
Our Clients



VERMILION
ENERGY



Canadian Natural

"Our goal is to provide clients with data and solutions to increase production while reducing exploration, drilling and completion costs"

XRF Solutions Ltd.

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The XRF Solutions logo, featuring the letters "XRF" in large black font above the word "Solutions" in a smaller black font. A grey arrow points to the right, with a small yellow triangle at its tail. The background is a scenic photograph of a mountain range with a lake and trees in the foreground.

XRF
Solutions

About Us

Calgary based XRF Solutions uses portable X-Ray Fluorescence (XRF) technology to analyze rock samples and provide insight through a geochemical perspective. XRF chemical analysis is a cutting edge tool in the oil and gas industry with applications in conventional, unconventional, carbonate, heavy oil and oil sands reservoirs.



Tom Weedmark, P.Geol, President

- MSc. Geology, University of Calgary.
- 10+ years experience in XRF applications for oil and gas.

Bruker Tracer 5G instruments are portable and equipped to use vacuum purge. In this configuration we are able to capture elemental composition from Sodium to Uranium.



Why Use XRF?

Big Data: High resolution elemental, mineralogy and reservoir properties data.

Efficient: Fast, non-destructive and portable with no interference in drilling operations.

Inexpensive: A fraction of the cost of standard lab analyses or horizontal well logging.

Exploration: Large and unique data sets for enhanced reservoir characterization.

Drilling: Drill faster by understanding how the rock affects ROP and bit wear.

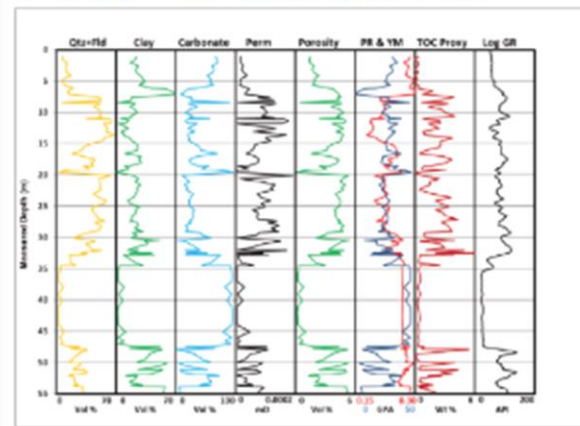
Completions: Optimize completions strategy with XRF horizontal well data from cuttings.

Our Services Include

XRF Calibrated Elemental Analysis	XRF Bulk and Clay Mineralogy
XRF Reservoir Properties	XRD Mineralogy Analysis
Laser Particle Size Distribution	Portable Hardness Testing
Research and Development	Geochemical Consulting

Our Products

Core Logging: XRF analyses from core are used by geologists and engineers for exploration and the quantification of reservoir potential.



Horizontal Logging: XRF technology provides a cost effective method to collect elemental, mineralogy and reservoir properties information along horizontal production wells.

