

RUSLE2 Related Attributes

This report summarizes those soil attributes used by the Revised Universal Soil Loss Equation Version 2 (RUSLE2) for the map units in the selected area. The report includes the map unit symbol, the component name, and the percent of the component in the map unit. Soil property data for each map unit component include the hydrologic soil group, erosion factors Kf for the surface horizon, erosion factor T, and the representative percentage of sand, silt, and clay in the surface horizon.

Report—RUSLE2 Related Attributes

RUSLE2 Related Attributes— Sonoma County, California							
Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
AdA—ALLUVIAL LAND, SANDY							
Alluvial land	85	A	.17	5	93.6	1.4	5.0
AeA—ALLUVIAL LAND, CLAYEY							
Alluvial land	85	C	.24	5	33.3	31.7	35.0
CcA—CLEAR LAKE CLAY LOAM, 0 TO 2 PERCENT SLOPES							
Clear lake	85	D	.28	5	31.5	31.0	37.5
CcB—CLEAR LAKE CLAY LOAM, 2 TO 5 PERCENT SLOPES							
Clear lake	85	D	.28	5	31.5	31.0	37.5
CeA—CLEAR LAKE CLAY, 0 TO 2 PERCENT SLOPES							
Clear lake	85	D	.24	5	22.1	27.9	50.0
CeB—CLEAR LAKE CLAY, 2 TO 5 PERCENT SLOPES							
Clear lake	85	D	.24	5	22.1	27.9	50.0
CfA—CLEAR LAKE CLAY, PONDED, 0 TO 2 PERCENT SLOPES							
Clear lake	85	D	.24	5	22.1	27.9	50.0
CtC—COTATI FINE SANDY LOAM, 2 TO 9 PERCENT SLOPES							
Cotati	85	D	.32	4	68.8	16.2	15.0
CtD—COTATI FINE SANDY LOAM, 9 TO 15 PERCENT SLOPES							
Cotati	85	C	.32	4	68.8	16.2	15.0
DbC—DIABLO CLAY, 2 TO 9 PERCENT SLOPES							
Diablo	85	D	.24	4	22.1	27.9	50.0

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
DbD—DIABLO CLAY, 9 TO 15 PERCENT SLOPES							
Diablo	85	D	.24	4	22.1	27.9	50.0
DbE—DIABLO CLAY, 15 TO 30 PERCENT SLOPES							
Diablo	85	D	.24	3	22.1	27.9	50.0
DbE2—DIABLO CLAY, 15 TO 30 PERCENT SLOPES, ERODED							
Diablo	85	D	.24	3	22.1	27.9	50.0
DbF—DIABLO CLAY, 30 TO 50 PERCENT SLOPES							
Diablo	85	D	.24	3	22.1	27.9	50.0
GdD—GOLDRIDGE FINE SANDY LOAM, 9 TO 15 PERCENT SLOPES							
Goldridge	85	B	.28	5	68.8	16.2	15.0
GgD—GOULDING CLAY LOAM, 5 TO 15 PERCENT SLOPES							
Goulding	85	D	.37	1	34.2	37.3	28.5
GgE—GOULDING CLAY LOAM, 15 TO 30 PERCENT SLOPES							
Goulding	85	D	.37	1	34.2	37.3	28.5
GgF—GOULDING CLAY LOAM, 30 TO 50 PERCENT SLOPES							
Goulding	85	D	.37	1	34.2	37.3	28.5
GID—GOULDING COBBLY CLAY LOAM, 5 TO 15 PERCENT SLOPES							
Goulding	85	D	.37	1	34.2	37.3	28.5
GIE—GOULDING COBBLY CLAY LOAM, 15 TO 30 PERCENT SLOPES							
Goulding	85	D	.37	1	34.2	37.3	28.5
GIF—GOULDING COBBLY CLAY LOAM, 30 TO 50 PERCENT SLOPES							
Goulding	85	D	.37	1	34.2	37.3	28.5
GIG—GOULDING COBBLY CLAY LOAM, 50 TO 75 PERCENT SLOPES							
Goulding	85	D	.37	1	34.2	37.3	28.5
GoF—GOULDING-TOOMES COMPLEX, 9 TO 50 PERCENT SLOPES							
Goulding	45	D	.37	1	34.2	37.3	28.5

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
HaB—HAIRE FINE SANDY LOAM, HUMMOCKY, 0 TO 5 PERCENT SLOPES							
Haire	85	C	.32	4	68.8	16.2	15.0
KeE—KIDD STONY LOAM, 2 TO 30 PERCENT SLOPES							
Kidd	85	D	.37	1	38.0	43.5	18.5
RaC—RAYNOR CLAY, 2 TO 9 PERCENT SLOPES							
Raynor	85	D	.24	3	22.1	27.9	50.0
RaD—RAYNOR CLAY, 9 TO 15 PERCENT SLOPES							
Raynor	85	D	.24	2	22.1	27.9	50.0
RaE—RAYNOR CLAY, 15 TO 30 PERCENT SLOPES							
Raynor	85	D	.24	2	22.1	27.9	50.0
RcD—RAYNOR CLAY, SEEPED, 2 TO 15 PERCENT SLOPES							
Raynor	85	D	.24	3	22.1	27.9	50.0
RnA—RIVERWASH							
Riverwash	85	D	.05	—	97.9	1.6	0.5
SkC—SPRECKELS LOAM, 2 TO 9 PERCENT SLOPES							
Spreckels	85	C	.37	5	41.6	37.4	21.0
SkD—SPRECKELS LOAM, 9 TO 15 PERCENT SLOPES							
Spreckels	85	C	.37	5	41.6	37.4	21.0
SkE—SPRECKELS LOAM, 15 TO 30 PERCENT SLOPES							
Spreckels	85	C	.37	5	41.6	37.4	21.0
SkE2—SPRECKELS LOAM, 15 TO 30 PERCENT SLOPES, ERODED							
Spreckels	85	C	.37	5	41.6	37.4	21.0
SnF—STEINBECK LOAM, 30 TO 50 PERCENT SLOPES							
Steinbeck	85	B	.32	3	42.1	37.9	20.0
SoF—STONYFORD GRAVELLY LOAM, 30 TO 50 PERCENT SLOPES							
Stonyford	85	D	.37	1	39.2	37.3	23.5
ToE—TOOMES ROCKY LOAM, 2 TO 30 PERCENT SLOPES							
Toomes	85	D	.37	1	39.2	37.3	23.5

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
ToG—TOOMES ROCKY LOAM, 30 TO 75 PERCENT SLOPES							
Toomes	75	D	.37	1	39.2	37.3	23.5
W—WATER							
Water	100	—	—	—	—	—	—
ZaA—ZAMORA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES							
Zamora	85	B	.37	5	7.0	64.5	28.5

Data Source Information

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