

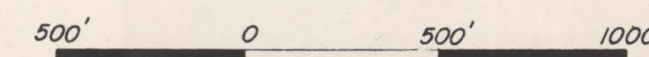
EXPLANATION

QUATERNARY	Qal	QUATERNARY ALLUVIAL MATERIAL
	Tvd	VOLCANIC DACITIC FLOWS. DACITIC FLOWS WITH SOME POSSIBLE FLOW FOLIATIONS. LIGHT GREY, GLASSY WITH PHENOCRYSTS OF PLAGIOCLASE AND HORNBLLENDE.
TERTIARY	Tvyt	VOLCANIC YELLOW TUFF. A MED-COARSE GRAINED YELLOW-BROWN TUFF. CONTAINS QTZ., PUMICE FRAGMENTS, FELDSPARS AND SMALL ROCK FRAGMENTS. POSSIBLY WEATHERED EQUIVALENT OF Trpt.
	Trpt	RHYOLITIC PUMICEOUS TUFF. WHITE TO PINK FLOW BANDED TUFF. CONTAINS QTZ., COMPRESSED PUMICE AND VESICLES.
	Tva	VOLCANIC ANDESITE FLOWS. ASSORTMENT OF GREY-GREY GREEN ANDESITIC FLOWS. MOST HAVE APHANITIC-GLASS MATRIX WITH PYROXENE, HORNBLLENDE & PLAGIOCLASE PHENO'S.
	Tvp	VOLCANICS PURPLE TUFF. A HIGHLY FLOW BANDED PURPLE TUFF. CONTAINS NO QTZ. PUMICE FRAGMENTS ARE PRESENT.
	Tvgi	VOLCANIC GREEN IGNIMBRITE. A GREEN, FLOW BANDED TUFF OR IGNIMBRITE. CONTAINS VERY DISTINCT DARK GREEN, PANCAKE LIKE LENSES OF CELADONITE (?).
	Tvi	VOLCANIC IGNIMBRITE. A LIGHT GREEN-GREENISH BEIGE TUFF OR IGNIMBRITE. EVERYWHERE SEEN THIS UNIT CARRIES DISTINCT SMALL PATCHES OF CELADONITE.
	Trct	RHYOLITIC CRYSTAL TUFF. A WHITE, WELDED RHYOLITIC TUFF WITH MODERATE PHENO-CRYSTS OF QTZ. AND FELDSPAR. THIS IS A PATCHY, DISCONTINUOUS UNIT AND IS USUALLY FA STAINED. THIS UNIT IS REPORTED TO BE WIDESPREAD AT THE BASE OF THE TERTIARY.
MESOZOIC	grp	GRANITE - RHYOLITE PORPHYRY. A BUFF-PINK, RHYOLITE PORPHYRY DIKE ROCK AND AN EQUIGRANULAR, FINE-MED. GRAINED GRANITIC DIKE ROCK. THE FELDSPARS ARE ARGILLICALLY ALTERED IN THE RHYOLITE PORPHYRY.
	Rb	TRIASSIC BRECCIA. A GREYISH GREEN-LIGHT GREEN BRECCIA AND/OR CONGLOMERATE. THE CLASTS ARE CHERT (~40%), VOLCANICS (~50%), AND GARNET (~10%) - THEY ARE ANGULAR TO WELL ROUNDED. THIS UNIT CARRIES DISSEMINATED GARNET IN MOST PLACES. SIZE RANGE OF CLASTS IS A FEW mm UP TO 6-8 cm.
	Rh	TRIASSIC HORNFELS. A DARK GREY GREEN, FINE GRAINED HORNFELSIC ROCK. THIN SECTION WORK INDICATES A DEVITRIFIED, SILICIFIED TUFF. THIS UNIT IS LOCALLY BLEACHED TO A LIGHT GREENISH GREY.
ATTITUDE OF VERTICAL JOINTS		INFERRED FAULT
ATTITUDE OF VERTICAL BEDS		INFERRED FAULT UNDER COVER
QUESTIONABLE STRIKE AND DIP		FAULT WITH PLUNGE
ATTITUDE OF SHEAR		FAULT ZONE
STRIKE AND DIP OF BEDDING		PROSPECT
STRIKE AND DIP OF JOINTING		ADIT
STRIKE AND DIP OF FOLIATION		ANTICLINE
GRADATIONAL CONTACT		SYNCLINE
CONTACT		INFERRED ANTICLINE
INFERRED CONTACT		INFERRED SYNCLINE
INDICATES DIAMOND DRILL HOLE		

GEOLOGIC MAP
PEPPER SPRING PROSPECT

MINERAL COUNTY, NEVADA
SCALE: 1"=500'

CONTOUR INTERVAL: 40 FEET



CONTINENTAL OIL COMPANY
MINERALS-METALLICS
RENO OFFICE

Conoco
Pepper Spring Project
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Item 20