

# **APPENDIX F**

## **SOIL MAP LEGEND**

# Map Unit Legend

Fresno County, California, Western Part

Map symbol	Map unit name
101	Armona loam, partially drained, 0 to 1 percent slopes
107	Anela very gravelly sandy loam, 0 to 2 percent slopes
115	Bolfar loam, drained, 0 to 1 percent slopes
120	Altaslough clay loam, 0 to 1 percent slopes
130	Gepford clay, 0 to 1 percent slopes
282	Tachi clay, 0 to 1 percent slopes
284	Lillis clay, 0 to 1 percent slopes
285	Tranquillity-Tranquillity, wet, complex, saline-sodic, 0 to 1 percent slopes
286	Tranquillity clay, saline-sodic, wet, 0 to 1 percent slopes
311	Bisgani sandy loam, drained, 0 to 1 percent slopes
320	Elnido sandy loam, drained, 0 to 1 percent slopes
325	Palazzo sandy loam, drained, 0 to 1 percent slopes
375	Lethent silt loam, 0 to 1 percent slopes
376	Agnal silty clay, 0 to 1 percent slopes
404	Milham-Guijarral association, 5 to 15 percent slopes
405	Polvadero-Guijarral complex, 5 to 15 percent slopes
406	Guijarral sandy loam, 2 to 5 percent slopes
412	Yribarren clay loam, 0 to 2 percent slopes
414	Dospalos clay loam, drained, 0 to 1 percent slopes
415	Dospalos clay, drained, 0 to 1 percent slopes
425	Kimberlina sandy loam, 0 to 2 percent slopes
426	Kimberlina sandy loam, 2 to 5 percent slopes
434	Lethent clay loam, wet, 0 to 1 percent slopes
435	Lethent clay loam, 0 to 1 percent slopes
436	Panoche loam, 0 to 2 percent slopes
437	Panoche sandy loam, 0 to 2 percent slopes
438	Panoche loam, 2 to 5 percent slopes
442	Panoche clay loam, 0 to 2 percent slopes
445	Excelsior sandy loam, 0 to 2 percent slopes
447	Excelsior sandy loam, sandy substratum, 0 to 2 percent slopes
448	Excelsior loamy sand, sandy substratum, 0 to 1 percent slopes, eroded
451	Milham sandy loam, 0 to 2 percent slopes
452	Milham sandy loam, 2 to 5 percent slopes
453	Milham sandy loam, 5 to 9 percent slopes
454	Polvadero sandy loam, 0 to 2 percent slopes
455	Polvadero sandy loam, 2 to 5 percent slopes
459	Ciervo clay, 0 to 2 percent slopes
461	Ciervo clay, saline-sodic, wet, 0 to 1 percent slopes
462	Ciervo, wet-Ciervo complex, saline-sodic, 0 to 1 percent slopes
466	Paver clay loam, 0 to 2 percent slopes
468	Deldota clay, partially drained, 0 to 1 percent slopes
470	Chateau clay, partially drained, 0 to 1 percent slopes
472	Wekoda clay, partially drained, 0 to 1 percent slopes
474	Westhaven loam, 0 to 2 percent slopes
475	Posochanet clay loam, saline-sodic, wet, 0 to 1 percent slopes
476	Posochanet clay loam, saline-sodic, 0 to 2 percent slopes
477	Westhaven clay loam, 0 to 2 percent slopes
478	Cerini sandy loam, 0 to 2 percent slopes
479	Cerini clay loam, 0 to 2 percent slopes
480	Cafflax clay loam, saline-sodic, 0 to 2 percent slopes

# Map Unit Legend

Fresno County, California, Western Part

Map symbol	Map unit name
481	Cerini clay loam, 2 to 5 percent slopes
482	Calflax clay loam, saline-sodic, wet, 0 to 1 percent slopes
488	Wasco sandy loam, 0 to 2 percent slopes
489	Wasco sandy loam, 2 to 5 percent slopes
490	Cerini sandy loam, subsided, 0 to 5 percent slopes
491	Cerini clay loam, subsided, 0 to 5 percent slopes
492	Panoche loam, subsided, 0 to 5 percent slopes
493	Panoche clay loam, subsided, 0 to 5 percent slopes
587	Mugatu fine sandy loam, 0 to 5 percent slopes
588	Mugatu fine sandy loam, 5 to 30 percent slopes
590	Cerini-Anela-Fluvaquents, saline-Sodic, association, 0 to 2 percent slopes
620	Delgado sandy loam, 5 to 15 percent slopes, eroded
621	Delgado sandy loam, 15 to 30 percent slopes, eroded
640	Kettleman-Delgado-Mercey association, 5 to 15 percent slopes, eroded
641	Mercey-Delgado-Kettleman association, 5 to 15 percent slopes
642	Mercey-Delgado-Kettleman association, 15 to 30 percent slopes, eroded
643	Mercey-Delgado-Kettleman association, 15 to 30 percent slopes
644	Mercey-Kettleman-Delgado complex, 30 to 50 percent slopes, eroded
645	Delgado-Mercey-Kettleman association, 30 to 50 percent slopes
670	Badland-Kettleman-Mercey association, 15 to 50 percent slopes
680	Arburua-Morenogulch association, 15 to 80 percent slopes
704	Franciscan gravelly sandy loam, 30 to 50 percent slopes
705	Roacha silty clay loam, 30 to 50 percent slopes
706	Sagaser loam, 50 to 75 percent slopes
709	Sagaser-Gaviota-Borreguero association, 50 to 75 percent slopes
710	Monoridge-Exclose-Badland association, 30 to 65 percent slopes
711	Currymountain-Wisflat-Borreguero association, 30 to 75 percent slopes
712	Altamont-Roacha-Borreguero association, 15 to 50 percent slopes
713	Currymountain-Rock outcrop-Quinto association, 50 to 75 percent slopes
714	Gaviota-Borreguero-Rock outcrop complex, 40 to 75 percent slopes
715	Belgarra-Wisflat association, 8 to 50 percent slopes
717	Belgarra-Arburua-Morenogulch association, 15 to 65 percent slopes
718	Nodhill-Wisflat-Rock outcrop complex, 15 to 50 percent slopes
719	Nodhill-Arburua-Wisflat association, 15 to 65 percent slopes
720	Exclose-Wisflat-Morenogulch association, 30 to 65 percent slopes
722	Exclose-Wisflat-Rock outcrop association, 30 to 65 percent slopes
723	Exclose-Wisflat-Grazer association, 15 to 65 percent slopes
725	Gewter clay, 15 to 30 percent slopes
727	Reliz-Gewter-Rock outcrop association, 25 to 75 percent slopes
728	Climara clay, 15 to 50 percent slopes
733	Hentine-Climara association, 15 to 50 percent slopes
735	Getrail-Vernado-Rock outcrop association, 15 to 65 percent slopes
737	Grazer-Badland-Wisflat association, 15 to 75 percent slopes
738	Grazer-Belgarra-Arburua association, 8 to 50 percent slopes
739	Domengine-Wisflat-Rock outcrop association 30 to 65 percent slopes
740	Domengine-Lilten-Rock outcrop complex, 30 to 65 percent slopes
741	Anela-vernalis association, 0 to 5 percent slopes
742	Millsholm-Wisflat-Lilten association, 30 to 65 percent slopes
743	Millsholm-borreguero complex, 30 to 65 percent slopes
744	Lilten-Millsholm association, 30 to 65 percent slopes

# Map Unit Legend

Fresno County, California, Western Part

Map symbol	Map unit name
745	Grazer-Wisflat-Arburua association, 8 to 50 percent slopes
746	Rock outcrop-Wisflat-Arburua complex, 50 to 65 percent slopes
747	Lilten-Grazer-Arburua association, 15 to 65 percent slopes
748	Vaquero-Grazer association, 15 to 65 percent slopes
749	Grazer-Wisflat-Exclose association, 30 to 65 percent slopes
750	Monvero-Monoridge association, 15 to 50 percent slopes
752	Cyvar-Nodhill complex, 5 to 15 percent slopes
753	Cyvar-Nodhill-Pits, gypsiferous, complex, 5 to 15 percent slopes
755	Borreguero-Grazer-Rock outcrop association, 15 to 65 percent slopes
757	Rock outcrop-Borreguero complex, 30 to 65 percent slopes
758	Wisflat-Borreguero-Rock outcrop complex, 50 to 70 percent slopes
761	Atravesada gravelly sandy loam, 30 to 70 percent slopes
765	ATRAVESADA-PITS, ASBESTOS COMPLEX, 2 TO 30 PERCENT SLOPES
767	ATRAVESADA-PITS, ASBESTOS COMPLEX, 30 TO 65 PERCENT SLOPES
769	Dumps-Pits, complex, asbestos, 2 to 30 percent slopes
770	Roacha-Millsholm-Lilten association, 30 to 65 percent slopes
773	Hentine-Rock outcrop complex, 30 to 65 percent slopes
774	Hentine-Franciscan-Rock outcrop complex, 30 to 65 percent slopes
782	Vaquero-Altamont complex, 15 to 50 percent slopes
783	Vaquero-Altamont complex, 50 to 75 percent slopes
817	Arburua loam, 2 to 8 percent slopes
818	Arburua loam, 8 to 15 percent slopes
819	Arburua loam, 15 to 30 percent slopes
820	Arburua loam, 30 to 50 percent slopes
822	Altamont clay, 5 to 8 percent slopes
823	Ayar clay, 5 to 8 percent slopes
827	Ayar-Arburua complex, 8 to 15 percent slopes
834	Bapos clay loam, 2 to 8 percent slopes
835	Pedcat loam, 0 to 2 percent slopes, eroded
842	Quinto-Millsholm-Rock outcrop complex, 40 to 75 percent slopes
847	Carranza gravelly sandy loam, 2 to 8 percent slopes
849	Chaqua loam, 2 to 8 percent slopes
851	Los Banos clay loam, 0 to 2 percent slopes
852	Los Banos clay loam, 2 to 8 percent slopes
853	Los Banos-Pleito complex, 2 to 8 percent slopes
855	Pleito gravelly clay loam, 15 to 30 percent slopes
863	Vernalis loam, 0 to 2 percent slopes
865	Conosta clay loam, 2 to 8 percent slopes
870	Wisflat-Rock outcrop-Arburua complex, 15 to 30 percent slopes
871	Wisflat-Rock outcrop-Arburua complex, 30 to 50 percent slopes
872	Vernalis loam, 2 to 5 percent slopes
873	Narbaitz-Pleito association, 5 to 30 percent slopes
940	Milham-Polvadero complex, organic surface, 0 to 5 percent slopes
941	Bisgani-Elnido association, 0 to 1 percent slopes
950	Pits, gravel
960	Excelsior, sandy substratum-westhaven association, flooded, 0 to 2 percent slopes
980	Urbanland
981	Sewage disposal pond
982	Water

# Map Unit Legend

Madera Area, California

Map symbol	Map unit name
AaC	Ahwahnee and Auberry coarse sandy loams, 8 to 15 percent slopes
AaD	Ahwahnee and Auberry coarse sandy loams, 15 to 30 percent slope
AbB	Ahwahnee and Auberry rocky coarse sandy loams, 3 to 8 percent slopes
AbD	Ahwahnee and Auberry rocky coarse sandy loams, 8 to 30 percent slopes
AbE	Ahwahnee and Auberry rocky coarse sandy loams, 30 to 45 percent slopes
AcD	Ahwahnee and auberry very rocky coarse sandy loams, 15 to 30 percent slopes
AcF	Ahwahnee and auberry very rocky coarse sandy loams, 30 to 75 percent slopes
AdB	Ahwahnee and Vista coarse sandy loams, 3 to 8 percent slopes
AdC	Ahwahnee and Vista coarse sandy loams, 8 to 15 percent slopes
AdD	Ahwahnee and Vista coarse sandy loams, 15 to 30 percent slopes
AeB	Ahwahnee and Vista rocky coarse sandy loams, 3 to 8 percent slopes
AeD	Ahwahnee and Vista rocky coarse sandy loams, 8 to 30 percent slopes
AeE	Ahwahnee and Vista rocky coarse sandy loams, 30 to 45 percent slopes
ArD	Ahwahnee and Vista very rocky coarse sandy loams, 15 to 30 percent slopes
ArF	Ahwahnee and Vista very rocky coarse sandy loams, 30 to 75 percent slopes
AsA	Alamo clay, 0 to 1 percent slopes
AtA	Atwater loamy sand, 0 to 3 percent slopes
AtB	Atwater loamy sand, 3 to 8 percent slopes
AwA	Atwater loamy sand, moderately deep and deep over hardpan, 0 to 3 percent slopes
AwB	Atwater loamy sand, moderately deep and very deep over hardpan, 3 to 8 percent slopes
BeA	Bear Creek loam, 0 to 3 percent slopes
BfA	Borden fine sandy loam, 0 to 1 percent slopes
BkA	Borden fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
BmA	Borden loam, 0 to 1 percent slopes
BoA	Borden loam, slightly saline-alkali, 0 to 1 percent slopes
BuA	Buchenau fine sandy loam, 0 to 3 percent slopes
BvA	Buchenau fine sandy loam, slightly saline-alkali, 0 to 3 percent slopes
ByA	Buchenau fine sandy loam, strongly saline-alkali, 0 to 3 percent slopes
BzA	Buchenau loam, 0 to 3 percent slopes
CaA	Cajon loamy sand, 0 to 1 percent slopes
CaaA	Cajon loamy sand, slightly saline-alkali, 0 to 1 percent slopes
CabA	Cajon loamy sand, moderately saline-alkali, 0 to 1 percent slopes
CacA	Cajon loamy sand, strongly saline-alkali, 0 to 1 percent slopes
CbaB	Calhi loamy sand, slightly alkali, 0 to 8 percent slopes
CbbB	Calhi loamy sand, moderately alkali, 0 to 8 percent slopes
CcaA	Calhi loamy sand, moderately deep and deep over silt, slightly saline-alkali, 0 to 3 percent slopes
CcaB	Calhi loamy sand, moderately deep and deep over silt, slightly saline-alkali, 3 to 8 percent slopes
CcbA	Calhi loamy sand, moderately deep and deep over silt, moderatel saline-alkali, 0 to 3 percent slopes
CcbB	Calhi loamy sand, moderately deep and deep over silt, moderatel saline-alkali, 3 to 8 percent slopes
CccA	Calhi loamy sand, moderately deep and deep over silt, strongly saline-alkali, 0 to 3 percent slopes
CdaA	Calhi loamy sand, shallow over hardpan variant, moderately saline-alkali, 0 to 1 percent slopes
CeA	Chino clay loam, 0 to 1 percent slopes
CeaA	Chino clay loam, slightly saline-alkali, 0 to 1 percent slopes
CebA	Chino clay loam, moderately saline-alkali, 0 to 1 percent slope
CfA	Chino fine sandy loam, 0 to 1 percent slopes
CfaA	Chino fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
CfbA	Chino fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
CgA	Chino loam, 0 to 1 percent slopes
CgaA	Chino loam, slightly saline-alkali, 0 to 1 percent slopes
CgbA	Chino loam, moderately saline-alkali, 0 to 1 percent slopes

# Map Unit Legend

Madera Area, California

Map symbol	Map unit name
CgcA	Chino loam, strongly saline-alkali, 0 to 1 percent slopes
ChD	Coarsegold loam, 8 to 30 percent slopes
ChF	Coarsegold loam, 45 to 75 percent slopes
CkD	Coarsegold rocky loam, 15 to 30 percent slopes
CkF	Coarsegold rocky loam, 30 to 75 percent slopes
CmA	Columbia fine sandy loam, 0 to 1 percent slopes
CmdA	Columbia fine sandy loam, moderately deep and deep over hardpan 0 to 1 percent slopes
CmtA	Columbia fine sandy loam, moderately deep and deep over temple soils, 0 to 1 percent slopes
CoA	Columbia loamy sand, 0 to 1 percent slopes
CotA	Columbia loamy sand, over temple soils, 0 to 1 percent slopes
CpA	Columbia sandy loam, 0 to 1 percent slopes
CpdA	Columbia sandy loam, moderately deep over sand, 0 to 1 percent slopes
CrB	Columbia soils, channeled, 0 to 8 percent slopes
CsB	Cometa gravelly sandy loam, 3 to 8 percent slopes
CtB	Cometa loam, 3 to 8 percent slopes
CuA	Cometa sandy loams, 0 to 3 percent slopes
CuB	Cometa sandy loams, 3 to 8 percent slopes
CuC	Cometa sandy loams, 8 to 15 percent slopes
CwB	Cometa-Whitney sandy loams, 3 to 8 percent slopes
CwC	Cometa-Whitney sandy loams, 8 to 15 percent slopes
CyA	Corning gravelly loam, 0 to 3 percent slopes
CyB	Corning gravelly loam, 3 to 8 percent slopes
DaB	Daulton fine sandy loam, 3 to 8 percent slopes
DaD	Daulton fine sandy loam, 8 to 30 percent slopes
DaE	Daulton fine sandy loam, 30 to 45 percent slopes
DAM	Dams
DbD	Daulton loam, 8 to 30 percent slopes
DcB	Daulton rocky fine sandy loam, 3 to 8 percent slopes
DcE	Daulton rocky fine sandy loam, 30 to 45 percent slopes
DeA	Delhi sand, 0 to 3 percent slopes
DeB	Delhi sand, 3 to 8 percent slopes
DfA	Delhi sand, moderately deep and deep over hardpan, 0 to 3 percent slopes
DmA	Dinuba fine sandy loam, 0 to 1 percent slopes
DoA	Dinuba loam, 0 to 1 percent slopes
DpA	Dinuba-El Peco fine sandy loams, slightly saline alkali, 0 to 1 percent slopes
DsA	Dinuba-El Peco fine sandy loams, moderately saline alkali, 0 to 1 percent slopes
DtA	Dinuba-El Peco loams, slightly saline alkali, 0 to 1 percent slopes
DuA	Dinuba-El Peco loams, moderately saline alkali, 0 to 1 percent slopes
EdA	El Peco-Dinuba fine sandy loams, strongly saline alkali, 0 to 1 percent slopes
FaA	Foster clay loam, 0 to 1 percent slopes
FaaA	Foster clay loam, slightly saline-alkali, 0 to 1 percent slopes
FabA	Foster clay loam, moderately saline-alkali, 0 to 1 percent slopes
FacA	Foster clay loam, strongly saline-alkali, 0 to 1 percent slopes
FbA	Foster loams, 0 to 1 percent slopes
FbaA	Foster loams, slightly saline-Alkali, 0 to 1 percent slopes
FbbA	Foster loams, moderately saline-Alkali, 0 to 1 percent slopes
FbcA	Foster loams, strongly saline-Alkali, 0 to 1 percent slopes
FbdA	Foster loams, sandy substratum, 0 to 1 percent slopes
FbeA	Foster loams, moderately deep and deep over temple soils, 0 to percent slopes
FcbA	Foster loams, moderately deep and deep over temple soils, moderately saline-Alkali, 0 to 1 percent slopes

# Map Unit Legend

Madera Area, California

Map symbol	Map unit name
FdcA	Foster-Chino loams, strongly saline alkali, 0 to 1 percent slopes
FeaA	Fresno and El Peco fine sandy loams, slightly saline-alkali, 0 to 1 percent slopes
FebA	Fresno and El Peco fine sandy loams, moderately saline-alkali, to 1 percent slopes
FecA	Fresno and El Peco fine sandy loams, strongly saline-alkali, 0 to 1 percent slopes
FfaA	Fresno and El Peco loams, slightly saline-alkali, 0 to 1 percent slopes
FfbA	Fresno and El Peco loams, moderately saline-alkali, 0 to 1 percent slopes
FfcA	Fresno and El Peco loams, strongly saline-alkali, 0 to 1 percent slopes
FgaA	Fresno, El Peco, and Chino soils, slightly saline-alkali, 0 to percent slopes
FgbA	Fresno, El Peco, and Chino soils, moderately saline-alkali, 0 to 1 percent slopes
FhbA	Fresno, El Peco, and Lewis soils, moderately saline-alkali, 0 to 1 percent slopes
FhcA	Fresno, El Peco, and Lewis soils, strongly saline-alkali, 0 to 1 percent slopes
FkaA	Fresno, El Peco, and Pozo soils, slightly saline-alkali, 0 to 1 percent slopes
FkbA	Fresno, El Peco, and Pozo soils, moderately saline-alkali, 0 to 1 percent slopes
GaA	Grangeville fine sandy loam, 0 to 1 percent slopes
GbA	Grangeville fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
GcA	Grangeville fine sandy loam, over traver soils, 0 to 1 percent slopes
GdA	Grangeville fine sandy loam, over traver soils, slightly saline alkali, 0 to 1 percent slopes
GeA	Grangeville fine sandy loam, moderately deep and deep over temple soils, 0 to 1 percent slopes
GfA	Grangeville fine sandy loam, deep over hardpan, 0 to 1 percent slopes
GhA	Grangeville fine sandy loam, deep over alkali hardpan, 0 to 1 percent slopes
GkA	Grangeville fine sandy loam, deep over alkali hardpan, slightly saline-alkali, 0 to 1 percent slopes
GmA	Grangeville sandy loam, 0 to 1 percent slopes
GnA	Grangeville sandy loam, slightly saline-alkali, 0 to 1 percent slopes
Gp	Gravel pits
GrA	Greenfield coarse sandy loam, 0 to 3 percent slopes
GrB	Greenfield coarse sandy loam, 3 to 8 percent slopes
GsA	Greenfield fine sandy loam, 0 to 3 percent slopes
GsB	Greenfield fine sandy loam, 3 to 8 percent slopes
GuA	Greenfield sandy loam, 0 to 3 percent slopes
GuB	Greenfield sandy loam, 3 to 8 percent slopes
GvA	Greenfield sandy loam, moderately deep and deep over hardpan, 0 to 3 percent slopes
GvB	Greenfield sandy loam, moderately deep and deep over hardpan, 3 to 8 percent slopes
HaA	Hanford fine sandy loam, 0 to 1 percent slopes
HbA	Hanford fine sandy loam, moderately deep and deep over hardpan, 0 to 1 percent slopes
HcA	Hanford (ripperdan) fine sandy loam, shallow varient, 0 to 3 percent slopes
HdA	Hanford (ripperdan) fine sandy loam, moderately deep and deep over silt, 0 to 3 percent slopes
HeB	Hanford gravelly sandy loam, 3 to 8 percent slopes
HfA	Hanford sandy loam, 0 to 3 percent slopes
HgA	Hanford sandy loam, moderately deep and deep over hardpan, 0 to 3 percent slopes
HhA	Hanford sandy loam, moderately deep over sand, 0 to 3 percent slopes
HkB	Hideaway very stony loam, 0 to 8 percent slopes
HkD	Hideaway very stony loam, 15 to 30 percent slopes
HmA	Hildreth sandy clay, 0 to 3 percent slopes
HnB	Hildreth-San Joaquin complex, 0 to 8 percent slopes
HoD	Holland sandy loam, 15 to 30 percent slopes
HoE	Holland sandy loam, 30 to 45 percent slopes
HrE	Holland rocky sandy loam, 30 to 45 percent slopes
HsB	Hornitos gravelly sandy loam, 3 to 8 percent slopes
HsD	Hornitos gravelly sandy loam, 8 to 30 percent slopes
HvD	Hornitos very rocky sandy loam, 8 to 30 percent slopes

# Map Unit Legend

Madera Area, California

Map symbol	Map unit name
JeA	Jesbel clay, 0 to 3 percent slopes
JgB	Jesbel gravelly clay, 3 to 8 percent slopes
JyA	Jesbel gravelly clay loam, 0 to 3 percent slopes
LeA	Lewis loam, slightly saline-alkali, 0 to 1 percent slopes
LwA	Lewis loam, moderately saline-alkali, 0 to 1 percent slopes
MaA	Madera fine sandy loam, 0 to 3 percent slopes
MbA	Madera loam, 0 to 3 percent slopes
McA	Madera-Alamo complex, 0 to 1 percent slopes
MdA	Madera-Lewis complex, slightly saline alkali, 0 to 1 percent slopes
MmA	Marguerite clay loam, 0 to 3 percent slopes
MnA	Marguerite clay loam, moderately saline-alkali, 0 to 3 percent slopes
MoA	Marguerita loam, 0 to 3 percent slopes
MrA	Marguerite loam, slightly saline-alkali, 0 to 3 percent slopes
MsA	Marguerite loam, moderately saline-alkali, 0 to 3 percent slope
MtB	Montpellier coarse sandy loam, 3 to 8 percent slopes
MtC	Montpellier coarse sandy loam, 8 to 15 percent slopes
PaA	Pachappa fine sandy loam, 0 to 1 percent slopes
PbA	Pachappa fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
PcA	Pachappa sandy loam, 0 to 1 percent slopes
PdA	Pachappa sandy loam, slightly saline-alkali, 0 to 1 percent slopes
PeA	Pachappa sandy loam, moderately deep and deep over hardpan, slightly saline-alkali, 0 to 1 percent slopes
PfA	Porterville clay, 0 to 3 percent slopes
PfB	Porterville clay, 3 to 8 percent slopes
PgB	Porterville rocky clay, 3 to 8 percent slopes
PhA	Pozo clay loam, 0 to 1 percent slopes
PkA	Pozo clay loam, slightly saline, 0 to 1 percent slopes
PmA	Pozo clay loam, moderately saline, 0 to 1 percent slopes
PnA	Pozo clay loam, strongly saline, 0 to 1 percent slopes
PoA	Pozo loam, 0 to 1 percent slopes
PsA	Pozo loam, slightly saline, 0 to 1 percent slopes
PtA	Pozo loam, moderately saline, 0 to 1 percent slopes
PvA	Pozo loam, strongly saline, 0 to 1 percent slopes
RaA	Ramona sandy loam, 0 to 3 percent slopes
RaB	Ramona sandy loam, 3 to 8 percent slopes
RbA	Ramona sandy loam, deep over hardpan, 0 to 3 percent slopes
RcA	Raynor clay, 0 to 3 percent slopes
RcB	Raynor clay, 3 to 8 percent slopes
RdA	Redding gravelly loam, 0 to 3 percent slopes
RdC	Redding gravelly loam, 3 to 15 percent slopes
RfC	Redding gravelly sandy loam, 3 to 15 percent slopes
RgC	Redding-Raynor complex, 3 to 15 percent slopes
Rh	Riverwash
Rk	Rockland, hornitos soil material
RmB	Rocklin rocky sandy loam, pumiceous variant, 3 to 8 percent slopes
RmD	Rocklin rocky sandy loam, pumiceous variant, 8 to 30 percent slopes
RoA	Rossi clay loam, slightly saline-alkali, 0 to 1 percent slopes
RpA	Rossi clay loam, strongly saline-alkali, 0 to 1 percent slopes
RrA	Rossi silt loam, slightly saline-alkali, 0 to 1 percent slopes
RsA	Rossi silt loam, moderately saline-alkali, 0 to 1 percent slope
RtA	Rossi silt loam, strongly saline-alkali, 0 to 1 percent slopes



# Map Unit Legend

Madera Area, California

Map symbol	Map unit name
SaA	San Joaquin sandy loams, 0 to 3 percent slopes
SbA	San Joaquin-Alamo complex, 0 to 3 percent slopes
ScB	San Joaquin-Whitney sandy loams, 0 to 8 percent slopes
SeB	Sesame loam, 3 to 8 percent slopes
SeC	Sesame loam, 8 to 15 percent slopes
SkC	Sesame rocky loam, 8 to 15 percent slopes
SnB	Sesame rocky sandy loam, 3 to 8 percent slopes
SyB	Sesame sandy loam, 3 to 8 percent slopes
TaA	Temple clay, 0 to 1 percent slopes
TbA	Temple clay loam, 0 to 1 percent slopes
TcA	Temple clay loam, slightly saline, 0 to 1 percent slopes
TdA	Temple loam, 0 to 1 percent slopes
TeA	Temple loam, slightly saline, 0 to 1 percent slopes
Tf	Terrace escarpments
TgF	Tollhouse rocky coarse sandy loam, 30 to 75 percent slopes
ThE	Trabuco loam, 15 to 45 percent slopes
TkC	Trabuco rocky loam, 8 to 15 percent slopes
TkF	Trabuco rocky loam, 45 to 75 percent slopes
TmA	Traver loam, slightly saline-alkali, 0 to 1 percent slopes
TnA	Traver loam, moderately saline alkali, 0 to 1 percent slopes
ToA	Traver loam, strongly saline-alkali, 0 to 1 percent slopes
TpA	Traver-Chino complex, slightly saline alkali, 0 to 1 percent slopes
TrA	Traver-Chino complex, moderately saline alkali, 0 to 1 percent slopes
TsA	Traver, Fresno, and El Peco fine sandy loams, moderately saline alkali, 0 to 1 percent slopes
TtA	Traver, fresno, el peco fine sandy loams, strongly saline-alkal , 0 to 1 percent slopes
TuB	Trigo fine sandy loam, 3 to 8 percent slopes
TuC	Trigo fine sandy loam, 8 to 15 percent slopes
TvB	Trigo-Cometa sandy loams, 3 to 8 percent slopes
TwA	Tujunga loamy sand, 0 to 3 percent slopes
TwB	Tujunga loamy sand, 3 to 8 percent slopes
TxA	Tujunga loamy sand, moderately deep and deep over hardpan, 0 to 3 percent slopes
TyA	Tujunga loamy sand, moderately deep and deep over silt, 0 to 3 percent slopes
TzB	Tujunga and Hanford soils, channeled, 0 to 8 percent slopes
URB	Towns (not surveyed)
VaA	Visalia fine sandy loam, 0 to 1 percent slopes
VdA	Visalia sandy loam, 0 to 3 percent slopes
VnA	Visalia sandy loam, moderately deep over sand, 0 to 3 percent slopes
VsB	Vista-Sesame complex, 3 to 8 percent slopes
W	Water
WaB	Whiterock rocky fine sandy loam, 3 to 8 percent slopes
WaE	Whiterock rocky fine sandy loam, 30 to 45 percent slopes
WbD	Whiterock very rocky fine sandy loam, 8 to 30 percent slopes
WfB	Whitney fine sandy loam, 3 to 8 percent slopes
WfC	Whitney fine sandy loam, 8 to 15 percent slopes
WmA	Whitney loam, 0 to 3 percent slopes
WmB	Whitney loam, 3 to 8 percent slopes
WmC	Whitney loam, 8 to 15 percent slopes
WnD	Whitney sandy loam, 15 to 30 percent slopes, eroded
WoC	Whitney and Rocklin gravelly sandy loams, 3 to 15 percent slope
WrB	Whitney and Rocklin sandy loams, 3 to 8 percent slopes

# Map Unit Legend

Madera Area, California

Map symbol	Map unit name
WrC	Whitney and Rocklin sandy loams, 8 to 15 percent slopes
WtB	Whitney-Trigo fine sandy loams, 3 to 8 percent slopes
WuA	Wunjeý very fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
WvA	Wunjeý very fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
WxA	Wunjeý very fine sandy loam, strongly saline-alkali, 0 to 1 percent slopes
WyB	Wunjeý very fine sandy loam, strongly saline-alkali, channeled, 1 to 8 percent slopes
ZaB	Zaca clay, 3 to 8 percent slopes

