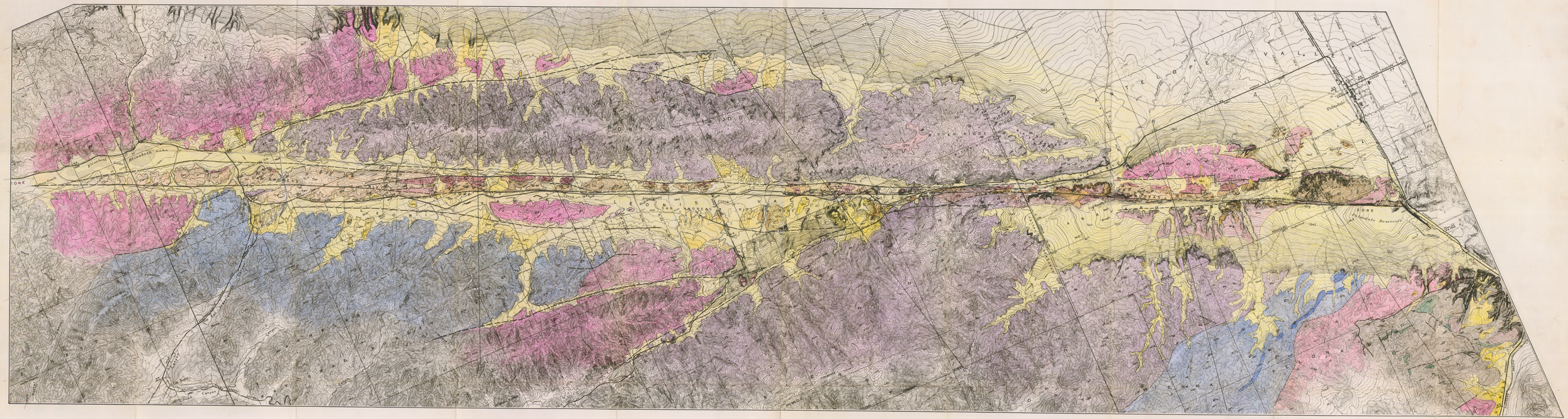

PLATE I

SEDIMENTARY ROCKS

QUATERNARY	RECENT	Qal	Alluvium
		Qtu	Terrace deposits-undifferentiated
		Qtp	Terrace deposits, Pelona schist derivative
TERTIARY	MIOCENE	Tas	Anaverde formation
		Tsc	shale sequence
		Tar	conglomeratic arkose red conglomeratic arkose
		Tc	Old arkose, time relationship uncertain

Contacts exposed
location uncertain
gradational

Faults
location uncertain
questionable fault
geomorphic evidence only
exposed, showing dip, upthrow and downthrow

Syncline, normal, overturned
Anticline, normal, overturned

Dips and strikes sedimentary beds and foliation of metamorphics

A PORTION OF THE SAN ANDREAS RIFT

GEOLOGY BY R. E. WALLACE, 1942

BASE MAP COMPILED FROM U.S. GEOLOGICAL SURVEY TOPOGRAPHIC MAPS

Scale

1 ½ 0 1 Mile

Contour Intervals 5 and 25 feet

IGNEOUS ROCKS

TERTIARY	QUADRANT-PRIMARY	Tr	Rosamond formation, acid flows and tuffs
		Tv	Vasquez series, basalt and andesite flows and corresponding agglomerates and tuffs (green)
PRE-CAMBRIAN?	PRE-TERTIARY	gr	Granitic intrusive, including pegmatitic aplitic and dioritic phases, also gneissic and mafic schist zones
		d	Dioritic intrusive, including granitic phases
		gn	Gneissic complex, biotite schists injected by diorites and granites, extremely distorted and metamorphosed, dark blue is mafic zone
		ps	Pelona schist, metamorphic complex including meta-sediments, several intrusives, plus quartz vein mineralization