

① ENGINEER

July 11/85
cloudy, warm

Landed elev. 3000 ft. - top
(~910m) workings

① ENG-85-1 3000 ft.
Argillite with av. gtz. veins

old cabin below @ 2940'

ENG-85-2 2680 ft.

Large gtz. - bx (argill. frags) + py
+ mariposite
@ 030°/N

~275 ft. long X 15 ft. wide
- some chalcidonic gtz.

Elev. 2540' - DERLUM

core from 1983 - at least 7' thick
- all argillite (+ gtz)

Elev. 2400' - area of 'new' drilling
(1981)
+ 1983

882743

104m/8E

LEVEL (S) 104m 016, 014

And's. dyke in argill. at lake shore
170°/75°N

Elev. 2440 ft

1981 + 1983 drill camp with core
- mainly well bedded
argillite - greywacke
- no qtz intersections
- core not split

1981 11 holes = 3647 ft.

1983 7 holes = 1609 ft.

- shaft + crusher on site (old)

VEIN E

~~600~~ ~~ft.~~ long qtz vein stopped
out to surface
@ 030°/V trending
into shaft + 1983 camp

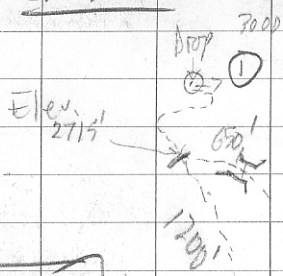
Strike of rx = 145°/75°NE

(i.e. qtz cuts across)
→ entered adit but unsafe floors
- ab. mariposite on dump (+ calcite)

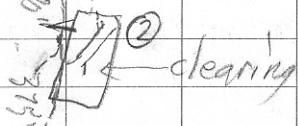
(2)

ENGINEER

Cloudy
warm

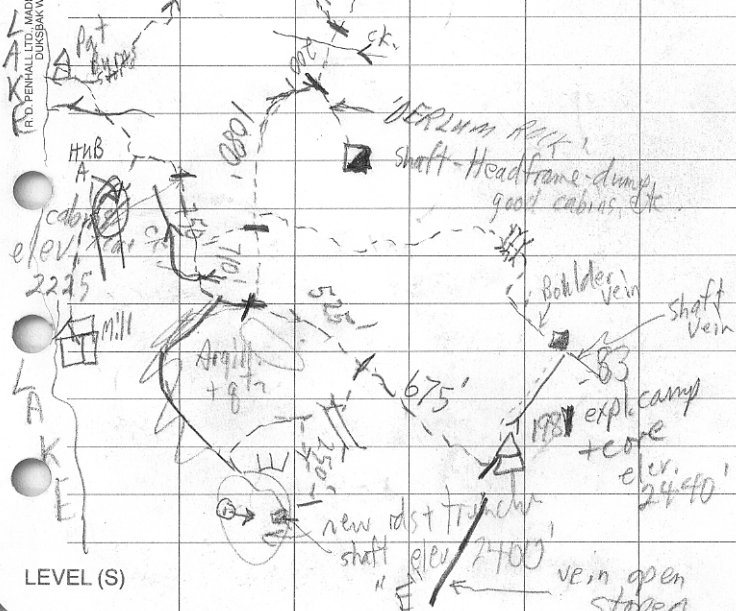


See 1918-1918 Ppt.



Dump in of 2 argill' bx.

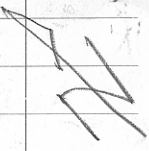
LAKELAKE
R.D. PENHALL LTD. MADE IN VANCOUVER, CANADA
DUKSBRAK WATERPROOF



LEVEL (S)

1983
+ adh

"E" vein
stopped
to surface



trail

shaft
'81+'83 core

Core

1983
expl. sh.

Adit
050°
(see Cairnes
map)

shaft 'vein'



July 11/85

(3) Elev. 2550 on bearing
 050° from VEIN "E"

- old shaft (shaft vein &
 Boulder vein)

150°/80° NE in argill. gully

Elev. 2600 (i.e. ~ 50' above

Boulder vein on 075° bearing

- numerous E-W old trenches

HUB A "A-6" vein

150°/80° NE

Qtz vein in arg.

- numerous trenches @ 0650
 (i.e. across veins)

Lake level 2140 ft.

(P&A Dums cabin)

1981 CORE

81-1 253'

81-2 399'

81-3 400'

81-4 399'

81-5 300'

81-6 347'

81-7 221'

81-8 348'

81-9 365'

81-10 307'

81-11 293'

3641'1983 CORE

83-1 137'

83-2 148'

83-3 208'

83-4 208'

83-5 230'

83-6 328'

83-7 350'

1609'

ENGINEER MINE Aug. 24/78

- by boat - Mike Phipps

Pics

- incl. - Ben - My - Chree

incl. seds (sh) cut by 1 ft. dia
sill + gtz. veining.

- stop at Sim & Mrs. Brooks'

Oct. 1/75

ENGINEER MINE ①

Rare mineral found

→ Aluminite - As-~~Fe~~ alloy

Picture Looking WNW
 along surface expression of
 "shear" zone bordered by
 large qtz. veins - kitchen
 in bkgd.
 40 ft. wide

- Bill Gilmore - geologist, in charge of sampling
- Wright Drilling

- 1st "Pat Burns" store in the North

- Went in portal - No. 5 level
 x-cut

- Host rk. - well bedded ss-sh of volcanic origin

- ammonites & pelecypods in coarse volcaniclastic cong.

Folding is slg. - tight + sharp
- good "stockwork" of gtz
+ gtz bx.

Dykes 3 or 4 var. types
- diorite
- fsp-pg
- dacitic

Faulting / or Shearing
- major ore control

Qtz veins - 1) Massive (bull)
2) Vuggy ("Babe")

Mineralization - Au in gtz.
Now assay. el to, OZ
minor. cpx + arseno. in gtz. ^{g/ton}

Metamorphism (Mylonitization)
- gives rk. a bedded appearance
- rare zones in bx.

A) No. 5 level c) No. 8 level

B) No. 7 level d) No. 11 level

Engineer ②

- Stopes above No. 5 level look well worked out.
Possibly left ore in pillars
- No stoping done below No. 5 level but shaft made down to 8 level.
- water-filled below 6 level.
- Ore potential rakes out in some drill targets but must clean out water 1st.

Lots of old buildings around - mainly caved in - but excellent hardwood inside.

-
- Access Boat + barge from Carcross - 2 $\frac{1}{2}$ hrs. by boat
barge limit - 10 tons
- bad winds on lakes
- vehicle on property

Tom Kirkwood - owned with
3 partners & worked 'till
early '50's.

Good high grade hand picking
- could support 25 ton/day mill.

- Good samples at bottom
of dump below mill at
low water level is Spring.

Engineer Vein
Double Decker Vein

ENGINEER

Aug. 21/03
Sunny. 20°C

- chat with 'Swede' (in Tulsequah Chief camp) - owner (+ Kelly Constr.)
- Wants to dewater from No. 5 level down to No. 8 level to mine high grade ore shoot.
- Has bought a portable mill + mounted on skids, → barge up lake(s) to minesite
- previously - rehabilitated main entry level
- modern pumps = no problem to dewater
- Elec from mainly (trace sulphides)