

APPENDIX 6.4-A – WATER PICKUP STATION SOIL MAPS

Table 6.4-A2 – Summary of Soil Properties at the Reclaim Water Pickup Station

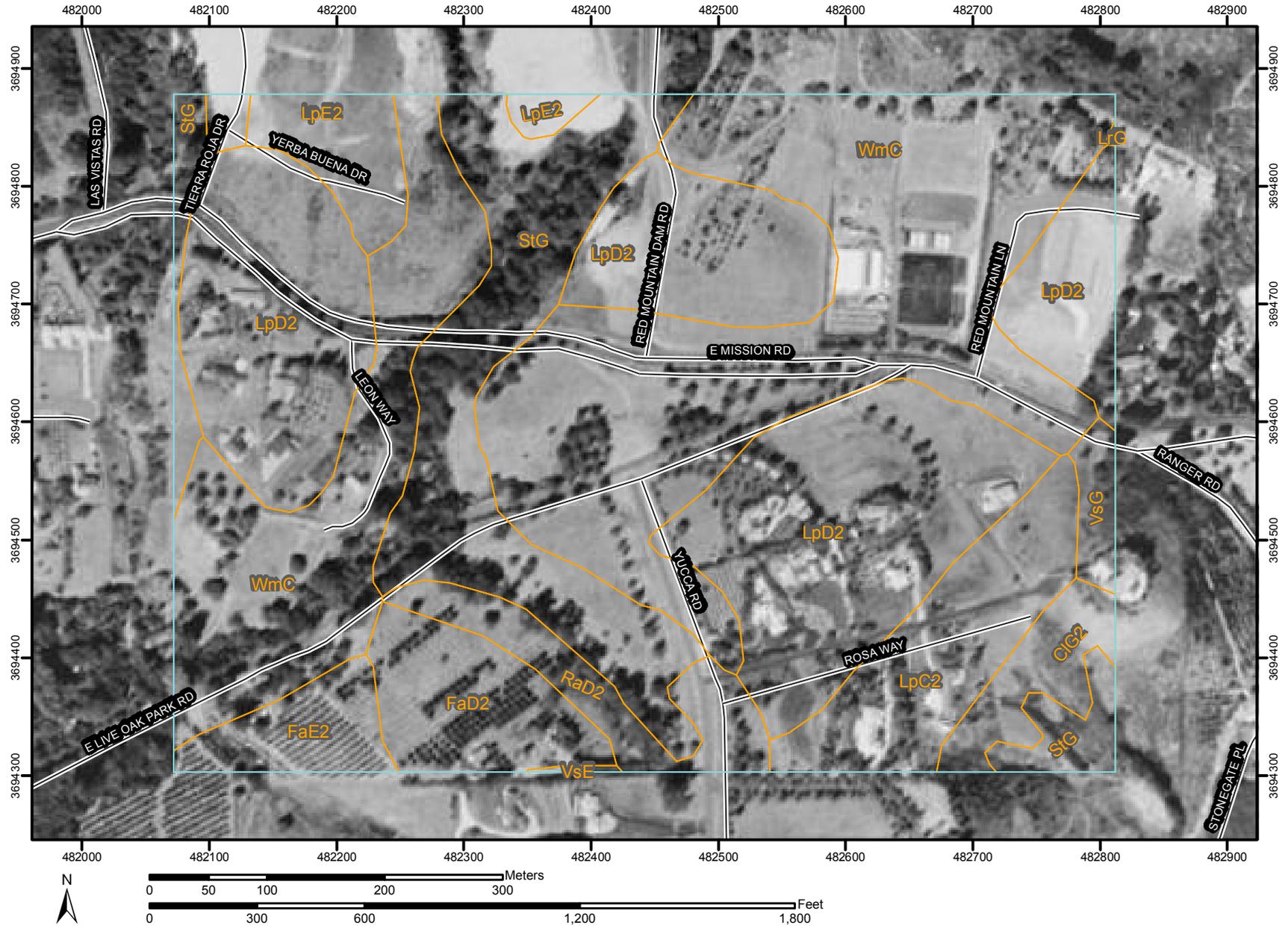
MAP SYMBOL ¹	SOIL NAME	% SLOPE	DEPTH (inches)	USDA TEXTURE	USCS CLASSIFICATION	EROSION FACTORS ²		PERMEABILITY	DRAINAGE	EROSION HAZARD RATING	LAND CAPABILITY ³
						K	T				
VsC	Vista Coarse Sandy Loam	5-9	0-19	Coarse Sandy Loam and Sandy loam	SM/SC	.24	3	Moderately Rapid	Well Drained	Slight to Moderate	IIIe-1 (19)
			19-35			.28					
			35-39			--					
FaB	Fallbrook Sandy Loam	2-5	0-6	Sandy Loam	SM	.20	4	Moderate	Well Drained	Slight	IIe-1 (19)
			6-12	Sandy Loam	SM	.28					
			12-28	Sandy Clay Loam and Loam	CL	.20					
			28-47	Sandy Clay Loam	CL	.28					
			47-51	Weathered Granite	--	--					
CID2	Cieneba Coarse Sandy Loam	5-15	0-10	Coarse Sandy Loam	MS	.20	2	Rapid	Excessively Drained	Slight to Moderate	Vie-1 (19)
			10-14			--					

1 Map symbols refer to Figure 6.4-A.1.

2 K is a measure of relative susceptibility to sheet and rill erosion by water. It ranges from 0.02 to 0.69, with lower values representing a lower susceptibility to erosion. T represents soil loss tolerance, defined as the maximum amount of erosion at which the quality of the soil as a medium for plant growth can be maintained. Values range from 1 to 5 (tons per acre per year), with 5 representing soils less sensitive to degradation.

3 An indication of the suitability of soils for most kinds of field crops. Capability classes are I through VIII. Subclasses are letters e, w, s, or c. Units are 0 through 9.

Figure 6.4-A2
Soil Unit Location Map for the Fresh Water Pickup Station



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Units

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot

-  Very Stony Spot
-  Wet Spot
-  Other

Special Line Features

-  Gully
-  Short Steep Slope
-  Other

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 11N

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

Soil Survey Area: San Diego County Area, California
 Survey Area Data: Version 6, Dec 17, 2007

Date(s) aerial images were photographed: 6/1/1994

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.

Map Unit Legend

San Diego County Area, California (CA638)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CIG2	Cieneba coarse sandy loam, 30 to 65 percent slopes, eroded	2.6	2.3%
FaD2	Fallbrook sandy loam, 9 to 15 percent slopes, eroded	4.8	4.2%
FaE2	Fallbrook sandy loam, 15 to 30 percent slopes, eroded	2.7	2.4%
LpC2	Las Posas fine sandy loam, 5 to 9 percent slopes, eroded	6.7	5.9%
LpD2	Las Posas fine sandy loam, 9 to 15 percent slopes, eroded	32.1	28.3%
LpE2	Las Posas fine sandy loam, 15 to 30 percent slopes, eroded	3.2	2.9%
LrG	Las Posas stony fine sandy loam, 30 to 65 percent slopes	0.0	0.0%
RaD2	Ramona sandy loam, 9 to 15 percent slopes, eroded	3.7	3.3%
StG	Steep gullied land	15.8	13.8%
VsE	Vista coarse sandy loam, 15 to 30 percent slopes	0.1	0.1%
VsG	Vista coarse sandy loam, 30 to 65 percent slopes	1.1	1.0%
WmC	Wyman loam, 5 to 9 percent slopes	40.8	35.9%
Totals for Area of Interest (AOI)		113.8	100.0%