



- LEGEND**
-APPROX. LOCATION OF GEOLOGIC CONTACT
 -APPROX. DIRECTION OF LANDSLIDE
 -POSSIBLE LANDSLIDE
 -CITY OF SANTEE LIMITS

Legend	Soil Type	Location	Relative Landslide Susceptibility	Liquefaction Hazard	Expansion Condition
A	Granitic Rock	Hard Rock Outcrops and Dissectional Granites, Northern Slopes (Frita Ranch), Central Area (Ramona Way), Southeastern Area (Ranch Drive, Cowles Mountain)	Least Susceptible	Nominal	Very Low
B	Stadium Conglomerate	Northwestern and Northern Slopes (Frita Ranch), Southern Undeveloped Area	Marginally Susceptible (Generally Susceptible Below To Low)	Nominal	Low
C1	Alluvium	Main Drainage Channels, Possible Shallow Groundwater, San Diego River	Marginally Susceptible	Moderate to High	Variable
C2	Alluvium/Debris Flow	Secondary Drainage and Tributary Channels, Fracturing Groundwater	Variable	Nominal to Low	Moderate
C3	Terrace Deposits/ Older Alluvium	Gentle Slopes Western Area, Flanks of the San Diego River Valley (Carroll Oaks Drive), Central Area (Woodpark Drive)	Generally To Marginally susceptible (Where Underlain by Frita Formation)	Low to Moderate	Variable
D1	Landslides Confirmed	Sloping Southern Area (Route 125 and Frita Drive, Frita Ranch, Carbon Hill)	Most Susceptible	Nominal	Moderate to High
D2	Landslides Possible	Various Areas Throughout Frita Formation	Most Susceptible	Nominal	Moderate to High
D3	Frita Formation	Northern Slopes (Cuyamaca Street), Lake Canyon Road, Frita Ranch And Southern Slopes (Mass Heights Road, Route 125)	Most Susceptible	Nominal	Moderate to High
--	Unmapped Surface Deposits: Undeveloped Fill, Topsoil, Colluvium	Undeveloped Areas	Variable	Variable	Variable
--	Unmapped Surface Deposits: Previously Placed Fill	Developed Areas	Variable	Variable	Variable

**GEOTECHNICAL/SEISMIC HAZARD MAP
SANTEE, CALIFORNIA**

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SCALE 1" = 1,500' DATE 10 - 31 - 2002
 PROJECT NO. 06828 - 32 - 01 FIGURE 2
 SHEET 1 OF 1