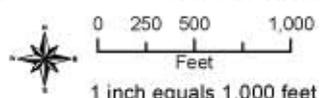


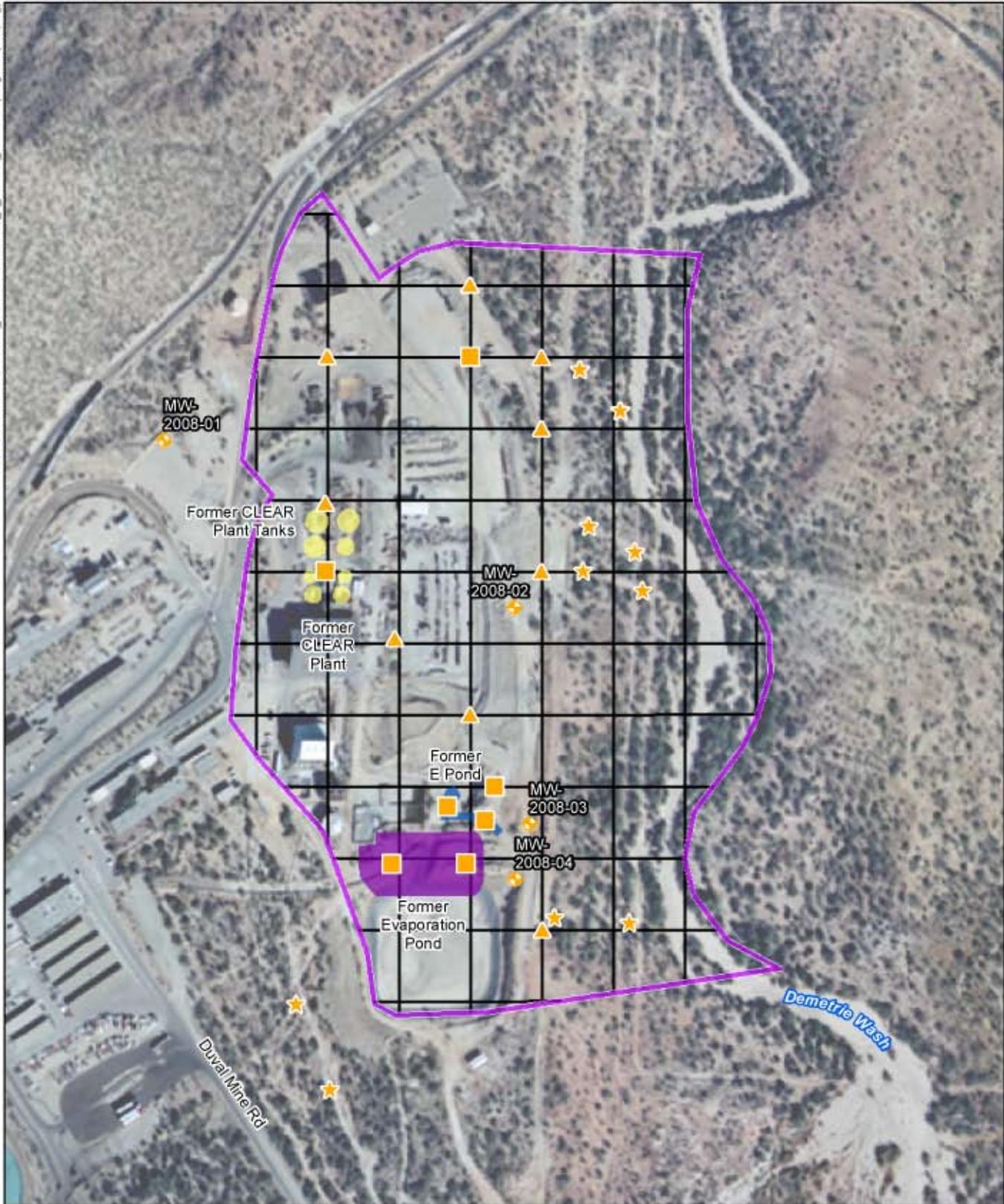
LEGEND

- | | | | | | |
|--|--------------------------------|--|--------------------------|--|-------------------------|
| | Sierrita Property Boundary | | Area of Interest | | Former Evaporation Pond |
| | 404 Mitigation Area | | Former Pond | | Old D Pond |
| | Sampling Grid (200 ft Spacing) | | Former CLEAR Plant Tanks | | Former Thickener |
| | Monitor Wells and Piezometers | | Former E Pond | | C Pond Spoils |

Figure 4-1

Sierrita Mill Area
Freeport-McMoRan
Sierrita Inc.

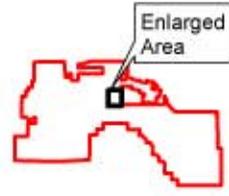




LEGEND

- Sampling Grid (200 ft Spacing)
- Proposed Monitor Well
- Proposed Sediment Sample
- Proposed Judgmental Soil Boring
- Proposed Random Soil Boring

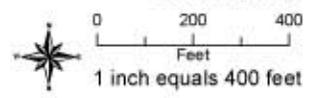
- Sierrita Facilities**
- Area of Interest
 - Former CLEAR Plant Tanks
 - Former Evaporation Pond
 - Former E Pond

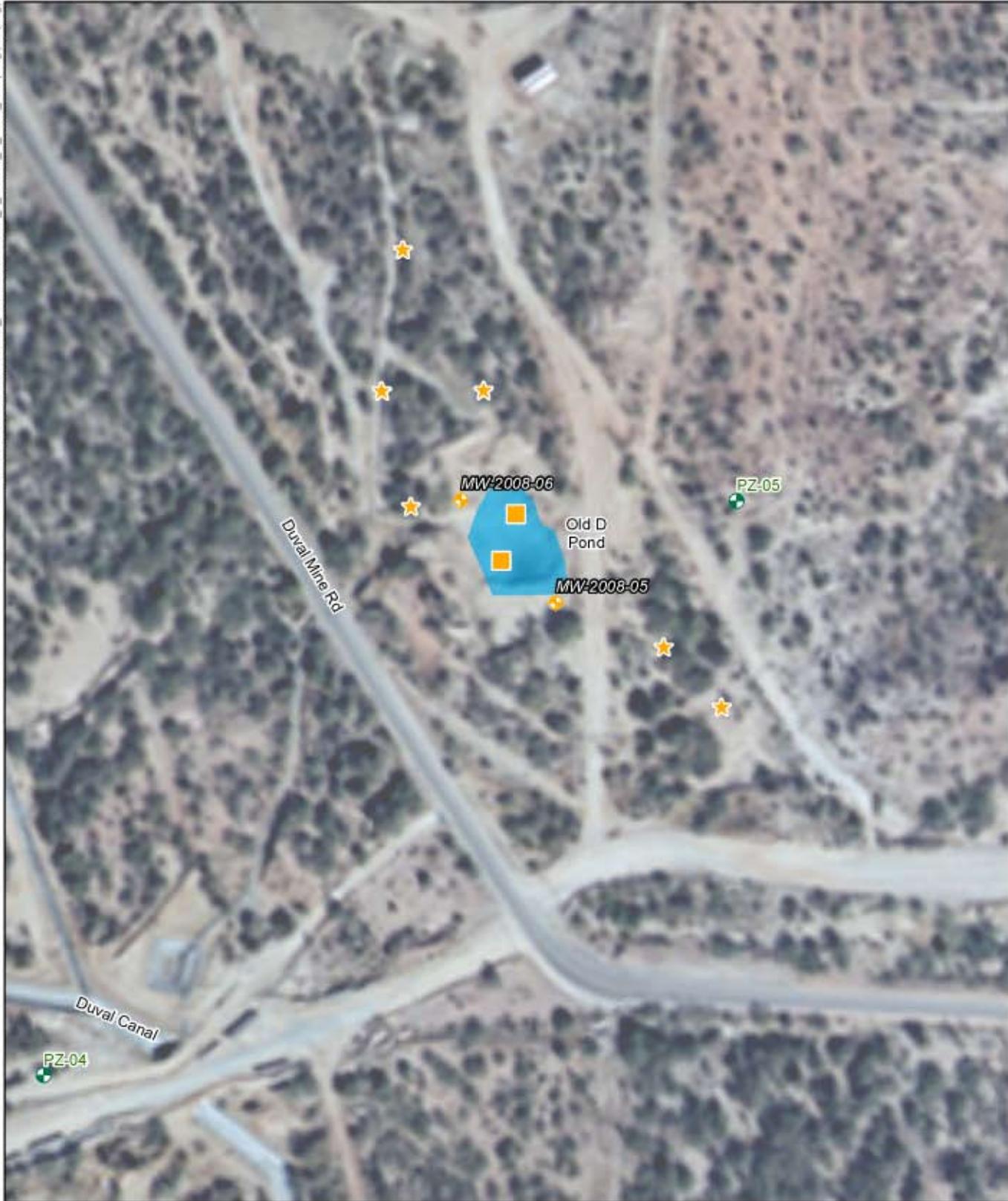


Source:
Imagery -
Cooper Aerial Co. 2006



Figure 4-2
**Former CLEAR Plant
Sampling Grid**
*Freeport-McMoRan
Sierrita Inc.*





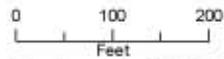
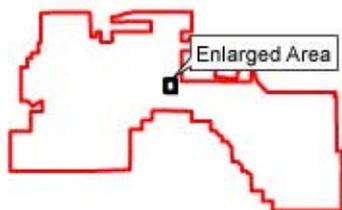
LEGEND

-  Old D Pond
-  Monitor Wells and Piezometers
-  Proposed Monitor Well
-  Proposed Sediment Sample
-  Proposed Judgmental Soil Boring

Figure 4-3

Old D Pond Sampling

**Freeport-McMoRan
Sierrita Inc.**



1 inch equals 200 feet

Figure 4-4
Former Esperanza Mill
Sampling Grid

Freeport-McMoRan Sierrita Inc.

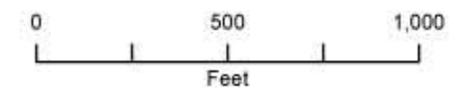
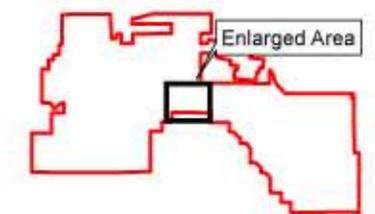
Legend

- Monitor Wells and Piezometers
- Proposed Monitor Well
- Proposed Sediment Sample
- Proposed Random Soil Boring
- Proposed Judgmental Soil Boring
- Area of Interest
- Sampling Grid (200 ft Spacing)
- Former Mill Building
- Former Pond
- Old D Pond
- Former Thickener
- C Pond Spoils
- 404 Mitigation Area

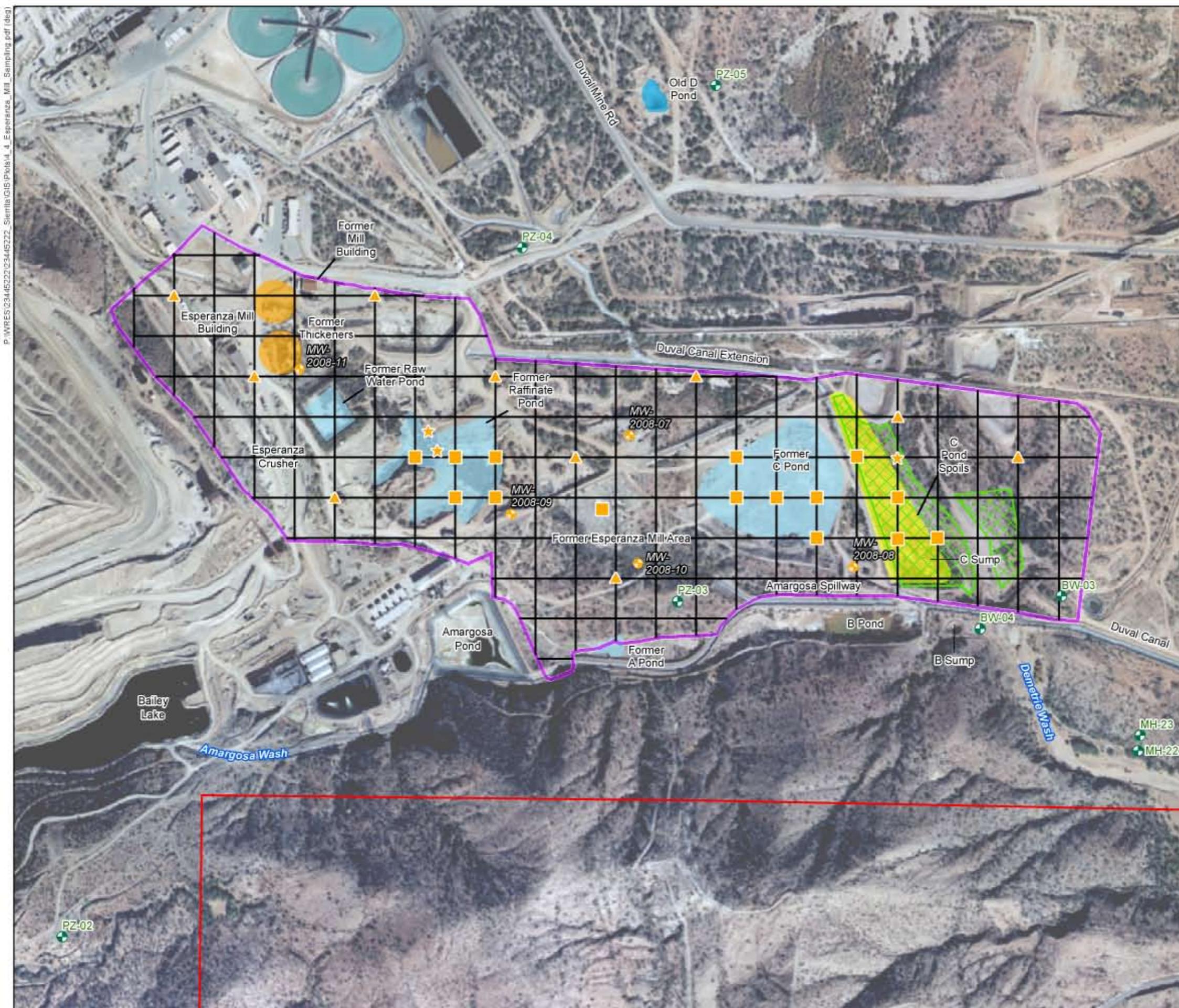
General Features

- Sierrita Property Boundary

Source:
Imagery - Cooper Aerial Co. 2006



1 inch equals 500 feet



P:\WRES\23445222\23445222_Sierra\GIS\Photos\4_Esperanza_Mill_Sampling.pdf (idea)

Figure 4-5
Amargosa Wash
Sediment Sample Locations

Freeport-McMoRan Sierrita Inc.

Legend

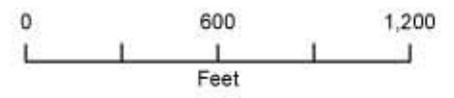
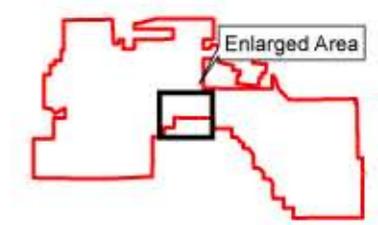
-  Monitor Wells and Piezometers
-  Proposed Process Solution Sample
-  Proposed Temporary Alluvial Well
-  Former A Pond

General Features

-  Sierrita Property Boundary



Source:
Imagery - Cooper Aerial Co. 2006



1 inch equals 600 feet



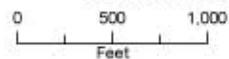
LEGEND

- Sierrita Project Boundary
- Monitor Wells and Piezometers
- ★ Proposed Process Solution Sample
- + Proposed Temporary Alluvial Well

Figure 4-6

**Esperanza Wash
Sampling Locations**

**Freeport-McMoRan
Sierrita Inc.**



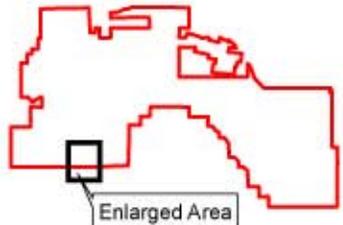
1 inch equals 1,000 feet

Enlarged Area

P:\WPRES\03445222\03445222_Sierra\GIS\Plots\4-7_ UnnamedWash Sample.pdf (dwp)



- LEGEND**
- Sierrita Project Boundary
 - + Monitor Wells and Piezometers
 - + Proposed Temporary Alluvial Well
 - * Proposed Process Solution Sample



URS

Source: Imagery - Cooper Aerial Co. 2006

Figure 4-7

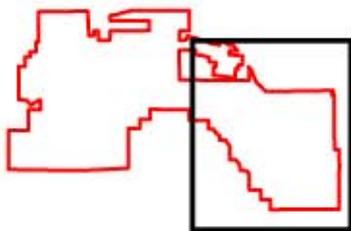
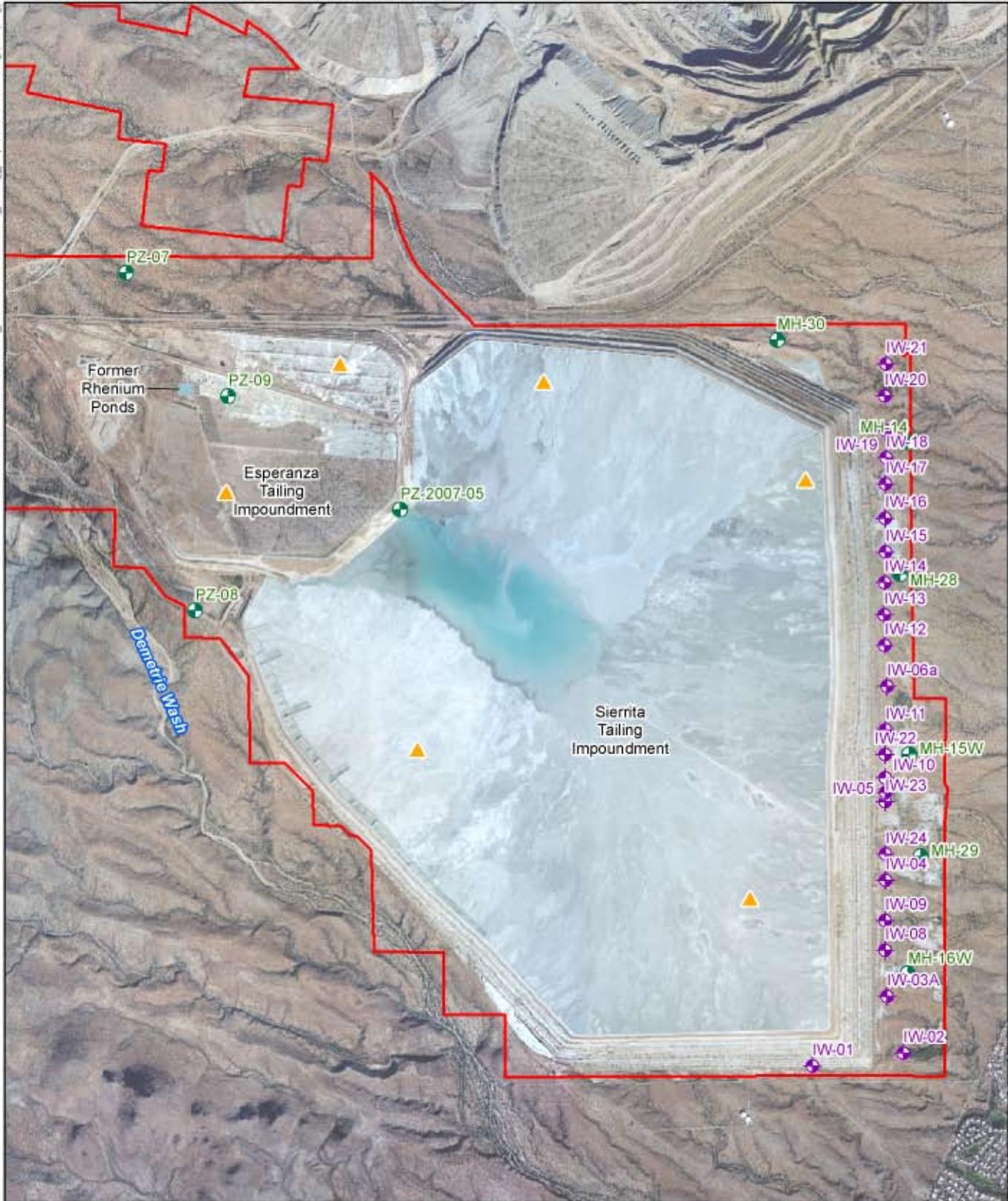
Tinaja and Unnamed Wash Sediment Sample Locations

**Freeport-McMoRan
Sierrita Inc.**



0 300 600
Feet

1 inch equals 600 feet



- LEGEND**
- Sierra Property Boundary
 - Former Rhenium Ponds
 - Monitor Wells and Piezometers
 - ◆ Pumping/Interceptor Wells
 - ▲ Proposed Random Soil Boring

Figure 4-8
Tailing Impoundments
Soil Boring Locations

Freeport-McMoRan
Sierrita Inc.

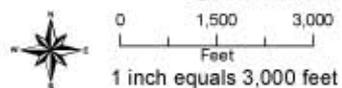


Figure 4-9
Background Well Locations

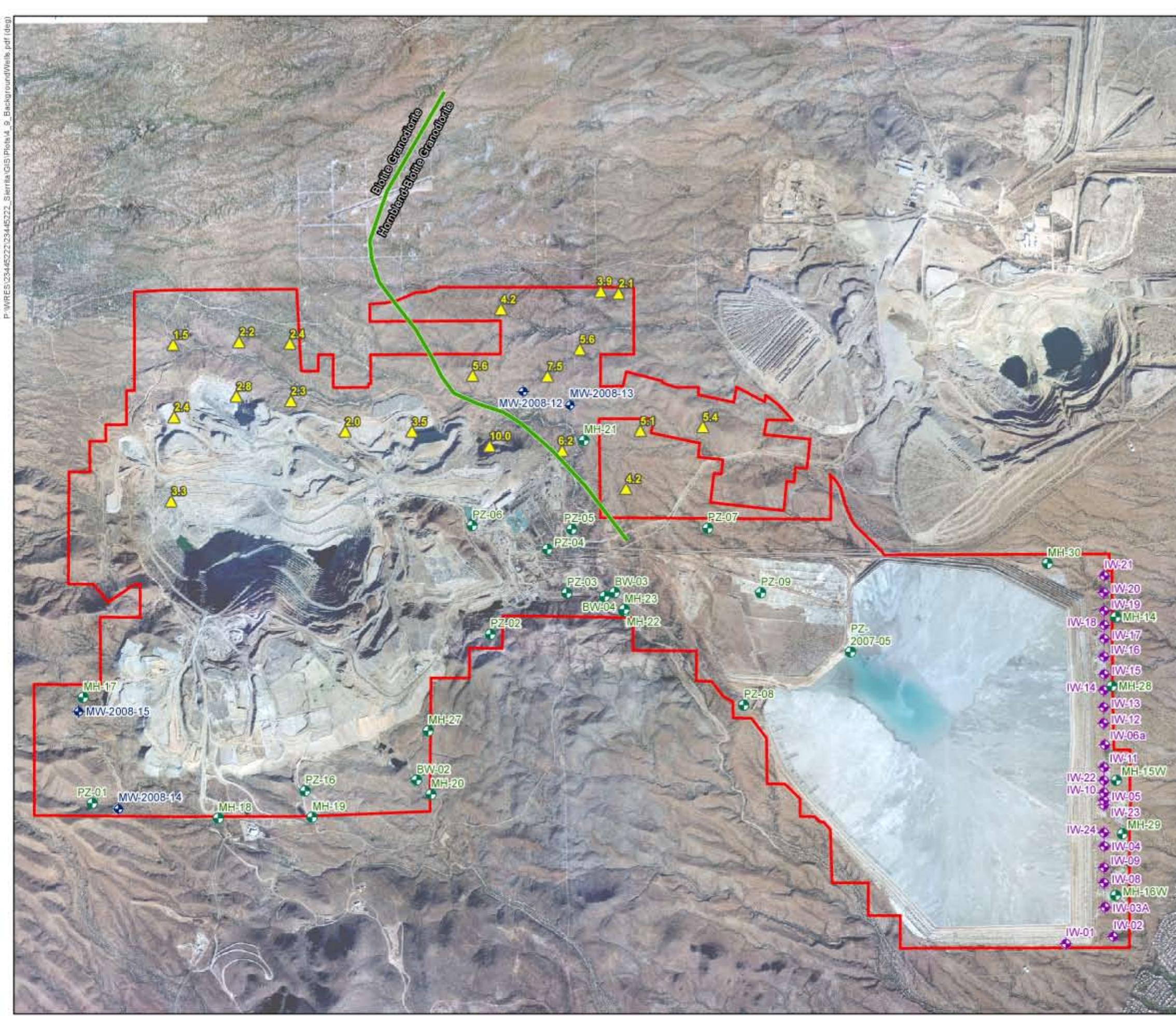
Freeport-McMoRan Sierrita Inc.

Legend

-  Monitor Wells and Piezometers
-  Pumping/Interceptor Wells
-  Background Wells
-  Approximate Uranium Sample Points (Values in ppm)
-  Approximate Ruby Star Biotite Granodiorite and Hornblend-Biotite Granodiorite Division

General Features

-  Sierrita Property Boundary



Source:
Imagery - Cooper Aerial Survey Co. 2006
Base Map - ALRIS 1997 - 2007
Granodiorite Division - Conoco 1978

