

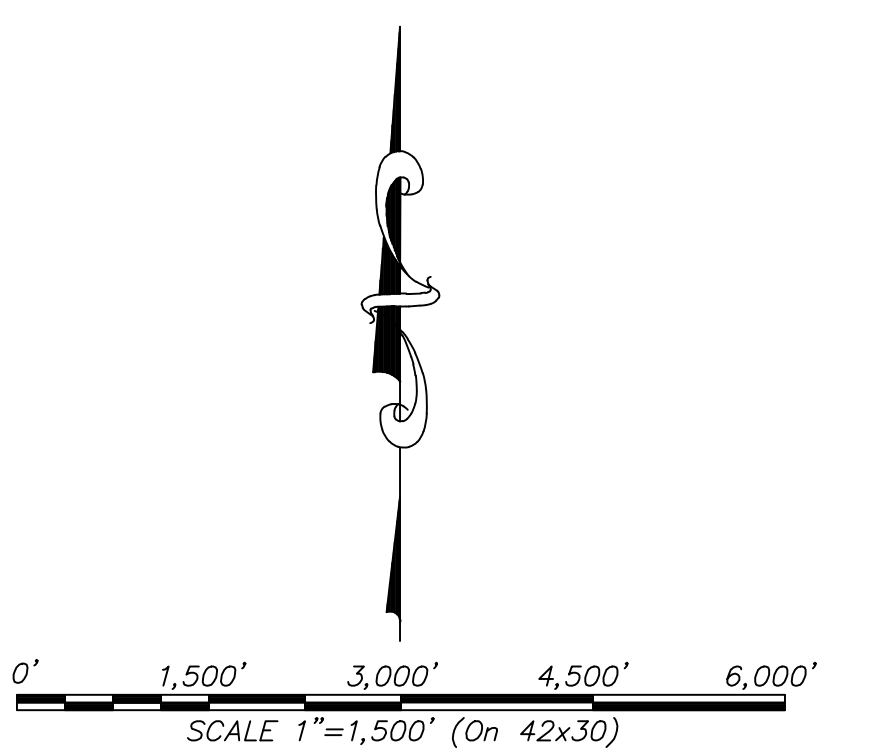
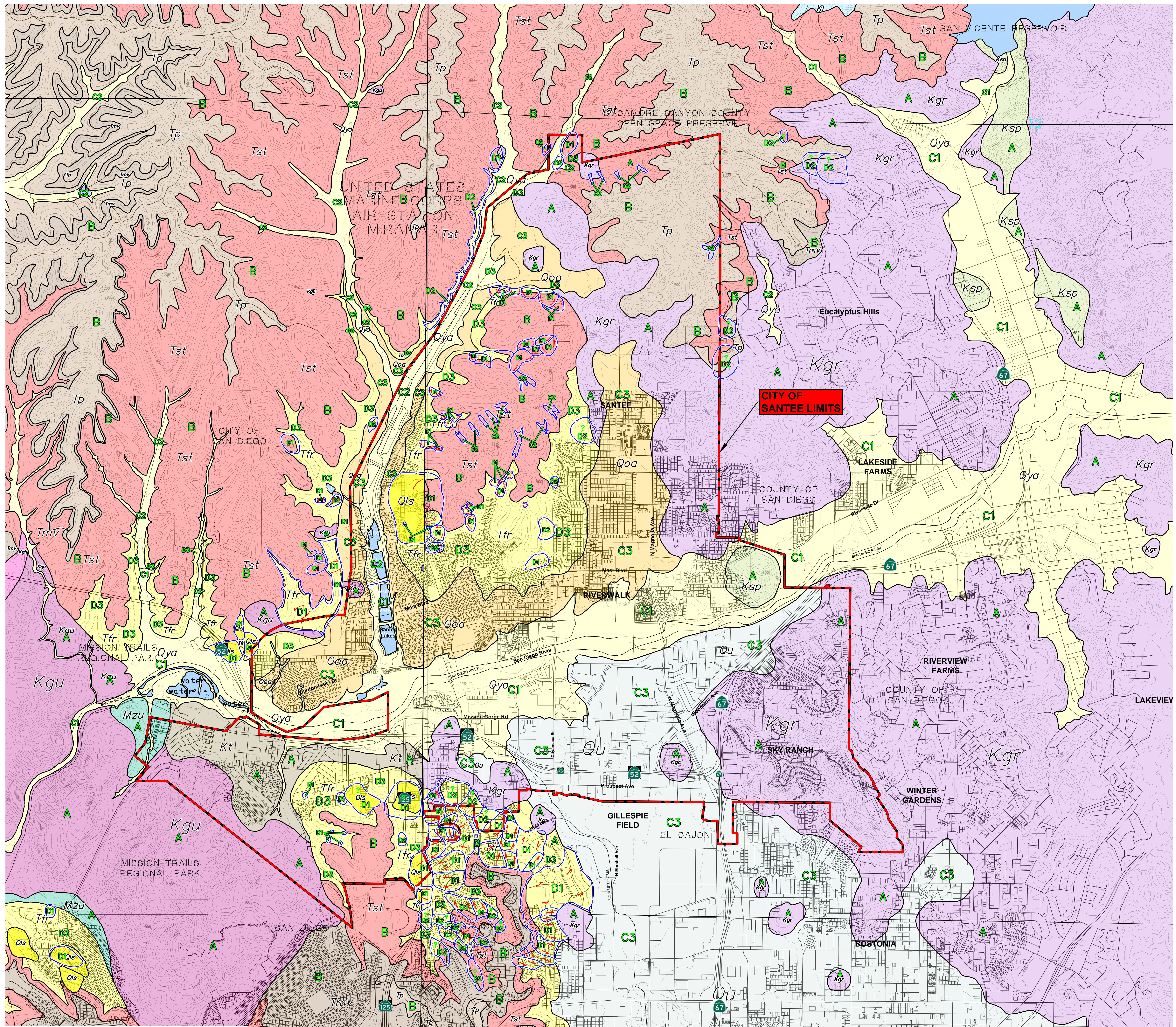
**LEGEND**

- Qls ..... LANDSLIDE DEPOSITS
- Qya ..... YOUNG ALLUVIAL FLOOD-PLAIN DEPOSITS
- Qu ..... ALLUVIUM AND COLLUVIUM, UNDIVIDED
- Qoa ..... OLD ALLUVIAL FLOOD-PLAIN DEPOSITS, UNDIVIDED
- Tp ..... POMERADO CONGLOMERATE
- Tmv ..... MISSION VALLEY FORMATION
- Tst ..... STADIUM CONGLOMERATE
- Tfr ..... FRIARS FORMATION
- Kl ..... LUSARDI FORMATION
- Kgu ..... GRANODIORITE AND TONALITE, UNDIVIDED
- Kgh ..... HYPABYSSAL ROCKS, UNDIVIDED
- Kgr ..... GRANITOID ROCKS
- Kt ..... TONALITE, UNDIVIDED
- Ksp ..... SANTIAGO PEAK VOLCANICS
- Mzu ..... METAMORPHOSED AND UNMETAMORPHOSED VOLCANIC AND SEDIMENTARY ROCKS, UNDIVIDED
- ..... GEOLOGIC CONTACT

SOURCES: THIS DATA WAS CREATED AND COMPILED BY CALIFORNIA GEOLOGICAL SURVEY.  
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<b>GEOLOGIC MAP</b>	
CITY OF SANTEE SEISMIC SAFETY STUDY SANTEE, CALIFORNIA	
<b>GEOCON</b> 11600 RIVER BLVD SAN DIEGO, CALIFORNIA 92121-2974 PHONE: 619.594.6000 FAX: 619.594.6007	SCALE 1" = 1,500' DATE 03-29-2021 PROJECT NO. G2647-52-01 FIGURE 1 SHEET 1 OF 1





**LEGEND**

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- ..... APPROX. LOCATION OF GEOLOGIC CONTACT
- ..... APPROX. LOCATION OF GEOLOGIC CONTACT-LANDSLIDES/ DEBRIS FLOW (C2, D1, D2)
- ..... APPROX. DIRECTION OF LANDSLIDE MOVEMENT
- ..... POSSIBLE LANDSLIDE

GEOLOGICAL/SEISMIC HAZARD MAP LEGEND					
Legend	Soil Type	Location	Relative Landslide Susceptibility	Liquefaction Hazard	Expansion Condition
A	Granitic Rock	Hard Rock Outcrops and Decomposed Granites, Northern Slopes (Fania Ranch), Central Area (Rancho Way), Southwest Area (Rancho Fania Drive, Cowie Mountain)	Least Susceptible	Nominal	Very Low
B	Stadium Conglomerate	Northeastern and Northern Slopes (Fania Ranch), Southern Undeveloped Area	Marginally Susceptible (Generally Susceptible to Debris Flow)	Nominal	Low
C1	Alluvium	Main Drainage Channels, Possible Shallow Groundwater, San Diego River	Marginally Susceptible	Moderate to High	Variable
C2	Alluvium/Debris Flow on steep slope	Secondary Drainage and Tributary Channels, Fluvial/Channel	Variable	Nominal to Low	Moderate
C3	Terrace Deposits/Older Alluvium	Gentle Slopes Western Area, Flanks of the San Diego River (Carlton Oaks Drive), Central Area (Woodpark Drive)	Generally to Marginally Susceptible (Where underlain by Friars Formation)	Low to Moderate	Variable
D1	Landslides Confirmed	Sloping Southern Area (Route 125 and Fania Drive), Fania Ranch, Carlton Hills, Castorock	Most Susceptible	Nominal	Moderate to High
D2	Landslides Possible	Various Areas Throughout Friars Formation	Most Susceptible	Nominal	Moderate to High
D3	Friars Formation	Northern Slopes (Cuyamaca Street, Lake Canyon Road, Fania Ranch) and Southern Slopes (Mea Heights Road, Route 125)	Most Susceptible	Nominal	Moderate to High
--	Unmapped Surface Deposits: Undocumented Fill, Topsoil, Colluvium	Undeveloped Areas	Variable	Variable	Variable
--	Unmapped Surface Deposits: Previously Filled Fill	Developed Areas	Variable	Variable	Variable

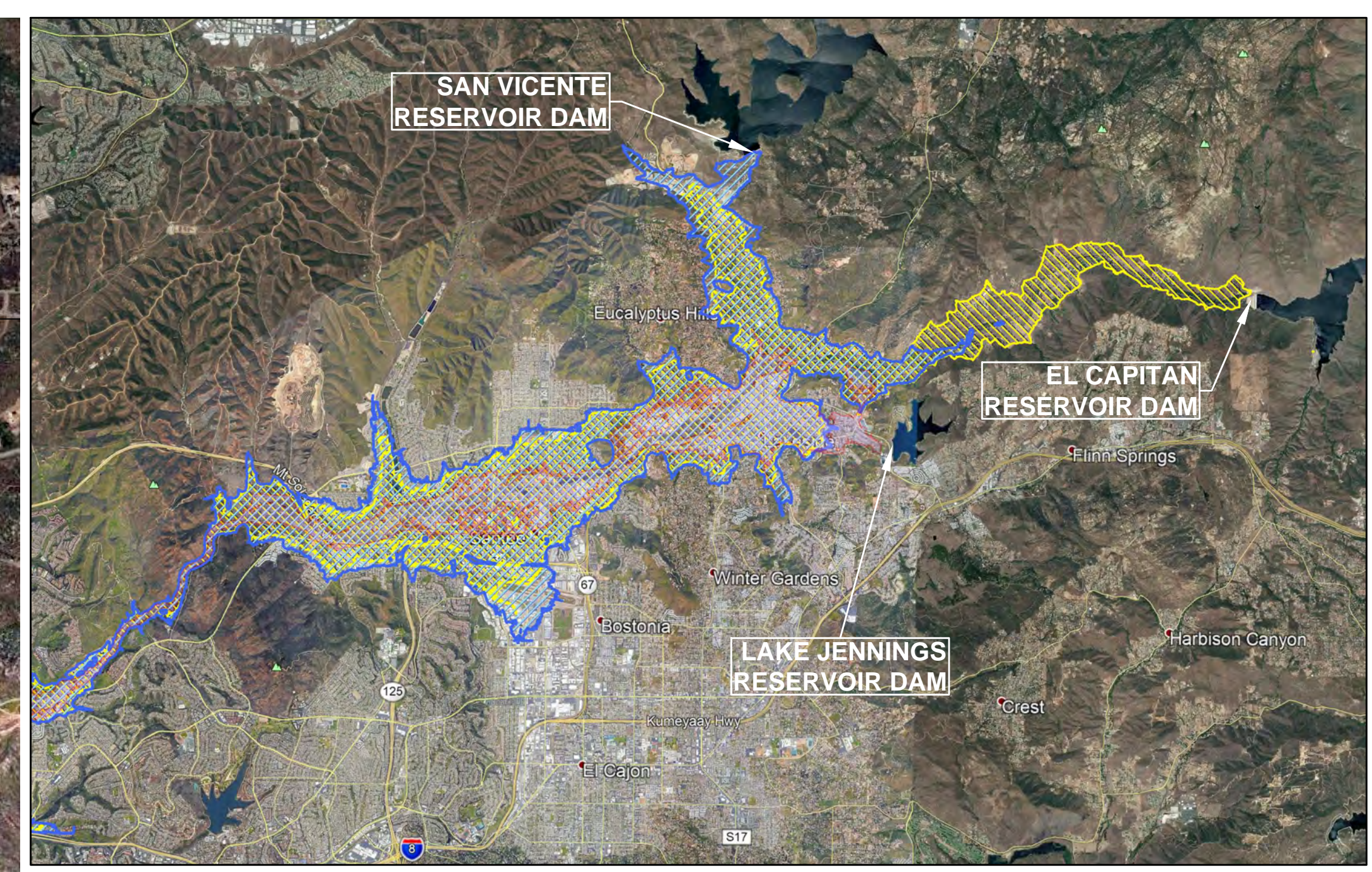
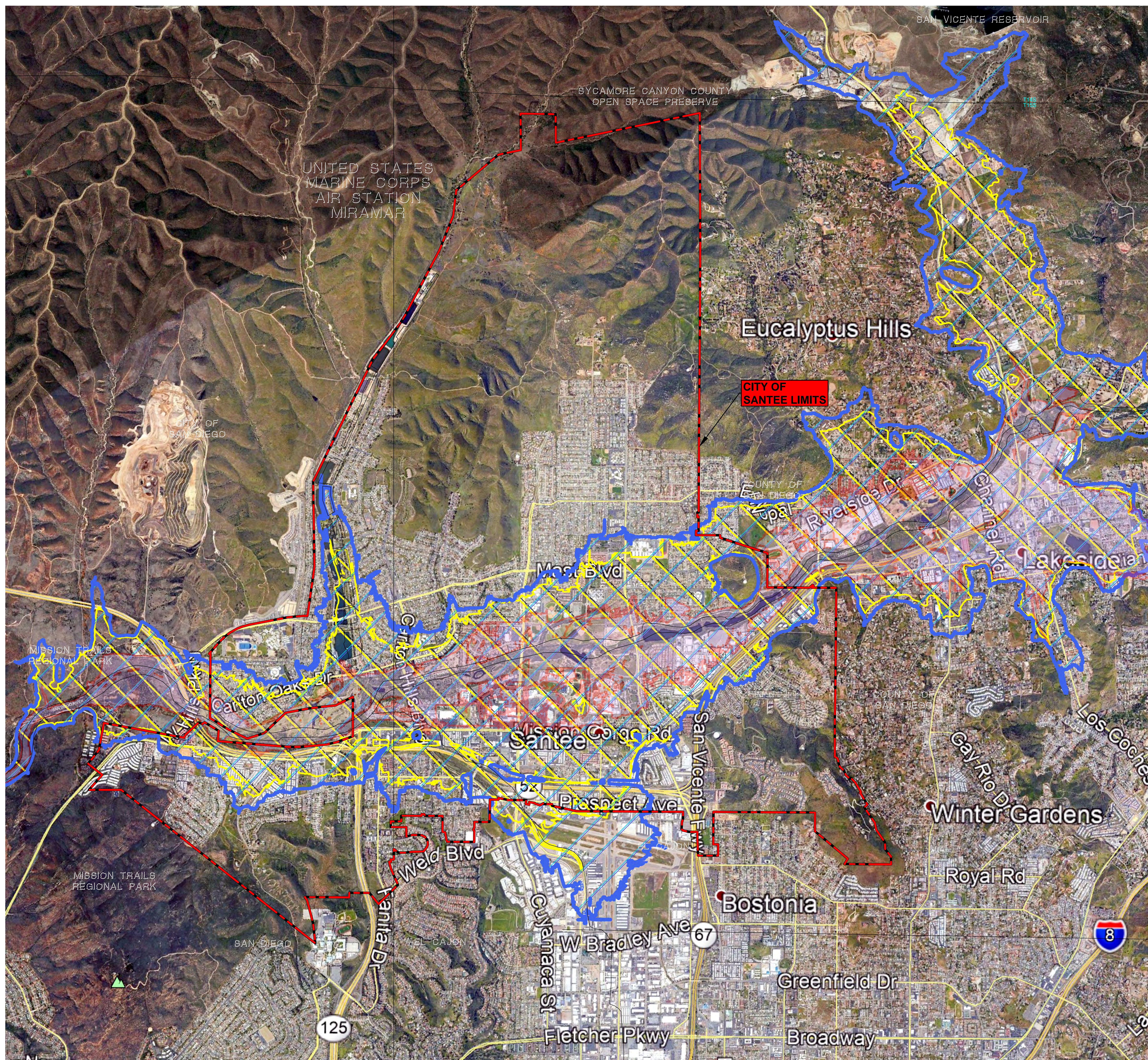
**GEOLOGICAL/SEISMIC HAZARD MAP  
CITY OF SANTEE SEISMIC SAFETY STUDY  
SANTEE, CALIFORNIA**

**GEOCON**  
11100 RIVERVIEW BLVD  
SAN DIEGO, CALIFORNIA 92121-2974  
PHONE: (619) 594-4000 FAX: (619) 594-4007

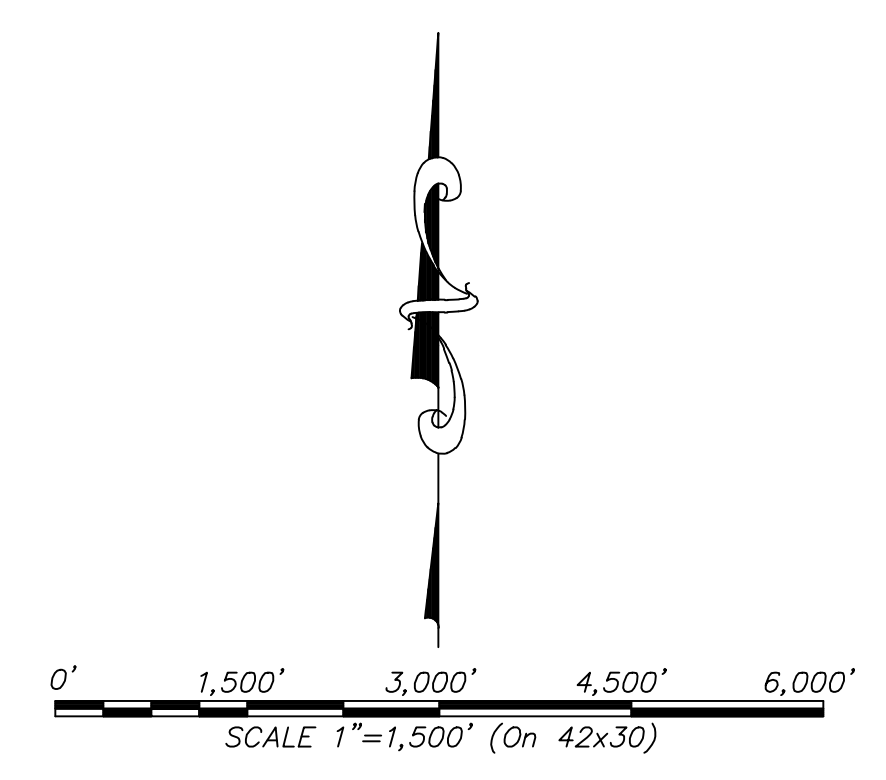
SCALE 1" = 1,500' DATE 03-29-2021  
PROJECT NO. G2647-52-01 FIGURE 2  
SHEET 1 OF 1

SOURCES: THIS DATA WAS CREATED AND COMPILED BY CALIFORNIA GEOLOGICAL SURVEY.





**INUNDATION ZONE VICINITY MAP**  
NOT TO SCALE



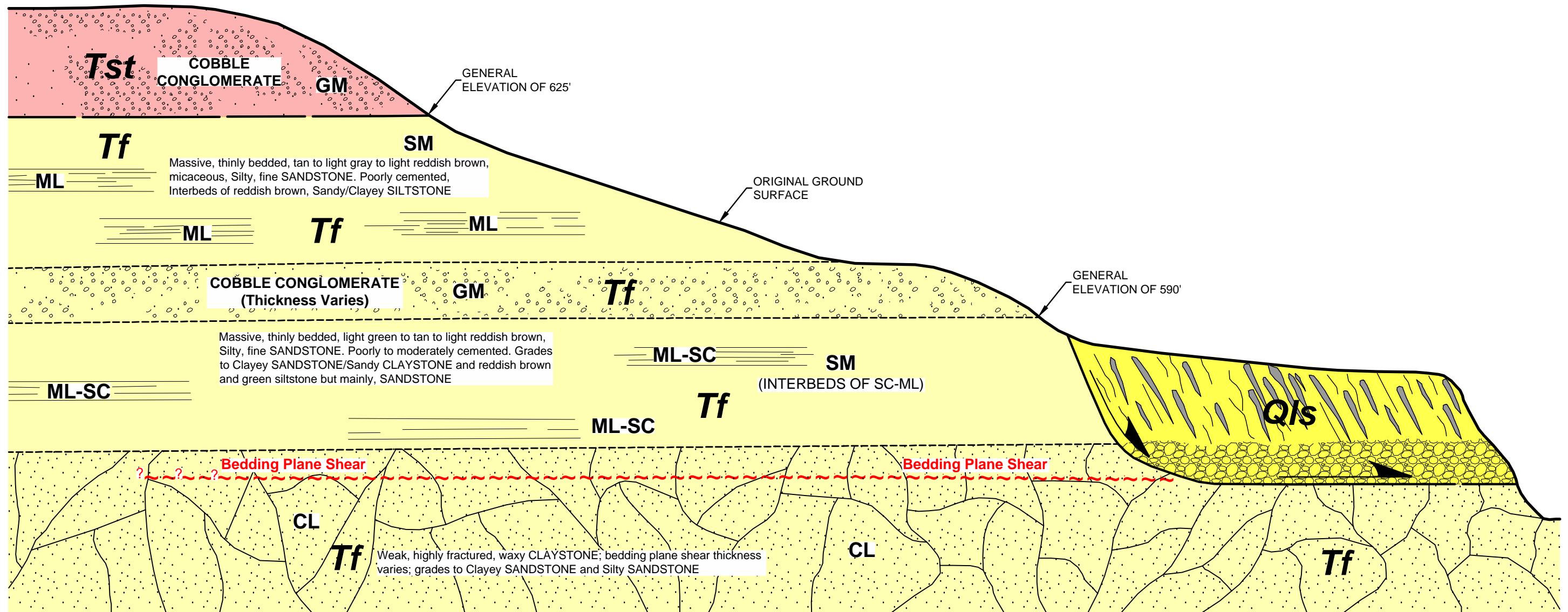
**LEGEND**

- .....LAKE JENNINGS (CHET HARRITT) INUNDATION ZONE
- .....SAN VICENTE INUNDATION ZONE
- .....EL CAPITAN INUNDATION ZONE

SOURCES: SanGIS/SANDAG GIS data warehouse.  
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<b>DAM/RESERVOIR INUNDATION MAP</b>							
CITY OF SANTEE SEISMIC SAFETY STUDY SANTEE, CALIFORNIA							
<b>GEOCON</b> 11600 RIVER ST. #100 SAN DIEGO, CALIFORNIA 92121-2974 PHONE: 619.594.9000 FAX: 619.594.9099	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SCALE 1" = 1,500'</td> <td>DATE 03-29-2021</td> </tr> <tr> <td>PROJECT NO. G2647-52-01</td> <td>FIGURE 3</td> </tr> <tr> <td colspan="2" style="text-align: center;">SHEET 1 OF 1</td> </tr> </table>	SCALE 1" = 1,500'	DATE 03-29-2021	PROJECT NO. G2647-52-01	FIGURE 3	SHEET 1 OF 1	
SCALE 1" = 1,500'	DATE 03-29-2021						
PROJECT NO. G2647-52-01	FIGURE 3						
SHEET 1 OF 1							






**CHARACTERISTIC GEOLOGY OF SANTEE AREA**  
NO SCALE, CONCEPTUAL ONLY

**GEOCON LEGEND**

<b>Qls</b>	.....LANDSLIDE DEPOSITS
<b>Tst</b>	.....STADIUM CONGLOMERATE
<b>Tf</b>	.....FRIARS FORMATION

<b>CHARACTERISTIC GEOLOGY OF SANTEE AREA</b> CITY OF SANTEE SEISMIC SAFETY STUDY SANTEE, CALIFORNIA		
<b>GEOCON</b> <small>INCORPORATED</small> GEOTECHNICAL CONSULTANTS 6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121 - 2974 PHONE 858 558-6900 - FAX 858 558-6159		SCALE NOT TO SCALE PROJECT NO. G2647 - 52 - 01 SHEET 1 OF 1
DATE 03 - 29 - 2021 FIGURE 4		