GEOLOGIC ACTIVITY DUE TO:

TECTORIC PLATE INTERACTIONS

Two Plates Moving Apart  Two Plates Sliding By One Another  Two Plates Colliding Together

What is the Name of This Scenario?

EARTHQUAKE DEPTH PREDICTION – EXPLAIN WHY!

EARTHQUAKE MAGNITUDE PREDICTION - EXPLAIN WHY?

Two Examples:

Tsunami Likelihood Prediction:

Mostly shallow - since no plates are moving on top of or underneath of each other

Variable Magnitude. Magnitude will depend on the strength of the mantle plume below, which can vary with time
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