California Department of Conservation

FARMLAND MAPPING AND MONITORING PROGRAM

SOIL CANDIDATE LISTING

FOR

PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE

SAN MATEO COUNTY

U.S. Department of Agriculture, Natural Resources Conservation Service,

soil surveys for San Mateo County include:

Soil Survey of San Mateo Area, California, May 1961

Soil Survey of San Mateo County, Eastern Part, and San Francisco County, California, May 1991

Beginning in 2002, SSURGO digital soil information has been incorporated into the San Mateo County Important Farmland Map. Prior versions of the map have not been modified.

The SSURGO data includes San Mateo Area (published 09/12/2018) and San Mateo County, Eastern Part, and San Francisco County (published 09/12/2018). The digital surveys contain additional soil units beyond those published in the original paper surveys. Soils on the Prime Farmland and Farmland of Statewide Importance lists that only occur in the SSURGO data are appended in italics at the end of each list.

For more information on the NRCS SSURGO data, please visit the NRCS Soil Geography webpage: http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/survey/geo/

08/02/1995, updated 12/08/2020

THESE SOIL MAPPING UNITS MEET THE CRITERIA FOR PRIME FARMLAND AS OUTLINED IN THE U.S. DEPARTMENT OF AGRICULTURE'S LAND INVENTORY AND MONITORING (LIM) PROJECT FOR THE *SAN MATEO AREA* AND *SAN MATEO COUNTY, EASTERN PART, and SAN FRANCISCO COUNTY*, SOIL SURVEYS.

SAN MATEO AREA

SYMBOL	NAME
BaB2	Baywood sandy loam, gently sloping, eroded
BaC2	Baywood sandy loam, sloping, eroded
BcA	Botella clay loam, 0 to 2 percent slopes
BcB	Botella clay loam, 2 to 9 percent slopes
BdA*	Botella loam, nearly level, imperfectly drained
BdB*	Botella loam, gently sloping, imperfectly drained
BeB	Botella loam, 2 to 9 percent slopes
CrA*	Corralitos loamy sand, nearly level, imperfectly drained
CsA	Corralitos sandy loam, nearly level
CsB	Corralitos sandy loam, gently sloping
CtA*	Corralitos sandy loam, nearly level, imperfectly drained
CtB*	Corralitos sandy loam, gently sloping, imperfectly drained
DcA	Denison clay loam, nearly level
DdA*	Denison clay loam, nearly level, imperfectly drained
DeA	Denison coarse sandy loam, nearly level
DmA	Denison loam, nearly level
DmB	Denison loam, gently sloping
DuA	Dublin clay, nearly level
DuB	Dublin clay, gently sloping
DwA*	Dublin clay, nearly level, imperfectly drained
DwB*	Dublin clay, gently sloping, imperfectly drained
EhB	Elkhorn sandy loam, gently sloping
EhB2	Elkhorn sandy loam, gently sloping, eroded
EhC2	Elkhorn sandy loam, sloping, eroded
EtB	Elkhorn sandy loam, thick surface, gently sloping
EtC2	Elkhorn sandy loam, thick surface, sloping, eroded
FaA	Farallone loam, nearly level
FaB	Farallone loam, gently sloping
FcA	Farallone coarse sandy loam, nearly level
FcB	Farallone coarse sandy loam, gently sloping
FcC2	Farallone coarse sandy loam, sloping, eroded
FsB*	Farallone coarse sandy loam, over coarse sands, gently sloping, seeped
FyB	Farallone loamy coarse sand, gently sloping
FyC2	Farallone loamy coarse sand, sloping, eroded
HvB	Hugo and Josephine loams, very deep, gently sloping

SYMBOL	NAME
LmB	Lockwood loam, gently sloping
LoA*	Lockwood loam, nearly level, imperfectly drained
LsB	Lockwood shaly loam, gently sloping
LvB2	Lockwood loam, brown subsoil variant, gently sloping, eroded
LwB*	Lockwood loam, gently sloping, seeped
SkA	Soquel loam, nearly level
SkB	Soquel loam, gently sloping
SmA*	Soquel loam, nearly level, imperfectly drained
SoA	Soquel loam, over clay, nearly level
SpB*	Soquel loam, gently sloping, poorly drained
SsA*	Soquel loam, over clay, nearly level, imperfectly drained
TuA	Tunitas clay loam, nearly level
TuB	Tunitas clay loam, gently sloping
TwA*	Tunitas clay loam, nearly level, imperfectly drained
TwB*	Tunitas clay loam, gently sloping, imperfectly drained
TxA	Tunitas loam, nearly level
TxB	Tunitas loam, gently sloping

* Prime farmland if drained. (Soils BdA, BdB, CrA, CtA, CtB, DdA, DwA, DwB, FsB, LoA, LwB, SmA, SpB, SsA, TwA, and TwB)

SAN MATEO COUNTY, EASTERN PART, and SAN FRANCISCO COUNTY

SYMBOL	NAME
107	Botella loam, 0 to 5 percent slopes
108	Botella-Urban land complex, 0 to 5 percent slopes

Note: Soil 108 (*Botella-Urban land complex, 0 to 5 percent slopes*) was moved from the Farmland of Statewide Importance List to the Prime Farmland list by NRCS on 07/11/2011.

Note: Soils 130scl (*Urban land-Still complex, 0 to 2 percent slopes*), 131scl (*Urban land-Elpaloalto complex, 0 to 2 percent slopes*), 143scl (*Flaskan sandy clay loam, 5 to 9 percent slopes*), and 169scl (*Urbanland-Elder complex, 0 to 2 percent slopes, protected*) were removed from the Prime Farmland list per NRCS email on 02/20/2019 and will be updated to Web Soil Survey during the 2019 annual refresh in October 2019.

THESE SOIL MAPPING UNITS MEET THE CRITERIA FOR FARMLAND OF STATEWIDE IMPORTANCE AS OUTLINED IN THE U.S. DEPARTMENT OF AGRICULTURE'S LAND INVENTORY AND MONITORING (LIM) PROJECT FOR THE *SAN MATEO AREA* AND *SAN MATEO COUNTY, EASTERN PART, and SAN FRANCISCO COUNTY*, SOIL SURVEYS.

SAN MATEO AREA

SYMBOL	NAME
BaD2	Baywood sandy loam, moderately steep, eroded
BfB	Botella loam, nearly level and gently sloping, poorly drained variant
CcC2	Cayucos clay loam, sloping, eroded
CdC2	Cayucos clay loam, deep, sloping, eroded
ClC2	Colma loam, sloping, eroded
CmC2	Colma sandy loam, sloping, eroded
DuC2	Dublin clay, sloping, eroded
FcD2	Farallone coarse sandy loam, moderately steep, eroded
GlB	Gazos-Lobitos silt loams, gently sloping
HyC2	Hugo and Josephine sandy loams, sloping, eroded
HzC	Hugo and Josephine sandy loams, very deep, sloping
LfC2	Lobitos fine sandy loam, sloping, eroded
MmC2	Miramar coarse sandy loam, sloping, eroded
MmD2	Miramar coarse sandy loam, moderately steep, eroded
SrA	Soquel loam, over clay, nearly level, poorly drained
StC	Sweeney clay, sloping
SwC2	Sweeney clay loam, sloping, eroded
SxC2	Sweeney clay loam, deep, sloping, eroded
TsB	Tierra sandy loam, acid variant, gently sloping
TsC2	Tierra sandy loam, acid variant, sloping, eroded
TuC2	Tunitas clay loam, sloping, eroded
TxC2	Tunitas loam, sloping, eroded
WaA	Watsonville clay loam, nearly level
WaB	Watsonville clay loam, gently sloping
WaC2	Watsonville clay loam, sloping, eroded
WtB2	Watsonville sandy loam, thick surface, gently sloping, eroded

SAN MATEO COUNTY, EASTERN PART, and SAN FRANCISCO COUNTY

SYMBOL	NAME
101	Accelerator-Fagan association, 5 to 15 percent slopes
102	Accelerator-Fagan-Urban land complex, 5 to 15 percent slopes
111	Candlestick variant loam, 2 to 15 percent slopes

Note: Soil units 101, 102, and 108 were reclassified to Farmland of Statewide Importance by NRCS on 11/03/2004. Prior to this date, no soil map units qualifying for Farmland of Statewide Importance were identified.

Note: Soil 108 (*Botella-Urban land complex, 0 to 5 percent slopes*) was moved from the Farmland of Statewide Importance List to the Prime Farmland list by NRCS on 07/11/2011 and Soil 111 (*Candlestick variant loam, 2 to 15 percent slopes*) was reclassified to Farmland of Statewide Importance by NRCS on 07/11/2011.