

Appendix E
Pit Lake Photographs Showing Seeps and Transducer Installation
(Compact Disk)



Photo 1.

Main seep west side below Weed Heights post office (ARC office). Bedrock-alluvium contact is at or slightly below current water level (4212 ft).



Photo 2.

Smaller seep on west side north of the large seep. Bedrock-alluvium contact just above white rock outcrop.



Photo 3.

Even smaller seep on north west side of pit located south of the S-32 low-grade sulfide ore stockpile (visible at skyline).



Photo 4.

East side seep from Walker River.



Photo 5.

East side seep from Walker River at pit rim elevation. Seep is located ~40-50 ft below ground surface.



Photo 6.

East seep stream entering Pit Lake (10/5/2007)



Photo 7.

Serecite Fault zone, north pit wall.



Photo 8.

Errosion of north haul road ramp due to wave action in pit lake. East seep stream is visible just to the right of the road.



Photo 1.

Pit Lake water level transducer, installed 9/25/2007. Transducer is positioned inside conduit resting on bottom of endcap.



Photo 2.

Conduit from water to datalogger contains data cable. Data logger is positioned ~180 feet up the ramp and ~25 higher in elevation (4237.0 elev.) than current water level (4212.3 elev.)



Photo 3.

Data logger with solar panel and radio transmitter for cable-less data download.



Photo 4.

Posts installed for visual confirmation of water level. Each post is marked with actual elevation marked in 1 foot increments. Installed and checked by surveyor on 10/11/2007.



Photo 5.

Close-up of survey post closest to water level. Surveyed water level measured on 10/11/07 is 4212.40 ft and the bottom mark on the post is 4213 ft.



Photo 6.

Location of water level pressure transducer.

Yerington Pit – West End

Bedrock/Alluvium Contact

Photo Date: 10/25/2007



NOTES:

- Contact is inferred where it is obscured by vegetation or loose slough/fill material; represented as a dashed line.
- Contact appears to be under water at current Pit Lake level (4212 ft amsl) as of October 2007; the depth of submersion is not known but likely to be less than 25 ft.
- Approximate survey elevations of top of seeps based on triangulation survey conducted by Tri-State Surveying on October 11, 2007. Elevations have an error rate of +/- 10 ft.
- Access to west wall and seeps is by boat only, area is not accessible from the pit roads.