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Report/Article Title Notes: Concentration of Selected Elements in U.S. Soils

Journal/Book Title

Year 0000

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Color

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Description Notes Marked as Atch 1

CONCENTRATION OF SELECTED ELEMENTS IN U.S. SOILS

| | <u>RANGE</u> | <u>PPM</u> | <u>MEAN</u> | <u>NOTES</u> |
|------------|------------------|------------|-------------|--|
| Iron | 10,000 - 100,000 | | | |
| Aluminum | 1,000 - 70,000 | | | |
| Nitrogen | 600 - 50,000 | | | |
| Magnesium | 7,100 - 13,400 | - - - - - | | < Exchangeable in soil water for plant uptake ~ 2ppm |
| Phosphorus | 200 - 1,000 | | | |
| Sulfur | 250 - 500 | | | |
| Calcium | 500 - 8,000 | | | |
| Chromium | 5 - 3,000 | | 100 | |
| Nickel | 10 - 1,000 | | | |
| Manganese | 20 - 3,000 | | 850 | |
| Zinc | 10 - 300 | | 50 | |
| Boron | 7 - 80 | | | |
| Lead | 2 - 200 | | 5 | |
| Selenium | < 0.01 - 190 | - - - - - | | <u>2ppm is normal</u> |
| Arsenic | 0.25 - 54 | - - - | 6.43 | - - - IN CORUBIT, MEAN = 2.7 |
| Mercury | 0.01 - 3.2 | | 0.2 | |
| Molybdenum | 0.2 - 10 | | 2 | |
| Copper | 10 - 80 | | 20 | |
| Cobalt | 2.5 - 13 | | 8 | |
| Cadmium | < 1 - 2.5 | | < 1 (0.06) | |