

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
UNIVERSITY OF CALIFORNIA AGRICULTURAL EXPERIMENT STATION

# GENERAL SOIL MAP CONTRA COSTA COUNTY, CALIFORNIA

Scale 1:253,440  
1 0 1 2 3 4 Miles

## SOIL ASSOCIATIONS\*

NEARLY LEVEL TO STRONGLY SLOPING, SOMEWHAT EXCESSIVELY DRAINED TO VERY POORLY DRAINED SOILS ON VALLEY FILL, BASINS, LOW TERRACES, FLOOD PLAINS, AND ALLUVIAL FANS

- 1 Brentwood-Rincon-Zamora association: Nearly level to gently sloping, well-drained clay loams and silty clay loams on valley fill, alluvial fans, and low terraces
- 2 Capay-Sycamore-Brentwood association: Nearly level, moderately well drained, poorly drained, and well drained clays, silty clay loams, and clay loams on valley fill and flood plains
- 3 Capay-Rincon association: Nearly level to strongly sloping, moderately well drained and well drained clays and clay loams on valley fill
- 4 Delhi association: Gently sloping and moderately sloping, somewhat excessively drained sands in the valleys
- 5 Clear Lake-Cropley association: Nearly level to gently sloping, poorly drained and moderately well drained clays on valley fill and in coastal valley basins
- 6 Marcuse-Solano-Pescadero association: Nearly level, very poorly drained to somewhat poorly drained clays, loams, and clay loams on rims of basins

NEARLY LEVEL, POORLY DRAINED AND VERY POORLY DRAINED SOILS ON THE DELTA, FLOOD PLAINS, AND SALTWATER MARSHES AND TIDAL FLATS

- 7 Rindge-Kingile association: Nearly level, very poorly drained mucks on the delta
- 8 Sacramento-Omni association: Nearly level, poorly drained and very poorly drained clays and clay loams on the delta and on flood plains
- 9 Joice-Reyes association: Nearly level, very poorly drained, saline mucks and silty clays on saltwater marshes and tidal flats

NEARLY LEVEL TO VERY STEEP, MODERATELY WELL DRAINED TO EXCESSIVELY DRAINED SOILS ON TERRACES AND MOUNTAINOUS UPLANDS

- 10 Tierra-Antioch-Perkins association: Nearly level to moderately steep, moderately well drained and well drained loams and clay loams that formed in old alluvium on terraces
- 11 Altamont-Diablo-Fontana association: Strongly sloping to very steep, well-drained clays and silty clay loams that formed in material weathered from soft, fine-grained sandstone and shale on uplands
- 12 Los Osos-Millsholm-Los Gatos association: Moderately steep to very steep, well-drained clay loams and loams that formed in material weathered from interbedded sedimentary rock on uplands
- 13 Gilroy-Vallecitos association: Moderately steep to very steep, well-drained clay loams and loams that formed in material weathered from basic igneous rock and metasedimentary rock on uplands
- 14 Rock outcrop-Xerorthent association: Steep to very steep areas of rock outcrop and excessively drained, very shallow, loamy soils that formed in material weathered from sedimentary rock and basic igneous rock on uplands

\*Unless otherwise stated, the terms for texture used in the description of the association apply to the surface layer of the major soils.

Compiled 1976

SECTIONALIZED TOWNSHIP					
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36



Each area outlined on this map consists of more than one kind of soil. The map is thus meant for general planning rather than a basis for decisions on the use of specific tracts.