

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

GEOLOGIC MAP OF PISCAN CRATER AREA, SAN BERNARDINO COUNTY, CALIFORNIA
COMPILED AND MODIFIED BY STEPHEN J. GAWARECKI, 1968

EXPLANATION

Qa	ALLUVIUM	RECENT
Qbg	BASALTIC GRAVEL MOSAIC	RECENT
Qoa	OLDER ALLUVIUM	LATE PLEISTOCENE TO RECENT
Qc	PLAYA DEPOSITS	LATE PLEISTOCENE TO RECENT
Qpa	ALLUVIUM OF BASALTIC PUMICE AND/OR DETRITUS	PLEISTOCENE TO RECENT
Qpb	SCORIALACEOUS PISCAN BASALTIC PUMICE	LATE PLEISTOCENE AND/OR RECENT
Qb3	BASALT OF THIRD PISCAN FLOW	LATE PLEISTOCENE AND/OR RECENT
Qb2	BASALT OF SECOND PISCAN FLOW	LATE PLEISTOCENE AND/OR RECENT
Qb1	BASALT OF FIRST PISCAN FLOW	LATE PLEISTOCENE AND/OR RECENT
Qps	BASALTIC PUMICE OF SUNSHINE CONE	PLEISTOCENE
Qbs2	BASALT OF SECOND SUNSHINE FLOW	PLEISTOCENE
Qbs1	BASALT OF FIRST SUNSHINE FLOW	PLEISTOCENE
Qof	OLDER FANGLOMERATE AND GRAVEL	PLIOCENE OR PLEISTOCENE
Qtc	CLAYSTONE	PLIOCENE OR PLEISTOCENE
Tb	BASALT OF PETER'S MTH. AND E. OF LAVIC LAKE	OLIGOCENE, MIOCENE, OR PLIOCENE
Tfg	FANGLOMERATE OF GRANITIC DETRITUS	OLIGOCENE OR MIOCENE
Tt	TUFF BRECCIA	OLIGOCENE OR MIOCENE
Tab	ANDESITE BRECCIA	OLIGOCENE OR EARLY MIOCENE
Tdp	DACITE PORPHYRY	OLIGOCENE, EARLY MIOCENE, OR OLDER
bga	BIOTITE QUARTZ MONZONITE	PROBABLY MESOZOIC

QUATERNARY
TERTIARY

CONTACT
DASHED WHERE GRADATIONAL OR APPROXIMATE
U
D
FAULT

DASHED WHERE INDEFINITE; DOTTED WHERE CONGEOLED; QUERIED WHERE DOUBTFUL
U/D, RELATIVE VERTICAL COMPONENT OF MOVEMENT
DOUBLE ARROWS INDICATE RELATIVE LATERAL DISPLACEMENT

VOLCANIC VENTS

COLLAPSED LAVA TUBE

PROSPECT SHAFT MINE OR QUARRY INSTRUMENT STATION

