The nal pit lake volumes and areas for Twin Creeks is reported here based on a previous analysis Geomega 2007, and were crudely estimated using the former analysis by Geomega from 2007 and the actual evaporation rates from Itasa 2020. For example:

\[
\text{Volume Vista Pit Lake} = \left( \frac{128,558 \text{ af}}{1,532 \text{ af} - \text{evap}} \right) \times |227 \text{ af} - \text{evap}| = 18,972 \text{ AF} \rightarrow 19,000 \text{ af}
\]

\[
\text{Area of Vista Pit Lake} = \left( \frac{393 \text{ ac}}{1,532 \text{ af}} \right) \times 227 \text{ af} = 58 \text{ ac}
\]
REFERENCES

ARC 2019, Volume estimate from pit lake elevation as of August 2019 and pit topology, email correspondence with NDEP, Atlantic Richfield Corporation, October 2019.


