


## MAP LEGEND







### Area of Interest (AOI)

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### Soils



 Soil Map Units

### Soil Ratings



 0 - 5  
 5 - 15  
 15 - 30  
 30 - 45  
 45 - 60  
 Not rated or not available

### Political Features

#### Municipalities

 Cities  
 Urban Areas






### Water Features

 Oceans  
 Streams and Canals

### Transportation

 Rails

### Roads

 Interstate Highways  
 US Routes  
 State Highways  
 Local Roads  
 Other Roads

## MAP INFORMATION

Original soil survey map sheets were prepared at publication scale. Viewing scale and printing scale, however, may vary from the original. Please rely on the bar scale on each map sheet for proper map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
 Coordinate System: UTM Zone 10N

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Sonoma County, California  
 Survey Area Data: Version 4, Dec 12, 2007

Date(s) aerial images were photographed: 7/10/1993

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Representative Slope

Representative Slope— Summary by Map Unit — Sonoma County, California				
Map unit symbol	Map unit name	Rating (percent)	Acres in AOI	Percent of AOI
AdA	ALLUVIAL LAND, SANDY	3.0	145.2	1.5%
AeA	ALLUVIAL LAND, CLAYEY	1.0	85.8	0.9%
CcA	CLEAR LAKE CLAY LOAM, 0 TO 2 PERCENT SLOPES	1.0	630.0	6.4%
CcB	CLEAR LAKE CLAY LOAM, 2 TO 5 PERCENT SLOPES	4.0	219.7	2.2%
CeA	CLEAR LAKE CLAY, 0 TO 2 PERCENT SLOPES	1.0	2,941.2	30.0%
CeB	CLEAR LAKE CLAY, 2 TO 5 PERCENT SLOPES	4.0	13.5	0.1%
CfA	CLEAR LAKE CLAY, PONDED, 0 TO 2 PERCENT SLOPES	1.0	463.3	4.7%
CtC	COTATI FINE SANDY LOAM, 2 TO 9 PERCENT SLOPES	6.0	13.4	0.1%
CtD	COTATI FINE SANDY LOAM, 9 TO 15 PERCENT SLOPES	12.0	29.5	0.3%
DbC	DIABLO CLAY, 2 TO 9 PERCENT SLOPES	6.0	137.4	1.4%
DbD	DIABLO CLAY, 9 TO 15 PERCENT SLOPES	12.0	100.7	1.0%
DbE	DIABLO CLAY, 15 TO 30 PERCENT SLOPES	23.0	45.3	0.5%
DbE2	DIABLO CLAY, 15 TO 30 PERCENT SLOPES, ERODED	23.0	61.7	0.6%
DbF	DIABLO CLAY, 30 TO 50 PERCENT SLOPES	40.0	68.1	0.7%
GdD	GOLDRIDGE FINE SANDY LOAM, 9 TO 15 PERCENT SLOPES	12.0	21.3	0.2%
GgD	GOULDING CLAY LOAM, 5 TO 15 PERCENT SLOPES	10.0	158.6	1.6%
GgE	GOULDING CLAY LOAM, 15 TO 30 PERCENT SLOPES	23.0	13.8	0.1%

Representative Slope— Summary by Map Unit — Sonoma County, California				
Map unit symbol	Map unit name	Rating (percent)	Acres in AOI	Percent of AOI
GgF	GOULDING CLAY LOAM, 30 TO 50 PERCENT SLOPES	40.0	260.7	2.7%
GID	GOULDING COBBLY CLAY LOAM, 5 TO 15 PERCENT SLOPES	10.0	200.5	2.0%
GIE	GOULDING COBBLY CLAY LOAM, 15 TO 30 PERCENT SLOPES	23.0	261.9	2.7%
GIF	GOULDING COBBLY CLAY LOAM, 30 TO 50 PERCENT SLOPES	40.0	403.7	4.1%
GIG	GOULDING COBBLY CLAY LOAM, 50 TO 75 PERCENT SLOPES	63.0	9.3	0.1%
GoF	GOULDING-TOOMES COMPLEX, 9 TO 50 PERCENT SLOPES	30.0	1,777.9	18.1%
HaB	HAIRE FINE SANDY LOAM, HUMMOCKY, 0 TO 5 PERCENT SLOPES	3.0	123.0	1.3%
KeE	KIDD STONY LOAM, 2 TO 30 PERCENT SLOPES	16.0	41.7	0.4%
RaC	RAYNOR CLAY, 2 TO 9 PERCENT SLOPES	6.0	325.7	3.3%
RaD	RAYNOR CLAY, 9 TO 15 PERCENT SLOPES	12.0	257.8	2.6%
RaE	RAYNOR CLAY, 15 TO 30 PERCENT SLOPES	23.0	287.5	2.9%
RcD	RAYNOR CLAY, SEEPED, 2 TO 15 PERCENT SLOPES	9.0	167.8	1.7%
RnA	RIVERWASH	1.0	95.5	1.0%
SkC	SPRECKELS LOAM, 2 TO 9 PERCENT SLOPES	6.0	45.5	0.5%
SkD	SPRECKELS LOAM, 9 TO 15 PERCENT SLOPES	12.0	62.4	0.6%
SkE	SPRECKELS LOAM, 15 TO 30 PERCENT SLOPES	23.0	54.2	0.6%
SkE2	SPRECKELS LOAM, 15 TO 30 PERCENT SLOPES, ERODED	23.0	22.6	0.2%

Representative Slope— Summary by Map Unit — Sonoma County, California				
Map unit symbol	Map unit name	Rating (percent)	Acres in AOI	Percent of AOI
SnF	STEINBECK LOAM, 30 TO 50 PERCENT SLOPES	40.0	5.7	0.1%
SoF	STONYFORD GRAVELLY LOAM, 30 TO 50 PERCENT SLOPES	40.0	14.7	0.2%
ToE	TOOMES ROCKY LOAM, 2 TO 30 PERCENT SLOPES	16.0	124.4	1.3%
ToG	TOOMES ROCKY LOAM, 30 TO 75 PERCENT SLOPES	53.0	47.4	0.5%
W	WATER		13.3	0.1%
ZaA	ZAMORA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1.0	45.0	0.5%
Totals for Area of Interest (AOI)			9,796.7	100.0%

## Description

Slope gradient is the difference in elevation between two points, expressed as a percentage of the distance between those points.

The slope gradient is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

## Rating Options

*Units of Measure:* percent

*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Higher

*Interpret Nulls as Zero:* No