

896520

HIGHLAND VALLEY DRILL LOG SHEET

Hole _____ Date Sept 4/73
V 119, 120, 121, 122

Property J. A.

W. J. McMillan
 B.C. Dept. of Mines and Petroleum Resources

Box Footage	Grade	Qtz. Veins	Pyr.	Cpy. V. Bn.	Feldspar Alteration			Feld. Fresh			Qtz.-Ser. Zones	MoS ₂	Rock Type	Comments
CHECKING Rock TYPES														

V 72-119 0/B 984 EOH 1354
 f-mg Guichon → 1183; D1 → 1269 Gu (f-mg)

V 72-120 0/B 1064 EOH 1393
 fairly intense yell or green alt common
 Quartz eye Bm or Sk?
 still not sure at EOH

V 72-121 0/B 1085 EOH
 Q Bm mainly -- some ppq reported
 by Bm Copper Geologists

V 72-122 0/B 77 EOH 976
 Gu - f-mg + hornsh loc.
 seems to be lots of alter

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Highland Valley Drilling

Property Bethlehem Copper

W. J. McMillan

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✓ 11 N 187E Guichon Rubbly zones Box ² 11 } 980-998
 01B 815 EOH 1037 12 } ↓
 13 } 1020

✓ 16 N 129E 01B 754 EOH 1155 Guichon - no really obvious shattered zones

✓ 10 N 165E 07B 991 EOH 1340 Rubbly 1090-1120 (not Guichon continuous)
 Rubbly zones 1287-1300 local rubble → EOH

? RMO C 79 Q Bom - loc. almost looks like a ppy dyke - distinct lg matrix, eye-catching rounded
 A very ^{gtz} ^{xls} Rubbly hole

✓ HV 73 16N 170E Guichon 07B 220 EOH 682
 Rubbly sections to 300
 pretty strong on act near EOH (650 ish) → EOH

✓ HV 73 14S 129E 07B 169 EOH 662 no pink + is a ringer for Spuddy dyke by 390
 Bonish Cu - sample at 200
 Rubble 350-380 D1 dyke 357-433
 after dyke is lg Cu & Bonish Cu

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HIGHLAND VALLEY HOLES

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✓ 145 213E 018576 EOH 747 starts in textbook Gu →
~~fg Bm~~ 700 then either fg or dyke
 or possibly just same thing but intensely
 altered (pink + green)

✓ 145 237E 018591 EOH 869
 fg some Porphyry Gu
 Rubble ~650 ~ 710

✓ 305 248E 01843 EOH 300
 fresh mg Gu
 a bit rubbly near 270

Just rock types after this

✓ 22 69
 N K 018854 EOH 1178
 ⊕ Bm → ~900 then intense ^{very grn} ser. actn
 after ~950 - Br Qtz Plag apfite (could conceiv-
 ably be of hydrothermal/metasomatic
 origin → end of hole

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✓ 10N93E				0/B 765	EOH			1229						
				fg - Bronch Cu loc. chertoid zones → qtz plag aplye ~ 1030 altm + rubble around 1050 width? 1150-1200 area										

Data on rock types only

✓ 46N45E 0/B 960 EOH 1458

Quartz Eye Bethlehem - eyes well formed
 Q/Bm/DI contact ~ 1435'
 DI at EOH

✓ 72 10-117 0/B 1062 EOH 1301

Bronch → fg Cu

✓ 72 58-21 0/B 1100 EOH 1300

Intermit. rubblely - ~~zones~~ ^{zones} early on say 1140-1230
 Local rubble zones to EOH

Rock looks variously like Bm + Sk with local zones having a few qtz eyes

✓ 34 45 0/B 990 EOH 1373

1M-572-3322

Rubblely 1125-1155
 Q Bm → EOH

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ONLY ROCK TYPES CHECKED WELL

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22-21 N E	9B	25	8	EOH	740									
				Bethlehem w Sk zones							to ~ 500 then			
				Skeena										EOH (some bn zones?)
25 117E	9B	515		EOH	739									Rubblly 690-700
				fg Gw, Porous Gw										(lower half approx?)

70-45 9B 123 EOH 502
N E Rubblly 200-285 390-440, 480-90

Bm + Skeena? to fauEXA; Bm after it
at 200 approx
fresh Bm at EOH

58-69 9B ~60 EOH 705

1st rock is @ Bm

EOH @ Bm or Sk

Box 5+6 fairly intense yell altho rock type?
By end of 7 is @ Bm for sure

Pretty fair rubblly zones in 300-400 range
and 500-515 "

46-21 9B 1067 EOH 1396

Skeena getting sl. less so at depth

(say by 1200)

Sougy + rubblly 1389-91

but still Skeena (cg anhedral gts)
at EOH

Now thru Gu look
for Chater
British Gu zones
* 1973 season

Get logs +
show ore vs waste
on sections

Ore Outline -
superficial

Favex data will
be better from
Company logging

IR 14

IR 14	
✓	10N 117E
✓	25 117E
?	34N 117E

40 2p 1000
↓ 45 (1100)
50 1200

- ✓ 4N 153E
- ✓ 10N 165E
- ✓ 11N 187E

Check
60 D1 → PE Bm
1344 - 1440
(28) (25)

✓ 10N 93E

✓ 22N 69E

✓ 16N 129E

IR 14

117E 34N

(113)

10N 117E

25 117E

15 15 700
300
300

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- which fuge holes done?
- Cobaltimbuite?
- IGC Dinner?
- outline of orebody?

(W 71-1)
or WW1

21 Aug '72

cloudy, cool

W 71-1

400' hole Bethlehemgd. at Bottom

Gneiss at top. 0/B 32' - Gu mud.

with cpy dissem along rusty cracks -

ep veins + mafic → chl.

32 to 197 then Bm - ep plots + veins

Bm to
220 then

1/2' of

Gneiss

220

"Bm (dyke variety) cuts Gu with

contact @ 30° Gu to 220 1/2 then dyke

again - contact 22°

222 → 229 Gu contact @ 222 is 22°
to core

ep, some zoelite

242 spec veins

mal stain

320

fracts w. spec py have ser. selvages