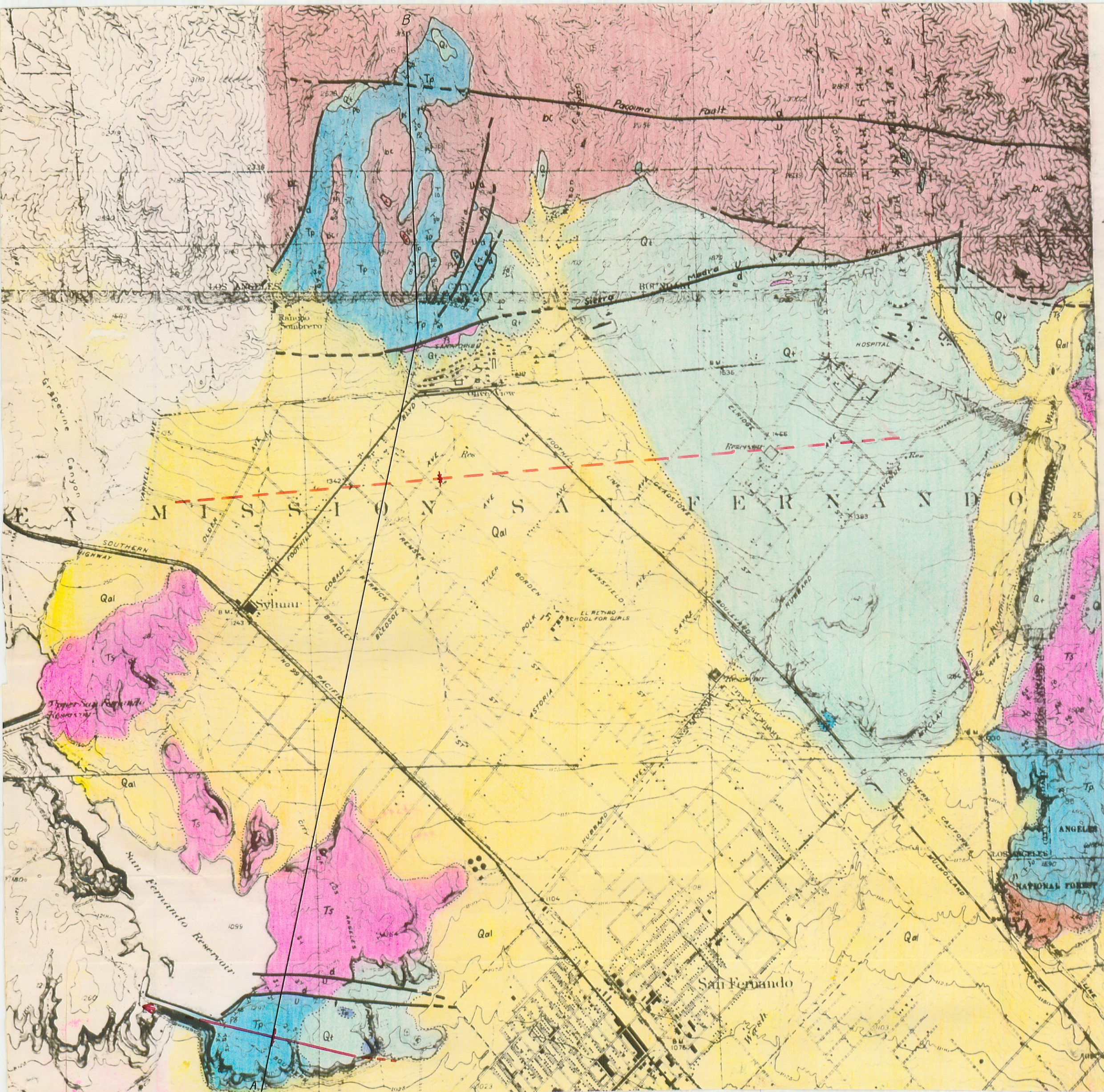
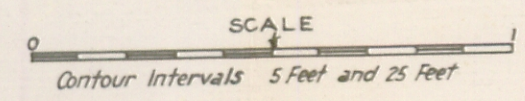


Level - mn - 1939
BS

GEOLOGIC MAP OF PARTS OF SYLMAR AND PACOIMA QUADRANGLE SOUTHERN CALIFORNIA

GEOLOGICAL SURVEY AND REPORT BY MELVIN N. LEVELT

~1939~



	SEDIMENTARY ROCKS	
Recent	<div style="border: 1px solid black; background-color: yellow; padding: 2px; margin-bottom: 5px; text-align: center;">Qal</div> <p style="text-align: center; margin: 0;">Alluvium <i>Stream Deposits Alluvial Fan</i> UNCONFORMITY</p>	UNCONFORMITY
Pleistocene	<div style="border: 1px solid black; background-color: lightgreen; padding: 2px; margin-bottom: 5px; text-align: center;">Qt</div> <p style="text-align: center; margin: 0;">Terrace Deposits <i>Angular Fragments unconsolidated, Poorly Bedded</i> UNCONFORMITY</p>	<div style="border: 1px solid black; background-color: pink; padding: 2px; margin-bottom: 5px; text-align: center;">bc</div> <p style="text-align: center; margin: 0;">Basement Complex <i>Well bedded Quartzites, Slates, Schists, Gneisses, intruded by Granite equivalents</i></p>
Pliocene	<div style="border: 1px solid black; background-color: magenta; padding: 2px; margin-bottom: 5px; text-align: center;">Ts</div> <p style="text-align: center; margin: 0;">Saugus Formation <i>Light Colored Conglomerate, Arkosic, Continental, some angular Agglomerates similar to terraces.</i> UNCONFORMITY</p>	<div style="border: 1px solid black; background-color: lightpink; padding: 2px; margin-bottom: 5px; text-align: center;">Pre C</div> <p style="text-align: center; margin: 0;">Limestone Lenses</p>
	<div style="border: 1px solid black; background-color: lightblue; padding: 2px; margin-bottom: 5px; text-align: center;">Tp</div> <p style="text-align: center; margin: 0;">Pico Formation <i>Marine, fine grained gray to rusty Sandstone, coarse brown conglomerates, Shale and Diatomaceous Earth, Chert Lenses.</i> UNCONFORMITY</p>	<p style="text-align: center; margin: 0;">Jurassic</p>
	<div style="border: 1px solid black; background-color: orange; padding: 2px; margin-bottom: 5px; text-align: center;">Tm</div> <p style="text-align: center; margin: 0;">Modelo Formation <i>Silicious shales - well bedded, gray, some Chert Lenses, Petroliferous Shale.</i> UNCONFORMITY</p>	<p style="text-align: center; margin: 0;">Precambrian</p>

Boundary between geologic formations

← - - - - - →
Axis of anticline showing direction of plunge

← - - - - - →
Axis of syncline showing direction of plunge

FAULT
(full line, accurate, broken line, approximate)

↘ 30°
Dip of Bed

↘ 80°
Overturned Bed

TRUE NORTH

MAGNETIC NORTH

Approximate Mean Declination 1917