

Legend

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|---|---|--|
| <p>Arsenic Concentration (mg/kg)</p> <ul style="list-style-type: none"> □ Non detect to 60 ■ 60 to 300 ■ 300 to 600 ■ 600 to 1,200 ■ greater than 1,200 | <p>Historical Facilities</p> <ul style="list-style-type: none"> □ Historic Mill Facility □ Historic Smelter Site □ Consolidated Slag Pile (CSP) | <p>Project Site</p> <ul style="list-style-type: none"> □ Project Site □ Eureka County School District Property ▨ Sampled Areas |
|---|---|--|
- Levels of arsenic in soil are measured in units of milligrams per kilogram (mg/kg)

Surface Creation: GIS Analysis

ESRI ArcGIS v10.1 Inverse distance weighted (IDW) interpolation determines cell values using a linearly weighted combination of a set of sample points. The weight is a function of inverse distance. The surface being interpolated should be that of a locationally dependent variable. This method assumes that the variable being mapped decreases in influence with distance from its sampled location.

For each surface/contour map created for Eureka Pb or As levels, the nearest 12 concentration values were used.

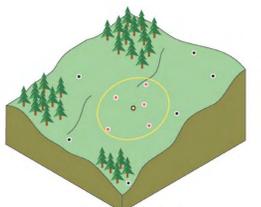


Figure 16-A
 Town of Eureka
 Iso-Concentration Map
 For Arsenic