Pray-lc-1952
plate 1

EXPLANATION

	Qs	LANDSLIDES, TALUS, AND COLLUVIUM
QUATERNARY	Qal	ALLUVIUM, YOUNGER TERRACE DEPOSITS, AND SPRING DEPOSITS
	Qt	OLDER TERRACE DEPOSITS
	Ps	SAN ANDRES FORMATION
	Py	GLORIETA (?) AND YESO FORMATIONS
PERMIAN	Pa Pau Pac Pal	UPPER TONGUE, CULP TONGUE, LOWER TONGUE — ABO FORMATION
	Pbm	BURSUM FORMATION
	Ph	HOLDER FORMATION
PENNSYLVANIAN	Pb	BEEMAN FORMATION
	Pg, Pbs	GOBBLER FORMATION (BASE OF BUG SCUFFLE LS. MBR. DIFFERENTIATED LOCALLY)
MISSISSIPPIAN (UPPER)	Mu	HELMS, RANCHERIA, AND LAS CRUCES (?), FORMATIONS
	Md	DONA ANA MEMBER OF THE LAKE VALLEY FORMATION
MISSISSIPPIAN (LOWER)	Mo	ARGENTE MEMBER OF THE LAKE VALLEY FORMATION
	Ml	LOWER LAKE VALLEY AND CABALLERO FORMATIONS
DEVONIAN	D	READY PAY (?) MBR. OF PERCHA SHALE, SLY GAP, & ONATE FORMATIONS
SILURIAN (?)	S	FUSSELMAN (?) FORMATION
ORDOVICIAN (?)	Ov	VALMONT FORMATION
ORDOVICIAN (UPPER)	Om	MONTOYA FORMATION
ORDOVICIAN (LOWER)	Oe	EL PASO FORMATION
CAMBRIAN (?)	€b	BLISS SANDSTONE
TERTIARY (?)	Ti	UNDIFFERENTIATED INTRUSIVES

NOT DIFFERENTIATED ABOVE BASE OF ABO

CONTACTS
- DASHED WHERE APPROXIMATELY LOCATED
- INDEFINITE OR GRADATIONAL
- CONCEALED

FAULTS
- DASHED WHERE APPROXIMATE
- SYMBOLS U AND D FOR UPTHROWN SIDE
- D_s DOWNTHROW < 100'
- D_m DOWNTHROW 100–500'
- D_l DOWNTHROW > 500'
- FAULT UNCERTAIN
- LOW ANGLE THRUST FAULT

FOLDS
- ANTICLINE, SYNCLINE (DASHED WHERE APPROXIMATELY LOCATED)
- MINOR FOLD AXES, SHOWING PLUNGE
- STRIKE AND DIP OF BEDS
- STRIKE OF VERTICAL BEDS
- HORIZONTAL BEDS
- TRAILS
- ROADS
- LOCATION OF IMPORTANT MEASURED SECTIONS

TRUE NORTH, MAGNETIC NORTH, 13°

GEOLOGIC MAP OF THE NORTHERN SACRAMENTO MOUNTAIN ESCARPMENT, OTERO COUNTY, NEW MEXICO

CONTOUR INTERVAL 100 FEET
SCALE 1/31,250

0 1 2 3 4 MILES
0 5000 10000 15000 20000 FEET