

Figure 1-1.
Site Location Map

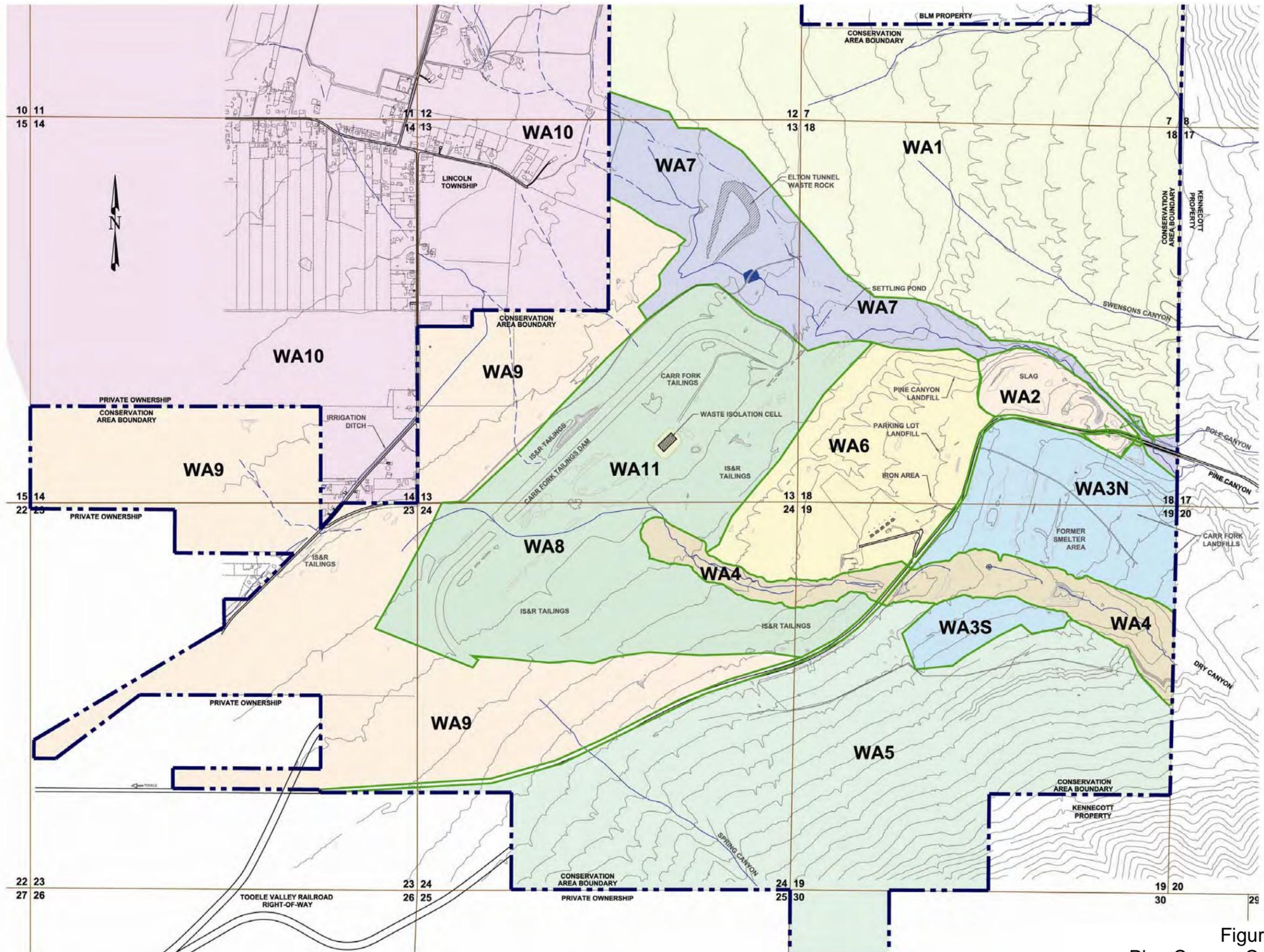


Figure 2-1.
Pine Canyon Conservation Area
Work Areas

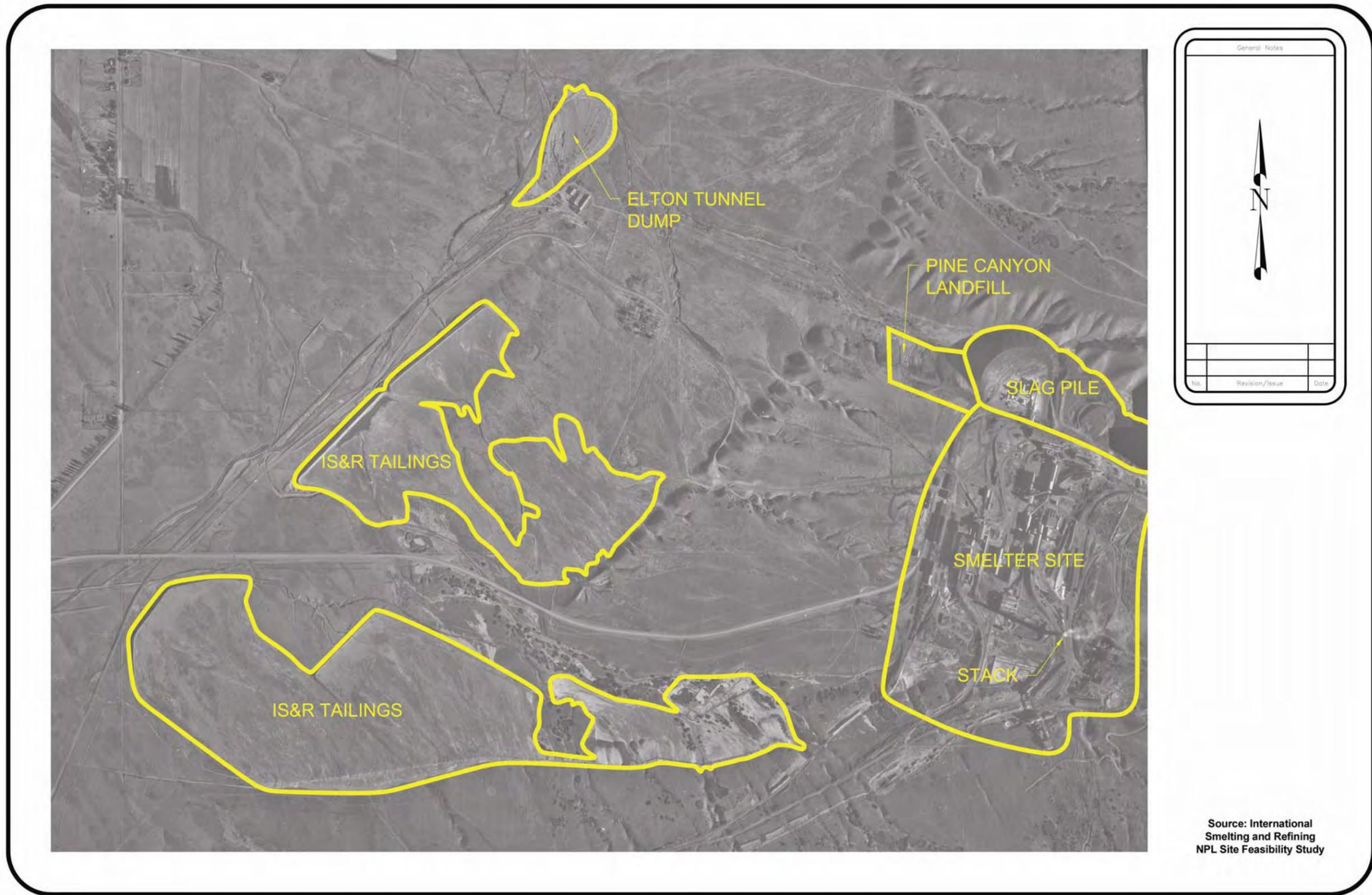


Figure 2-2.
Pine Canyon Conservation Area
Pre-Reclamation (1952) Features



Figure 2-3.
 Pine Canyon Conservation Area
 1986 Reclamation Action Features

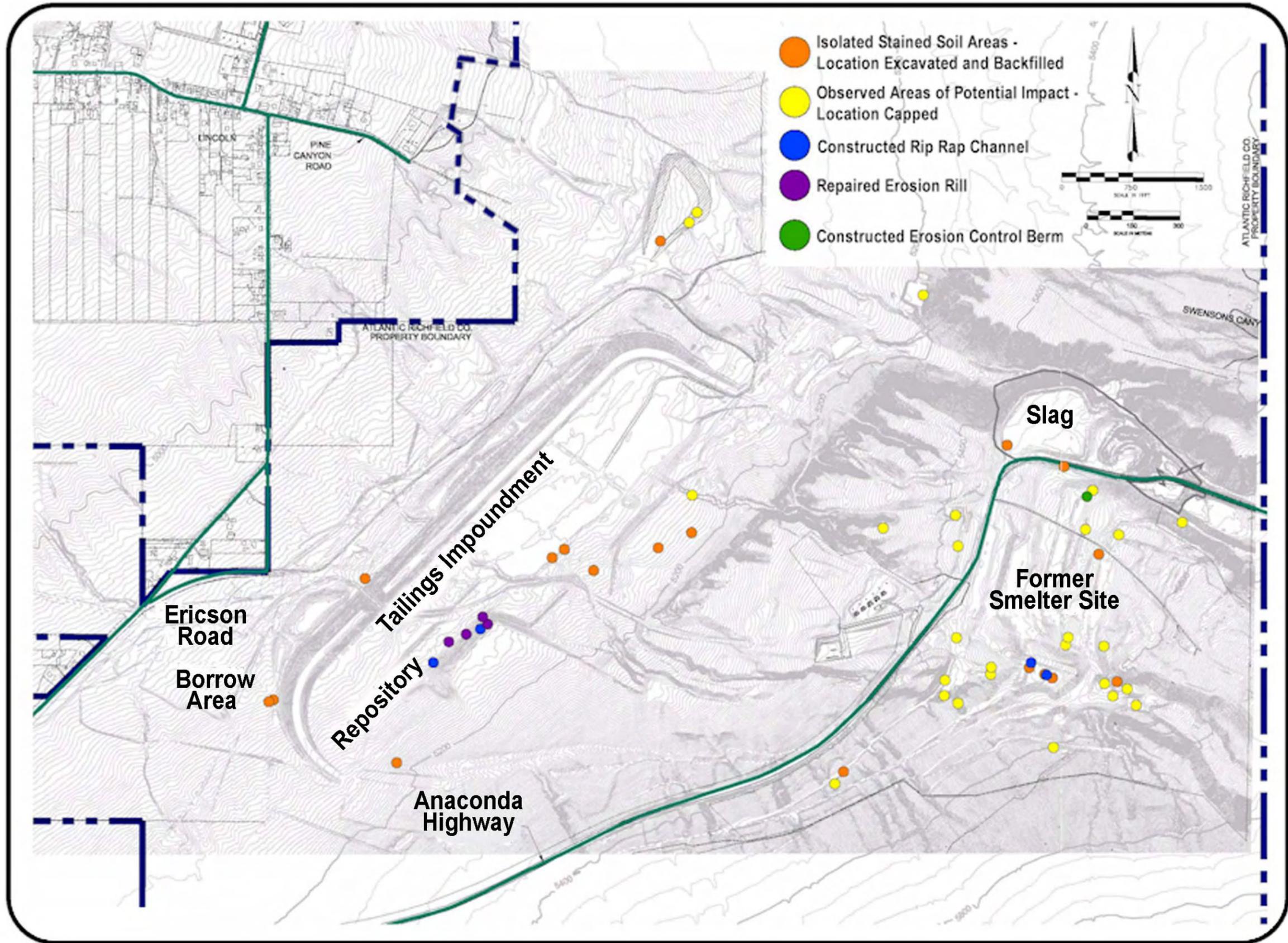


Figure 2-4.
Pine Canyon Conservation Area
2006 Removal Action

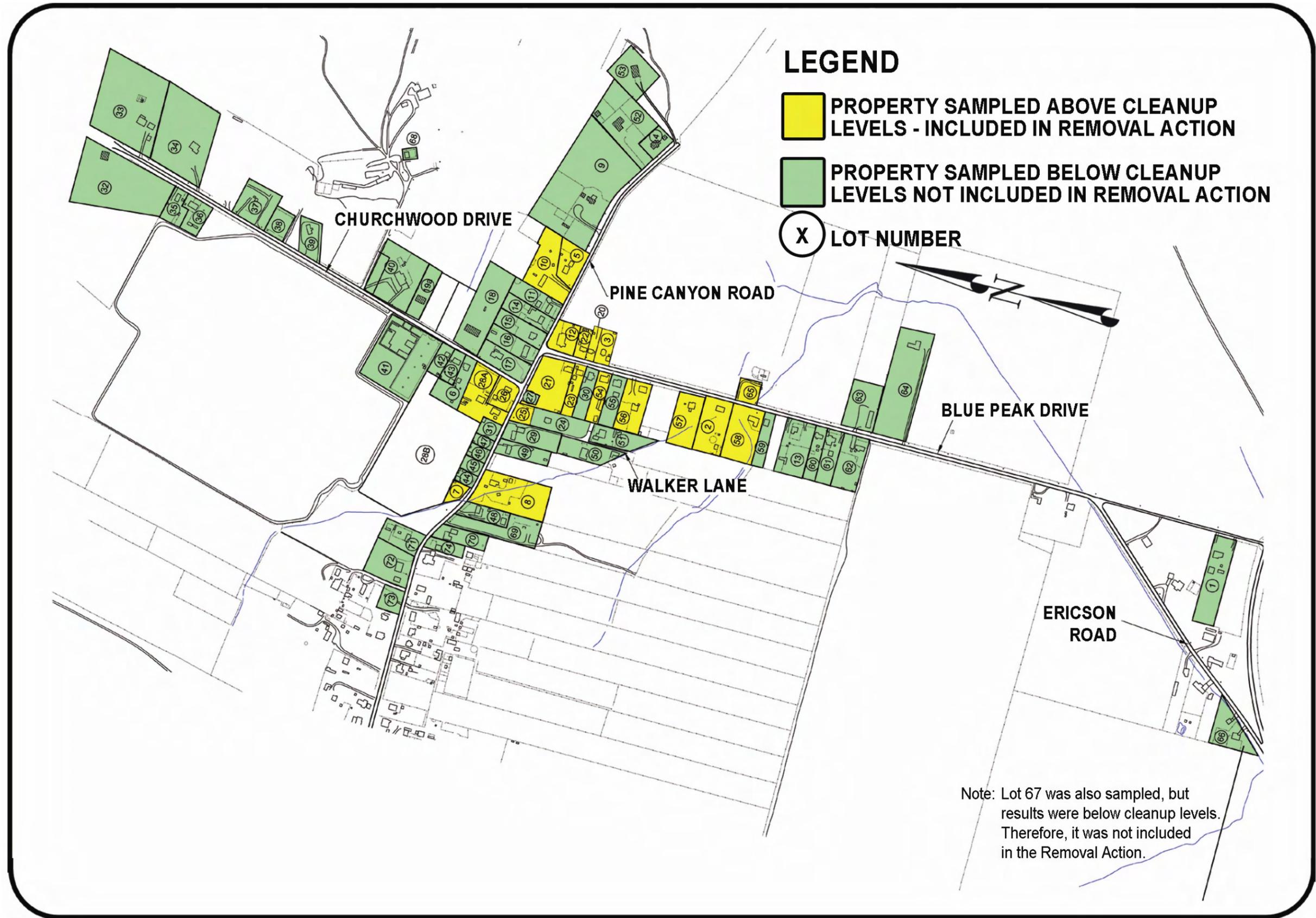


Figure 2-5.
Pine Canyon Removal Action

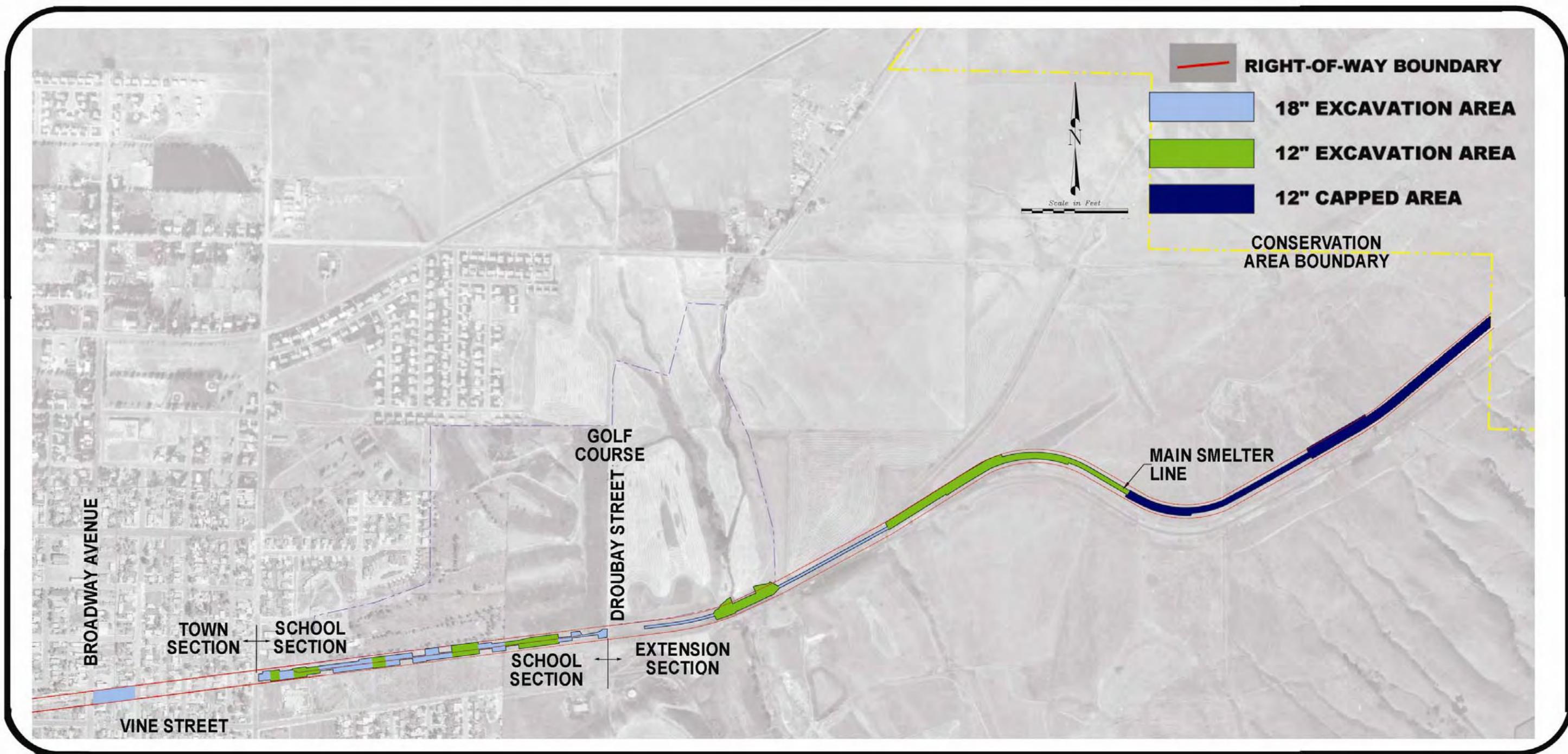


Figure 2-6.
Tooele Valley Railroad Grade
Removal Action

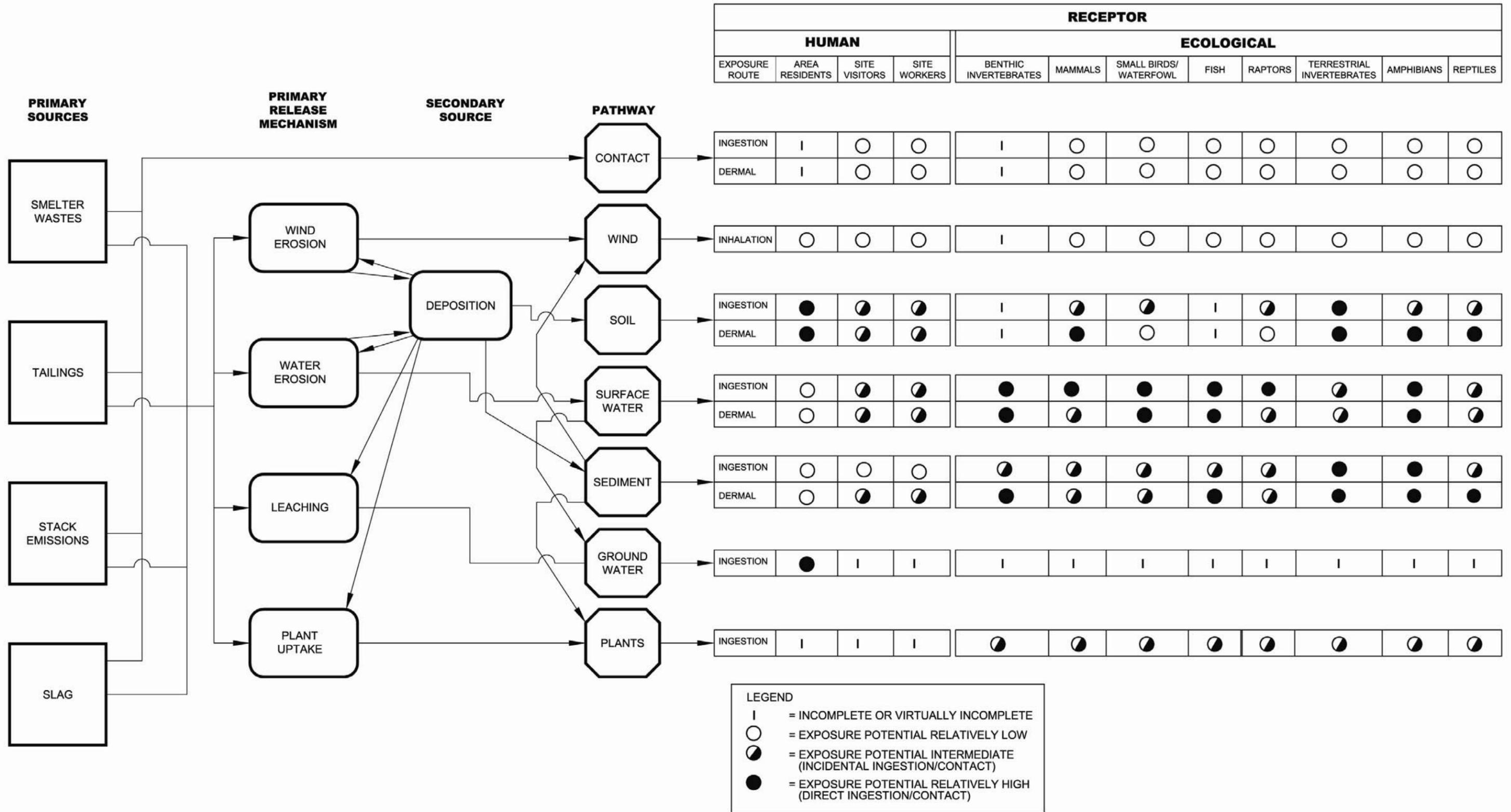


Figure 5-1.
Conceptual Site Model

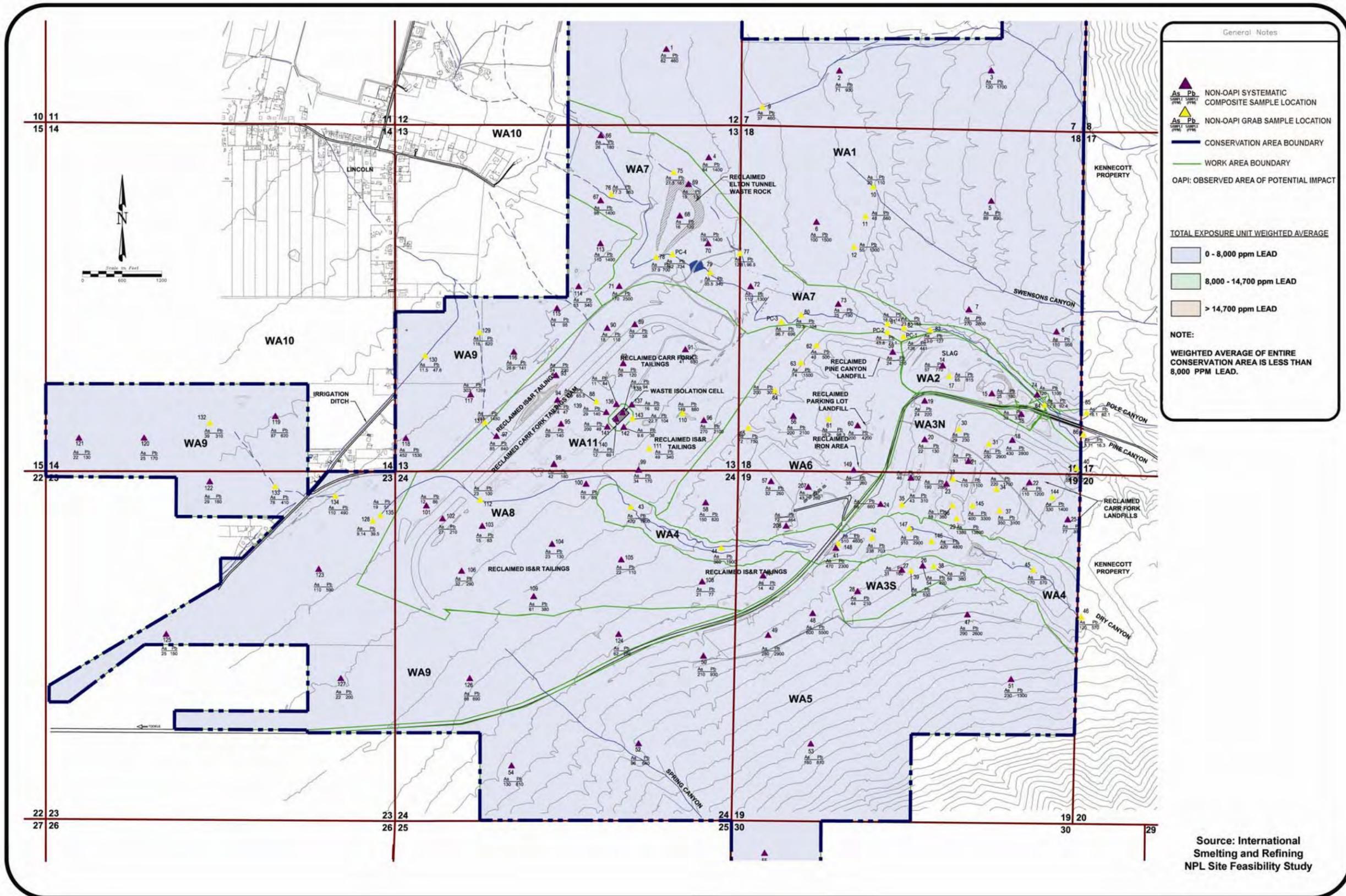


Figure 5-2.
Pine Canyon Conservation Area Weighted Average Lead Concentrations Using Non-OAPI Systematic and Grab Sample Data

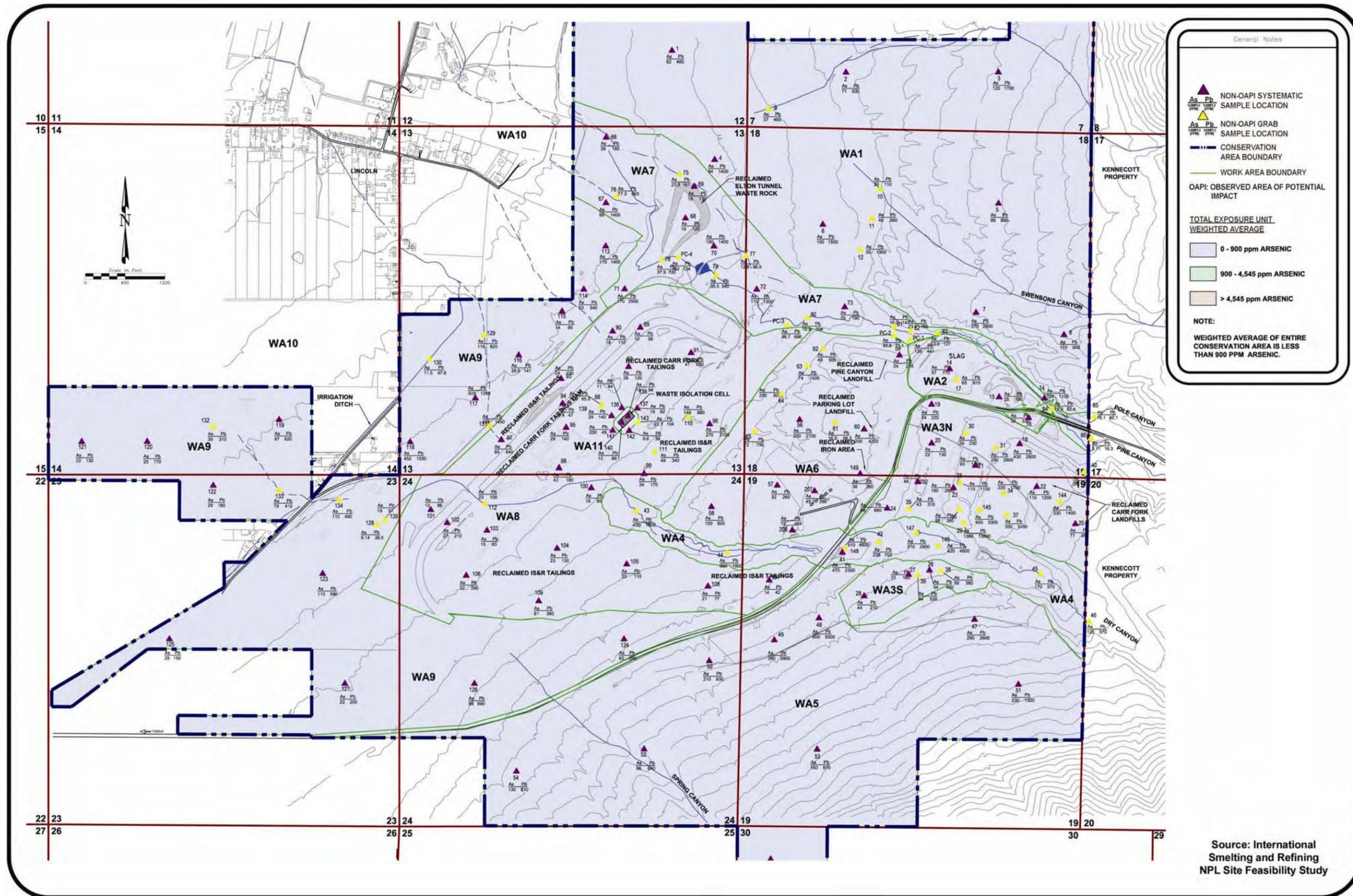


Figure 5-3.
Pine Canyon Conservation Area Weighted Average Arsenic Concentrations Using Non-OAPI Systematic and Grab Sample Data

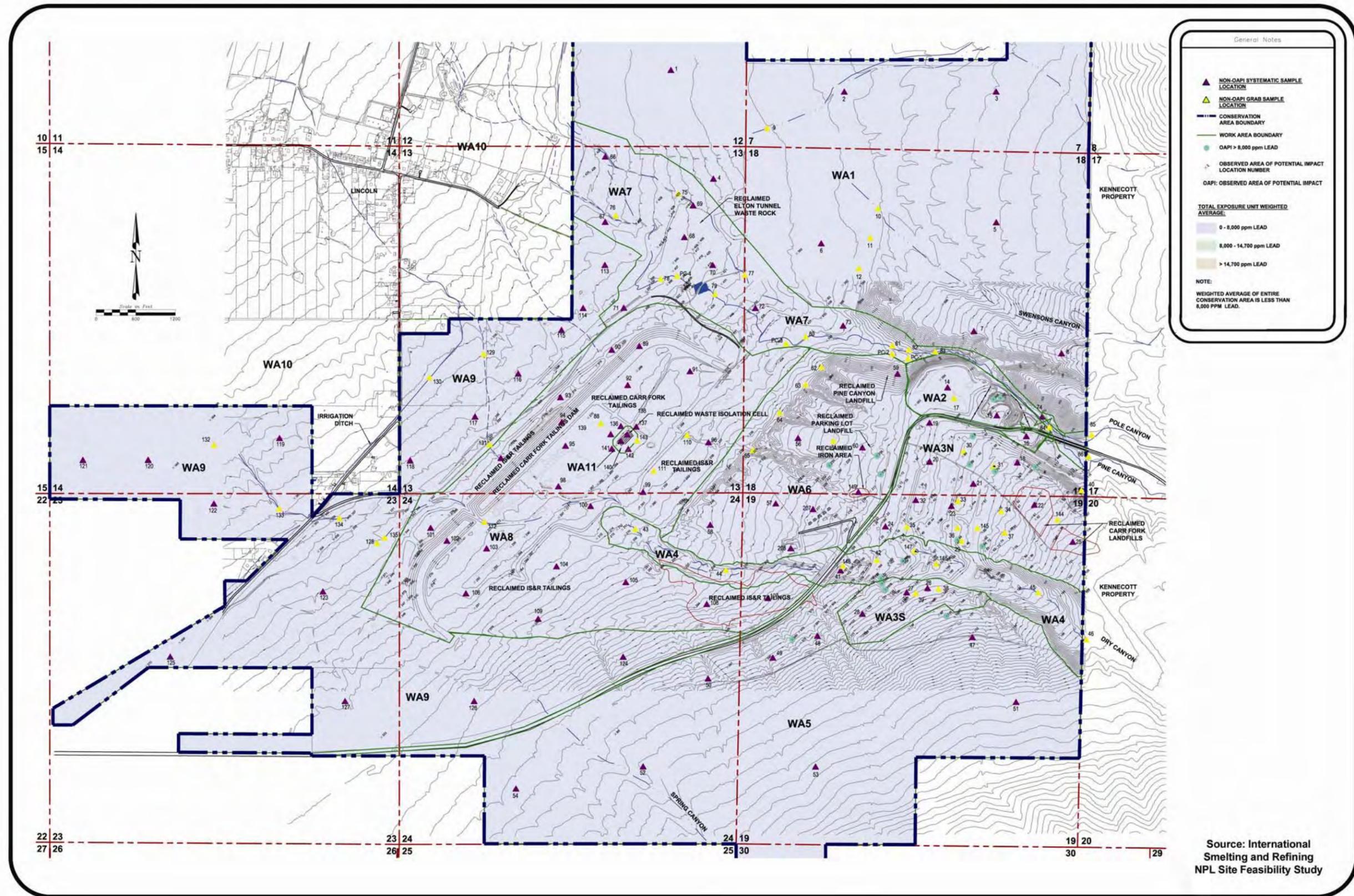


Figure 5-4.
Pine Canyon Conservation Area
Weighted Average Lead Concentrations
Using Non-OAPI Systematic and
Grab, and OAPI Sample Data

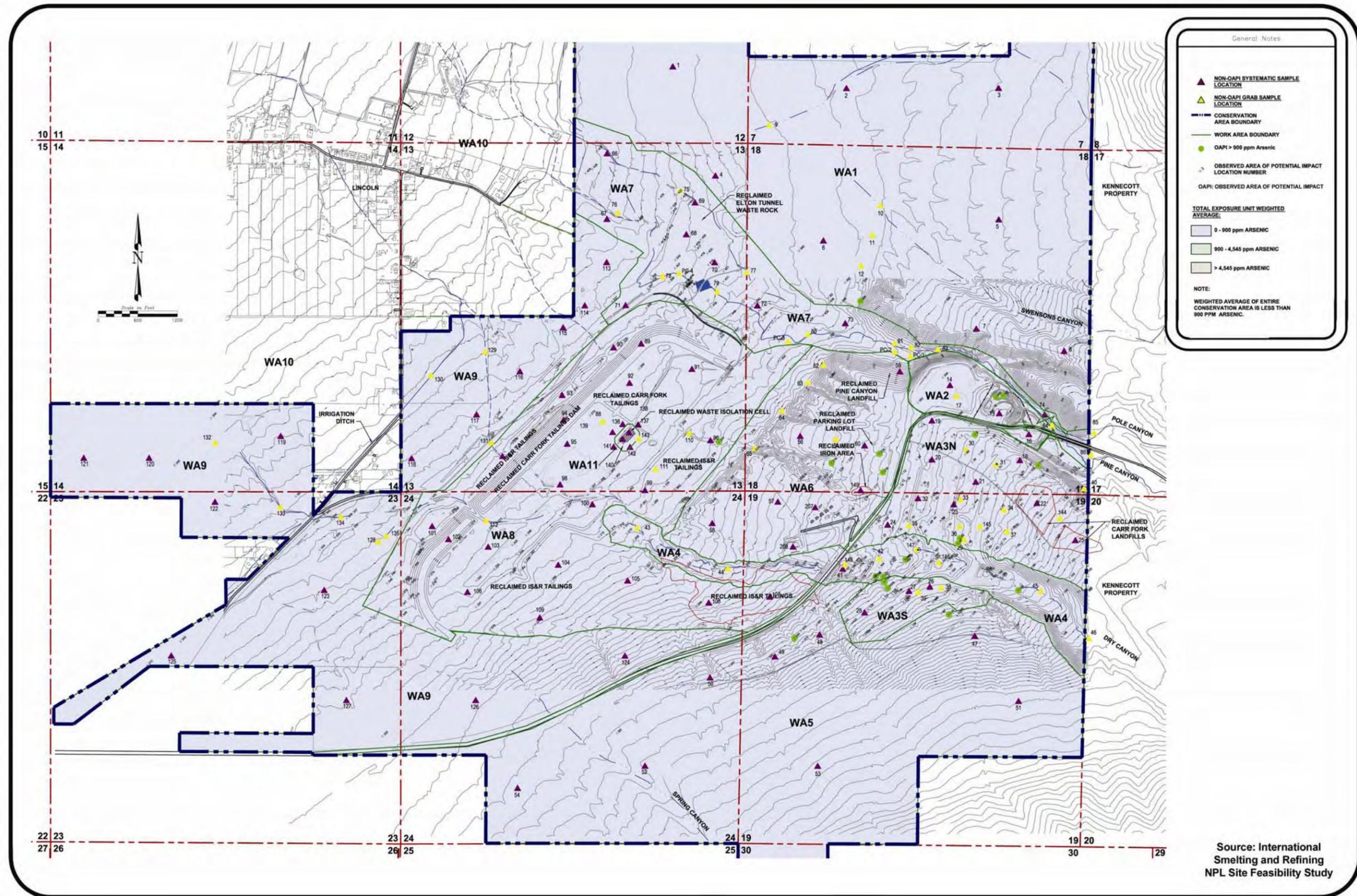


Figure 5-5.
Pine Canyon Conservation Area Weighted Average Arsenic Concentrations Using Non-OAPI Systematic and Grab, and OAPI Sample Data



General Notes

- VACANT AREAS WITH Pb AND As VALUES BELOW RECREATIONAL LEVELS
- (X) LOT NUMBER
- 5-POINT COMPOSITE SOIL SAMPLE LOCATION TAKEN WITHIN THE RANGE OF 0-2 INCHES
- ◆ CHANNEL SEDIMENT SAMPLE LOCATION

| Sample ID | As | Pb |
|-----------|----|-----|
| 192 | 34 | 390 |
| 0-2 | 44 | 320 |
| 2-6 | 44 | 320 |

| Sample ID | As | Pb |
|-----------|-----|-----|
| 159 | 130 | 440 |
| 0-2 | 96 | 600 |

| Sample ID | As | Pb |
|-----------|-----|-----|
| 185 | 170 | 630 |
| 0-2 | 140 | 690 |
| 2-6 | 140 | 690 |

| Sample ID | As | Pb |
|-----------|----|-----|
| 166 | 74 | 900 |
| 0-2 | 74 | 900 |

| Sample ID | As | Pb |
|-----------|-----|------|
| 163 | 190 | 1200 |
| 0-2 | 190 | 1200 |

| Sample ID | As | Pb |
|-----------|----|-----|
| 164 | 64 | 480 |
| 0-2 | 64 | 480 |

| Sample ID | As | Pb |
|-----------|------|------|
| 209 | 185 | 1750 |
| 0-2 | 66.2 | 585 |
| 2-6 | 66.2 | 585 |

| Sample ID | As | Pb |
|-----------|-----|-----|
| 168 | 120 | 820 |
| 0-2 | 120 | 820 |

| Sample ID | As | Pb |
|-----------|----|-----|
| 169 | 90 | 640 |
| 0-2 | 90 | 640 |

| Sample ID | As | Pb |
|-----------|-----|------|
| 170 | 171 | 1990 |
| 0-2 | 171 | 1990 |

| Sample ID | As | Pb |
|-----------|-----|------|
| 167 | 190 | 1100 |
| 0-2 | 190 | 1100 |

| Sample ID | As | Pb |
|-----------|-----|-----|
| 171 | 110 | 750 |
| 0-2 | 110 | 750 |

| Sample ID | As | Pb |
|-----------|-----|------|
| 197 | 330 | 1800 |
| 0-2 | 210 | 620 |
| 2-6 | 210 | 620 |

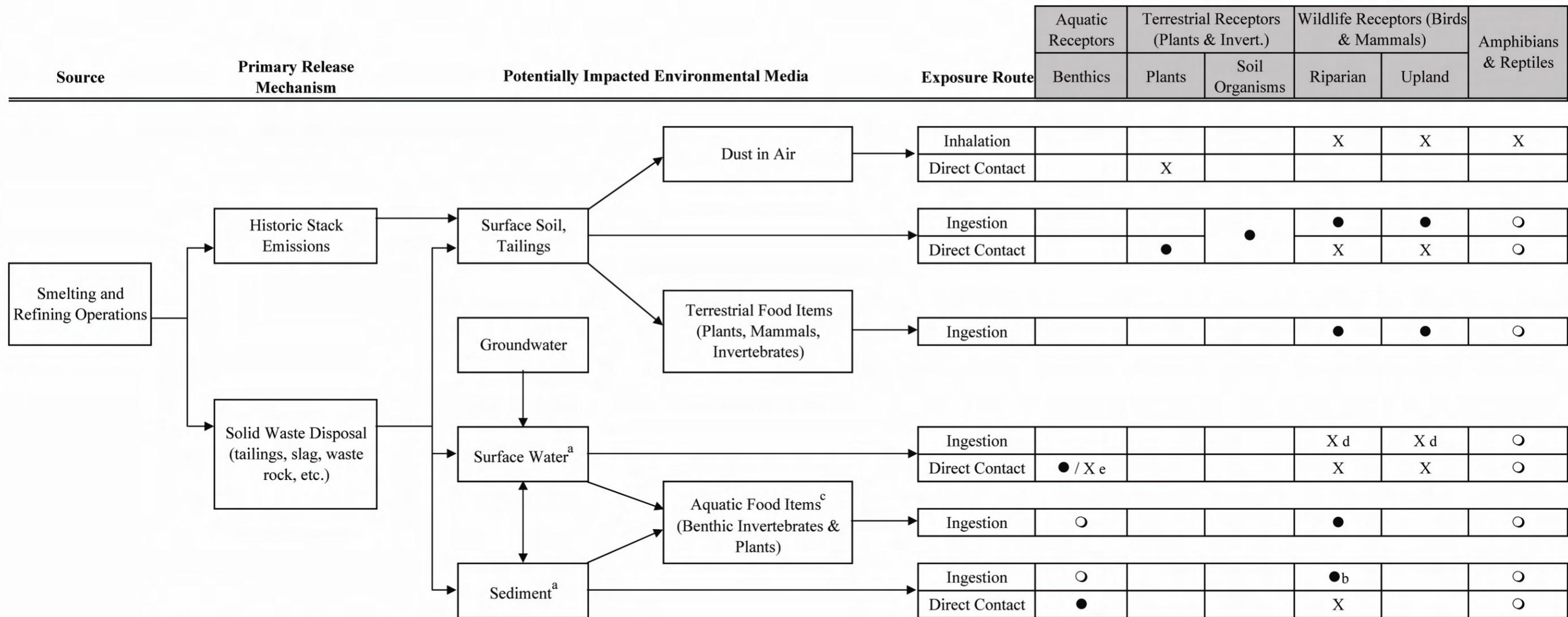
| Sample ID | As | Pb |
|-----------|-----|------|
| 172 | 200 | 1200 |
| 0-2 | 200 | 1200 |

| Sample ID | As | Pb |
|-----------|-----|-----|
| 173 | 112 | 894 |
| 0-2 | 112 | 894 |

| Sample ID | As | Pb |
|-----------|-----|------|
| 174 | 170 | 1980 |
| 0-2 | 170 | 1980 |

Source: International Smelting and Refining NPL Site Feasibility Study

Figure 5-6. Pine Canyon Undeveloped Property Lead and Arsenic Results



LEGEND

| | |
|---|---|
| | Pathway is not complete; no evaluation required |
| X | Pathway is complete, but is judged to be minor compared to other exposure pathways; qualitative evaluation |
| ○ | Pathway is complete and might be significant; but insufficient data are available for quantitative evaluation |
| ● | Pathway is complete and might be significant; sufficient data are available for quantitative evaluation |

Notes:

- a Exposure locations include Pine Creek and run-off ponds.
- b Due to the temporal nature of the run-off ponds, sediments at these locations were also evaluated as soils.
- c Aquatic habitats (Pine Creek, run-off ponds) at the IS&R site are not expected to support fish.
- d Based on the results of the Screening Level Ecological Risk Assessment (SLERA), exposures from ingestion of surface water were below a level of concern.
- e Based on the results of the SLERA, exposures from direct contact with surface water were below a level of concern for Pine Creek but above a level of concern for the run-off ponds.

Figure 7-1.
Site Conceptual Model for
Ecological Exposure