

Matching Land Use with Soils

Using the Soil Web UC Davis website (<https://casoilresource.lawr.ucdavis.edu>) you will be determining the land use for the plot of land on the corner of main street and Highway 16 (see the pic on the bottom of this document).

This chart is a summary of information about the soils found on this map. It is taken from a soil survey. The chart lists the types of limitations that are placed on land use by soils.

Seasonally high water usually occurs in winter and early spring. Use this information to answer questions about the soil map.

1. Which soils are the best for building homes, stores, and roads?
2. Which soils are the worst for building homes, stores, and roads?

3. Should any home or factory construction take place on a Rincon (Rg) soil? Why?
4. On what kinds of soil would you expect to see large pools of water after rains?
5. What types(s) of land use would you recommend on a Marvin (Mf) soil?
6. What evidence of poor land use can you see in the town of Esparto?
7. On what soils would you recommend building a park or play area?



Soil	Description	Farming	Homesites	Streets	Recreation
Tehama TaA	Pale brown well drained	slight seasonally high water	slight	Moderate seasonally high water	Somewhat seasonally high water
Yolo Yb	Grayish brown runoff is slow	Well drained slow runoff	Slight	Slight	Slight
Rincon Rg	Brown to dark runoff is Medium fast	Slight	Moderate subject to erosion	Moderate subject to erosion	Moderate subject to erosion
Marvin Mf	Very dark grayish brown moderately drained	Somewhat limited mildly alkaline	slight seasonal flooded	Somewhat seasonally flooding	Somewhat seasonally flooding poorly drained