



EXPLANATION

- Q_m Estuarine mud (bay mud and artificial fill/bay mud)
- Q_{al} All alluvial deposits, beach and dune sand, marine terrace deposits, undifferentiated Quaternary sediments in S.F., and Merritt sand
- Q_c Colma Formation
- Q_{ts} Quaternary-Tertiary marine and continental sediments. Includes Santa Clara Formation, Merced Formation, Irvington gravels, Livermore gravels
- T Mostly Tertiary sedimentary rocks and Mesozoic sedimentary rocks; consists of all bedrock units except Franciscan Formation, Montara Granodiorite, and Ben Lomand Granodiorite
- gd Ben Lomand Granodiorite
- Kgr Montara Mtn. Granodiorite
- KJf Franciscan Formation
- R Reservoirs and lakes
- --- Major faults
- \bullet Recording Site Locations
- \blacktriangle Horizontal Amplification

AVERAGE HORIZONTAL ANALOG AMPLIFICATIONS
ON GENERALIZED GEOLOGIC MAP

Data sources:
Base map: San Francisco Bay Region, Sheet 3, 1:125,000
Alluvial units: Preliminary copy of Quaternary deposits by Helley-Burke-Lajoie
Bedrock units: Compilation of bedrock units by Earl Brabb (unpublished)
Geology compiled and modified from above sources by Lajoie 3-12-74