

100°

60-60

76-9

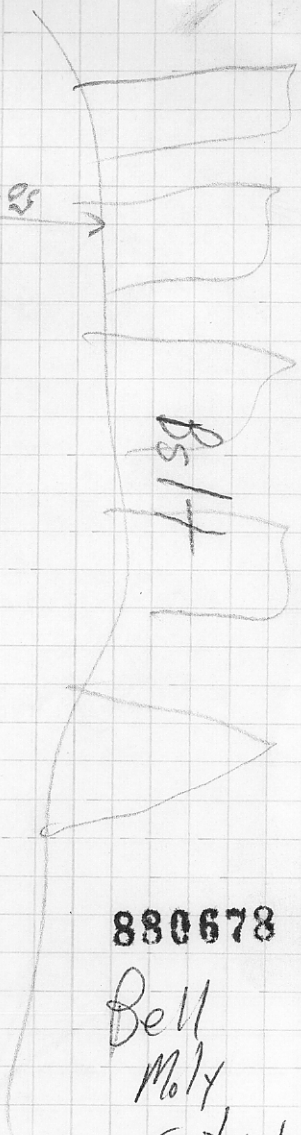
25

Power Line

76-6

Cutaway  
Members

to Kitsault



880678

Bell  
Mo 14

92/21-100

TEMSCO

Helicopters

- Ketchikan

(907)-225-5141

Qtz Hill

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Salisbury & Dietz  
Hospitality suite

76-2 - Bslft <sup>to</sup> hfls.  
to intr.

76-3 - Bslft on top  
- then intr.

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Picture looking towards  
Arm of 1971

Gatenby trenches on  
Bell Mily 'new' zone

'New zone'  
Strong frac. + vein in hornfels  
N 70° E - py in gtz.

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7ddh = 9300 ft  
Hornfels + 'white' QM + bslft  
no late dyking obs'd.

Sept. 17/76

BC Moly

635-3679

Bell Moly

- "killed" - no sig. min.
- "under" burden under lsH cap.
- lots of huffs but not on min.  
min. -  $MoS_2$  + po + cpy
- dxh (1977) in between 1976 dxh + 'old' Bell Moly
- underground mapping + core clean-up  
at Roundy ck. by Bill Duncan
- intr. dyke system (B) at depth (1500')  
just north of 'old' Bell Moly camp.
- NR thru lava + then BR

Sept. 19/77

Talk with Kent

Oct. 9/77

- Approx. 2678.2 metres in 9 vertical holes
- 3 holes on SW zone - intr. at depth - min.  
- same sequence as 1976
- 3 holes north of Main zone - bslt → hntls
- 1 hole to NW - hit unmin. dia po. at depth.
- 2 holes in between Main + SW zones = hntls  
no sig. min.
- only hope = Main zone.

BELL MOLY - 17 September 1976

On September 17th Nick Carter and I examined drill core from the 1976 program at Bell Moly as well as walking around the drill sites near the power line below the basalts. <sup>8</sup>Seven holes were drilled for a total footage of <sup>8951 ft.</sup> ~~near 9300 ft.~~ The typical rock types were hornfels, 'white' quartz <sup>i.e. leucocratic</sup> monzonite and basalt. ~~No late dykes were observed.~~ Strong fracturing and quartz veining trended N70°E on the Gatenby trenches (1971). Some holes (eg. 2 and 3) went through the overlying bslt. into mineralized hornfels and intrusive. However, apparently, one hole was stopped in 500 feet of basalt. Mineralization is identical to the main zone at Bell Moly - MoS<sub>2</sub> in fracs. and Qtz. veins within hornfels and QM.

Kent Card says the drilling picked up a "basal conglomerate" between the basalt and underlying hornfels - very interesting! He also 'hunted' around for more hornfels outcrop in the Clary Lake area but found only seds.

MoS<sub>2</sub> mineralization appeared widespread in drill core but of low grade.

Late, barren basic (diabase?) dykes ~~also~~ present plus late probably lava feeders.

- 7 ddh on 'new' zone + 1 on Main zone (for assessment + check)
- ddh on 'new' zone drilled under lava into hornfels + into leucocratic QM.
- DDH 1 went thru ~ 350 ft. of lava + another ~~400~~ 50 ft. of angular congl. + 100 ft. of unconsolidated <sup>angular bx. with frags. of hornfels + intrusive in bslt matrix.</sup> silty material + abandoned hole.
- DDH 2 (vertical) collared in bslt + went thru.
- DDH 3 (inclined) to go towards projected bottom of 1
- DDH 4 (vertical) - poor grade on top - better at depth.
- DDH 5 (vertical) - better grade than 4
- DDH 6 (inclined) - fair grade (.02 to .14)
- DDH 7 (inclined) - hntls.
- DDH 8 (inclined) - typical seq. + grade (av. .1)

(OVER!)

- 1 ten ft. ser. of 1% Mo
- abundant pyrrhotite both frac. + dissem! (esp. in leuco.)
- Kent would have liked to test hntls zone to NW of Main Zone
- Kent's structural isopach map of grades + intrusive suggest a rise from SW to NE. (ie. along general structural trend of intrusive + fracturing + late dyking.)

Av. est. grade = .06 MoS<sub>2</sub> ?

- 001 8 (inclined) - typical sp. + grade (av. 1)
- 001 7 (inclined) - hntls
- 001 6 (inclined) - fair grade (.05 to .14)
- 001 5 (vertical) - better grade than A
- 001 4 (vertical) - poor grade on top - better at depth
- 001 3 (inclined) to go towards projected bottom of I
- 001 2 (vertical) collapsed in belt + west than
- 001 1 (inclined) - abandoned hole
- of angular congl. + 100 ft. of unconsolidated silty material
- 001 went thru ~ 320 ft. plan + another 400 to 50 ft
- teneoretic + R.M.
- drill on new zone drilled under lava into hornfels + into assessment + check
- drill on 'new' zone + I on Main Zone (for probably lava feeders
- Late, barren basic (diabase?) dykes present plus late