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California Revised Storie Index (CA)

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Conservation Tree and Shrub Group

Ecological Site ID

Ecological Site Name

Farmland Classification

Hydric Rating by Map Unit

Irrigated Capability Class

Irrigated Capability Subclass

National Commodity Crop Productivity Index

NH Forest Soil Group

Nonirrigated Capability Class

Nonirrigated Capability Subclass

Order of Soil Survey

Soil Taxonomy Classification

Land Management

Military Operations

Recreational Development

Sanitary Facilities

Soil Health

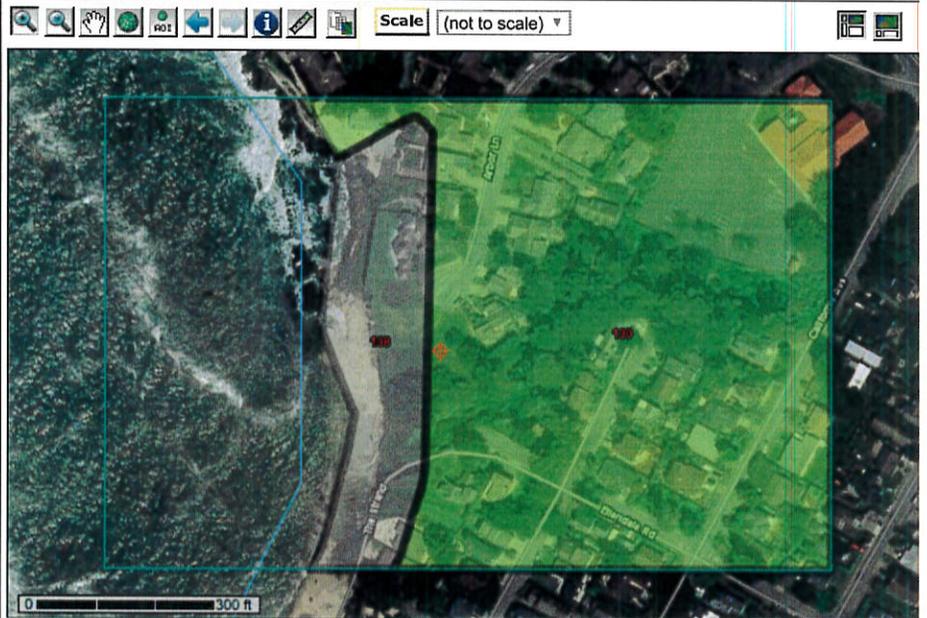
Vegetative Productivity

Waste Management

Water Management

Wildlife Management

Map — California Revised Storie Index (CA)



Warning: Soil Ratings Map may not be valid at this scale.

You have zoomed in beyond the scale at which the soil map for this area is intended to be used. Mapping of soils is done at a particular scale. The soil surveys that comprise your AOI were mapped at 1:24,000. The design of map units and the level of detail shown in the resulting soil map are dependent on that map scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Tables — California Revised Storie Index (CA) — Summary By Map Unit

Summary by Map Unit — San Mateo County, Eastern Part, and San Francisco County, California (CA689)

Summary by Map Unit — San Mateo County, Eastern Part, and San Francisco County, California (CA689)

Map unit symbol	Map unit name	Rating	Component name (percent)	Acres in AOI	Percent of AOI
130	Typic Argiustolls, loamy-Urban land association, 5 to 15 percent slopes	Grade 2 - Good	Typic Argiustolls (50%)	12.9	57.1%
138	Beaches	Not Applicable for Storie Index	Beaches (100%)	2.6	11.6%
Totals for Area of Interest				22.6	100.0%

Totals for Area of Interest

Description — California Revised Storie Index (CA)

The Revised Storie Index is a rating system based on soil properties that govern the potential for soil map unit components to be used for irrigated agriculture in California.

The Revised Storie Index assesses the productivity of a soil from the following four characteristics:

- Factor A: degree of soil profile development
- Factor B: texture of the surface layer
- Factor C: steepness of slope
- Factor X: drainage class, landform, erosion class, flooding and ponding frequency and duration, soil pH, soluble salt content as measured by electrical conductivity, and sodium adsorption ratio

Revised Storie Index numerical ratings have been combined into six classes as follows:

- Grade 1: Excellent (81 to 100)
- Grade 2: Good (61 to 80)
- Grade 3: Fair (41 to 60)
- Grade 4: Poor (21 to 40)
- Grade 5: Very poor (11 to 20)
- Grade 6: Nonagricultural (10 or less)

The components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as the one shown for the map unit. The percent composition of each component in a particular map unit is given to help the user better understand the extent to which the rating applies to the map unit.

Other components with different ratings may occur in each map unit. The ratings for all components, regardless the aggregated rating of the map unit, can be viewed by generating the equivalent report from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.

Rating Options — California Revised Storie Index (CA)

Aggregation Method: Dominant Condition

Component Percent Cutoff: *None Specified*

Tie-break Rule: Lower



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Description of Rating

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Hydric Rating by Map Unit

Irrigated Capability Class

Irrigated Capability Subclass

National Commodity Crop Productivity Index

NH Forest Soil Group

Nonirrigated Capability Class

Nonirrigated Capability Subclass

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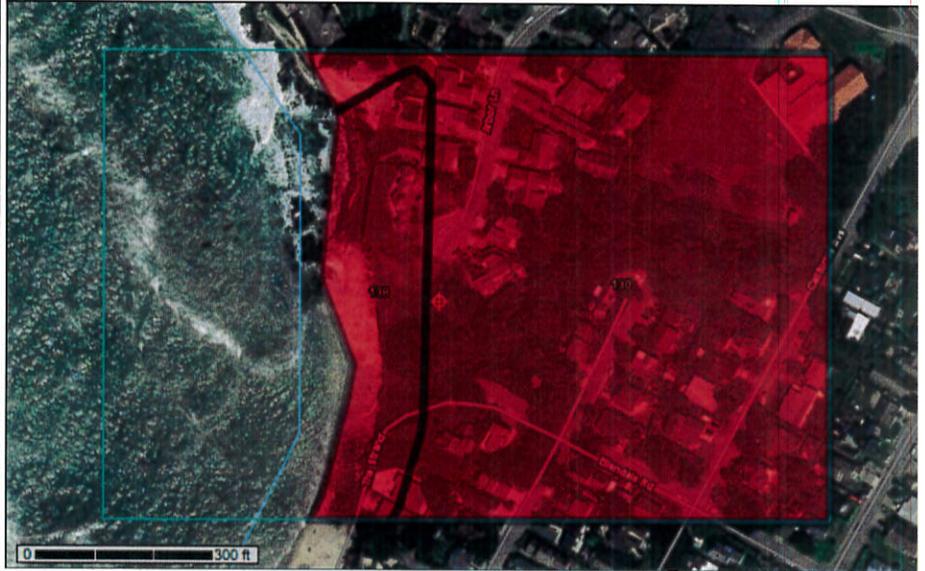
Waste Management

Water Management

Wildlife Management

Map — Farmland Classification

Scale (not to scale)



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Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Tables — Farmland Classification — Summary By Map Unit

Summary by Map Unit — San Mateo County, Eastern Part, and San Francisco County, California (CA689)

Summary by Map Unit — San Mateo County, Eastern Part, and San Francisco County, California (CA689)

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
130	Typic Argiustolls, loamy-Urban land association, 5 to 1 5 percent slopes	Not prime farmland	12.9	57.1%
138	Beaches	Not prime farmland	2.6	11.6%

Totals for Area of Interest **22.6 100.0%**

Description — Farmland Classification

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options — Farmland Classification

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower