

Sheba 1971-72-73 Drilling
included

- C chalcopyrite
- B bornite
- P pyrite

010295

very
wk min/zn
? ○
gauge
424-433

C, B
10' of .12% Cu

C, B all less than 0.1

Faulting
○ 470-612
very wk
min/zn

very wk
min/zn
○

10' of .21
C, P

all less than
C, B 0.1% Cu

C, B some P
10' of 1.3% Cu

all < .2% Cu
C, B

C, B
flaky sea
flaky sea. C
C, B

10' of .3
20' of .2

ML
NIL

JAY 101
Flaky sea

C, B?

C, B

C, B

○ ?
Very weak
min/zn

○ PN
640-680
0.58 Cu

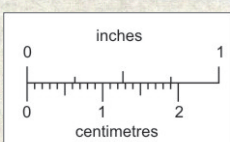
C, B

○ C

○ C

○ ?
Barren

C, B



This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

1971 and 1972 Drill Holes

SHEBA

○ ?
two 50' sections
with high MoS₂ 127 + 241

○ BN7

46 C.S.E
#5-465 Victoria St.
Kamloops, B.C.
Jan. 8, 1973.

Dear Bill

Sorry this is a little late but we just moved into our house on the 5th & things have been hectic to say the least.

According to Salcken's & Komura's report the following are the drill hole results, shown on accompanying sketch map:
Locations

S-72-1 - 0-159' - overburden

159'-802' - Bethlehem Granodiorite - fresh, m.g., generally unaltered. Propylitic alteration in shear zones. Sericite, chlorite, clay & Fe-p alteration minerals. Cpx, py & Bo - fracture filling & matrix replacement - very weak & erratic.

Shear zones - 190', 460', 520', 600', 770'

Best assay 190'-200' - 0.12% Cu, 0.001% Mo

porphyritic
by me. ^{from}

S-72-2 - 0-19' - overburden

19'-550' - Skeena - contact phase GD

550'-570' - Bethesda GD dyke

570'-730' - Skeena

730'-780' - Aplite dyke

780'-810' - Skeena

m.g. Skeena cut by aplite & GD (Bethesda) dykes. Alteration generally weak - propylitic in shattered areas. Secondary K-spar w/ aplite dykes. Cpx & Mo very weak & along fractures. Diss. sulphides w/ aplite dyke. Oxide zone to 288' - Limonite, Mal, Mo oxide, Native Cu & cuprite.

Shear zone @ 190', 405', 495'

555', 700', 715'

Best assay 600'-610' - 0.21% Cu
0.002% Mo

S-72-3 - drilled - 50° E.

0-10 - overburden

10'-277' - Skeena

277'-300' - Sheba pphy

300'-400' - Skeena - bx @ 310', shear zone @ 335'

400'-425' - Sheba pphy

425'-580' - Skeena

580'-618' - Bi-Hb pphy G.D. dyke

618'-680' - ~~Sheba pphy dyke~~ Chataway? - graphic DDH sect^m poor

680' - Fault

680'-760' - Sheena

760' - Fault

760'-780' - ~~Sheba pphy~~ Chataway? - graphic DDH sect^m poor

780'-799' - Sheena

Sheena cut by Sheba pphy & a series of pphy Bi-Hb G.D. dykes. Dykes & Sheba pphy sericitized, not mineralized. Mineralizat^m past dykes & very weak along fractures.

Bo (prim. cu sulphide) associated w/ Cpy & Mo.

Assays less than 0.20% Cu.

S-72-4 drilled @ -60° E

Rather odd Cu
zone in 5A
but like
zone.

0-146' - overburden

146'-630' - Guichon QD - shear zones @ 210', 264', 290', 330'
@ 560' - Tertiary dyke 390', 433'

630'-685' - Crowded Qtz-Feldspar pphy

685'-740' - Guichon QD

740'-774' - Crowded Qtz-Feldspar pphy

774'-801' - Guichon QD

- F.g. - m.g., slightly foliated Guichon QD. cut by several dykes, the latest being a f.g. diabase of Tertiary age.

A weakly mineralized, strong propylitized crowded Qtz-feldspar pphy containing diss. Bo was intersected at depth. A rx except tertiary dyke have been extensively shattered & faulted. Mineralizat^m along fractures & faults & as disseminations but generally weak. Bo (common sulphide) occurs w/ Chl & Ser. Mo assoc w/ K-spar fractures & veinlets. Cpy, py & cco also occur.

Best assay - 380'-390' - 1.34% Cu & 0.116% Mo

S-72-5 drilled at -65° E

0-33' - overburden

33'-362' - Sheena - aplite dyke @ 52', shear zone @ 145'

362'-370' - Aplitic dyke

370' - 790' - Sheena, shear zone @ 447', 705', 740'

Sheena cut by aplite & aplite pphy dykes. Mineralizatⁿ very weak & confined to fractures & some gfy. veins. Cpy, Bo & Mo frequently occur. Assays less than 0.10% Cu

5-72-6 drilled @ -80 E

0-10' - overburden

10'-180' - Sheena - shear zones @ 155' & 180'

180'-270' - Bethsaida G.D. dyke

270' - shear zone.

270'-573' - Sheena - aplitic dyke @ 487'

573'-688' - Chataway - aplitic dyke @ 653'

688'-750' - Sheena

750'-798' - Sheba pphy - dykes(?) @ 775', 790'

Sheena - generally unaltered & weakly propylitized. Dykes of Bethsaida & Sheba pphy intruded host. Mineralizatⁿ very weak, as fracture fillings. Cpy w/ assoc. Mo & Bo. Assays less than 0.10% Cu.

- 5-72-1 to 5-72-6 done by Salehor (Gootec) Apr. - June '72
- 5-72-7 to 5-72-14 done by Dawa (A. Komura) Sept - Nov. '72

5-72-7

Bethlehem phase (G.D.) - alteration mainly green Ser., Ep, K-spar, Chl & Argillite. Mineralizatⁿ generally weak mainly Mo

Assays 40'-90' Tr % Cu 0.127% Mo

500'-550' Tr Cu 0.241% Mo

5-72-8

Bethlehem phase (G.D.) - weak alteration - strong argillizatⁿ & sericitizatⁿ. No mineralizatⁿ.

5-72-9

Bethlehem (Q.D.) phase - alteration weak, some argillitization along fractures. Mineralization very weak.

5-72-10

Granodiorite of Guichenon phase (probably Chataway after talking with Komura), that was intruded by micro dioritic dykes & aplitic dykes. Alteration is generally strong of the K-spar & chlorite. Mineralization weak mainly Bi & Mo.

Assays: Depth	Cu%	Mo%
80-100'	0.19	0.002
140'-150'	0.30	0.046
240'-320	0.11	0.007

5-72-11

0-494' - G.D. of Guichenon phase
494'-? - Bethlehem Q.D. - sharp contact.
Alteration generally weak, some zeolite(?) veinlets.

5-72-12

Bethlehem (Q.D.) phase - Ep, Cal. & Zeolite veinlets alteration generally weak. Mineralization very weak. Strong shear & faulted zone 470' - 538' (end of hole)

5-72-13

Bethlehem (Q.D.) phase - Ep, Cal. & Zeolite veinlets, alteration weak. Mineralization very weak. Strong shear & faulted zones 470' - 612' (end of hole).

5-72-14

Bethlehem (Q.D.) phase - Alteration generally weak - some ser., chl. & K-spar alteration. Mineralization weak. Strong fault zone 424' to 433'.

As you can see Komura's descriptions leave a lot to be desired, most are log interpretations.

I've just copied the results, all interpretation of geology I leave to you. Just one thing though, Komura's Guichenon phase was Chataway when I saw it at the Dowd office.

Good luck and the very best to you, Theresa's children. Our address in Kamloops is 749 Arbutus St. in case you're up - you're most welcome to stay with us.

Best in '73,

Doug.