

ACTIVE FAULT LINE IDENTIFICATION

Geological Field Survey Template

Form ID: GEO-AFL-001

Survey Site / Location

Surveyor Name

Coordinates (Lat/Long)

Date of Observation

FAULT CHARACTERISTIC	FIELD OBSERVATIONS / EVIDENCE	STRUCTURAL DIAGRAM / NOTES
Normal Fault Extensional	Vertical displacement. Hanging wall moves downward relative to footwall. Common in rift zones.	Sketch Cross-Section
Reverse Fault Compressional	Hanging wall moves upward. Often creates prominent scarps or "thrust" features.	Sketch Cross-Section
Strike-Slip Fault Lateral	Horizontal movement. Look for offset stream beds, fences, or geological markers.	Sketch Map View

Risk Assessment & Slip Rate Estimate

Notes on Holocene activity, recurrence interval, and localized seismic hazard...

Generated for Geological Documentation Purposes

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