# Method 25 – WDXRF Base Metals

**Sample Weight: 2 g**

## Summary

Samples are fused with lithium borate and fused into a glass disk to determine high content base metal elements in rocks, sediments and soils. The disk is then analyzed by WDXRF.

## Method 25 Elements and Reporting Limits

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| --- | --- | --- |
| Element | Concentration (low) | Concentration (high) |
| Co, Cobalt | 0.05% | 20% |
| Cr, Chromium | 0.05% | 20% |
| Cu, Copper | 0.05% | 20% |
| Fe, Iron | 0.05% | 20% |
| Ni, Nickel | 0.05% | 20% |
| Pd, Lead | 0.05% | 20% |
| Zn, Zinc | 0.05% | 20% |

## Analytical Performance

Data will be deemed acceptable if recovery of the base metals is ±5% at the LOD and the calculated percent RSD of duplicate samples is no greater than 5%.