

Landslides along the Highway 1 Corridor between Bodega Bay and Fort Ross, Sonoma County, California

prepared for the
California Department of Transportation

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Active or Historic
The landslide appears to be currently moving or movements have been recorded in the past

Dormant Young
The landforms related to the landslide are relatively fresh, but there is no record of historic movement

Dormant Mature
The landforms related to the landslide have been smoothed by erosion and re-vegetated

Debris Flow:
A landslide in which a mass of coarse grained silt flows downslope as a slurry



Debris Flow Fan:
A landslide mass consisting of an accumulation of debris flows



Debris Slide:
A landslide of coarse grained soil, commonly consisting of surficial deposits, rock fragments and vegetation



Rock Fall:
A landslide in which a fragment, or fragments, breaks off of an outcrop and falls, rolls or tumbles downslope



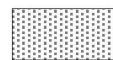
Rock Slide:
A landslide involving bedrock that moves as an intact block or blocks on a slide plane



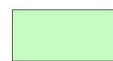
Earth Flow:
A landslide involving fine-grained soil or deeply weathered bedrock in which the material flows by movements on many ephemeral slide planes



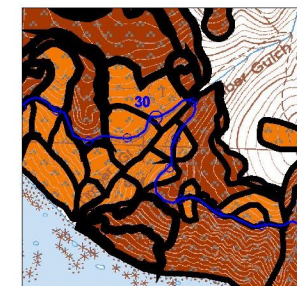
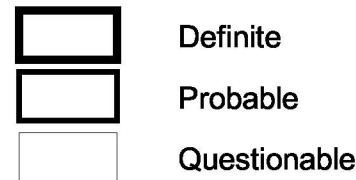
Debris Slide Slope:
A landform representing the coalesced scars of debris flows and debris slides, an area largely shaped by shallow landslides



Franciscan Central Belt Melange:
A geologic unit consisting of highly sheared sandstone and shale, with few intact blocks



Landslide Confidence

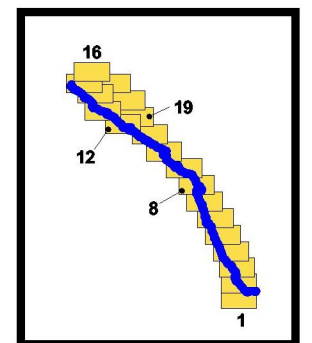


The geologic map is divided into 19 map sheets as shown at right, arranged from south to north. Postmiles are shown along Highway 1 as above; each mile is labeled and tenths are shown by unlabeled circles.

2006



Project Location Map



Corridor Map Sheet Index
Highway 1 in blue.