

LEG 1

KM.

83.2 Start of Main Logging Road

84.15 HORNBLENDE ANDESITE BRECCIA

- ang. boulders on roadside.
- tectonic breccia, fragments supported, very little other matrix.
- andesite is vfg, dk. green, w approx 10% hornblende + pyroxene.
- size of fragments quite variable
- to px.

85.70 Small Creek

85.90 Major road junction. ✓

86.15 Bldg. + turn-off to south. ✓

86.30 Road to north, then road to south.

87.50 Small lake south side of road.

88.10 Road to North

89.10 " " South

89.25 HORNBLENDE ANDESITE BRECCIA

- small O.C. plus ang. frags. (w/ <sup>hard</sup> wood)
- frags not well defined.
- also appears to be a few fragments of a grey porphyry w. white, small, rounded phenocrysts; cannot get fresh surface.

Wit Wag Showing  
Chuchi Lake

671235

93N/i

①

## 89.35 TECTONIC BRECCIA

- Large O.C. N side road
- Frag of at least 3 different rock types:
  - ① Hornblende Andesite
  - ② Vesicular Dacite
  - ③ Felspar Porphyry
- Frag of quite variable size, but generally  $< 2$  cm.
- slightly rusty, some epidote alt.
- may be a fair amt. calcite in the matrix.

80891

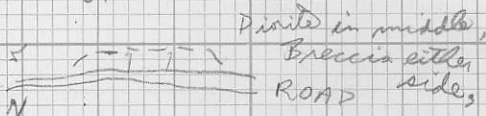
Cu 72, Zn 92, Au &lt; 10

## 89.45 Ang. boulders of

- ① Tectonic Breccia
- ② Diorite: massive, f.g. grey-green.

## 89.55 TECTONIC BRECCIA

+ DIORITE

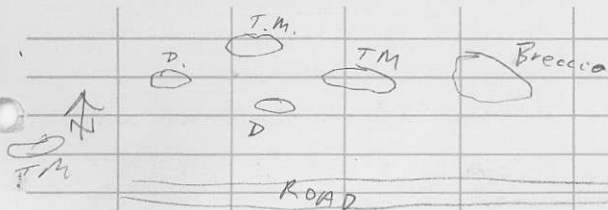


- Exposure not good enough to pinpoint contacts.

## 89.63 TECTONIC BRECCIA

TUFFACEOUS METASED + DIORITE

- Metased is f.g., weathers grey, fresh surface dk green.
- grains are not interlocking
- felspar grains are small, but stand out readily on weathered surface.



89.75 Rubble

- Rhyodacite: fresh surface med grey, vfg., some secondary silica.
- also tectonic breccia + tuffaceous metased. (rusty)

89.85 TUFFACEOUS METASED. 80892

- O.C. N side road, Cu 52, Zn 56, Au < 10
- Layering visible for the first time, variable thickness, up to 2 cm, but is not really that common, as most of the O.C. is massive.
- Rusty zone (0.3 x 1 m) sampled for assay; No mineralization noted.
- Very small O.C. at W. end that appears to be a FELDSPAR PORPHYRY, dk green, fine to med. gr., Th. py.

89.95 TECTONIC BRECCIA (N. side road)

- O.C. plus lots of rubble.
- also small O.C. of the Tuffaceous Metased.

90.45 Small Half-Ass Creek

91.50

- Large O.C., variable comp.
- seems dacitic in places, dk green, rather siliceous; other places, looks much like andesite, locally a trachytic andesite. Also tectonic breccia rubble in O.C. and rubble.

92.10

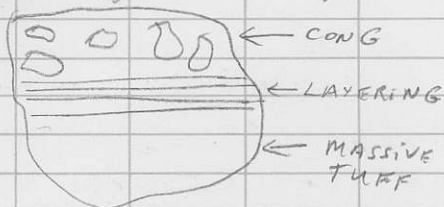
## TUFF BRECCIA

- weathers buff.
- fresh surface med. green, fine to med. grained, andesitic comp.
- crystal tuff groundmass, feldspars visible, some lapilli size frags.
- main fragment type is a grey-white TRACHYTE (?) w. a lot of feldspar, some biotite.
- Frags generally angular, some are rounded, largest seen is 16 cm, generally are 5-8 cm.
- Frags compose approx 5% of O.C.

## VOLCANIC CONGLOMERATE

- larger O.C. to SW, further from road.
- groundmass seems the same tuffaceous material
- clasts are quite variable in size, from a few mm. to 35 cm.
- Clast types: ① Vesicular dacite ② TRACHYTE. ③ Rhyodacite and even the odd epidote clast.
- Clasts are subround & round, the odd clast is ang.

- in one piece of rubble, contact seen between the conglomerate + a layered tuffaceous rock type



92.95 VOLCANIC CONGLOMERATE

- small o.c. same as above.

93.60 Road off to SE

94.00 " " " SW

94.40 Small Creek

94.50 PORPHYRITIC ANDESITE (small o.c.)

- weathered surface light brown.

- feldspar (small) visible on weathered surface.

- fresh surface f.g., dark green.

94.65 ANDESITE

- fair - size o.c. much as above, but not noticeably porphyritic

- main point is variability of weathered surface - grey on some, brown-red on others (iron-stain).

94.70 GREY PORPHYRY

- rubble only; contains feldspars plus rounded, white-beam colored phenocrysts

- 95.70 TRACHYTE (?) N. side  
 - weathers buff-grey  
 - fresh surface light grey, aphanitic groundmass  
 - little or no qtz.  
 - contains feldspar, hornblende, magnetite
- 96.40 Fair size creek
- 96.75 Creek
- 97.25 VOLCANIC CONGLOMERATE  
 PLUS ANDESITE (N. side road)  
 - Contact not visible, but trend  
 is approx.  $260^\circ$   
 PHOTO of CGL.
- 97.35 VOLCANIC CGL  
 - small o.c. N side rd.
- 97.65 Turn to right, road goes  
 straight, continue straight
- 97.85 Y junction, take left hand  
 road, also road going E
- 98.20 ANDESITE  
 - small o.c. S. side rd.  
 - dk. green, <sup>Fg</sup> feldspar (plag), locally  
 trachytic texture.  
 - VOLC. CGL on other side of rd,  
 Poorly exposed.
- 98.30 VOLC. CGL.  
 - small o.c.
- 98.40 VOLC CGL.  
 - clasts generally 5 cm only a few  
 larger clasts (15-20 cm)

Cu 26 Zn 54 Au 40

99.55 ANDESITE

80893

- large o.c. N. side rd. 80894

- very rusty.

Cu 36 Zn 20 Au 40

- 2 samples for assay: 1 of rusty andesite, second of strongly weathered, possibly silicified (?) zone which appears to be more felsic, is irregular, no particular shape.

99.75 Creek

102.50 " Good Log Bridge

102.90 " Small " "

104.10 Road to SW going down to truckin

104.25 Small o.c.

DIORITE

- grey, med. gr., lot of plag.

104.50 DIORITE.

105.10 Old road going off to NW

106.60 " " to NE

108.00 ANDESITE (large o.c. N side rd)

- dk. green, f.g., weathers gray,  
to py, epidote.

Cu 78 Pb 34 Zn 124 Au 410

A4 2.8

80899

108.35 Andesite as above. Rusty zone assay sample

108.55 " " "

108.75 Road going up to NW (Y junction)

110.30 Creek, w. good log bridge.

110.50 smaller rd. going to NW.

111.65 End of good truckin; road continues to W. good walkin.

## MAIN LOGGING ROAD

LEG 2

- 8.5 <sup>Km</sup> Main turn
- 22.95 Turn W on road @ 74 mile post
- 23.40 Road beside N.  
VOLCANIC CONGLOMERATE
- as usual from previous notes
  - O.C. W. side road, fair size.
  - also rubble on both sides of road.
  - some frags fairly coarse (30cm)
  - also 2 smaller O.C. slightly further on,
- 23.50 VOLCANIC CONGLOMERATE (white)
- as before, maybe fewer clasts & more matrix.
- 24.10 VOLCANIC CONGLOMERATE
- small O.C. W side rd.
  - S.O.S.
- 24.15 VOLC CGL
- small O.C. E side rd.
- 24.20 small O.C. W side rd.
- 24.30 Good bend to W., then Y junction  
Take right hand road.
- 24.35 VOLC. CGL
- as usual; fair size O.C. W side road
- 24.60 Bend to W.
- 24.85 Junction to North, continue on W.



## 25.85 VOLCANIC CGL.

- as usual
- more matrix than clasts
- small o.c. N side rd.

## 25.95 VOLC. CGL. (S side rd)

- mostly fresh o.c., not much good weathered surface
- fresh surface med green, fine to med. gr. (local)

## 26.05 ANDESITE

- med green, mainly f.g., locally medium grained. Some plagioclase phenocrysts visible. Small o.c. N side rd.

## 26.25 ANDESITE

- small o.c. S side rd.
- strongly weathered & crumbly, slightly rusty.
- locally vesicular, also local epidote alt.

## 27.20 ANDESITE plus RHYODACITE (?) 80895

Cu 42 Zn 68 Au 410

- o.c. N side rd.
  - Andesite dk green, f.g. massive.
  - Rhyodacite strongly weathered, rusty, fresh surface light grey, aphanitic w green feldspar phenocrysts
  - Two samples of rhyodacite, one rep, one for assay.
  - o.c. strongly fractured.
- End of this leg.

Check out road to SE @ 10.4 KM  
in from logging rd + main rd junction

35.6 Junction

35.85 VOLC. CGL.

- rubble on N side rd.
- Lack of O.C.

Abandoned after 2 KM

LEG 3

Check out road heading 310° (7.7 km  
in from main road)

40.20 Start

40.50 Junction, take left road

40.95 Small O.C.

DACITE

- grey, aphanitic matrix w. approx 5% pyroxene (1-2 mm).
- weather a knobby, rounded buff surface.

41.45 Rubble pile at side of road

- Andesite most common type, but other ang & rounded rock types occur.

41.55 - 41.73

VOLCANIC CONGLOMERATE +  
ANDESITE

- Andesite is dark green w. lot of pyroxene + hornblende; one variety is f to med. gr., med. green color.
- No contacts seen, things are messed up.

~~6285~~ ANDESITE CRYSTAL TUFF

- Weathers buff-pink
- fresh surface dk green, f.g., plag crystals visible.
- small weathered exposure on top is brecciated, probably tectonic: frags are generally small, largest  $9 \times 3$  cm rectangle, also generally rounded i.e. reworked along small fault

ANDESITE CRYSTAL TUFF  
(TRACHY-ANDESITE)

- as above, but locally trachitic texture visible on weathered surface
- one small (0.4%) tectonic breccia zone

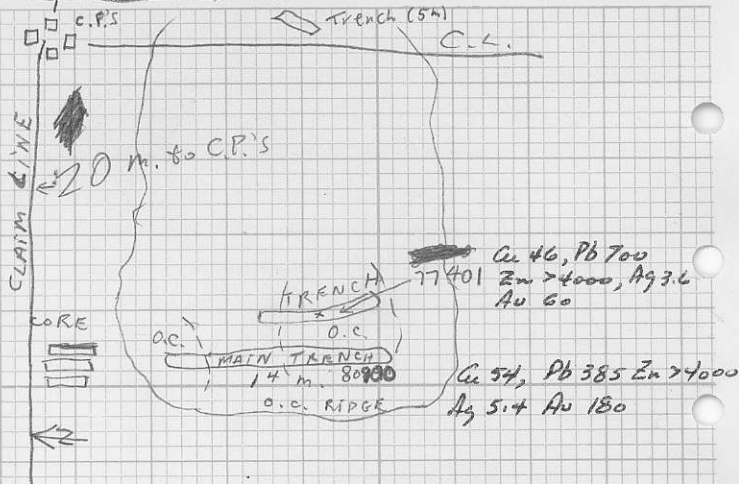
## CLAIMPOSTS

- just into brush SW of O.C.

GEE #5	128035 m	} C.J. CAMPBELL	
#6	128036 M		1971
TEACE #5	153386	} A.R. TAYLOR	
#6	153387		1972
#3	153385		
#4	153384		
WON #1	5919	} TAYLOR	
WON #2	5920		1970
WET CLAIMS	484288	Writing illegible	

LOGGED AREA

METRIC LEVEL



## WIT SHOWING

- m. W of group of claim posts.
- 2 trenches trend approx.  $190^\circ$
- Length
- Well-pronounced jointing @  $180^\circ/90^\circ$
- Apparently it's just a lousy fuckin quartz-barite vein w. a very minor amount of galena + possible sphalerite
- Two samples for assay (80900)  
Cu 54, Pb 385, Zn > 4000  
Ag 5.4 Au 180
- Host is andesite; vein has rough banding E-W.

Cancel this comment. I think  
bro if you see  
this hole is the  
good stuff.

Cu 46, Pb 700  
Zn > 4000, Ag 3.6 Au 60  
77401 ( )

- old drill core just 20m to N.
- nothing much to see, can't read any box No etc.
- rocks are red trachyandesite, green andesite, some basalt
- no mineralization
- small trench (5m. at E end of ridge.
- S.O.S. Vein appears to be thinning out.
- contains frags of red-brown cherty rock

- on large ridge in logged area
- VOLCANIC CONGLOMERATE
- Matrix f.g., reddish, contains at least 4 different types of clasts:
  - ① Red vesicular tuffite
  - ② Trachyte Porphyry
  - ③ Grey tuffite
  - ④ Buff weathering Andesite

- one small part of the O.C. on the SW is ANDESITE CRYSTAL TUFF
  - weathers buff w. white feldspare
  - fresh surface f.g., med. green.

→ - Clasts are matrix-supported, vary from about 20-40% of the rock, are generally rounded, a few are subangular, largest seen is 20 cm

- At one spot at the top of the ridge, the fragments are generally subangular, comprise 26% of the rock and seems to look more like a TUFF BRECCIA

- Fault along S. edge of ridge, with a minor amt. of  $qtz$  +  $barite$  veining (quite small) w. galena & possible sphalerite, both dissemin.

## CHEMICAL SEDIMENT

- S. side of ridge.
- in contact w. the volcanic conglomerate
- Carbonates (aragonite?) plus silica, brown + white layering, sometimes contorted w. spherulite and galena, locally concentrated in small pots + veins
- Zone trends E-W, is at least 20 m wide.
- old Winkie drill platform at base of O.C.

## TUFF BRECCIA, LAPILLI TUFF + (LOWER AREA) CHEMICAL SEDIMENT

- weathers red-orange to buff
- lots of Mn stain on fractures.
- Tuff breccia on W end grades to lapilli tuff in E., w. minor amt of chemical sed. intercalated.

## VOLCANIC CONGLOMERATE (TRACHYTE ? PORPHYRY ?)

- different than above in that matrix + clasts are all 1 comp. (see ref. sample).
- color varies from reddish purple to purple to orange, feldspars visible (greenish) also a lot of a waxy green mineral (greenochite) and some epidote.
- seems like a reworked autobreccia.

WIT 47534 Sept 29/79

IE OS

$$\begin{array}{r} 87.25 \\ @ 86.4 \\ \hline 0.83 \end{array}$$

## LEG ④

87.30 Start on rd to O-1 (Triple junction)

87.55 ANDESITE

- f.g. dk. green, weathers buff-green.
- locally trachytic texture
- also local areas of minor auto-brecciation.

89.15 - Road to NW

89.45 - Road to S

89.65 CLAIM POST (LEGAL POST)

30612 GRID 8

→ 30616 GRID 7

NW  
Corner

C. Elliot

F. Elliot

E. Owen

} MAY 5/80

89.90 Junction, rd to S., keep going W

90.20 Rd up to NW.

91.50 Large cleared area, ~~rd~~ rd goes only slightly further.

93.05 Road to O-2 (Left Turn)

93.40 GRANODIORITE

- fresh surface dark grey, med. gr.

- Plag 50

K-feld 25

Qtz 10

Biotite 10

Hornblende 5



93.45

SYENITE (Small O.C)

K-spx 50

Plag 35

Hornblende 10

Pyroxene 5

Qtz Tr.

Py Tr

93.70 GRANODIORITE

- Large O.C. ridge 100m. to E of road

Middle Junc.

94.30 Start

94.65 SYENITE

- small O.C.

94.95 SYENITE

- small O.C.

- road has curved to S. (left)

95.15 SYENITE

95.30 SYENITE

96.30 ~~MIDDLE~~ RIGHT JUNC.

96.45 SYENITE

96.70 "

97.10 No O.C. end.

LEGEND

- ⑮ Diorite  
 ⑭ Syenite  
 ⑬ Chem. Metased.  
 ⑫ Volc. Cgl.  
 ⑪ Tuff Breccia  
 ⑩ Tuff Metased. ← ⑨ Tectonic Breccia?  
 ⑦ Rhyodacite ← ⑧ Grey Porphyry?  
 ⑥ Trachyte  
 ⑤ Dacite ← ④ Hld. And Breccias  
 ③ Porphyritic And.  
 ② Trachyandesite  
 ① Andesite