



GAEA Technologies

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Borehole Validation Report

Project ID:	Geotechnical Examples
Project Name:	Geotechnical Examples
Borehole	BH-H01 Highway Investigation
X Coordinate:	542180.6
Y Coordinate:	4819250.3
End Depth:	30.00
Date Drilled:	August 14, 2026
Validated By:	Admin
Validation Date:	August 24, 2026
WinLoG Version:	6.10
Validation Engine:	2.2.0

Overall Validation Status

Validation:	Warnings
Completeness:	57%
Quality:	Fair
Confidence Score:	70%

Validation Summary

Warnings:	1
Errors:	0

Validation Warnings

Message:	Subgrade CBR is below the applicable design criterion
Data Type:	California Bearing Ratio
Depth:	5.25
Actual Value:	4%
Expected Value:	$\geq 5\%$
Explanation:	Subgrade CBR below the design criterion may indicate inadequate pavement support and requires engineering review.
Potential Cause:	The CBR result, soaked or unsoaked condition, sample depth, subgrade designation, or selected agency criterion may be incorrect, or the subgrade may be weak.
Potential Resolution:	Verify the test result and method, sample linkage and applicable criterion, then assess stabilization, replacement, undercut, drainage, or pavement redesign.



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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.