

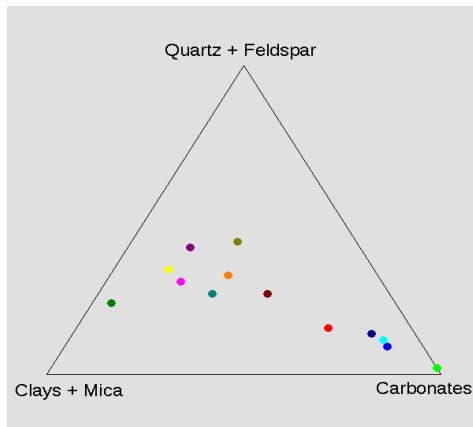


X-ray Mineral Services

X-ray Diffraction (XRD) Analysis

Whole Rock Analysis

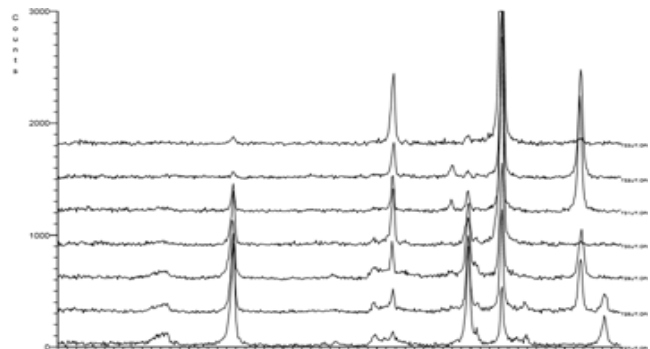
- analysis of total mineral content
- semi-quantitative
- full interpretation highlighting silica minerals & feldspar carbonates clays



Ternary Diagram showing clay composition of a batch of shale samples

Clay Fraction Analysis

- analysis of <2 micron clay fraction
- quantitative
- glycol, 380C & 550C treatments
- full interpretation to include kaolin polytypes chlorite Fe:Mg ratio smectites & mixed layer clays illite/smectite ratios & type of ordering minor & less common clays



X-ray Diffractograms

Major and/or trace element analysis using X-ray Fluorescence (XRF) also available

Please contact GWL at the address below for more information or availability

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