

SOURCE: Base map provided by Wharf Resources (U.S.A), Inc., May 2008.

LEGEND

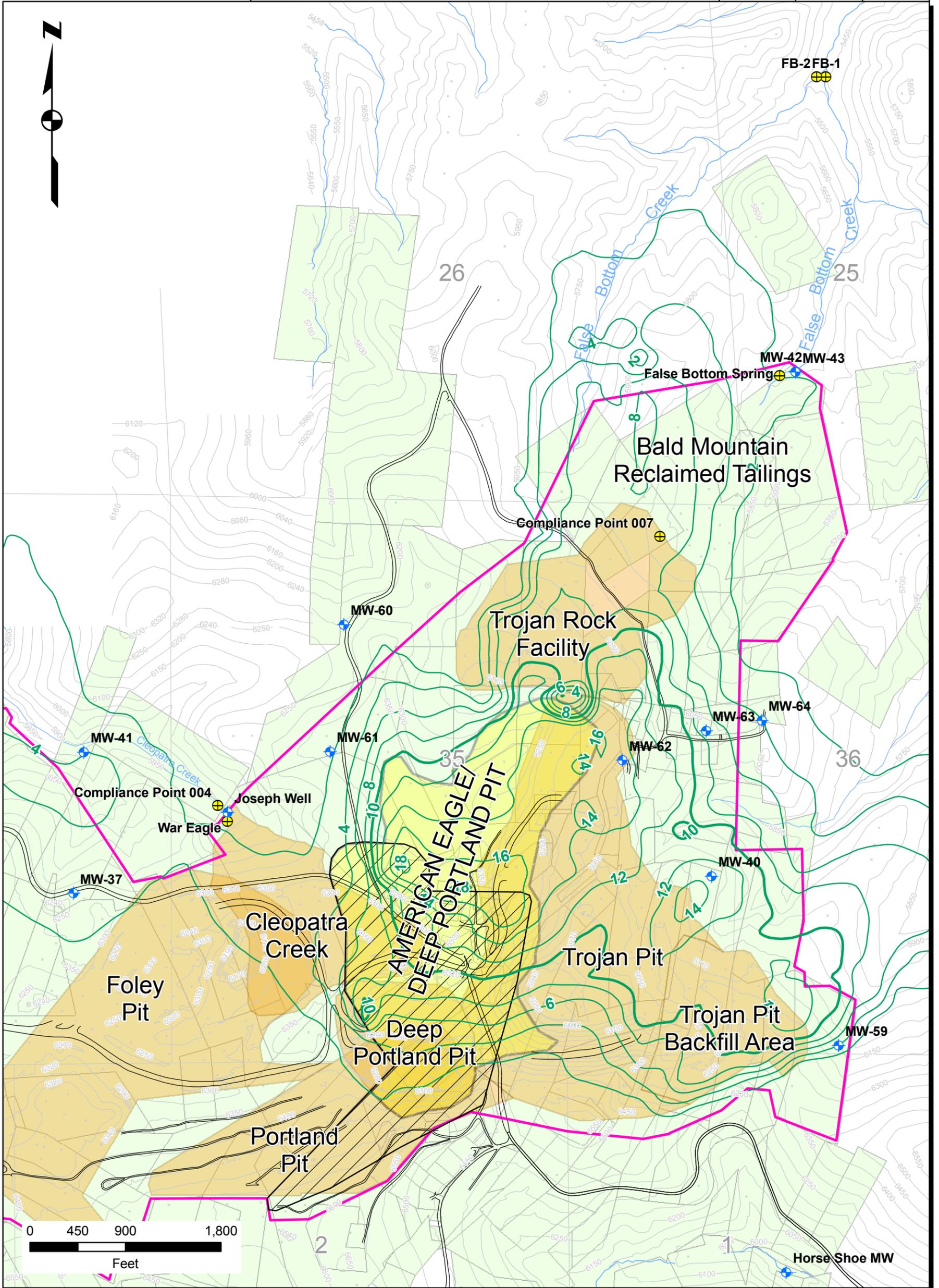
- American Eagle/Deep Portland Pit
- Roads
- Streams
- Juno_Foley_POP
- Mining Permit Boundary

Notes:

- ¹ Includes portions of barren rock previously deposited in Cleopatra Creek Rock Facility and Trojan Pit
- ² Includes portions of barren rock previously deposited in Portland Pit, Deep Portland Pit and Trojan Pit

Figure 1

*Revised Summary of Spent Ore and Barren Rock Disposal
Used in Geochemical Models
American Eagle/Deep Portland Pit
Wharf Mine
Wharf Resources
10928 Wharf Road
Lead, South Dakota*

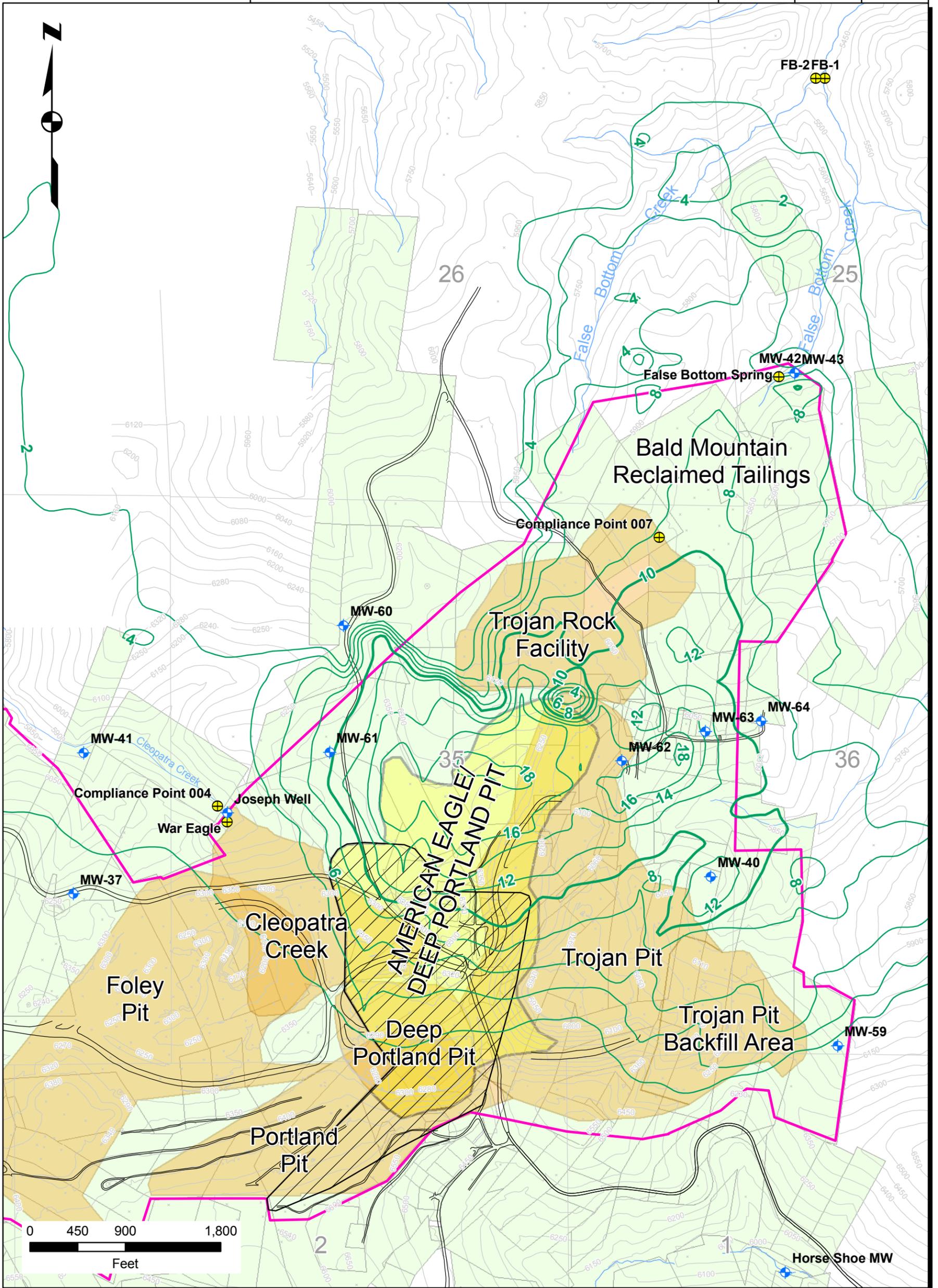


SOURCE: Base map provided by Wharf Resources (U.S.A), Inc., May 2008.

LEGEND

- Nitrate Concentration (mg/L) - Year 2040
- Spent Ore Disposal Area
- American Eagle/Deep Portland Pit
- + Monitoring Well
- + Surface Water Monitoring Station
- Roads
- Streams
- Wharf Land Ownership
- Mining Permit Boundary

Figure 2
 Revised Nitrate Concentration Solution - Year 2020
 Precambrian Bedrock (Layer 5)
 Wharf Mine
 Wharf Resources
 10928 Wharf Road
 Lead, South Dakota

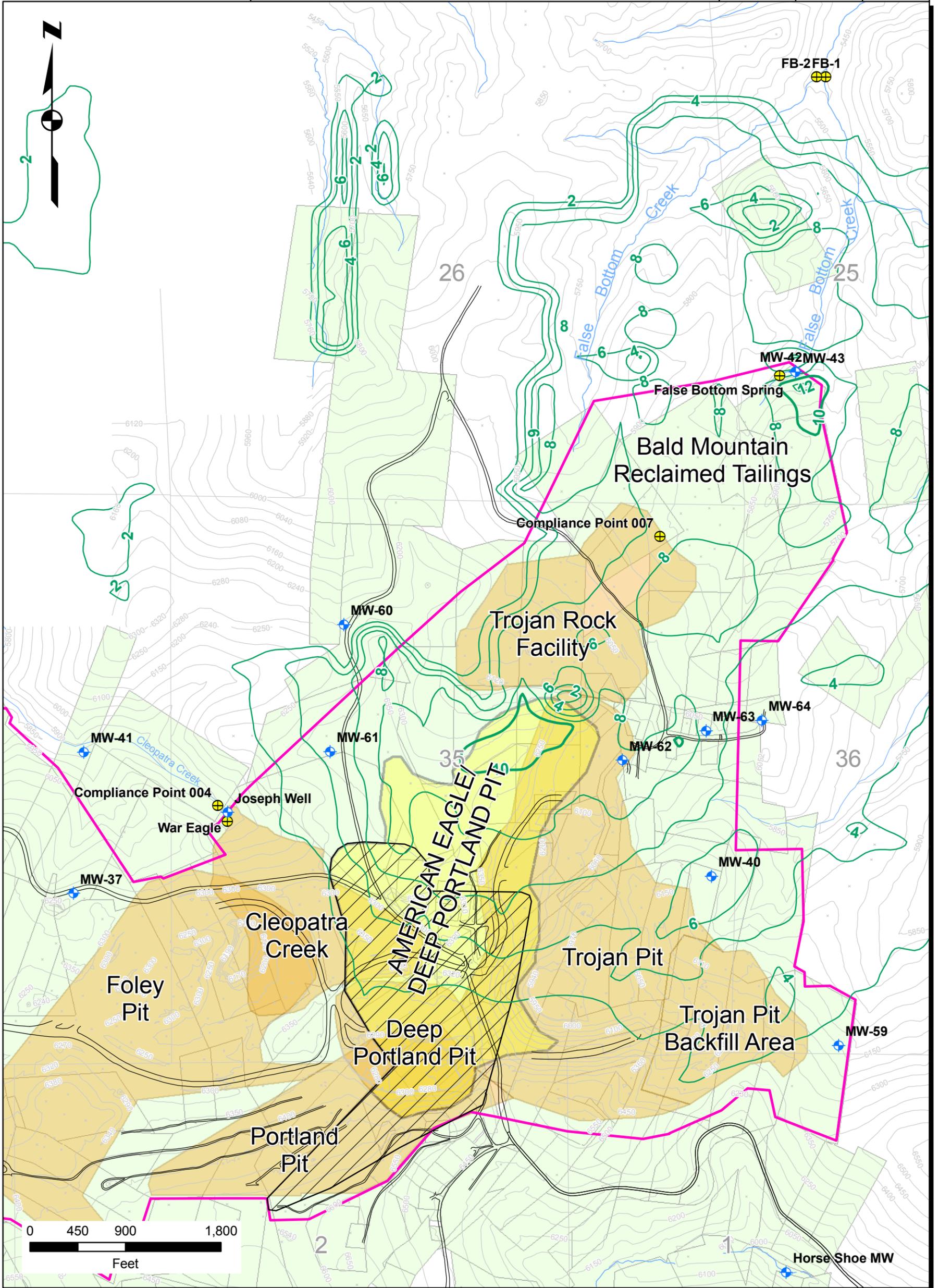


SOURCE: Base map provided by Wharf Resources (U.S.A), Inc., May 2008.

LEGEND

- | | |
|--|------------------------|
| Nitrate Concentration (mg/L) - Year 2040 | Roads |
| Spent Ore Disposal Area | Streams |
| American Eagle/Deep Portland Pit | Wharf Land Ownership |
| Monitoring Well | Mining Permit Boundary |
| Surface Water Monitoring Station | |

Figure 3
 Revised Nitrate Concentration Solution - Year 2040
 Precambrian Bedrock (Layer 5)
 Wharf Mine
 Wharf Resources
 10928 Wharf Road
 Lead, South Dakota



SOURCE: Base map provided by Wharf Resources (U.S.A), Inc., May 2008.

LEGEND

- Nitrate Concentration (mg/L) - Year 2040
- Spent Ore Disposal Area
- + American Eagle/Deep Portland Pit
- + Monitoring Well
- + Surface Water Monitoring Station
- Roads
- Streams
- + Wharf Land Ownership
- + Mining Permit Boundary

Figure 4
 Revised Nitrate Concentration Solution - Year 2060
 Precambrian Bedrock (Layer 5)
 Wharf Mine
 Wharf Resources
 10928 Wharf Road
 Lead, South Dakota