802103

R. V. KIRKHAM

R. V. KIRKHAM

R. V. KIRKHAM

F. E. Hall

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-41 SHEET NO. 1

LOCATION TRENCH 3

TRENCH, ZONE 3

CO-ORDINATES 13100 N, 12430 E

SECTION TRENCH 3 SECTION

ELEV. COLLAR

HOLE ANGLE Vert

BEARING —

DATE BEGUN

DATE FINISHED

TYPE OF HOLE BQ-RJ

TOTAL DEPTH 532

LOGGED BY Dr Kikuchi + Asano

HOLE NO. S-41

	RECOVERY 60% 100%	LITHOLOGY		ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
		Sy	W					.04								pop near HB M-weathering
		"	W					05								" " " w-weathering
		"	W					04								" " " w-weathering w-Ca veinlet
		"	W					04								" " " w-Ca veinlet
50		"	W					04								" " " " " "
		MZ						03								porp near HB
		"						04								" " "
		"			w-chl w-chl			03								Near HB m-Ca w-weathering
		"			w-chl			03								" " " "
100		"						04								" " w-Ca clay in cracks
		MZ		w-cpy	w-Ca			03								" " w-weathered
		"		w-oxc	w-Ca			05								" " " " w-stain
		"						04								Near HB m-weathered-clay in cracks
		Sy			w-Ca			05								porp " " w "
150		"	W		w-chl			06								" " " " Ca veinlet
	G.B. Dykes	Sy			w-Ca			05								" dyke serpentinized w-weathered
		MZ		w-n-g				07								porp HB " "
		"	W	w-oxc				09								" " m "
		"	W		w-chl w-epk			07								" " w "
200		"			w-chl w-epk			09								porp Near HB " "
		"			w-chl w-epk			06								Near HB " "
		Sy			m-chl			05								" " Ca-w sheared " "
		"			w-chl			06								" " w-Ca " "
		"		w-oxc				07								" " " " " "

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-41 SHEET NO. 3
LOCATION TRENCH 3
TRENCH, ZONE 3
CO-ORDINATES 13100 N, 12430 E
SECTION TRENCH 3 SECTION

ELEV. COLLAR
HOLE ANGLE VERT
BEARING
DATE BEGUN
DATE FINISHED

TYPE OF HOLE BQ-WL
TOTAL DEPTH 532
LOGGED BY KIKUCHI & ASANO.

HOLE NO. S-41

	RECOVERY 60% 100%	LITHOLOGY	ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
500		HB W	w-chl. w-cpi	w-py w-cpy			.14								W-sheared -w-ca vienlet
		HB W	w-ca chl	w-py w cpy			.13								near Mz
		HB	w-ca-w-chl	w-py & cpy			.17								" " partly sheared
		5 3 2													
550		END													

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-41 SHEET NO. 2
LOCATION Trench 3
TRENCH, ZONE 3
CO-ORDINATES 13100 N, 12430 E
SECTION TRENCH 3 SECTION

ELEV. COLLAR
HOLE ANGLE VERT
BEARING
DATE BEGUN
DATE FINISHED

TYPE OF HOLE DQ-WL
TOTAL DEPTH 532
LOGGED BY DR Kikuchi & E Asano

HOLE NO. S-41

	RECOVERY 60% 100%	LITHOLOGY		ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
250		SY			W-oxc W-mg W-cpy			.07								near HB W-ca W-goeth
		"						.07								" " W-weathered
		Mz	W	W-chl				.07								" " " "
		"	W					.09								" " W-ca " "
300		SY		W-chl	W-oxc			.09								" " " " " "
		Mz			W-py			.07								" " " "
		"	W					.10								" " " " W-ca
	Fault Side	HB		W-epi W-ca	W-py			.10								" D1
		"			W-py			.13								" Mz clay-cracks W-ca 75°
350		"	W		W-py			.23								" " W-ca
		"	W	W-chl W-epi	W-py W-cpy			.19								" " M-ca
		PSG	W	W-chl W-epi	W-py W-cpy			.15								
		HB		W-chl	W-mg W-py			.11								
		HB	W	-	W-cpy M-py			.17								W-ca
400		HB	W	W-epi	W-py			.20								near Mz
		HB	W	W-chl	W-py			14								" "
		HB	W	W-chl W-epi	M-M W-cpy			24								" "
		HB			W-py			19								" " W-ca
		HB	W	W-chl W-ca	W-py			58								" "
450		"		W-ca	M-py W-cpy			35								" "
		"		W-ca	W-py			32								" "
		"		W-ca W-epi W-chl	W-py W-cpy			28								
		"		W-chl W-epi	W-py W-mg W-cpy			28								
				W-chl W-ca	W-py			26								prob. dead

c.c. F. E. Hall

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. 5-50 SHEET NO. 1
LOCATION West of Tr # 8
TRENCH, ZONE
CO-ORDINATES 13,160 N, 13625 E
SECTION

ELEV. COLLAR 3726' (approx)
HOLE ANGLE Vertical
BEARING VERTICAL
DATE BEGUN
DATE FINISHED Sept 26/66

TYPE OF HOLE BQ-WL
TOTAL DEPTH 507'
LOGGED BY T Kikuchi

HOLE NO. 5-50

R. V. KIRKHAM

0	RECOVERY 60% 100%	LITHOLOGY			ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS R. V. KIRKHAM
																	No Core 0-22'
		Hb		-		w-py w-mt	.0										near An - weak-sheared
		Hb		W	w-chl	w-py w-cp w-mt	.13										partly weak sheared
50'		Hb		M	w-chl	w-py w-cp w-mt	.15										" " "
		Hb		W	m-chl	w-py w-cp w-mt	.12										
		Hb		W	w-chl	w-py w-cp w-mt	.15										
		Hb		M	w-chl	w-py w-cp w-mt w-ct	.15										partly near An w-ct m Cal w-ox
		Hb		M		w-py w-cp w-mt w-oxc	.14										w-ct in check w-oxc
00		Hb		W		w-py w-cp w-mt w-oxc	.15										
		Hb		W		w-py w-cp w-mt	.13										
		D.		-		w-py w	.0										D. near Sy
		Hb		-		w-py w	.10										Hb near An
		Hb		W		w-py w-cp w mt	22										
50		Hb		M		w-cp w-oxc w-py w mt	.23										
	Ga →	Hb		W		w-py w-cp w-mt	.12										153'-155' - Ga Dyke strongly serpentinized
		Hb		W	w-chl	w-py w-cp w-mt	18										
		Hb		W	w-chl	w-py w-cp w-mt	.20										porphyric
		Hb		M	w-calcite w-chl	w-py w-cp w-mt	.16										w-ca- veinlets
		Hb		M	w-chl	w-py w-cp w-mt	18										
		Sy		M	w-chl	w-py w-cp w-mt	.18										Sy - near Hb
		Sy		M		w-py w-cp w-mt	.17		.07								" " "
		Hb		M	w-chl w-cp	w-py w-cp w-mt	.19		.03								Hb " Sy.
		Hb		M	w-chl w-cp	w-py w-cp w-mt	.16		.06								" " Sy

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. 50 SHEET NO. 2
LOCATION West of TR 8
TRENCH, ZONE
CO-ORDINATES 13,160N , 13625 E
SECTION

ELEV. COLLAR
HOLE ANGLE
BEARING
DATE BEGUN
DATE FINISHED Sept 26/66

TYPE OF HOLE BQ-WL
TOTAL DEPTH 507
LOGGED BY T. Kikuchi

HOLE NO. S-50

	RECOVERY 60% 100%	LITHOLOGY		ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
50	Ga	Hb	M		w-mt w-cp											Hb near Sy
				w-ca	m-cp w-py	.13		.21								255'-259' Dyke - almost serpentinized
		Hb	w	w-chl	w-py w-cp w-mt	.11		.08								262-264 - " " " [w-ca-vemlet
		Hb	W	w-chl	w-py w-cp w-mt	.15		.08								partly sheared
		Hb	M	w-chl w-ep	w-py w-cp w-mt	.22		.12								partly Psb breccia
00		Hb	W	w-chl w-ca	w-py w-cp w-mt	.23		.10								
		Hb	W	w-chl	w-py w-cp w-mt	.20		.07								
		Hb	M	w-chl	w-py w-cp w-mt	.17		.10								
		Hb	W	w-chl	w-py w-cp w-mt	.14		.05								partly Andesite
		Hb	W	w-chl	w-py w-cp w-mt	.15		.03								
50		Hb	W		w-py w-cp w-mt	.14		.02								
		Hb	W		w-py w-cp w-mt	.13		.03								Hb near SyP - w-ca-vemlet
*		Hb	W	M-chl	w-py m-cp w-mt	.35		.26								
		Hb	W	w-chl	w-py w-cp w-mt	.18		.14								
		Hb	W	w-chl w-ca w-ep	w-py w-cp w-mt	.16		.27								Hb near Sy
00		Hb	W	w-chl	w-py w-cp w-mt	.18		.58								
		Hb	W	w-ca w-chl	w-cp - w-py w-mt	.19		.29								
		Hb	M	w-ca w-chl w-ep	w-py - w-cp w-mt	.20		.18								
		Sy	S		w-py - w-cp w-mt	.13		.28								partly near Hb - w-ca veinlets
		Hb	W	w-chl w-ca	w-py - w-cp m-mt	.17		.35								
00		Psb	M	m-chl	m-cp - w-py m-mt	.28		.26								
		Psb	W	w-chl	m-mt w-py m-cp	.25		.38								partly sheared.
		Psb	W	w-ca m-chl w-ep	w-mt w-py w-cp	.13		.21								" weak sheared
		Hb	—	w-chl	w-mt w-py	.10		.07								Hb near An - partly sheared.
		Sy	M	w-ca	w-mt	.0-		.03								Sy near Hb - partly sheared

-1 E. Hall

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-32 SHEET NO. 1
LOCATION ZONE 1
TRENCH, ZONE TRENCH 8
CO-ORDINATES 132 + 05N - 149 + 02E
SECTION

ELEV. COLLAR 3731'
HOLE ANGLE 90°
BEARING
DATE BEGUN MAY 14, 1966
DATE FINISHED " 16, "

TYPE OF HOLE BQWL
TOTAL DEPTH 477'
LOGGED BY P.C.

HOLE NO. S-32

RECOVERY 60% 100%	LITHOLOGY	ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
	O.B.													
	2Cb				6478	.25								
		?			79	.29								COVELLITE;
					80	.21								"?"-"?" : K SPAR RARELY FREE; INTEGRAL
	2BC	KAOLNT.			81	.18								PART OF ? MONZONITE.
		K-SPAR			82	.14								
					83	.12								COVELLITE
			MAGNT.		84	.08	250 0 147 / 17 = 170							
				LOCALLY	85	.09								
100				SLIGHT Cu ST	86	.14								95'-120' ALTERED ROCK. PLAGIOCL. SHOT 100
					87	.13								POSSIBLY SOME COVELLITE MIXED WITH Fe, Mn
					88	.18								STAIN ON FRAC^S
					89	.10								
	2A				90	.10								
	2Bc				91	.13								PLAGIOCLASE PHENOX^S HIGHLY ALTERED
	2A				92	.10								
	2/2Bc				93	.12								
	2A				94	.14								
	2/3			?	95	.23								MODERATELY HEAVY STAIN IN BROKEN CORE
200	3/2			?	96	.25								ESTIMATE V. UNRELIABLE 200
				?	97	.32								
BROKEN				Cu 0	98	.47	451 0 50 / 9 = 90							MAGNT SPOTTY LOCALLY HIGH CONCENTRATIONS
CORE					99	1.57								
					6500	1.06								

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. 5-32

HOLE NO. 5-32 SHEET NO. 2
LOCATION
TRENCH, ZONE
CO-ORDINATES
SECTION

ELEV. COLLAR 3731'
HOLE ANGLE
BEARING
DATE BEGUN
DATE FINISHED

TYPE OF HOLE
TOTAL DEPTH 477'
LOGGED BY

	RECOVERY 60% 100%	LITHOLOGY	ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
	BROKEN				?	5652	0.18								± MINOR 2D
	CORE				?	53	.22								
		3/2			?	54	.16								
						55	.12								
300		2A	65°	TR	-	56	.09								300
				"	-	57	.11								
		2/3				58	.13								
		2D				59	.08								
						60	.23								
		2				61	.18								
						62	.17								
		1		TR. MAGNT		63	.12								
						64	.12	2.52/20 = 0.12/20							CPY EXTREMELY FINE-GRAINED
						65	.09								
400						66	.12								400
						67	.16								
		1/2				68	.12								
		2/3				69	.10								
		3/2				70	.05								
		2B				71	.13								
		2/3				72	.12								2/3 COMPARATIVELY COARSE, APPROACHING 2BC
						73									
						74	.12								

MR. F. E. HALL

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-39 SHEET NO. 1
LOCATION TRENCH 3
TRENCH, ZONE 3
CO-ORDINATES 13155 N, 12825 E
SECTION TRENCH 3 SECTION

ELEV. COLLAR 3645.4
HOLE ANGLE 90°
BEARING –
DATE BEGUN
DATE FINISHED

HOLE NO. S-39
TYPE OF HOLE BQ-WL
TOTAL DEPTH 877
LOGGED BY Du Kikuchi + Asano

Depth	Recovery 60% 100%	Lithology		Alteration 0% 100%	Accessories 0% 20%	Estimated Cu 0% 2%	Core No.	Core Cu	Core Avges	Cuttings (or Sludge) No.	Cuttings Cu	Cuttings Avges	Composites Cu	Composites Au	Composites Ag	Remarks
						27	915									
		OB														
50																
		DI	W	w-ca	w-ct w-cpy	27	915	.12								(partly S-Kspar) + brecciated porphyry Near HB w-weathering-sheared
		HB		m-ca w-chl w-epi				.05								partly PsBP + Andesite w-weathering + sheared
		HB		m-Ca w-chl w-epi	w-cpy			.04								slightly di porp + And w-weathering w-sh
		GB						.04								
100		PSB	Δ	w-ca w-chl w-epi	w-py w-cpy			.13								porp w-sheared w-weathered
		HB		w-ca w-chl w-epi	w-py w-cpy			.06								" " " "
		"	W		w-mg w-py w-cpy			.14								Near syenite "
		"		w-ca M-chl w-epi	w-mg w-py w-cpy			.18								" "
		SY	M	w-chl w-epi				.18								porp Near HB " " Kaolin in cracks
150		"		w-chl w-ca	w-mg w-py w-cpy			.19								" " " " " w-sheared
		PSB	Δ M	w-chl w-epi w-ca	S-mg w-cpy			.19								porp M " " "
		"	Δ M	w-chl w-epi	w-mg w-py	42	501	.21								"
		"	Δ W	w-chl w-ca w-epi	w-mg w-cpy		02	.17								" W. Kaolin
		"	Δ W	w-chl w-ca	M-mg M-cpy		03	.36								" " "
200		"	W	w-ca	M-mg w-cpy		04	.20								porp " "
		"	Δ S	w-chl w-ca	w-mg w-cpy		05	.46								" " "
		"	Δ	w-chl w-ca	w-mg w-cpy		06	.23								" " "
		"	Δ M	w-epi			07	.16								" " w-sheared
	PSB GB	PSB	M	w-ca w-chl w-epi	w-mg w-cpy		08	.15								andesite porp

MR. F. E. HALL

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-39 SHEET NO. 2
LOCATION TRENCH 3
TRENCH, ZONE 3
CO-ORDINATES 13155 N, 12825 E
SECTION TRENCH 3 Section

ELEV. COLLAR 3645.4
HOLE ANGLE 90°
BEARING —
DATE BEGUN
DATE FINISHED

HOLE NO. S-39
TYPE OF HOLE BQ-WL
TOTAL DEPTH 877
LOGGED BY Dr. Kikuchi + Asano

	RECOVERY 60% 100%	LITHOLOGY		ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
250		PSB	Δ M	w-chl w-epi	w-mg M-cpy	42	510	.36								porp w-Kaolin
		S4		w-ca w-chl	w-mg		11	.26								Near HB
		PSB	Δ M	w-chl w-epi w-zeolite	w-oxo M-et w-mg		12	.50								porp w-sheared
			Δ W	w-chl	w-mg w-cpy		13	1.20								M-Kaolin
300		PSB	W	w-chl w-ca	w-mg w-et		14	1.25								porp " "
		PSB	Δ W	M-epi w-chl	w-mg		15	.50								" W " partly sheared
		PSB	Δ W	w-epi	w-oxc w-et w-mg		16	.61								" " "
		PSB	Δ W	w-chl	w-oxc w-et w-cpy		17	.75								" " "
		PSB	Δ W	w-chl w-ca w-epi	w-mg		18	.16								"
350		PSB	Δ M	w-chl	w-cpy		19	.16								" W-Kaolin
		PSB	Δ	w-ca w-chl	w-mg w-py	42	520	.23								"
		PSB	Δ W	w-chl w-epi	w-mg w-et w-cpy w-py w-oxc		21	.46								" W-Kaolin
		PSB	Δ M	w-ca w-epi w-chl	w-oxc w-et		22	.29								"
		PSB	W	w-chl w-epi w-ca	w-mg M-et w-cpy		23	.33								"
400		PSB	Δ W	w-ca	w-mg w-oxc w-et		24	.42								"
		PSB	W	w-ca w-epi	w-oxc		25	.24								" partly sheared W-Kaolin
		PSB	Δ W	w-chl w-mg w-epi	w-py		26	.24								" W-Ca veinlet
		PSB	Δ W	w-chl w-epi w-ca	M-oxc M-et		27	.52								" W-Kaolin
		PSB	Δ W	M-zel	w-mg w-py w-cpy		28	1.40								porp Near HB
450		PSB	Δ M	w-chl	w-oxc w-mg w-cpy		29	.75								" w-sheared W-Kaolin
		PSB	M	w-ca w-epi		42	530	.24								"
	post ore G.B	PSB	M	w-chl w-epi	w-oxc		31	.23								"
		PSB	Δ W	w-chl w-mg	w-py		32	.09								"
		PSB	Δ W	M-chl w-ca	w-py w-cpy		33	.03								"

MR. F. E. HALL

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-39 SHEET NO. 3
LOCATION TRENCH 3
TRENCH, ZONE 3
CO-ORDINATES 13155 N, 12925 E
SECTION TRENCH 3 Section

ELEV. COLLAR 3645.4
HOLE ANGLE Vert.
BEARING —
DATE BEGUN
DATE FINISHED

TYPE OF HOLE BQ-WL
TOTAL DEPTH 977
LOGGED BY Dr K. Kuchi + Asano

HOLE NO. S-39

R. V. KIRKHAM

R. V. KIRKHAM

	RECOVERY 60% 100%	LITHOLOGY		ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
		PSB	Δ W	M-chl w-epi		42	535	.04								porp
		SY	M		w-oxc		36	.15								"
		"	"	w-ca	w-oxc w-ct		37	.21								" Near HB
		PSB	Δ	w-chl w-epi w-mg	w-cpy		38	.23								" " Sy w-Kaolin
50		SY	M	w-ca	w-cpy		39	.18								" HB w " w-sheared
		"	"	w-ca	w-cpy	42	540	.20								" Mz " "
		HB		w-ca w-chl w-epi	M-cpy		41	.42								w-Kaolin Near Mz sheared fault
		"		w-chl w-ca pl	M-cpy		42	.22								porp near sy
		PSB	Δ	w-chl w-ca w-epi	w-mg w-cpy		43	.13								"
00		"	Δ W	w-epi w-chl	w-cpy w-py		44	.08								"
		"	W	w-chl w-epi	w-py w-cpy		45	.11								" slightly decomposed w-ca
		"	Δ W	w-chl w-epi	w-py w-mg w-cpy		46	.12								" w-ca
		"	Δ W	w-chl w-epi	M-cpy w-mg		47	.24								" partly HB from AN
		"	Δ	M-chl w-epi	M-cpy		48	.12								" " sheared with clay
50		HB		M-chl w-epi	M-cpy		49	.30								from Andesite sheared-clay
		"		w-chl	M-cpy	42	550	.63								w-ca veinlet M-sheared
		PSB	Δ	w-chl w-ca w-epi	M-cpy		51	.45								porp partly sheared clay
		HB	W	w-chl M-epi	S-cpy		52	.63								" " "
		"		M-chl	M-cpy		53	1.45								w-sheared
00		"		w-chl w-epi	M-cpy		54	1.00								" "
		"		w-chl w-epi	M-cpy		55	.65								" "
		"		w-chl w-epi	w-mg M-chl		56	1.35								" "
		PSB	Δ M		w-cpy		57	.33								porp " " w-ca
		"	Δ "		w-cpy		58	.21								" "

MR. F. E. HALL

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. 39

HOLE NO. S-39 SHEET NO. 4
LOCATION TRENCH 3
TRENCH, ZONE 3
CO-ORDINATES 1355 N, 1292 E
SECTION TRENCH 3 SECTION

ELEV. COLLAR 3645.4
HOLE ANGLE Vert.
BEARING —
DATE BEGUN
DATE FINISHED

TYPE OF HOLE RQ-WL
TOTAL DEPTH 877
LOGGED BY D. Kikuchi

	RECOVERY 60% 100%	LITHOLOGY			ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
50		HB			M-chl w-epi w-gn	w-mg M-cpy	42	560	.22								w-Ca veinlet
		"			M-chl w-epi w-gn	w-cpy		61	.21								" " "
		"			M-chl M-epi	M-mg ≥chl		62	1.50								" " "
		"		W		w-cpy		63	.18								partly sheared Ca veinlet w
100		PSB	Δ	W	w-chl	w-cpy		64	.44								porp " " " " "
		"	Δ	W	w-chl w-epi w-gn	w-cpy w-py		65	.30								" Ca veinlet M
		"			w-chl w-epi	w-cpy		66	.36								" S- sheared
		"	Δ	W	w-chl w-epi	M-cpy		67	.35								" W. "
		"	Δ	"	w-chl	w-mg, Mcpy		68	.45								porp Ca veinlet
150		"	Δ	"	w-chl w-epi	w-cpy		69	.45								" partly sheared
		"	Δ	M	w-epi	w-cpy	42	570	.22								" w-Ca veinlet
		"	Δ		w-epi w-chl	w-cpy		71	.16								"
		"				w-cpy		72	.15								" w-Ca
		877 end of hole															
200																	

F. P. Hall

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-49 SHEET NO. 1

LOCATION

TRENCH, ZONE Between TR 3 & 2

CO-ORDINATES 13,160N, 13220 E

SECTION

ELEV. COLLAR 3688 (Rough Approx)

HOLE ANGLE Vertical

BEARING

DATE BEGUN SEPT 12/66

DATE FINISHED SEPT 17/66

TYPE OF HOLE BQ-WL

TOTAL DEPTH 806½

LOGGED BY T. K.

HOLE NO. S-49

	RECOVERY 60% 100%	LITHOLOGY	K	ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
		no core														no CORE
		SyP	W	M-chl, W-ep	M-cp. W-mgt.	.20										partly Hb
50		SyP	"	W-chl W-ep	M-cp. W-mt.	.20										near Hb
		"	"	W-chl. W-ca. W-ep.	W-cp W-mt	.15										partly Hb
		Hb	•	W-chl W-gr W-ep	M-cp W-mt	.25										near Sy
		psB	▷ "	M-chl W-gr M-ep	S-cp M-mt	.40										
		"	M	W-chl W-ep	M-cp W-mt	.25										
100		"	M	W-chl W-ep	W-mgt W-cp	.17										partly Sy
		SyP	M	W-chl W-ep	W-ca W-cp W-py W-mt	.15										
		SyP	M	W-chl W-ep	W-cp	.15										near Hb, partly w-sheared w/ white clay.
		SyP	W	W-chl	W-cp	.12										partly psb.
	Ga	SyP	M	W-chl	W-cp	13										near Hb.
150		Hb	M	W-chl W-ep	W-mt W-py W-cp.	.15										partly near SyP
	Ga	Sy	M	W-chl	W-py W-cp	.10										partly near Hb.
	Ga	Sy	M	W-chl W-ca W-ep	W-cp	.10										partly " "
		Sy	W	W-chl W-ep	S-py W-mt W-cp	.15										partly Hb.
		Hb	W	M-chl W-ep.	W-mt M-py M-cp	.18										
200		Hb	W	W-chl W-ep	S-py W-cp W-mt	.17										partly psb
		Psb	▷ W	M-chl W-ca (vein) W-ep	W-cp W-py W-mt	.15										
		Psb	▷ W	M-chl W-ep	W-mt W-py W-cp	.15										
		Psb	▷ M	M-chl W-ca	W-cp W-py	.10										
		Psb	▷ M	M-chl W-ca W-ep	W-mt W-cp M-py	.13										

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-49 SHEET NO. 2
LOCATION
TRENCH, ZONE Between TR 3 & 2.
CO-ORDINATES 13,160 N, 13,220 E
SECTION

ELEV. COLLAR 3688 (ROUGH APPROX)
HOLE ANGLE VERTICAL
BEARING
DATE BEGUN SEPT 12/66
DATE FINISHED SEPT 17/66

TYPE OF HOLE BQ-WL
TOTAL DEPTH 806½
LOGGED BY KIKUCHI

HOLE NO. S-49

	RECOVERY 60% 100%	LITHOLOGY	K	ALTERATION 0% 100%		ACCESSORIES 0% 20%		ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
250		Syp	M	w-chl	w-ca	w-cp		.13										partly Hybrid.
		Syp	M	w-chl	w-ca	w-cp	w-py	.11										ca-in violet
		Sy	M	w-chl		w-	w py	.0										
		Sy	W	m-chl	w-ca	w-cp w-gn.	w-py	.10										near Hybrid
300		Hb	W	w-chl	w-ca w-ep	w cp	w-py	.10										near Sy
		Syp	M	w-chl	w-	w-cp	w py	.13										near Hybrid.
		Hb	M	m-chl	w-ca	w-cp	w-py	.12										near Sy.
		Sy	M	w-chl		w cp	w-py	.11										partly near Hyb
		Hb	W	m-chl	w-ca (vei let	w-cp	w py	.10										
350		Sy	M	w-chl				.0										near Hyb
		Sy	M	w-chl		w-cp	w-py	.13										partly near Hy
		Sy	M	w-chl				.0										near Hyb
		Hb	M	w chl	w kl	w cp	w py	.11										near Syen
		Hb	W	m chl		w cp	w-py w mt	.12										near "
400		Hb	W	m-chl			w-mt	.0										" "
		Hb	W	m-chl	w-ca	w-cp	w-py w mt	.15										
		Hb	W	w-chl	w-ca	w-cp	w mt	.14										
		Hb	M	w-chl	w-ca	w-cp	w mt	.20										
		Hb	W	w-chl	w-ca	w-cp	w-mt	.18										partly w- sheared.
450		Hb	M	w-chl	w-ca	~~w-py~~	w mt	.15										Hb near Sy
		Mz	W	w-chl		w-py		.10										Mz near Hb - partly w- sheared
		Mz	W	w-chl	w-ca vei let	w-cp		.18										near Hb - w- ca violet
		Hb	M	w-chl		w-cp	w. mt	.25										Hb near Sy
		Hb	M	w chl w-ca		w-cp w-py	w mt	.17										" " " w-ca violet

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-49 SHEET NO. 3
LOCATION Between Tr 3 & 2.
TRENCH, ZONE
CO-ORDINATES 13,160N , 13,220E
SECTION

ELEV. COLLAR 3698 (Rough Approx)
HOLE ANGLE VERTICAL.
BEARING
DATE BEGUN SEPT 12/66
DATE FINISHED SEPT. 17/66.

TYPE OF HOLE BQ-WL
TOTAL DEPTH 806.5'
LOGGED BY KIKUCHI

HOLE NO. S-49

Depth	RECOVERY 60% 100%	LITHOLOGY		ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
300	Ga															
		Hb	W	w-ca w-chl	w-cp	.12										partly near Mz
		Hb	M	w-chl w-ca	w-cp	.18										w-ca vienlet. - partly w sheared.
		Hb	M	w-chl	w-cp w-mt	.18										Hb near Sy - partly - w - sheared with Kl
350		Hb	W	w-chl w-ca m	w-cp w-mt	.18										
		Hb	W	w-chl w-ca	m-cp m-mt	.25										
		Hb	M	w-chl w-ca	w-cp w-mt	.15										Hb near Sy
		Hb	W	w-chl w-ca	m-cp w-mt	.23										
		Hb	W	w-chl w-ca	w-cp w-mt	.20										Hb " "
400		Pb	M	w-chl w-ca	w-cp. w-mt	.20										Pb partly near Sy
		Pb	M	w-chl w-ca	w-cp w-mt	.19										" " " "
		Sy	M	w-chl w-ca	w-cp. w-mt	19										Sy- near Hb.
		Hb	W	m-chl w-ca	m-cp w-mt	.28										
		Hb	W	w-chl w-ca	w-cp. w-mt	.24										Hb " Sy.
450		Hb	W	w-chl w-ca	w-cp w-mt	.22										partly sheared.
		Hb	M	w-chl w-ca	w-cp w-mt	.25										
		Hb	W	m-chl w-ca	w-cp m-mt	28										
		Hb	W	s-chl	w-cp w-mt	.21										
		Hb.	W	m-chl w-ca	w-cp. w-mt	.20										
500		Hb	M	w-chl w-cp w-ca	w-cp. w-mt	.17										Hb near Sy w-ca veinlet
		Sy	M	w-chl w-cp	w-cp w-mt	.15										Sy near Hb
		Hb	M	w-chl	w-cp w-mt	.22										Hb near Sy w-ca "
		Hb	M	w-chl w-cp	w-cp w-mt	.28										" " "
		Hb	M	w-chl w-cp w-ca	w-cp w-mt	.22										" " "

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-49. SHEET NO. 4.
LOCATION Between TR 2 & 3.
TRENCH, ZONE
CO-ORDINATES B,160N, B,220E
SECTION

ELEV. COLLAR 3688 (ROUGH APPROX).
HOLE ANGLE VERTICAL.
BEARING
DATE BEGUN Sept 12/66
DATE FINISHED Sept 17/66

TYPE OF HOLE BQ-WL HOLE NO. S-49
TOTAL DEPTH 806.5
LOGGED BY

R. V. KIRKHAM
R. V. KIRKHAM
R. V. KIRKHAM

	RECOVERY 60% 100%	LITHOLOGY			ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
750		Hb		W	w-chl w-ep	w-cp. w-mt	.15										partly sheared.
		Hb		W	w-chl	w-cp w-mt	.15										" "
		Syp		M	w- w-ca	w-mt	.13										syp near Hb.
		Mz		W	w-dl w-ep w-ca	w-cp	.13										Mz near Hb
800		Syp		W	w-chl w	w-cp	.11										Syp " " partly sheared.
		Hb		W	m-chl w-ep	w-cp. w-py w-mt	.11										Hb near Mz.
		806½ End of Hole															
						Avge	.160										

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-6 SHEET NO. 1
LOCATION ZONE 2
TRENCH, ZONE TRENCH 8
CO-ORDINATES 131+64N - 142+1W
SECTION

ELEV. COLLAR 3727
HOLE ANGLE 90'
BEARING
DATE BEGUN MARCH 29, 1966
DATE FINISHED MARCH 31, 1966

TYPE OF HOLE BQWL
TOTAL DEPTH 303'
LOGGED BY P.C.

HOLE NO. S-6

	RECOVERY 60% 100%	LITHOLOGY	ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS (OR SLUDGE) CU	CUTTINGS (OR SLUDGE) AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
	50%	3				5681	48								4' NO SAMPLE
		2	BIOT			82	48								
		3				83	41								
						84	42	4.75/9 = 0.47%/90'							MOST MALACHITE WITH ZEOLITE(S) IN VUGS
50			EPDT.			85	58				.003	0.44	0.02	0.01	50
		2 3				86	36								
						87	45								
						88	49								
			K-SPAR			89	58								NEAR CONTACT WITH 5, 3 IS KAOLINIZED +
100				MAGNET.		90	12								CRUSHED 100
		5				91	04	0.49/3 = 0.16/30'					0.01	0.07	
						92	33								
		3/(2)				93	47								173.5' Cu_2O
						94	48								
150						95	34	0.72/6 = 0.45/60'							150
		2 3				96	52				0.001	0.38	0.02	0.02	
		2/3				97	47								
						98	44								
						99	28								
200		2 3				5100	28								200
						01	27	1.54/5 = 0.31/50'							
		2 2A				02	32								2A DISTINCT BODY ? OR TRANSPORTED ?
		3/2				03	39								
						04	07						0.02	0.02	2A WELL NIGH BARREN. PLAGIOCLASE PHENOXS

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-6 SHEET NO. 2
LOCATION ZONE 2
TRENCH, ZONE TRENCH 8
CO-ORDINATES
SECTION

ELEV. COLLAR
HOLE ANGLE
BEARING
DATE BEGUN
DATE FINISHED

TYPE OF HOLE
TOTAL DEPTH 303
LOGGED BY PC.

HOLE NO. S-6

	RECOVERY 60% 100%	LITHOLOGY	ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
					–	5706	.05								
		2A			–	07	.08								
					–	08	.07	0.54/7 = 0.08/10							
					–	09	.07								285' SHEAR 90' WITH SLICKS 30°
300		3			–	10	.15								# 5710 290'-303' SOME CPY + Cu_2O 301'-303'
															TO BE CONTINUED ?! 300'

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-5 SHEET NO. 1
LOCATION ZONE 2
TRENCH, ZONE TRENCH 8
CO-ORDINATES 131+68N - 144+07W
SECTION

ELEV. COLLAR ~~3544'~~ 3744
HOLE ANGLE 90°
BEARING
DATE BEGUN MARCH 25, 1966
DATE FINISHED MARCH 28, 1966

TYPE OF HOLE BQ WL
TOTAL DEPTH 307
LOGGED BY P.C.

HOLE NO. S-5

Depth	Lithology	Alteration	Accessories	Estimated Cu	Core No.	Core Cu	Core Avges	Cuttings No.	Cuttings Cu	Cuttings Avges	Composites Cu	Composites Au	Composites Ag	Remarks
	2				5625	.67								
					26	1.05								? PROB. WEATHERED 2
	2/3				27	.60	3.63/5 = .72/50'			.001	0.68	0.02	0.06	
		K-SPAR			28	.62								39' Cu_2O
50	△				29	.69								△ WITH CPY, Fe_3O_4 50
	5				30	.22								5 BARREN
	3				31	.11	1.09/5 = 0.22/50'							
	5				32	.12						0.01	0.04	
					33	.30								82' 1' CORE LOST AS BARREL DID NOT LOCK
100	2/3		MAGNETITE		34	.35								90'± SHEARED 100
	3				35	.56								
					36	.72								120' Cu_2O
					37	.32								
					38	.45								
150					39	.35								150
					40	.26								
	2/3				41	.50								170'± UNKNOWN GREEN MIN.
					42	.50								
					43	.34								
200		← BIOT			44	.60	8.35/18 = 0.46/100			.001	0.39			EPDT TRACE 200
					45	.35								
					46	.38						0.01	0.04	
					47	.45								
	3 2				48	.72								

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-5 SHEET NO. 2
LOCATION ZONE 2
TRENCH, ZONE TRENCH 8
CO-ORDINATES
SECTION

ELEV. COLLAR
HOLE ANGLE
BEARING
DATE BEGUN
DATE FINISHED

TYPE OF HOLE
TOTAL DEPTH 307
LOGGED BY P.G.

HOLE NO. S-5

	RECOVERY 60% 100%	LITHOLOGY	ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR ~~SLUDGE~~) NO.	CUTTINGS CU	~~AVGES~~ MoS	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
						5650	.35								
		3/2	BIOT			5676	.50				.003	0.47			269 BORNT.
						77	.61								CPY V. COARSE-GRAINED
						78	.26								287 NAT Cu
300		5		MAGNETITE		79	.11	0.59 1/3 = 0.20 30'					0.02	0.01	300
		3/2	K-SPAR			80	.22								

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-4 SHEET NO. 1
LOCATION ZONE 2
TRENCH, ZONE TRENCH 8
CO-ORDINATES 131+90N - 147+03E
SECTION

ELEV. COLLAR ~~[illegible]~~ 3725'
HOLE ANGLE 90°
BEARING
DATE BEGUN MARCH 19, 1966
DATE FINISHED MARCH 24, 1966

TYPE OF HOLE BQ-WL
TOTAL DEPTH 303'
LOGGED BY P.C.

HOLE NO. S-4

R. V. KIRKHAM

R. V. KIRKHAM

	RECOVERY 60% 100%	LITHOLOGY	ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS (OR SLUDGE) CU	CUTTINGS (OR SLUDGE) AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
		2/2C				5594	.47								
			K-SPAR			95	.62								
						96	.82								LOCALLY CHRISOCOLLA
						97	.42								
50		2				98	.44								50
			BIOT		ENTIRE 150'	99	.30								53-57 K-SPAR KAOLINIZED
		△		MAGNT.	HEAVILY	5600	.72						0.02	0.11	
		2C			STAINED	01	.79				.002	0.67			ZEOLITE 70'
						02	.85	12.43/17 = 0.73 / 170							
100			PROBABLY			03	.42								85' - 137' GOUGE, SHEARED, BROKEN ROCK 100
110		2/3	MUCH PRE			04	1.61								ROCK PROB 2/3, IDENTITY NOT CERTAIN
120		2C	FAULTING			05	.72								
130		?	K-SPAR			06	2.29								
140						07	.79								
150		5				08	.38								145'± COVELLITE 150
						09	.42								
		2C				10	.37								
						11	.26								
						12	.28								
200						13	.33	1.29/6 = 0.21/60							195 - 196 Cu_2O 200
						14	.18								200' - 215' 2 → 2A ?
						15	.12								
		2				16	.12						0.02	0.02	
						17	.14								

CARIBOO-BELL COPPER MINES LIMITED DRILL HOLE LOG AND SAMPLE RECORD

HOLE NO. S-4 SHEET NO. 2
LOCATION ZONE 2
TRENCH, ZONE TRENCH 8
CO-ORDINATES
SECTION

ELEV. COLLAR
HOLE ANGLE
BEARING
DATE BEGUN
DATE FINISHED

TYPE OF HOLE
TOTAL DEPTH 303'
LOGGED BY P.C

HOLE NO. S-4

	RECOVERY 60% 100%	LITHOLOGY	ALTERATION 0% 100%	ACCESSORIES 0% 20%	ESTIMATED CU 0% 2%	CORE NO.	CORE CU	CORE AVGES	CUTTINGS (OR SLUDGE) NO.	CUTTINGS CU	CUTTINGS AVGES	COMPOSITES CU	COMPOSITES AU	COMPOSITES AG	REMARKS
						5619	.66								
		2				20	.27								
						21	.19								280'-283' GOUGE
						22	.12	.068 0.17 / 4' 40'							289 EPDT TR.
300						23	.18								Y FINE-GRAINED CPY 300
						24	.19								