

Guichon 1042 - 1057 DK Brown dyke gypsum after 650
 1057 - 1136 Guichon
 V 71-3 porphyry + Guichon
 Guichon + thin ppy dykes ~~1136~~ → EOH
 Shattered good pyrite → 800 CPY > - 1470 BN > - EOH
 450-580 ep - weak → .3+ to 550 (avg. 5?) .2-.3 loc higher to 1150
 NIL .5+ → 1300; .35 → EOH

V 71-4 porphyry 332 - 344
 353 - 378 480 - 490, 503 - 545
 Shattered 480-91; 503-44, 940-48 Faulting # 80 - 545 epidote local weak
 Major Fault CR Bethlehem pyrite CPY > BN
 600-657 Grade avg ~.15 loc <.1 loc .4-.7 wk 730 - EOH

V 71-5 Bken core 165-200 230-270 Bethlehem
 epidote 330 - 350 657-65 mal, chrysocolla to EOH
 1.414
 1.414
 1.414
 Gypsum after 500 430 - 530 745-8
 CPY/BN? epidote - moderate
 Grade vlg - (<.1)

V 71-6 Strong - mod ^{ser} altn 490 - 553 pyrite (lots)
 Porphyry 553 - 615 strong ser altn sparse beyond 830
 615 - ~~729~~ ? Bm ? CPY > BN epidote NIL (noted once)
 729 - 734 Porphyry? - altered with ~~pyrite~~ pyrite
 veins + qtz - ser altn
 734 - 810 ? Bm ? ~~Gypsum~~ Gypsum after 500
 Gouge 490-3, 552, .16 last 20'
 810 - 899 Bm Grade .3 to 4.00% overall G fading off in EOH
 U.E. Bm + aplite dykes →
 899 - 950 Porph. Bm + aplite dykes ~ 912 Gu + aplite dykes
 950 - 1008 Bm 1014 - 1027 (EOH)
 1008 - 1014 ppy (DI) - cut by aphanitic stringers

V 71-7A Bm; CPY > - 1280 BN ≈ CPY - EOH pyrite - 1100 Gypsum 860
 Rubble 595-650 Grade .3 to .6, drops off to .2+ less epidote fair
 737-42, Gouge 767, 771; 1118-20, 1131, ~~1657~~ to EOH sheared fault (pink) 1080 - EOH Fair → 720 wk to 1100
 V 71-8A Bm → 490 Skeena → ? pyrite wk → 570 fair → 1140 wk → EOH
 Rubble 1100-1170 928 Guichon → EOH
 1332-41 Grade 0.5 to 2% to 820 then .1 to .2 gypsum 690 some ep after 1100

V 71-9 Fault + altn 511 - 680 Grade G → 610 F - .2 → .3 to EOH No ep
 GW pyrite ^{wk - 600} CPY >> BN, MoS₂, gypsum 690 strong sericite altn
 1130 - 1310 (altn)

V 71-10 Bm; ~~altn~~ 690 - 930 1420 - 1490 1640 - 1677
 CPY > BN - 1450 sparse pyrite - 900 gypsum 770
 BN > CPY - EOH; MoS₂ sericite throughout
 Fault 1527 - 37, 742

Faults 914-18 982-6, 1003-4, 1015-16

Cone loss

~~Gauge~~ 515-24, 583-6, 629-38, 734-42, 1450-2, 1566, 1631

Excavation → Hybrid 1400

Rubble 638-650, 819-25, 1480-90

MoS - loc V

V71-11 Faults 470-540

gypsum 760

ser altn 640-760

800-985 prop altn

1160-1200 ser altn

gauge 819-825, 914 918

1260-1280

called made HYBRID Grade

KV dyke 1004-1015

cpy ≈ BN (goes both ways)

pyrite

strong - 470 wk - 750,

G some F-P-750

epidote S → 860 W - 1050

NIL - 1120, spotty w → S to 1300 then NIL

F - G some P, EOH VP 1420-70

M - 1120 W - M - NIL 1400
M - S - EOH

V71-12A

ser altn 731-750 + gauge

Fractured 871-916

logged in detail to * grade goes to hill where dyke starts

963-1034-1077-1115 altered + gauge

1219-1240

1527-1630

KV dyke 1425 #28

cpy > BN

Grade G (~1%) to 1300 F loc VP - 1480 then VP loc P (<.1) (.3-.25)

V71-13

Mod - strong ser altn

mod - local strong arg altn (i arg altn 1050-1110)

loc pyrite, py dykes, may fault 510-38

420-575, 905-940

gypsum 780

510-538 Gauge (dip 60°)

cpy > BN

Fault 464

dyke? 538-550

ep ^{NIL} → WK after 1080

pyrite

W → M throughout

Grade F loc G (40-60 zones of P-VP) to 840, VP → F then mainly F after 650

817, 826, 832, 855, 873,

V71-14

822-850 - 875 - 880 - 900

Rubble 799-807, 883-91 Faults 878, 995-1000, 903-38, 960-77, 1477-1506, 1606-22

Bom (42 eye loc) 1550 - EOH 1633

Some pyrite 1240 omitted

1124, 1145, 1181, 1354-60, 1363, 1380, 1470, 1557, 1469-77, 1537-41, 1557

Grade

pyrite NIL → ¹⁴⁷⁰ then sparse, local Gypsum 880 common after 1050

cpy > BN

F - G to 1200

F loc G loc P to EOH ep = NIL ser. altn. M → S - mainly S

MoS loc V

1561-4, 1599, 1588-1600

V71-15 Gu

1550-1635

py → 650 (M → S)

Rubble 450-57

580-595 Fault + gts - ep veining

cpy > 650

653-89, 701-9, 811 (Bx), 817-20, 1020-34, 1045, 1052, Gauge 528, 578-83, 595, 610, 633, 777, 1020, 1035

790-825 " + ser altn

cpy ≥ loc. < EOH

999-1024 strong ser altn

1627-1662 ser altn

* dyke well mineralized

MoS

up to 40' zones ~.7

Grade P-F 410

F - 490 P-VP 580 F loc G loc VP, P 750 VP-P 82 F - loc G → EOH

ser wk → Mod.

Gypsum 790 Ep mod → NIL local pervasive altn zones

loc P. up to 30' zones

V71-16A Bom

Shattered 1208-1241

cpy ≈ BN to 1035 cpy > 1250

* 150' of cone loss

1312-1340

pyrite 1200-1350 sparse may not be real?

strong altn 992-5

KV dyke 1407-1409

MoS

Faults 1037, 1077-83, 1089-93, 1176, 1227-30, 1234-38, 1249, 1255-61, 1267, 1280, 1230

1436

ser M-S ep NIL → W after 1000 → W after 1350

Grade 847 → 890 F 890 - AG - F neat see card

V71-17 Gu

gauge + altn 335-355

ep aplitic stringers

ser. M → S to 400 then W epidote - weak

" " 430-446

strong pyrite throughout cpy >> BN

Faulting 833-847

373, 428, 472, 500, 520, 578, 586, 598, 602, 606, 644, 690, 703, 712, 793, 833, 842

V71-19

Faulted 647-657

763-782-795 BN ≥ 960 cpy ≥ 1000

KV 45°-50° dip 744-757

BN > EOH

V71-18

cpy > 1060 BN > 1250 then ?

V71-20 fractured 582-589 640-675
 965-1011 1390-1400 (bx) CPY > BN
 pyrite → 1325
 1400-1453 dykes? 1494-1501 Peuco Bm?

V71-21 Shattered 790-825 CPY > BN
 (+ altered)

V71-22 CPY ≥ 780 BN ≥ 830 CPY > 1250 BN > 1100 CPY ≈ BN - EOH
 1050?

V71-23 N/C CPY > 1590 BN > - EOH

V71-24 1187-1254 Shattered CPY >> BN
 1316-1323 " pyrite → 1125

V 25 → 104 data put on cards directly

V72-105 Grade F-P-1240 CPY > Bm
 Bm (886)-(1284) P - EOH pyrite

(886)
 (1284)

1018-1052	PPY
1096-1106	Fs PPY
1106-1135	PPY
1135-1141	Fs PPY

V72-106 Grade VP-P-EOH pyrite

(183)
 (406)
 Bm

V72-107 Grade P-VP 280 F come 6 350 F-P 450 P - EOH
 (210)(500) Bm CPY > pyrite

V72-108 VP - P (loc 6) - EOH
 Bm CPY > pyrite

(181)
 (568)

V72-109 Grade F-P 310
 (Guichon / Bm? 695 dip 70?) P 460 pyrite @ ~400', only
 703-750 Gauge P-VP 710 CPY >
 VP EOH

(14)
 (936)

√72-113

Guichenon

(837) (576)

Grade VP - EOH

CPY ≥ pyrite

√72-116

ppytic ^{DI}epitaxial -765

(672) (1321)

Bm -

Grade VP 730

P-F 780

P-VP 840

F-P 900

P-VP 1250

VP - EOH

pyrite

CPY ≥ BN

(overall >)

√72-117A

Grade P-VP 980

F 1100

pyrite

(1246) (910)

VP EOH

CPY >> BN

1035-1055 Shattering

Bm

Bm - 1120 - ~~1120~~ ppytic epitaxial - 1246

~~1120~~

√72-118

fg Guichenon

Grade VP - P 1120

VP EOH

CPY > BN loc. BN > CPY

√72-119

Guichenon

1354 (984)

Grade F - 1030

VP-P 1150

F 1260

VP-P EOH

BN > - 1050

CPY > - EOH

1184-1270 ppy contact ~50°

(DI?)

√72-120

1393 (1065)

Bm

Gauge 1072-1083

Grade F - 1150

F-P - 1250

P-VP - EOH

CPY ≈ BN

V72-121 Bm
(1583)(1086)

porphyry 1429-1434

Grade P-VP 1140
F 1200
F-P 1270
F 1330
P 1420
VP EOH

~~BN 1200~~
CPY \approx BN

V72-122 Guichon
976 (73)

277-291 Ppy

Shattered 197-210

Grade VP - 270
P-F 380

P-VP (mostly VP) \rightarrow EOH

last Box 3.18% Bn / cpy = 10/1
overall CPY $>$ BN

pyrite \rightarrow 900

STILBITE?

Bn \leq CPY to ~920

34-103 1080-1090

BN \geq CPY
to EOH

34-99 Bx 889-900
o/b 505 Guichon

EOH 1709 Grade Good - 800 .5 \rightarrow .8
Fair - 820 .4
V Poor - 870 <.1--.2
- poor

fair-good - EOH

.02 to .2 avg
~.5?

Why the lg zones?

Rock change??

Gauge 537 668 797 869
1367, 1384

Fair - 1110 most ~.4 (.2 \rightarrow .9)
Some good

ser - gen. wk

poor - 1300 .1 - .2
v poor

loc mod

Shattered zone 1396-1420

no pyrite ep

ep v.wk \rightarrow 800 M-S to 870 W-M (loc S) to EOH Kspan generally M
loc. W, loc. S

34-103 Guichon fair w. good sections - 1270

o/b 361 gauge 534-5, 753

poor - v poor EOH-

EOH 1397

ser gen. wk (loc M)

Shattered 1135

CPY $>$ BN

ep W \rightarrow NIL

Kspan W some M to 1000;
M-S to 1070, W \rightarrow M loc
to EOH

38-83 751 o/b
1627 EOH

Shattered 757-773 1240 - 1247

773-824 MoS₂ loc W
920-30 1240-47

Bethlehem?

CPY $>$ BN

Grade Fair - Good - EOH

no pyrite ep NIL

Gauge 836, 938, 1019, 1042, 1135, 1170, 1222, 1240 Gypsum 1180
1262, 1312, 1422, 1570 loc loc loc

ser W-M (W mainly) Kspan WK \rightarrow NIL \rightarrow M \rightarrow S

overall sounds weakly altered

30-99 CPY $>$ BN - 850

epidote

~0.6 to 1440

~0.25 after that

(676) (1615) BN $>$ CPY - EOH MoS₂

Guichon

1589-1598 1442, 1484, 1589-98, 1607

Porphyry 676-687

Gauge 947-9; 1507-8; 1227

renishtha? 750-757; 812-823

ep mod after ~1250
ser wk-mod loc

34-91
(734) (1177)

CPY \approx BN

Bethlehem

Grade $>$ 1.50 to 830

790-860 Some rubble

.5 to .8 to 910

stilbite fr

865-1177

ppy

MoS₂

~.3-.4 to 970

970-1009

Lamprophyre

<.1 to EOH

(loc "ore" zones)

WK \rightarrow strong ser altn almost no ep loc. Kspan

38-99 Pyrite fairly abund
to 700 then nil Guichon

Anhydrite? fr 1550

(380) (1107) Good to Fair 550.

F to G 1530

CPY \geq BN to 1100

ep gen W \rightarrow NIL
loc M, S

F to G 1030

G to end of hole.

BN $>$ CPY to EOH

ser W-vw loc M to 1680 then S

V. poor 1100

831-839 dyke

994-1152 dyke

EOH

F to p 1280

φ 38-87 Bethlehem BN < CPY to ~~1150~~ 1150
 (603) (1623) F to G to 760 cp ≥ BN to ~~EOH~~ 1290 ser WK 920
 G to F to 920 BN > CPY → EOH W-M 1530
 W → EOH
 Kspen gen W
 loc NIL loc M
 Gouge 697 V G to G to 1320 MoS ~ W loc.
 963-70, 985, 1302, P to F to E.O.H. pyrite wk @ 965
 1457-3, 1470, 1330-35, 1349-52 porphyritic Beth 690
 Rubble 675-7, Porphyr. dyke 1123-1131 Gypsum 1440
 loc. 780-790, 801, Porph. Beth 1430. epidote NIL gen - loc W
 825-40, 1285, 1299
 Shear 1221-1241

φ 25-117E Guichon P to V. poor grade
 (510) (739) BN = CPY

φ 34-87 Bethlehem Porphyry Strong kspen alt. loc.
 (908) (4062) ~~was 2600m mark.~~ V poor ← wk → mod ser NO ep
 cpY → BN ← arg ≤ 0.1 Cu

φ 34-95 porphyry dyke → 736; Guichon to EOH
 (677) (1552) ~ 0.3 poor to 720 BN > CPY
 Gouge 720-3, 821-2, 1096, 1421 0.5 → 1.5 G to 1450 kspen W-M
 Shattering 710-20, ~ 0.3 F to EOH MoS ~ W BN, CPY
 Rubble 741-77, 930-970 Shattering ~ 710 pyrite NIL ser W-M
 ppY dyke 747-755 ep wk
 banded epidote 800
 ~ 930-970 shatters.

φ 38-103 Guichon 641-772 ppY ^{weak, some mod.} ser + arg. alt. ~~ser~~
 (321) (1328) P to F grade ^{dyke}
 ep WK → NIL pyrite fairly abund. to 370, 650-710, loc. after that
 loc M, S Bn ≤ CPY
 ser epidote

φ 38-91 Guichon → bwn @ 1338 BN ≤ CPY to 1580
 (590) (1722) G to 750 ^{6 to 4} most .7 then BN >
 Gouge 754, ~~836~~ 834, 899 F to G to 1030 ser M loc W to 1500 then mainly W
 1503-7, 1605 V G to G to 1190 MoS ~ loc W
 Rubble 777-84, P to F to EOH ep NIL → W loc M loc NIL after
 1223-33 (Gu + Br zones) epidote - no pyrite kspen W → M loc S
 1206-1223 Lamp. dyke. 1300
 1634 -- 1651 small porph. dykes

φ 38-95 Guichon lots of ppY + ap dykes BN < CPY to 750
 (468) (1767) F to G to 1300 BN ≥ CPY to EOH 1620
 1470
 1500
 ep W-M - W to 800 G to 1460 1467-1620 Beth ppY
 W-M locs to 900 P to 1570. dyke.
 W-NIL loc M to EOH F to G to EOH. Gouge 691,
 ser gen. W loc M, S 680-691 Lamp. dyke - Rubble 845-1
 epidote, 110

∅ 10-117
(1062) (1301)
Güchön.
VP to P.

∅ 4-153
(936) (1246)
Güchön
VP

∅ 34-45
(987) (1373)
Bethlehem
VP (<0.1) MoS₂
BN < CPY
some epidote.
Rubbly 1043, 1135-9, 1143-9
zeolite - lots 1090-1130
almost fresh
almost fresh
Kspar mod-strong 1050-1150

∅ 10-93E
(770) (1230)
Güchön.
V. poor grade
CPY + pyrite.
no hornite.
1029 Transitional - Qtz monzonite.
pink pyroplite
Bi. Qtz + 109 epidote
1029 → EOH

∅ 22-69
(854) (1178)
Beth. → x+l after 960
V. poor to 970
BN < CPY.
epidote.
shatter ~1040
V. poor(-) after <0.1
Upper zone of hole almost fresh
long zones of Mod-strong
Kspar? actn (980 → EOH) W.
accomp. mod. ser. actn

∅ 46-21
(1068) (1396)
Beth.
V. poor
Pyrite

∅ 70-45
(121) (502)
Beth.
V. poor <0.1
403 - lamp. dyke.
weak epidote.
Rubble 210-30 437-42 355-60
Gauge 235, 310, 365-70, 373-80
391-98, 403-16,
ser wk → 390 M locs to EOH

∅ 11-187
(815) (1037)
Güchön.
V. poor (<0.1)
Bn > CPY CPY < BN
mod. shattering 838-41 1011-1012
alt. wk → mod

∅ 10N-165E
(991-1340)
Güchön
(<0.1) V. poor -
Rubbly 1' zone @ 1215; shatter moderate zones. 1297
stibate fr
weak alt. hornite
mod. cpv Bn > cpv
ep. weak

∅ V-58-69
(54) (705.5)
Beth.
V. poor (~~alt. ser~~) ~~after 970 (<0.1)~~
no hornite
CPY > BN Gauge 100-105, 125-9, 389-93.
396-400, 416, 425-6, 461-3, 465-9, 510, 531, 622
ser generally weak
CPY + pyrite
shatter mones
Rubbly 130-200, 240-60, 340, 580

46-45

Bethlehem

A (960) (1458)

V. poor (<0.1)

no hornite, some py, calcopy.

cpy > py

ppy dike 1436-1451

Pyrite to 1050

other sheet ✓ 58-21,

Beth.

some bn near EOH

(1099) (1300)

V. poor

Bn > cpy

quichon

other sheet ✓ 16N-129E

V. poor

(764) (1155)

Bn > cpy

epidote.

46-45

Bm

ep VW → W near EOH

scr VW → W loc M

1136-44 Rubbley

Gough 1260-2

1318-30 "

1345-50

~~1318-30~~

1362

"Problem" logs

45 D12 1142 → EOH

46 D12 → 1273 then ?

51 something odd here

~~58 Bm → Gucho (T)~~

59 Gu → 1052

Q.E. Bm → 1330

" + ppy dykes - 1440

Q.E. Bm → EOH

missing
core log
sheets.

~~V-72-77~~
V-72-80
V-72-73

61 Gu → 1206 Dyke → 1255 Gu → EOH

62 I see dyke contact @ 1330

66 JOHN ppytic Bm - me @tz Eye Bm

86 @ E Bm? ppy??

87 " " " → 1118 aplite → EOH

88 Q.E. Bm - 1150 aplite - EOH

89 Gu - 822 D1 - 849 Gu - EOH

90 D1 291 - EOH by me

91 Gu - 906 D1 - 1037 Gu - EOH

aplite - 1315

96 1 Q.E. Bm - 1332, Aplitite - 1355 Q.E. Bm - EOH

101 ppy dyke? (Bm Bm) 1053 → H4 or ✓

J.A.

Part of 8A logs gone
(I have Bm / Gu @ 914)

12A 1520 → EOH Bi Qtz Plag ppy

15 1550-1695 ppy? C.R. odd Guichon

16A ~~ppy~~ From Between Boxes 20 + 30 → EOH
≈ 1547' (?)

18 ppy by me (~~Transitional~~ by John)

19 Gu + Bm interlayered after 930 (?)
actually odd Gu? - gt+3 eyes?

22 dyke 923-1137 (D1) 75 D1 vs Bm ppy

Altn intensity / fract. dens vs grade?

23 all Bi Qtz Plag ppy (some zones called ppytic Bsdn)

24 all ppy by me

25, 26 D12

check 26 1400-1500-1600

27 D12 (?) 28 D12? 0/B 711? 2571?

29 D12 33 D12 34 D12

39 D12 38 Dyke 1499 → EOH (NIL MINLN)

40 D12 anhydrite? 1423-1477 43 D1 → 417

zeolites
saumonite
heulandite

✓ looked at sept 73 available

Bedrock Information

29 gtz - 65 pm
 55 - 90 gtz
 rubble
 (260-130)
 Data x fid to card

- ✓ 145 261E
- ✓ " 237
- ✓ " 213
- ✓ " 189
- ✓ 165 170
- ✓ 165 150
- ✓ 145 129



34N117E?? does it exist?

or 145?

- ✓ 048 153 ⁹³⁶ 1246 Guichon v.p. wk-nil ep no pyr W→S ser, chl 1112-1149 mod. shattering
- ✓ 10N 165 ⁹⁹¹ 1340 v.p. Guichon wk-v.wk ep. no pyr. w-m ser, chl
- ✓ 11N 187 B>C? Guichon v.p. wk ep. wk chl ser (815 / 1037)
- ✓ 2S 201
- ✓ 165 150E
- ✓ 165 170E

- ✓ 70N 45E ^{(NIL) (121) (502)} Bethlehem ~~ep~~ ep chl sericite no py. Groupy 355-380 390-416 Facet 437-442 210-230
- ✓ 34N 45E

- ✓ 58N 21E Bm g.d. no ep. no pyr. chl ser groupy 1142-1151
- B>C (1099 / 1300) (very wk)

- ✓ 46N 45E (960 / 1458) Bm g.d. v.wk ep ^{wk} pyr. chl ser (wk) groupy 1318-1330 1345-50
- C>B (v.wk)

- ✓ 22N 69E 1436-1457 ppytic aplite dyke 60° dip
- ✓ 305 248E 1454-1458 " " "

- ✓ 10N 93E
- ✓ 46N 21E Bm g.d. some pyrite wk. ep. ser chl; ^{some} pyrite 959 dyke
- C>B? (1068 / 1396) v.wk

~~4N 153E~~

- ✓ 16N 129E Guichon v.p. w-m ep ser chl B ≥ C locally
- (754 / 1185)

- ✓ 58-69 (54 / 705) Bm v.p. mod-strong shattering loc. throughout w-m ep chl ser pyrite C>B?

- ✓ 10-117 (1062 / 1301) Guichon v.p. loc. p wk-m-nil ep w-m ser, chl

- ✓ 22N-21E Bm (258 / 741) C>B sparse py

- ✓ 28 ¹¹⁷ ~~117~~ E Guichon (510 / 739) v.p. w-m ep w-s ser chl

logs rechecked Sept '73

φ 25 117E minor chl, ep altn Gu
97B 510 all vlg moderate shattering 1-4' sections
Bn + cpy present (weak) no pyr.

φ 4-153 altn weak zeolite (stilbite?) Gu
97B 936 1112-1149 mod shattering + altn 1242-6 gouge
some borinite --- vlg --- ep v. minor
No pyr

φ 10-117 Gu
97B 706v Some peak zeal on fr, arg. altn on fr
overall wk altn
a few thin zones in the .25 range most vlg (.05 approx)
Bn, MoS₂ --- ep v. minor
No pyr.

φ 16N 129E Guichon 959 Dyke
97B 754 Bn > cpy ep. v. minor
No pyr
Generally < 0.1 as high as 0.3 locally

φ 58-21 Bm WK → mod ser; no ep
97B 1099 (1300) ^{EDH} cpy + Bn ^{MoS₂} weak altn
Rubbly zones 1116-19, 1142-82, 95; 1215-30, 1268-83, 1288-93
generally 0.1 or less
1230-1300 fairly altered ^{mod. with rep} mod ep no pyr.

φ 46-21 Bm sparse, local
1068 (1396) pyrite > cpy --- vlg - almost no ep
ep v. wk

φ 10-93 Gu - some 1 cm φ xenoliths 1050-70 1171 1180, 1186, 1194-1202
cpy, minor pyrite → 960 then 904py
1029 → xtl (qtz monzonite) ^{cpy + x} MoS₂ generally < 0.1

φ 22-21 Bm wk → mod. ep, cpy > bn sparse pyrite
258(741) shattered 308-9, 329-30, 418-19, 422-4 throughout
490-7, 628-34 596-8, MoS₂
685, 698-700, Cu < 0.1%