

Table 4-2. Comparison of MBSI Bulk Sample and Western U.S. Mean Concentrations (USGS)⁽¹⁾

| Parameter | MBSI Mean (mg/kg) | Western U.S. Mean (mg/kg) |
|-----------|-------------------|---------------------------|
| Aluminum | 15500 | 58000 |
| Antimony | 0.2 | 0.47 |
| Arsenic | 11.4 | 5.5 |
| Barium | 195 | 580 |
| Beryllium | 0.7 | 0.68 |
| Cadmium | 0.3 | not reported |
| Chromium | 19.6 | 41 |
| Cobalt | 7.3 | 7.1 |
| Copper | 17.6 | 21 |
| Iron | 18200 | 21000 |
| Lead | 15.3 | 17 |
| Manganese | 508 | 380 |
| Mercury | 0.05 | 0.05 |
| Nickel | 16.6 | 15.0 |
| Selenium | 0.4 | 0.23 |
| Silver | 0.2 | not reported |
| Thallium | 0.25 | not reported |
| Vanadium | 30.9 | 70 |
| Zinc | 60.5 | 55 |

NOTES: (1) Shacklette, H.T. and J.G. Boerngen, 1984. Element Concentrations in Soils and Other Surficial Materials of the Conterminous United States. USGS Professional Paper 1270.