

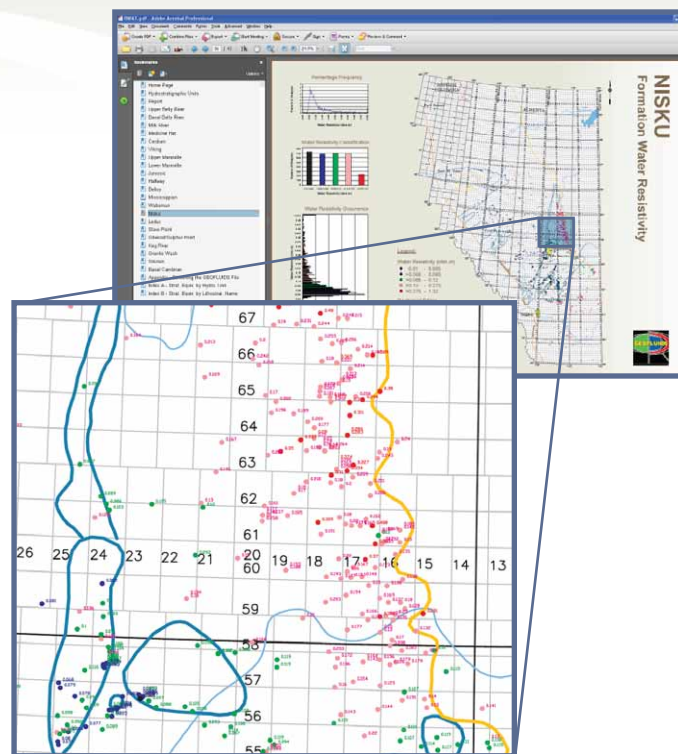
WATER RESISTIVITY ATLAS OF WESTERN CANADA

Introduction

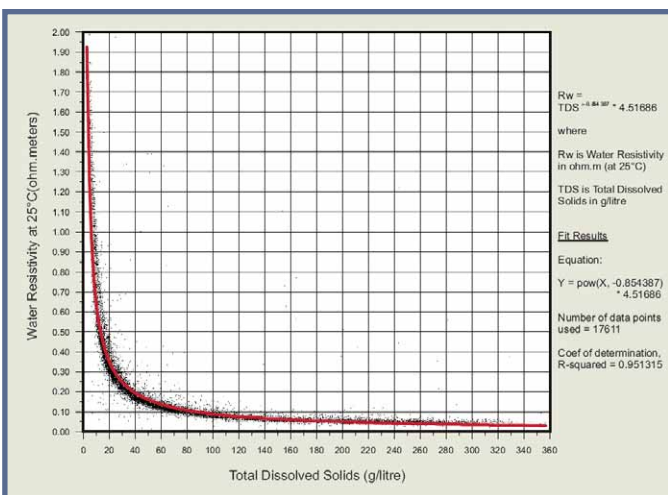
The Water Resistivity Atlas of Western Canada provides high-graded water resistivity maps for 21 hydrostratigraphic units across the Western Canada Sedimentary Basin (WCSB). All analyses have been carefully screened and analyzed by Rakhit Petroleum Consulting Ltd. (RPCL) technical staff to ensure that only R_w values representative of formation waters are posted and contoured on the final maps. The regional stratigraphic mapping identifies local and regional variations in R_w through successive stratigraphic units. Additional statistical analysis, which is included with each map layer, adds clarity to regional trends seen on the maps.

The Water Resistivity Atlas:

- Provides screened R_w s for petrophysical analysis and data validation
- Identifies regions of potential fresh water influx
- Enables the identification of relationships between geology and R_w
- Reduces data acquisition and screening costs



Excerpt from Nisku Water Resistivity Map, as accessed from the interactive digital PDF atlas Interface (above)



Water Resistivity versus Total Dissolved Solids cross-plot showing empirical relationship of formation waters sampled throughout the Western Canada Sedimentary Basin

Deliverables

- Contoured R_w maps for 21 hydrostratigraphic horizons including only those analyses representing true formation waters
- Multiple analyses where available
- Colour coding to highlight regional trends within map units
- Statistical evaluations highlighting regional trends between map units
- Report, methodology and supporting illustrations
- Delivered digitally (PDF) on CD-Rom

Atlas Pricing

Digital Format - \$5,000 + GST