



GAEA Technologies

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Borehole Validation Report

Project ID:	Oil and Gas Examples
Project Name:	Oil and Gas Examples
Borehole	Cuttings and Grain Size
X Coordinate:	191.964285714286
Y Coordinate:	254.910714285714
End Depth:	220.00
Date Drilled:	October 13, 2014
Validated By:	Admin
Validation Date:	August 21, 2026
WinLoG Version:	6.10
Validation Engine:	2.2.0

Overall Validation Status

Validation:	Warnings
Completeness:	100%
Quality:	Good
Confidence Score:	82%

Validation Summary

Warnings:	3
Errors:	0

Validation Warnings

Message:	Lithology missing
Data Type:	Lithology
First Depth:	40.00
Second Depth:	55.00
Actual Value:	12 missing layer(s)
Expected Value:	Lithology information for each layer
Explanation:	The rule identifies incomplete information that may reduce the usefulness or defensibility of the record.
Potential Cause:	The required value may not have been entered, imported, or mapped from the source record.



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Potential Resolution:	Review the source record and enter the missing value. If the value is legitimately unavailable document the reason and retain the warning for reviewer assessment.
Message:	Strong oil staining in non-reservoir lithology should be verified
Data Type:	Oil Staining
Depth:	156.00
Actual Value:	156
Expected Value:	Reservoir-capable lithology or documented exception
Explanation:	Strong oil staining in non-reservoir lithology should be verified. This check supports defensit oil-and-gas formation, show and cuttings QA/QC.
Potential Cause:	Depth, type, name, lithology linkage, interpretation tolerance, or imported dataset mapping may be inconsistent between related oil-and-gas records.
Potential Resolution:	Compare the formation, lithology, mud-log, cuttings and show records at the affected depth correct confirmed discrepancies and document any valid interpretive difference.
Message:	Strong oil staining in non-reservoir lithology should be verified
Data Type:	Oil Staining
Depth:	179.00
Actual Value:	179
Expected Value:	Reservoir-capable lithology or documented exception
Explanation:	Strong oil staining in non-reservoir lithology should be verified. This check supports defensit oil-and-gas formation, show and cuttings QA/QC.
Potential Cause:	Depth, type, name, lithology linkage, interpretation tolerance, or imported dataset mapping may be inconsistent between related oil-and-gas records.
Potential Resolution:	Compare the formation, lithology, mud-log, cuttings and show records at the affected depth correct confirmed discrepancies and document any valid interpretive difference.

This report summarizes automated validation checks performed by WinLoG Professional. It is not a formal QA/QC certificate and does not constitute approval of the borehole record.