a depth of 10 feet below final grade by Rio Algom Mining LLC for remaining tailings contamination. If exists, contamination on the Northeast side of the embankment shall be removed and replaced with clean fill.
- 11) The erosion protection on Tailings Pond 3 is revised on this design to  $D_{50}$  of 3.2" for the sideslope and  $D_{50}$  of 9.2" for the apron at the base of the slope.
- 12) The locale of the Arroyo del Puerto that is adjacent and southeast of Tailings Pond 9 is presently being used as a fill material borrow source. The final configuration of the channel within this area is shown much wider than the existing alignment.

If applicable, remove tailings contamination (Note 8)

Tailings Ponds 4, 5 & 6 (Note 7)

Detail 6 Sheet 10

Diversion Embankment/Channel  
Continuation of Channel configuration (Note 12)



- $D_{50} = 1"$  Rock
- $D_{50} = 3.2"$  Rock
- $D_{50} = 7.8"$  Rock
- $D_{50} = 12.0"$  Rock

<p>EROSION PROTECTION MEASURES ARROYO DEL PUERTO EROSION PROTECTION MEASURES AMBROSIA LAKE MILL RIO ALGOM MINING LLC GRANTS, NEW MEXICO</p>		 <p><b>TETRA TECH</b></p>
<p>PROJECT No. 5690067 FILE NAME: Channel Plan Sh 4.DWG</p>	<p>DRAWING BY: EJS 01/21/08 REVIEWED BY: MEB</p>	
<p>SHEET 4</p>		<p>D-01X</p>