

EXPLANATION

Upper Tertiary	Gravel and alluvium	TERTIARY
Lower Tertiary(?)	Andesitic dike rocks	MESOZOIC AND PALEOZOIC
	Sedimentary and volcanic rocks	
Upper Cambrian(?)	Carbonate rocks	PRE-CAMBRIAN
	Potash-rich igneous rocks <i>Only the larger masses are shown</i>	
	Metamorphic rocks	
	Contact	
	Limit of gravel and alluvium	
	Fault, dotted where concealed (Laramide or Post-Laramide in age)	
	Shear zone [Pre-Laramide(?) in age]	
	Ridge crest	
	Secondary road	
	Mine (Zn, zinc; Pb, lead; Au, gold)	
	Th	
	Prospect (Th, thorium and rare earths, Cu, copper, Pb, lead)	
	3	
	Number indicates unnamed claim	
	Simon-Ray claim (Th)	
	Areas shown in detail on other maps	

Planimetry by J.C. Olson from aerial photographs

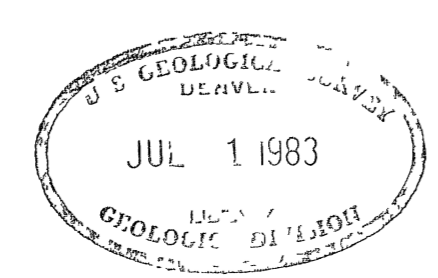


FIGURE 2 - GENERALIZED GEOLOGIC MAP SHOWING LOCATIONS OF KNOWN THORIUM OCCURRENCES IN THE MOUNTAIN PASS DISTRICT, SAN BERNARDINO COUNTY, CALIFORNIA

PLEASE REPLACE IN POCKET
 IN BACK OF BOUND VOLUME

1000 0 1000 5000 Feet

Geology by J.C. Olson and Daniel R. Showe
 1950-1952