Traffic Mountain Area

020549

Pike Claims

Grid Geology

Base line 0+00

Mixed qtzite, gr, sl rubble

BL 47+75 - Buff quartzite

BL 145+50 " "

BL 30+50 W - 32+00 W - Strs

BL 55+75 - 54+50 - 25's - 77's
ato medium grey, fine
grained slate - highly
sheared - rusty weathering
prominent - strs - 290 - 70°

BL 45+00 " dikes

BL 56+50 " dike
vertical 15' right of line
100' ato 11 Strs

BL - 80 W - gulch

~~Bt~~ 80 N- — no ate

76 + 11 - float - black slate

+ 17 " - slate

stream + 18

L72 no ate

L68 no ate.

Line 52

½+00 S - 1+00 W - sheared - rusty weathering fissile slate. but py 10^{-3} - 8 OS

2+00 S - intrusive - probably Granodiorite - 5% - feldspar ~ 15-20% biotite - rusty weathering but only very sparse py. Seen

3+00 + 100' W to 2+50 E - 1+00.

white granite poor in biotite - qtz - feldspar phenocrysts - med - fine grained 50 E → - altered - contains py + tr cpy - rusty weathering - mineralized patchy

4+00 - 3+60+50 E - rusty weathering siliceous intrusive - lots pyrite

6+60S +50 E to rubble under tree - black - fissile - rusty weathering - evenly laminated - organic state

10S - bottom of hill

L 56

10S - base of hill

2+50 S - contact - grey slate to S - granite to N - into in sill

contact @ 300° 80 N.

- intrusive very fine grained
- siliceous - rusty
weathering sparse py

2+00 - rusty weathering
quartz feldspar porphyry

1+25 - rusty weathering
intrusive - in part
very slightly altered
/ porphyry

0+75 - siliceous intrusive
- quartz eyes prominent
- dissem py
- arseno pyrite vein
35° - 70° E
1/2 inch wide
- altered halo

0+25 - sediments sheared slates

L 54

0+90S + 25W - sed

0+00S + 25W - f.g grey porphyritic granite - sparse biotite - qtz eyes - bit diss py.

1+00S + 1+00W - f.g - porph rusty weathering granite - sparse py

1+50+00S + 100W - med grainey grey quartz rich rock - pyrite diss w. trace cpy

1+00S - 25E - Latte

1+50S + 50E - 15% biotite - hornblende granite rusty - pyrite not seen

1+75 S - 100 E - mostly qz - less
bio than above

2+50 S - 60 - 100 E - white biotite
- blk granite - fresh

3+25 S - contact of granite
with blk slates - attitude
of contact - 315° - 70 S
- FG chills - w grey
- quartz eyes + feldspar
phenocrysts -
- slates fractured highly fractured
both v fresh
- some shearing in intrusive
// contact

Switched to plotting in
field on graph paper

Pike Ca^t Trench. #1.

Strike of trench 15°

Start 3' = W side outcr

3-5' - silicated slate - qtz pods
Grey to white - rubbly
- red weathering
~~py~~ sparse py - ~~cpy~~ - apy.

5'-17' - arsenical zone -
cuts intrusive str ~~N~~ 0° ~~E~~ - 80W
both replacement type qtz vein
and fissure filling - some calcite
- contains seams and breccia
fillings of ~~[illegible]~~ apy
with unknown grey metallic
(soft) mineral - probably
arsenical sulphosalt - also py.
- some Cpy and galena
- zone is very rusty.

17'-41 Intrusive unusual gramps
but probably granitic - fine
to medium grained - qtz variable
to 15% - mostly feldspar +

very few mafics - some greenish alteration, probably epidote after feldspars - feldspar all white - sulphides mostly pyrite in some qtz - sparse cpy + possibly bit bornite - bit sphalerite at 34'

Jointing at 33'

20° 70° W

41-52 - highly altered sericitized intrusive - pyrrhotite ~~sulphide~~ in pyrite - local cpy and apy - ? assemblage - some rusty chalcocite

52-57 - normal intr

57-63

highly altered & weathered out - some massive apy - bit cpy

exposure in base of trench between 52 + 63 indicates good grade Cu in greenish intrusive - should be blasted out

63 - 72.5 Typical unit
- fractured - small amount cpy in fractures

72.5 - 75 - sediment inclusion
- mineralized fractures
Sph cpy - py - dark
- med green - fine grained

75 - ≈ 100 - typical unit
- contact not exposed
- red float in vicinity
certain Sph, gal - but cpy ∓ unknown grey mineral
- Segls - white schistose slate

at S end of trench

3 - 38' - fissile slate broken + shifted zone diagonally across trench - extension of Arsenical zone into seds

31' comes W.
3 on S side

Trench #1

N Side

3' - 25'

fissile slate -

- silic zone from other contact strike wall at 3'

25 - 37 - normal intrusive locally slightly altered.

- contains clusters opy - ? grey mineral - pyrite and lot cpy - ~~a~~ seam of opy material in bottom of trench in line with

S side 41 - 52'

37 - 64 - intrusive

64 - ~~91~~ covered

- opy float at 66'

91 - 111 - normal intr. - lot cpy at 93

111 - 117 - white silic. Seed cpy - sal dusser spots

117 - 136 - sed

Pike Cat Trench #2

Strike 170°

Geology from S to north

0

0 - 72' grey-black slates - thinly foliated + banded + in part graphitic - veined by calcite

Strike 100° dips vert

72' - 73' - silicified slates - hard - dense + shorty looking

73 - 79' ditto rock

79 - 80' - silicified slates as above - strike 355°

80 - 87 - ditto slate - medium grey to black -

87 - 97 - med grey to black - highly silicified slate

no sulphides seen in rock

Soil profile

6" Bare humus

15" Grey pebbly, sandy soil

18" - with rusty frags

24" rubble