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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Landslide Confidence

- Definite
- Probable
- Questionable

Debris Flow:
A landslide in which a mass of coarse
grained all 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
deply weathered bedrock in which the
material flows by movements on many
ephemeral slide planes

Debris Slide Slope:
A terrain representing the coalesced scarsof
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

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.