5 cm

E.L. 9/66 BOUNDARY

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ELDON GROUP SEDIMENTS

GORDON LIMESTONE

OWEN CONGLOMERATE

CAMBRIAN UNDIFF.

OWEN CONGLOMERATE - SANDSTONE

CAMBRIAN UNDIFFERENTIATED

MORAINE
Owen Conglom. Qtzite. Blocks

LANDSLIP

RHYOLITE LAVA

RHYOLITE LAVAS
SUBAERIAL - SHALLOW WA
flow banded with ignimbr
ash and minor hemat
siltstone.

IGNIMBRITES/ MINOR ASH, LAVAS
SUBAERIAL
Ignimbrites massive, feldspar phyric rarely with lithics or fiamme.
Ash restricted to very fine grained siliceous lenses.
Lavas massive - flow banded.

ASH

RHYOLITE LAVA

CAMBRIAN UNDIFFERENTIATED

OWEN CONGLOMERATE

GORDON LIMESTONE

INTERPRETTED POSITION

YOUNGER CAMBRIAN

SNAKE SPUR/GARFIELD RIVER SEQUENCE

GLACIALS

LIMIT OF EXTENSIVE FLUVIO GLACIALS

GORDON LIMESTONE (ALLUVIAL COVER)

FLANIGANS GOLD

OWEN/ELDON GROUP ?

SILTSTONE

SANDST micaceous

OWEN/ELDON GROUP

SHALE

SANDSTONE micaceous

QUARTZ RICH VOLCANICLASTICS

COARSE VOLCANICLASTIC

(ALLUVIAL COVER)

GORDON LIMESTONE

SNAKE SPUR/GARFIELD RIVER SEQUENCE

SHALES FINE TUFFACEOUS SEDIMENT

COARSE VOLCANICLASTIC

SHALE/CHERTS

COARSE VOLCANICLASTICS

SANDY SILICEOUS SHALE MASSIVE

TUFFACEOUS SHALE

RHYOLITE LAVA
qtz biotite porphyritic

SANDY SILIC' SHALE
massive

COARSE VOLCANICLASTICS

RHYOLITE LAVA
qtz biotite porphyritic

SNAKE SPUR/GARFIELD RIVER SEQUENCE
fine-coarse grained volcaniclastics
minor rhyolitic lavas

Quartz feldspar phyric volcanics
medium grained, foliated
sericitized, pyrite.

QUARTZ SERICITE SCHISTS
Qtz feldspar phyric volcanics
fine-medium grained subaerial-
water laid lithologies frequently
pyritic.

Section 2688
Approx. location
Shaft, tunnel, trenching

Section 2275 - Approx. position
Pyritic schist with specular hematite
near Owen Contact Schist slate with
galena joint faces

Section 4587 Approx. position
pyritic schist barite hematite
veining

IGNIMBRITE
feldspar phyric
fine ash ground mass

SHALES FINE TUFFACEOUS SEDIMENTS

Snake Spur Costein
Section 3025

Section 2101 approx. position
Tunnel, trenches in pyritic
schist.

RHYOLITE LAVAS, IGNIMBRITES
SUBAERIAL VOLCANICS DOMINANT
alteration minor, massive

RHYOLITE
feldspar
phenocrysts

IGNIMBRITE
feldspar phyric with
ash, fine tuffaceous lenses

IGNIMBRITE Feldspar
phyric Ash, fine tuff
lenses

IGNIMBRITE
quartz feldspar
phyric

ANDESITE LAVA
hornblend
porphyritic

ANDESITE LAVA
hornblend porphyritic

RHYOLITE, LAVAS, IGNIMBRITES
MASSIVE SUBAERIAL VOLCANICS DOMINANT
alteration minor

QUARTZ SERICITE SCHISTS
Quartz feldspar phyric volcanics
fine-medium grained subaerial
water laid lithologies frequently
pyritic.

CAMBRIAN UNDIFFERENTIATED

OWEN CONGLOMERATE - SANDSTONE

Approx. Trend of
SHALE/ LAVAS

FLAT LYING

VOLCANICLASTIC CONGLOMERATE

VOLCANICLASTIC CONGLOMERATE

CAMBRIAN UNDIFFERENTIATED

Fine tuffaceous
chloritized sediment

IGNIMBRITE ?
Qtz feldspar phyric, massive
fine glassy ground mass
variable lithic component
foliated, sericitized.

Fine tuffaceous
sediment

WESTERN LIMIT OF FOLIATED SERICITIZED VOLCANICS

WESTERN LIMIT OF FOLIATED SERICITIZED VOLCANICS

RHYOLITE LAVA
massive, some feldspar
phyric

IGNIMBRITE ?
qtz feldspar phyric

SHALE TUFFACEOUS SEDIMENTS

Rhyolite lava
massive

RHYOLITE LAVA

SHALE LENSES

EASTERN CLARK VALLEY
SHALE/LAVA SEQUENCE

IGNIMBRITE ?
qtz feldspar phyric, massive
fine glassy ground mass
variable lithic component
foliated, sericitized

RHYOLITE LAVA
massive

VOLCANICLASTIC CONGLOMERATE

CAMBRIAN UNDIFFERENTIATED

VOLCANICLASTIC CONGLOMERATE

IGNIMBRITE
qtz feld phyric
fine ash ground mass
no lithics

SHALE, CRYSTAL TUFF

EQUIVALENT OF SNAKE SPUR/
GARFIELD RIVER SEQUENCE ?

POSITION / STYLE OF OWEN
CONTACT UNKNOWN