California Geological Survey

Earthquake Zones of Required Investigation
Half Moon Bay Quadrangle

This map shows both Alquist-Priolo Earthquake Fault Zones and Seismic Hazard Zones issued for the Half Moon Bay Quadrangle. For additional information on the zones of required investigation presented on this map, the data and methodology used to prepare them, and additional references consulted, please refer to the following:

- Seismic Hazard Zones issued for the Half Moon Bay Quadrangle, San Mateo County, California
  - California Geological Survey, Seismic Hazard Zones Report 152
  - [Link to report]
  - For more information, please refer to:[Link to CGS website]

MAP EXPLANATION

Earthquake Fault Zones
- Faults considered to have been active during Pleistocene time and to have potential for future activity. Barred Faults with a numerical value indicate primary faulting in that area.
- Faults identified with a query (?) indicate a potential for surface rupture: Solid Line in Black where Accurately Located; Long Dash in Black where Approximately Located; Short Dash in Black where Only Inferred; Dotted Line in Black where Concealed.

Seismic Hazard Zones
- Liquefaction Zones
  - Areas where liquefaction may occur during an earthquake and where ground displacements may endanger structures. These zones are based on soil properties, geology, and discrete earthquake magnitudes.
- Earthquake-Induced Landslide Zones
  - Areas where landslides may occur during an earthquake. These zones are based on soil properties, geology, and earthquake magnitude.

ADDITIONAL INFORMATION

For additional information on the zones of required investigation presented on this map, the data and methodology used to prepare them, and additional references consulted, please refer to the following:

- Seismic Hazard Zones issued for the Half Moon Bay Quadrangle, San Mateo County, California
  - California Geological Survey, Seismic Hazard Zones Report 152
  - [Link to report]
  - For more information, please refer to:[Link to CGS website]

Please note the following for zones shown on this map:

- **Earthquake Fault Zones**: If a fault runs through your property, you must consider the possibility of fault rupture in your future. Although the exact location of fault rupture is uncertain, it is possible that a fault rupture could happen at any time.
- **Seismic Hazard Zones**: These zones are based on historical and geologic data, and the potential for future earthquakes is considered. These zones are intended to help you make informed decisions about your property.

IMPORTANT

- **Earthquake Fault Zones**: If a fault runs through your property, you must consider the possibility of fault rupture in your future. Although the exact location of fault rupture is uncertain, it is possible that a fault rupture could happen at any time.
- **Seismic Hazard Zones**: These zones are based on historical and geologic data, and the potential for future earthquakes is considered. These zones are intended to help you make informed decisions about your property.

For more information, please refer to the following:

- California Geological Survey
  - [Link to CGS website]
  - For additional information, please refer to:[Link to CGS website]

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For more information, please visit [Link to CGS website].

ADDITIONAL INFORMATION

- For a general description of the AL and Seismic Hazards Mapping acts, the zonation guidelines, and additional references consulted, please refer to the following:
  - California Geological Survey, Seismic Hazard Zones Report 152
  - [Link to report]
  - For more information, please refer to:[Link to CGS website]

For more information on the AL and Seismic Hazards Mapping acts, the zonation guidelines, and additional references consulted, please refer to the following:

- California Geological Survey, Seismic Hazard Zones Report 152
  - [Link to report]
  - For more information, please refer to:[Link to CGS website]