

GEOLOGIC FAULT STRESS ANALYSIS

Form: GS-A104

PROJECT SITE [Site Reference]

DATE OF ANALYSIS -- / -- / ----

ANALYST [Name/ID]

FAULT ORIENTATION [Strike/Dip]

DEPTH (Z) [Meters]

PORE PRESSURE [MPa]

STRESS COMPONENT	MAGNITUDE (MPa)	AZIMUTH (°)	PLUNGE (°)
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Principal Stress (σ_1)

Intermediate Stress (σ_2)

Minimum Stress (σ_3)

CALCULATED VARIABLE	VALUE	CRITICAL THRESHOLD
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Normal Stress (σ_n)

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Shear Stress (τ_s)

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Slip Tendency (T_s)

> 0.6

CALCULATED VARIABLE	VALUE	CRITICAL THRESHOLD
Dilation Tendency (Td)		--
High Risk		
Moderate Risk		
Stable		
NOTES & OBSERVATIONS		