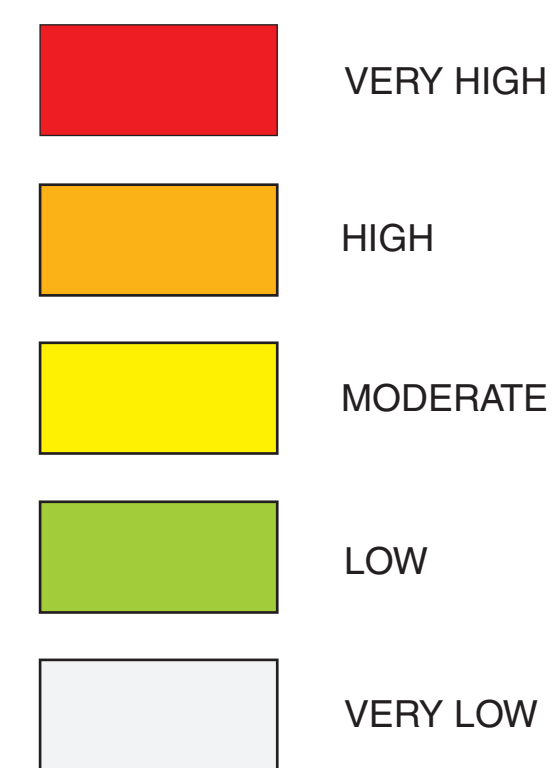


Liquefaction Susceptibility by Map Unit

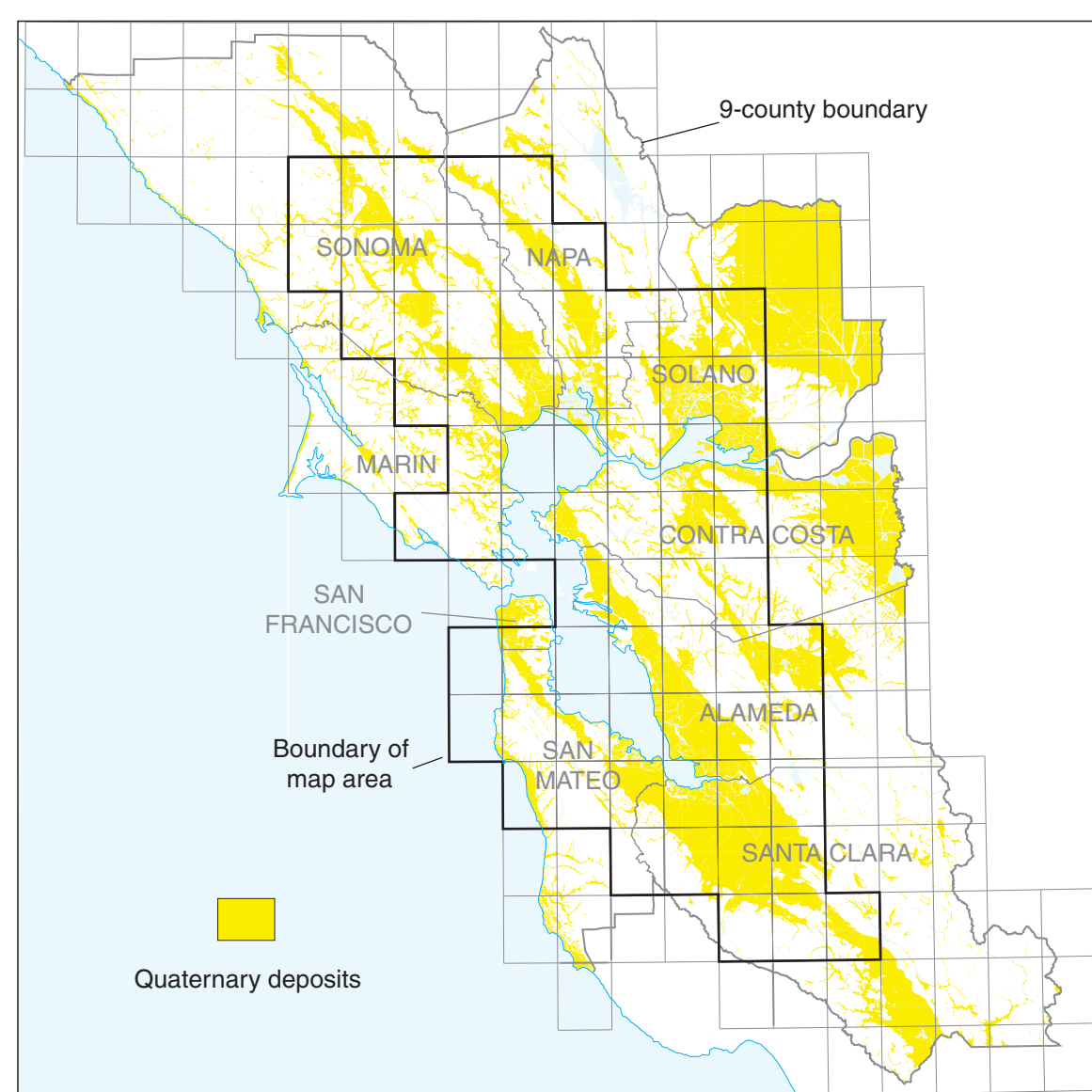
Age	Artificial fill	Shallow channel	Estuarine sand, silt, and clay	Beach and dune sand	Undifferentiated alluvium	Stream terrace	Alluvial fan	Fine-grained alluvial fan and basin	Alluvial fan levee
Historical <150 yrs	Qaf	Qsc	Qes	Qbs	Qa	Qst	Qaf	Qab	Qal
Latest Holocene <1,000 yrs	Qaf	Qsc	Qes	Qbs	Qa	Qst	Qaf	Qab	Qal
Holocene <11,800 yrs	Qaf	Qsc	Qes	Qbs	Qa	Qst	Qaf	Qab	Qal
Latest Pleistocene 11.8-30 ka	Qaf	Qsc	Qes	Qbs	Qa	Qst	Qaf	Qab	Qal
Early to late Pleistocene 30 ka-1.8 Ma	Qaf	Qsc	Qes	Qbs	Qa	Qst	Qaf	Qab	Qal
pre-Quaternary >1.8 Ma	Qaf	Qsc	Qes	Qbs	Qa	Qst	Qaf	Qab	Qal

LIQUEFACTION SUSCEPTIBILITY



Lines

Contact, dashed where location uncertainty is greater than about +/- 100 m.



Index map showing relation of central area to 9-county region. This map supercedes the equivalent area of Knudsen and others (2000); that report remains the current source for the remainder of the 9-county region.



Scale : 1:200,000



Map Projection: UTM zone 10
Datum: NAD27

MAPS OF QUATERNARY DEPOSITS AND LIQUEFACTION SUSCEPTIBILITY IN THE CENTRAL SAN FRANCISCO BAY REGION, CALIFORNIA

LIQUEFACTION SUSCEPTIBILITY

geology by

Robert C. Witter, Keith L. Knudsen, Janet M. Sowers, Carl M. Wentworth, Richard D. Koehler, and Carolyn E. Randolph

digital database by

Carl M. Wentworth, Suzanna K. Brooks, and Kathleen D. Gans

2006

