

ROBINSON INTERNATIONAL USA, INC.
Laboratory Services/Mineral Testing

PREPARATION METHOD

- Pulverized/Grind
- Jaw Crush
- Loss on Ignition
- Ash
- Moisture
- Filter

DIGESTION METHODS

- Acid Digestion
- Fusion
- Microwave
- Extraction
- Fire Assay

Periodic Table of the Elements

The periodic table is color-coded by groups: Alkali Metals (purple), Alkaline Earths (orange), Transition Metals (green), Basic Metals (red), Semi-Metals (yellow), Nonmetals (blue), Halogens (light blue), Noble Gases (light green), Lanthanides (pink), and Actinides (dark red). Each element cell contains its symbol, atomic number, and name.

MINERAL ORE ANALYSIS

- Mineral Sample Analysis
- 13 Ore Elemental Analysis - Al, Co, Cu, Fe, Mn, Ni, Pb, Zn, U, Cd, As, Ca, Mg
- 15 Metallic Elemental Analysis - Al, Ca, Mg, Mn, Pb, Zr, Cu, Co, Fe, Bi, Cd, Ni, U, As, Cd
- Precious Elemental Analysis - Au, Ag, Pt, Pd, Rh, Ru. Instrumentation: Perkin Elmer ICP 8300

ELEMENTAL ANALYSIS

- 12 Elemental Analysis - Al, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Ti, V, Zn
- 25 Elemental Analysis - Al, B, Ba, Be, Bi, B, Ca, Cd, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Si, Sn, Sr, Ti, V, Zn, Zr
- Single Elemental Analysis available - Instrumentation: Perkin Elmer ICP 8300



Please call Philip Williams at 713-644-8440 or email pwilliams@robinsousan.net for information and a quotation.