

A.S.B. W.B.

S-1 vert

Footage	Description	alteration	Min. ^a
0 - 7	NC		
7 - 37	2B FG Monz. por. pc., kf., px., mt. 2% some inclusions	B, reticulate, pervasive, cp. mal. Kf, minor calcite vein- lets, act., slightly weathered B some white blobs (ab.?)	
37 - 38	same + maf. rich veinlets.		C
38 - 43	same, similar 2A	Kf, px → chl	cp. Tr.
43 - 55 1/2	swirly hy. rk. maf. fg. brecciated in part altered vol. inclusion(?) act., garnet, mt, Kf(?), fine feld, veined with cal. abundant mineralization		cp. mt. D 3% (?)
48	66 AB 33A mt. rich		
52	66 AB 33B garnet rich		
55 1/2 - 56	2B		cp. rich vein- let, D B
56 - 60	2B + maf. veinlets		B
60 - 74	2B + maf. veinlets	Kf	cp. + py Tr.
74 - 82	2A, greyish pink slightly mottled monz. por. pc. 30%, px. 20%, matrix 50% ± matrix variably pink altered to Kf(?), mt. 2%		cp. Tr. des- eminated
82 - 193	2B	pervasive Kf alt. Tr. - A of matx + some phenx. variable alteration variable from 2A - 2C	
(117)	some bornite & calcite veinlets		
(120 - 130)	2A		
(166 - 180)	2C	biotific amphibole low A cp. veinlets	
193 - 195	hy. rk., 2D, fine maf. mt. rich	pervasive Kf., act. D cal	
195 - 224	2C	veinlets, drusy quartz A crystals, biotite	

93A008
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footage	Description	alteration	min. ^o
(211 - 218)	steep small shear	drusy areas with quartz in intense Kf altered areas.	
224 - 229	mat. & mt. rich 2D (P) f. grain amphibole Kf. mt., streaks of cp. deseminated		D ca. 1
229 - 249	2C, m.f. por.	variable pervasive Kf alteration. bi., bi. veinlets(?)	cp. associated with bi. mainly B
249 - 260	2A; pc. laths 40% zoned 0.5-2 mm long; px 20% largely altered to chlorite, occasional phenx. 5 mm long, fg, pinkish Kf matrix; Mt. 2-3%.		Tr. except for 1 st few feet of B
(255)	<u>66 AB 34</u>		
260 - 276	2B		A- cp.
276 - 282	finely felted greenish-grey post ore dike.	(1 st contact at 276 ft. 25°/axis. final contact 25°/axis, irregular)	
(279)	<u>66 AB 35</u>		
282 - 298	lamp. 40% dark green olivine and/or px. in fg. pink and grey felspathic matrix.		
298 - 307	2B		Tr.
307 - 309	dike of brown feldspar hb(?) por., chilled, 35° axis.		
	<u>66 AB 36</u>		
309 - 310	2B		
310 - 315	Brown stony por.		
315 - 316	2B		
316	end of hole.		

5.2 vert
footage

	Description	alteration	min ^a
0 - 1	NC		
1 - 17	2A, pink fm g monz. por. common 1 inch. inclusions. poor steep foliation.	matrix pink	Tr. cp.
17 - 19	2, grey por. otherwise same.	nil(?)	Tr.
19 - 25	2D, banded act. garnet(?) feldspar, mt. rk.		mt. cp. mal. bornite(?) C
25 - 36	2C	standard + weathering	mal. cp. A
37 - 62	lamp., note 1 st 2 inches of contacts identical to brown por. dike.		
62 - 70	2C, brecciated, pinkish in grey por. matrix. (2E)	standard	cp. B+
	(67) 66 AB 37		
70 - 82 1/2	2B, f. stoney pink por.	Kf minor mat. veinlets	Tr.
82 1/2 - 83 1/2	crushed fault gouge		
83 1/2 - 88	2, f. grey monz. (2E)		Tr.
88 - 89	inclusions of fm pink por. (2B) in fine pinkish-grey por. (2E) same as 83-88.		Tr.
	66 AB 38 - note foliation in		
89 - 94 1/2	f.g. grey por. <u>2E</u> 2E = matrix for 62-70' breccia & for specimen 38. 2E similar to 2B, finer grained and definitely younger, but premineral. Same age as potash metasomatism(?). 2E tends to have slightly mottled appearance. ✓	slight Kf	cp. A-
	(90) 66 AB 39 2E } same		
	(95) 66 AB 40 2B }		

Note change of phase 94 1/2

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8-2

	Description	alteration	min. ⁴
94½ - 101	2B		A ⁻
101 - 109	2C, foliated 30°/axis, patchy maf. rich areas,	normal	cp. B ⁻
109 - 114	2D, f. maf. patchy hy. rk. brecciated in part	garnet, mt.	cp. B
114 - 117	lamp. 45°/axis of hole contact		
117 - 130	2D, banded in part, similar to before. Brecciated textures with 2B.	f. px. common	B
130 - 134	2B	biotific veinlets	A
134 - 147	gradational to 2A; mf pinkish por. to Tr.	slight potash	C ⁻
147 - 160	2D, hy. rk., banded in part		
160 - 162	2B		
162 - 231	2B		C ⁻
173	66AB41		
(199) - 231	mostly ig. potash rich hy. breccia.		
231 - 245½	2A, irregular slightly chilled contact of 2A por. against ig. breccia. 2A, mf prominent white pc. foliated 20°/axis. Brownish pink matrix.		Tr.
245½ - 265	probable intrusive contact with ig. hy. breccia (2D) grades to breccia of 2C & 2E (?)	potash amphibole alteration.	Tr.
265 - 267½	lamp. dyke contact. 30°/axis of hole	2E0.	
267½ - 284	breccia of 2C & 2E	potassic alteration	A calcite veinlets
284 - 295½	lamp., sheared in part		
295 - 304	breccia of 2E & 2C cont.	potash, bi, alt.	A ⁺ Note - some much better
304	end of hole		

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S-3 vert
footage

description

Alteration

min.^A

-39 2C, mt. por.

intense potash,
some amphibole,
calcite veinlets,
weathered.

39 - 45 1g. breccia (2C) in 2E

cf. above cp. mal.
A

45 - 53 2D, hy. breccia (?)
green amphibole, px. garnet,
Kf, mt. rk, fg., cut by pink
syenite por veinlets.

A⁺

53 - 62 2C

normal alt. cp. mal
B⁻

62 - 78 post ore dyke
contact 30°/axis to hole
chilled, fg. dark, purple-
brown rk. Variant of lamp. (?)
Minor shearing & aplite
veinlets.

78 - 83 2E; contact 30°/axis to hole
2C, pink mf, feldspar

normal A⁺

83 - 94 brecciated contact of
pink por.^{2C} with mg. grey
por. 2E (?), coarser than
normal 2E

mal. cp.
A⁻

(86) 66AB42

94 - 106 brown f. por. dyke cf. lamp.

106 - 112 1g. breccia (2C) foliated mg.
pink por. in dark grey and
vice versa (?)

A⁺ or B⁻

112 - 121 2E coarse por.
sharp ig contact at both
ends.

Tr.

(112) 66AB43 - at the contact
- note mineralization younger
than all phases

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S-3

footage	description	alteration	min α
121 - 201	ig. breccia 2c etc., dark phase in pink matrix mostly, some truly is breccia	normal	normal B ⁻
(190 - 201)	and some is reticulate alt. mt. fairly common		C, some bn.
201 - 237		Kf alteration dominant	B ⁻
237 - 246	true ig. breccia		B ⁻
246 - 267 $\frac{1}{2}$	cont. breccia and/or reticulate alteration		B ⁻
267 $\frac{1}{2}$ - 300	f. light grey unalt. por. pc, & px. Grades by 270' to 2A (pink- ish f. por.)	px. fresh	Tr. Tr.
300	end of hole		

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5-30 vert

✓

Footage	Description	Alteration	min. ⁿ
0 - 8	W C		
8 - 36	Green volc. conglomerate somewhat metamorphosed. (30-36) slightly kaolinized (24) 66 AB 44		D
36 - 42	2B, red fine por., calcite veins somewhat weathered.		
42 - 104	hy. rk., 2D volc. breccia origin not as obvious as at first. cf. 33 B	garnet, amphibole c hem., minor epidote	
(100 - 104)	chloritized fault zone		
104 - 126	2D, hy. rk. of volc. breccia & pink por.		C
126 - 190	2D, hy. rk. predominately por. or ig. looking but highly inhomogeneous, banded and brecciated looking.	intense K alteration in sections cp & py.	B
190 - 233	2D, more definitely juiced up volc. breccia. hy. rk. some hornfelsic.		B
233 - 238	f. 2B por.		B
238 - 241	juiced up volc. ^s , slightly green, biotitic		py & cp. B-
241 - 253	2B, pink por.		
253 - 272	meta volc. ^s with some reticulate & kf veins. Volc. ^s dark greeny-grey, slightly biotitic originally an andesite.		
272 - 296	juiced up hy. rk., mottled grey and pink. slightly brecciated, filled with por. veinlets. Some qtz feldspar veinlets with associated Potash alteration nearly vertical		B

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9-30

Footage	Description	Alteration	min ^a
296 - 311	f. pink por.	some epidote alteration.	A ⁺ /B ⁻
311 - 316	2D, hy. rk. juiced up volc. ^s & por	Kf. epidote alt.	A ⁺
316 - 373	juiced up metamorphosed volc. ^s , minor hy. rk.	potash metasomatism epidote alt.	A py. & cp.
(352)	<u>66 AB 45</u> - metavolc. hy.		
373 - 437	grade of pink f. hornblende foliated diorite or monzonite 2B minor inclusions	some epidote quartz veinlets.	py, cp. A
437 - 440	somewhat sheared, brecciated (?) volc.		
440 - 479	hy. rk.; some hornfelsic and juiced up volcanics and some poor por.		A ⁺
449 - 465 $\frac{1}{2}$	Lamp. (?) dike with py. & cp (?) similar to main lamp. but with some olivine altered to iddingsite or hem.		
465 $\frac{1}{2}$ - 490	2D, hy. of metavolc. breccia and dark grey por. mt. veinlet	epidote veining potash alt.	py & cp A ⁻
490	end of hole.		

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5-4 vert?

0-186 2C

intense potash
biotite alteration,
uggy, deeply
weathered, with
mal, azurite &
crystallo to at
least 150'.

186-193 grey por.
193-303 alternating grey por. &
2C.

A

303 end of hole

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5-208 footage	vent	Description	alteration	min ⁴
0 - 20		NC		
20 - 40		buttons, gray por. (2)		
40 - 84		f.m. 2B, pink por.	amphibole potash alt. kaolinized & weathered	Nil
84 - 161		2A, f. pink por., possibly intrusive into fm.	Kf.	py, cp., Tr.
(112 - 161)		quite pyritic		
161 - 168		same,	chloritized, kaolinized & potash alteration little py.	
168 - 415		2A, grey por., pyritic, cf. -46 except small sections of 2A, pink por. all pyritic		
415		end of hole		

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5-33 vert footage	description	alteration	min ⁴
0-30	grey f. por. 2A.	minor potash cal. veinlets weathered.	Tr.
30-40	2B,	potash meta- somatism	mal. Tr. - A-
40-55	grey por. f. g; like bottom of hole #3. Inclusion of hornblende diorite at 47'.	slight	Tr.
55-68	lamp.		
68-125	2A, greyish to pinkish f. por.	minor potash veinlets	Nil.
(91-93)	Kaolinized sheared por.		
125-129	slightly chloritized & sheared & brecciated.		Tr.
129-130	cf. 68-125		Tr.
130-132	cf. 125-129		
132-139	2A	slight reticulate alt.	Tr. in altered sections.
139-149	2B, pinkish alt. por. somewhat oxidized with mal.		Tr.
149-213	2A	slight reticulate alt.	Tr.
(169-171)	chloritized, kaolinized		
(181-185)	2B alteration		
213-247	2C some ig. breccia in part	intense potash, amphibole, biotite alt. calcite veinlets	Tr.
247-248	2A, pink & grey por.		B
248-254	" " "		Tr
254-256	2C, ig breccia biotitic		Tr
256-258	pink por.		Tr
258-262	2C, ig. breccia		Tr
262-264	por (2B.)		Tr
264-269	ig. breccia, 2C, biotitic		Tr
269-323	cont. alteration		
323-340	2C, ig breccia biotitic etc.		
340-346	2D, ig. breccia, dark hornfelsic fragments = vol. rk. in amphi-		

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S33

- 346-372 holitic and Kf biotite matrix
dark hornfels with reticulate
veining & brecciation by
pink & grey por.; some
cp. (2D) A
some cp.
- 372-379 breccia of hornfels in
abundant pink por. Tr.
- 379-412 2C, pink por. intense Kf alt. Tr.
- 412-428 2D, hy. rk., dark, chloritic,
meta volcanic (?), veined
by pink and grey por. Tr.
- 428-450 2C, Kf altered por. Tr.
- (439-444) 2A, pinkish por. cut by
the 2C which cont. to
the end of the hole Tr.
- 450 End of Hole.



S-207-vert

Footage

Description

Alteration

0 - 28 NC

28 - 30 2C, pink por., pyritic, weathered,

30 - 52 dark greeny-grey metavolc. pyritic.

cp. Tr

originally amagdaloidal

52 - 57 lamp. dyke, weathered

57 - 73 hornfelsic volc.,

py.^c; partly volc. breccia

73 - 76 sheared & faulted

76 - 78 lamp. dyke, sheared somewhat

(78) contact sharp at 45°/axis to hole

(78) contact between two dykes

78 - 85 f. basalt dyke

85 - 89 dark greeny-grey por.

89 - 176 2A, grey f.m. por. somewhat chloritized

& pyritized, no cp.

quite pyritic, very little other alt. except chlorite

176 - 201 hornfelsic volc., pyritic

201 - 206 ig. breccia with por. & volc.

206 - 322 2, pyritic, relatively fresh

(211) 66 AB 46

(216-218) f. basalt dyke, chilled, resembles f. brown por.

cf. 36

(240-244) dyke as (216-218)

30°/axis of hole

(322-323) sheared

322 - 356 2A, pink por.

potash moderate Tr. cp. with some shattering with qtz, feldspar amphibole vein filling, slightly pyritic

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S-207

358-367 2, grey por., quite pyritic no cp.

367-369 pink por pyritic no cp.

369-394 2, grey por., pyritic no cp.

394-397 pink por pyritic no cp.

397 end of hole

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5-15 vert(?) footage	description	alteration	min.?
0 - 9	NC		
9 - 56	ig. breccia (2C) cut by 2B, (salmon coloured por.) cut by grey por. mostly salmon coloured por.	intense Kf some open vuggy feldspar & mt.	A
56 - 92			py, cp C
92 - 125	grey stony por, 2E(?) ; fairly coarse feldspars in part. Brown coloured in places.		Tr.
125 - 137		more altered chloritized & Kf	A
137 - 202	ig. breccia (2C) in 2A <u>Note</u> : 2C is shattered and either in a por. or ig. looking matrix or filled with gt z, mt, & sulphides & amphibole		C, & py.
(232) [66 AD 47]			
202 - 206	dark green metavolc. looking breccia,		C
206 - 256	ig breccia, 2C		C
256 - 336	2C, salmon coloured fg por. & minor areas of breccia texture with little filling.	intense Kf	B
336 - 417	f. brown to grey por. 2E(2A?)	slight Kf	py Tr. cp, Tr
417	end of hole.		

5-16 vert (P)
footage

Description

Footage	Description	
0 - 10	NC	
10 - 22	buttons	
22 - 124	salmon coloured por., foliated, px's fresh, 2A. minor inclusions	py. Tr. cp. Tr
124 - 130	sheared lamp. dyke	
130 - 164	red fg por. shattered, reticulate vein network of act.	py & cp. A
164 - 212	intrusive contact of brownish f. por., chilled, 40° axis of hole becomes greyish 2E (?)	py. Tr. no. cp.
212 - 223	greenish & fawn altered por., same as before (?)	
223 - 240	red shattered fine por., amphibole filling, pyritic	
240 - 301	grey mf por., quite pyritic; coarse 2E (?)	no cp.
301 - (301)	intrusive contact at 30° foliation parallel to contact in 2E (!)	
301 - 460	Red fine por., shattered amphibole veinlets, ^{much} pyrite.	
(319 - 354)	becomes less shattered	
(354 - 364)	green colour	chloritic alt.
(375 - 390)		chloritic alt.
(387 - 388)	qtz & chloritic breccia filled fault.	
(410 - 418)	buffish coloured altered por.	cp. Tr.
460	end of hole.	

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S-13 vert?

Footage	description	Alteration	min ^A
0 - 34	salmon por, some dark frag ⁵	weathered	mal. Tr.
34 - 42	lamp. dyke		
42 - 60	salmon por, dark frag ⁵	weathered	mal. Tr.
60 - 116	" " " "	amphibole veinlets	B ⁻
(99 - 103)	lamp. dyke		
(110 - 116)	lamp. dyke		
116 - 297	cf. (60 - 116)		A
(161 - 181)	sheared lamp. dyke 35°/axis of hole		
297 - 392	med. mat. rich slightly pink por.		Nil
(359 - 364)	salmon pink med. por. probably alteration of (297 - 392), probably younger phase		
392	end of hole.		

SPECIMEN. 1966.

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LOCATION

DESCRIPTION

CARIBOO BELL.

- | | | |
|-----|-----------------------|--|
| 1 | Tr 8 W | BRECCIA OF BTYPE PORPH B ₁ |
| 2 | Tr 8 W | LAMPROPHYRES |
| 3 | Tr 8 W | BRECCIA OF BTYPE PORPH. B ₂ |
| 4 | Tr 8 W | FG MELANOCRATIC SLIGHTLY POR. - TYPE C |
| 5 | Tr 8 W | GREY MELANOCRATIC POR. TYPE A |
| 6 | Tr 8 W | |
| 7 | Tr 8 E | |
| 8 | Tr 8 E | |
| 9 | Tr 8 E | |
| 10 | Tr 9 E | |
| 11 | Tr 9 E | |
| 12 | Tr 9 W | |
| 13 | Tr 9 W | |
| 14 | Tr 4 E | |
| 15 | Tr 4 W | |
| 16 | Tr 10 E | |
| 17 | Tr 10 E | |
| 18 | Tr 10 E | |
| 19 | Tr 10 W | |
| 20 | Tr 11 W | |
| 21 | Tr 11 W | |
| 22 | Tr 12 E ; 22A Tr 12 E | |
| 23 | Tr 14 W | |
| 24 | Tr 14 W | |
| 25 | Tr 14 W | |
| 26 | Tr 14 W | |
| 27 | Tr 14 E. | |
| 28A | Tr 7 E ; 28B Tr 7 E | |
| 29 | Tr 19 W | |
| 30 | Tr 19 W | |
| 31 | Tr 19 E ; 32 Tr 19 E | |
| 32 | Tr 7 W DDH S-1. | |
| 33 | Tr 7 W DDH S-1 | |
| 34 | Tr 7 W DDH S-1 | |
| 35 | Tr 7 W DDH S-1 | |
| 36 | Tr 7 W DDH S-1 | |

PROPERTY FILE
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LOCATION DESCRIPTION

CARIBBO BOLL.

- 37 Tr. 7 W. DDH S-2
- 38 Tr. 7 W. DDH S-2
- 39 Tr. 7 W. DDH S-2
- 40 Tr. 7 W. DDH S-2
- 41 Tr. 7 W. DDH S-2
- 42 Tr. 7 W. DDH S-3
- 43 Tr. 7 W. DDH S-3
- 44 Tr. 7 E DDH S-30
- 45 Tr. 7 E DDH S-30
- 46 110' N. Tr 2 E. DDH S-207
- 47 Tr. 14 W. DDH S-15
- 47 Tr 5 E
- 48 Tr 6 E
- 49 Tr 6 W
- 50 Tr 25 E

PROPERTY FILE

93A008

5-12 vert(?)

0 - 151	salmon por. with grey por. frag ^s 2c	weathered amph. veinlets	mal. Tr cal. Tr
151 - 159	slightly chloritized breccia of same as (0-151)		c
169 - 179	grey sugary por. with chilled contacts, (see below)		

151-828 sequence of salmon por^s
with one younger phase
with large orthoclase phenx.
and one younger grey, chilled
dyke-like, por. and a series of
lamp. dykes around 600'
and some ig. breccias.
Almost no mineralization