OUTLINE OF PS CLAIM GROUP

Silver Dike fault zone (large fault zone w/abundant qtz. veining)

DDH-PS1

Pepper Spring

Mine

T. 6 N.

T. 5 N.

R 33 E

R 34 E

36

31

32

EXPLANATION

CENOZOIC

QUATERNARY

Qal — QUATERNARY ALLUVIAL MATERIAL

TERTIARY

Tvd — VOLCANIC DACITIC FLOWS. DACITIC FLOWS WITH SOME POSSIBLE FLOW FOLIATIONS. LIGHT GREY, GLASSY WITH PHENOCRYSTS OF PLAGIOCLASE AND HORNBLENDE.

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, HORNBLENDE & 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 CARRIED DISTINCT SMALL PATCHES OF CELADONITE.

Trct — RHYOLITIC CRYSTAL TUFF. A WHITE, WELDED RHYOLITIC TUFF WITH MODERATE PHENOCRYSTS OF QTZ. AND FELDSPAR. THIS IS A PATCHY, DISCONTINUOUS UNIT AND IS USUALLY Fe 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.

TRIASSIC

Trb — 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.

Trh — 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
- ATTITUDE OF VERTICAL BEDS
- QUESTIONABLE STRIKE AND DIP
- ATTITUDE OF SHEAR
- STRIKE AND DIP OF BEDDING
- STRIKE AND DIP OF JOINTING
- STRIKE AND DIP OF FOLIATION
- GRADATIONAL CONTACT
- CONTACT
- INFERRED CONTACT
- INDICATES DIAMOND DRILL HOLE
- INFERRED FAULT
- INFERRED FAULT UNDER COVER
- FAULT WITH PLUNGE
- FAULT ZONE
- PROSPECT
- ADIT
- ANTICLINE
- SYNCLINE
- INFERRED ANTICLINE
- INFERRED SYNCLINE

GEOLOGIC MAP

PEPPER SPRING PROSPECT

MINERAL COUNTY, NEVADA
SCALE: 1"=500'

CONTOUR INTERVAL = 40 FEET

500' 0 500' 1000'

CONTINENTAL OIL COMPANY
MINERALS-METALLICS
RENO OFFICE

EXCELSIOR

Pepper Spring
Conoco - Excelsior Area (208)
Item 20

4410 0098