MAP NO: 106E/1

ASSESSMENT REPORT: X

DOCUMENT NO: 093223

PROSPECTUS:

MINING DISTRICT: Mayo

CONFIDENTIAL: X

TYPE OF WORK: Diamond drilling

OPEN FILE:

REPORT FILED UNDER: Pamicon Developments

DATE PERFORMED: June 1994

DATE FILED: October 24, 1994

LATITUDE: 65 05

AREA: Fairchild Lake

LONGITUDE: 134 15

VALUE:

CLAIM NAME AND #: Hoover 1,2,3

WORK DONE BY: Murray Jones, K, Hofmann

WORK DONE FOR: Pamicon Developments/Newmont/Westmin JV

DATE TO GOOD STANDING	

REMARKS: DDH HV94-3,5,6,7,8. Assayed for Cu,Au. Values up to 4.4% Cu, 7.84 g/T Au over 1.0 meters intersected in DDH HV94-3 and 2.71 % Cu, and 1.12 g/T Au over 1.0 meters in DDH HV94-5. Intersections were in crackle brecciated cherty argillites and siltstones of the Wernecke Supergroup. High assays are broadly associated withan increase in brecciation and feldspar, tourmaline and strong biotite alteration with up to 30% cpy in matrix.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no.

R.M.M.R. file no.

Date forwarded 3 Nov. 94

TRANSMITTAL FORM

OFFICE OF THE REGIONAL MANAGER MINERAL RIGHTS NOV 0 8 1994 WHITEHORSE YUKON TERRITORY

From ▶ Mining Recorder at: Mayo

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☑ DIAMOND DRILL LOGS — Claims: Hoover Group — Claim sheet no.: 106-E-1
- ☐ QUARTZ ASSESSMENT REPORT — Claims — Claim sheet no.

Type of report — Submitted by

Cls. work performed on — $ req. for ren. application

Please return one copy of numbered report and Index card for our files. Thankyou.

Graham
Signature

Date returned

REPLY ACTION

Signature

802-37 (7-88)

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

RECEIVED OCT 21 1994 MINING RECORDER MAYO, Y.T. & N.D.

PROJECT FAIRCHILD - HOOVER

HOLE NO. HV-94-3

LOCATION HOOVER GRID 7075N / 5002E

CLAIMS HOOVER 1 + 2 YB28692 YB28693

LOGGED BY MTS

DATE JUNE 19, 1994

CONTRACTOR FALCON DRILLING

CORE SIZE NTW

DATE STARTED JUNE 15, 1994

DATE COMPLETED JUNE 18, 1994

DIP TESTS SPERRY - SUN
- 18.67 m - -48° @ 064° - magnetite
- 102.11 m - -50° @ 062° - magnetite near.
- 208.79 m - -50° @ 063° - no magnetite

COMMENTS

STANDARD REFERENCE
- 933425 - GO2 - #21
- 933450 - MS3 - #6
- 933475 - SOT - #11
- 933500 - GO2 #21
- 933520 - MS3 #6
- 933545 - SB2 #10

SAMPLE 933530 - NO SAMPLE

NOTE - CORE STORED AT COPPER POINT AIRSTRIP, SCALE 1:3 MINERAL CLAIM (NTS 106 D/16).

GROUND ELEV. 638m

BEARING 059°

DIP -45°

TOTAL LENGTH 210.62 m

HORIZONTAL PROJECT 136 m

VERTICAL PROJECT 160 m

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

LEGEND
- FD - FELDSPAR
- CB - CARBONATE
- HM - HEMATITE
- CL - CHLORITE
- BI - BIOTITE
- TM - TOURMALINE
- MG - MAGNETITE

RQD - ROCK QUALITY DESCRIPTOR

PAGE 2 OF 21	PROJECT: FAIRCHILD - HOOVER	HOLE NO. HV 94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION: FD (A)	CB (B)	HM (C)	CL (D)	BI (E)	RQD FRACTURE INTENSITY	VEIN QTZ.	MG
0				0 - 1.5 CASING								
	100		FD-CB-MS vn 25	1.5 - 210.62 Fchc ~ crackle brecciated. - altered bx'd sediments · cherty, argillites and siltstones - spotted hornfels. - biotite common in layers (dark brown) alternating w/ lighter sericitic/chloritic layers, commonly w/ calcite.								
5	78			- foliation compositional layering shows severe disruption locally - due to bxn of rock? - crackle bxn/hairline fractures f/o - quartz-calcite veins very common - variable attitudes, also as bx matrix - magnetite occurs as discrete blebs, concentrated in layers						26		
	76		CB-CL-MS	5.35 - 8.23 - quartz-calcite-albite vein/bx, sub parallel to core axis 7.75 - 9.70 - very broken ground.								
10	100											
	108		CA-MS-GARNET	11.56 - 24.17 - dk. brown laminated - biotite hornfels? - very hard locally - tourmaline - still lighter colour inter-layers - grey to green - magnetite concentrated in lighter coloured layers. - also mx biotite in irregular veinlets, and fx filling.								
15	71		40 folin; late CA-MS-CPY vn	- calcite alt'n - pervasive in lighter grey layers.						82		
	92		late CA-MS cpy-py-TO! veinlets - also, irregular infilling; cal. veins	- layering commonly has wisp'd effects - folding? - giving compositional bands irregular contacts. - also, layering is commonly offset along fractures.								
20	100		33									
	100											

 PROJECT: FAIRCHILD – HOOVER HOLE NO: HV-94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			MAG SUSCEPT (SI×10⁻⁵)	SCINT (cps)
trace - 0.5% cpy, py as dissem and in fracs/veinlets w/ calcite, magnetite, sericite and, possibly, minor quartz		1.52	3.02	1.50	933407	<5	159			3x5-60 highly variable	60-80 cps
		3.02	4.52	1.50	408	<5	162			pk. 4x20	
		4.52	5.35	0.83	409	<5	55			pk 4x20	
		5.35	8.23	2.88	410	<5	57				
		8.35	9.70	1.35	411	<5	156				
		9.70	11.58	1.88	412	<5	35				
tr - 1% cpy, minor pyrite, in fracs and [illegible] veins / qtz - cal [illegible] veinlets [illegible] including ~ perpendicular to [illegible]		11.58	13.08	1.50	413	<5	30			3x20-40, 60-80 peaks	
- rare malachite on fractures		13.08	14.58	1.50	414	<5	58			pk 4x5	
		14.58	16.08	1.50	415	<5	440				
		16.08	17.58	1.50	416	<5	89			pk 4x15	
		17.58	19.08	1.50	417	<5	148			pk 3x95	
		19.08	20.58	1.50	418	<5	279				
		20.58	22.08	1.50	419	<5	137			pk. 4X	
		22.08	23.58	1.50	420	<5	234				

N2/E2

MADE IN VANCOUVER, CANADA

PAGE 4 OF 21	PROJECT: FAIRCHILD - ~~HOOVER~~ HV	HOLE NO. 94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D (CL)	E (BI)	FRACTURE INTENSITY	% VEIN QTZ.	MG
	100									82		
25	98		38	24.17 - 24.19 dark coloration zone - garnets appear in calcareous layers in sediments - increased Ca in this section ? - - magnetite occurs in calcite veins - py also								
			CA-MG-MS									
	110		51, 35							50		
30	96											
	54		20 - CA HS/CL selvages									
	99		30 - MG									
35			CA-GB; CA-MG	34.69 - 52.25 - darker coloration biotite? - ~~garnets continue becoming ... concentrated overall ~10% locally~~ - brown - red (almandine ?) garnets. or andradite - calcite - magnetite - quartz veins common - variable attitudes - good proportion sub parallel to core axis - garnet - epidote? selvages								
	96		27; PY-MG; CA-BI-CA bed w/ GA							93		
			39	37.90 - 10cm wide - vein / Bx'd bed within phyllite - CA-CL-GA bed is dilated disrupted w/ grey phyllite - CA-MG-PY-GA vein marks the boundary (x-cutting ?) - several other similarly disrupted beds in section (- calcareous layers originally argillite => chlorite-biotite, grey albitized layers originally siltstone - albitized earlier so more competent ?) - see specimen								
40	100		CA, 25									
	98											
45			31									

PAGE 5 OF 21 | PROJECT: FAIRCHILD HOOVER | HOLE NO. HV-94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG. SUSCEPT	SCINT
								pk 4x20	
		23.58	25.08	1.50	93342	<5	<1		
trace - py. disc'd blebs in calcite veins								3x40-60	60-80
								>80 plus	cps
		25.08	26.58	1.50	422	<5	1	↓	↓
		26.58	28.08	1.50	423	<5	1		
		28.08	29.58	1.50	424	<5	4		
93425 - 520 ppb Au 122 ppm Cu					425	STANDARD			
		29.58	31.08	1.50	426	<5	1		
		31.08	32.92	1.84	427	<5	12		
		—							
		32.92	34.42	1.50	428	<5	10		
		34.42	35.92	1.50	429	<5	4		
tr py, veins along foln					430	not	used		
		35.92	37.42	1.50	431	<5	3	3x40-60 variable.	60-80 ↓
		37.42	38.92	1.50	432	<5	3		
								pk 4x23	
		38.92	40.42	1.50	433	<5	4		
		40.42	41.92	1.50	434	<5	4		
		41.92	43.42	1.50	435	<5	4		
		43.42	44.92	1.50	436	<5	5	pk 3x90	
		44.92	46.42	1.50	437	<5	2		

MADE IN VANCOUVER, CANADA

PAGE 6 OF 21	PROJECT: FAIRCHILD - HOOVER	HOLE NO. HV 94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.	MG
45			CA-MG gash									
	100		12° CA-MG-GA - lake py (+ pieces MG)	46.82 - fracture (fault?) - lam is drag into fracture - drag folds? - S folds common - gash veinlets also common - off of beds along host fracture						84		
	94		CA-GA-MG									
50												
	100		51° / 47°	52.25 - 74.76 alternating dark brown-black and grey green layers. Argillite siltstone? - fine lamination is well preserved. - magnetite only weak except in calcite veins - calcite alt. still present in garnet-fuous layers - garnet becoming quite concentrated - up to 10% locally. - magnetite porphyroblasts occur in the very light coloured phyllite bands - calcareous, garnetiferous layers commonly have undulatory contacts w/ surrounding beds - primary ?, or post deformational feature - alteration - calcite filled tension gashes, perpendicular to bed, and contained within calcareous layers are common.								
	100		25° - CA+Py									
55			33° CA									
	96									73		
			45°									
	99		53°									
60			12° competent layer; incompetent layer; CA Δx in hard layer									
	100											
			CA-CL-QZ									
65	100											
			63°									
	97											

 PROJECT: FAIRCHILD - HOOVER HOLE NO. HV-94-

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			MAG. SUSCEPT.	SCINT
		46.42	47.92	1.50	933438	<5	7				
										pk 4X30	
		47.92	49.42	1.50	439	<5	3				
		49.42	50.92	1.50	440	<5	11				
		50.92	52.42	1.50	441	<5	18				
tr cpy and py, as tiny dissem in/ fracs,		52.42	53.92	1.50	442	<5	19				
qtz-calcite veins, and along folia										3X 0-10	60-70 cps
also py w/ magnetite in calcite veinlets										no peaks	
		53.92	55.42	1.50	443	<5	54			↓	↓ no peaks
		55.42	56.92	1.50	444	<5	6				
		56.92	58.42	1.50	445	<5	8				
		58.42	59.92	1.50	446	<5	4				
		59.92	61.42	1.50	447	<5	2				
		61.42	62.92	1.50	448	<5	16				
		62.92	64.42	1.50	449	<5	38				
933450 - 1040 ppb Au, 86 ppm Cu					450	STANDARD					
		64.42	65.92	1.50	451	<5	25				
		65.92	67.42	1.50	452	<5	5				
		67.42	68.92	1.50	453	<5	16				

N2/E2

MADE IN VANCOUVER, CANADA

PROJECT: FAIRCHILD - HOOVER

HOLE NO. HV 94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	FRACTURE INTENSITY
	97		31, 41		73
70	93				50
	98		37 CA-SER-QTZ DI? bleached hanging wall envelope; also ⊥ fractures, some mineralogy; 34, 48	72.10 - 74.76 - rock becoming hard in certain layers - gradation to next interval	
75	99	CRACKLE BXN	71; CA-MG-CP-LP in vn; 38; CA-MS PY-CP; 23 CE-CP-MS; 33	74.76 - 101.22 - lt to med yellowish green altd section of phyllite - gradational contact - sericite altn - weak, also chlorite, biotite - foln / compositional layering is disrupted, rock is brecciated locally - weak calcite altn - obliteration of seds has occurred locally - usually tied ? w/ cal-chl-ser matrix - qtz-cal veins/fracs, fillings/bx matrix - intensity definitely increased over previous section	
80	100		53; 51, 16	- magnetite is weak overall - conc'd in lesser altd and/or more chloritic sections of core - at periphery of altn zone? - also commonly w/ cpy in veins/fracs * garnets eliminated in this zone - occur assoc'd w/ fracs and veins, not in host rock - alteration noted along both fracs (and veins) and foln	90
	97		71		
85	99		51		
			42; 37 CA-MG-CL-MS-CP	88.12 - 94.66 - moderate to strong calcite altn	
	101				
90				89.90 - 97.93 - strongly disrupted core - foln is dominantly subparallel to core	

ALTERATION: A | B | C | D (cal) | E (ms)

VEIN QTZ.

PAGE 9 OF 21 | PROJECT: FAIRCHILD – HOOVER | HOLE NO. HV-94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG. SUSCEPT.	SCINT
		68.92	70.42	1.50	933454	5	917		
		70.42	71.92	1.50	455	<5	21		
		71.92	73.42	1.50	456	15	1021		
72.10 - 74.76 - cpy gradually increasing, occurs in vein/fracs - to 8.5%		73.42	74.86	1.44	457	10	164		
trace to, locally, 1% cpy - as blebs masses in qtz-qtz veins - late - also trace py - malachite in fracs		74.86	76.36	1.50	458	15	484	3x0-20 generally 0, 40-60 over sporadic bands of moderate magnitude	60-85 cps
		76.36	77.86	1.50	459	10	697		
		77.86	79.36	1.50	460	95	1665		
		79.36	80.86	1.50	461	10	416		
		80.86	82.36	1.50	462	40	1225	* 3x95	
		82.36	83.86	1.50	463	50	1350		
		83.86	85.36	1.50	464	<5	334		
		85.36	86.86	1.50	465	<5	352		
		86.86	88.36	1.50	466	5	429		
		88.36	89.86	1.50	467	<5	189		
89.90 - 97.83 - trace sulphides only - not observed at all in section		89.86	91.36	1.50	468	<5	31		

MADE IN VANCOUVER, CANADA

PAGE 10 OF 21 | PROJECT: FAIRCHILD – HOOVER | HOLE NO. HV 94-3

DEPTH (m)	% CORE REC	GEOLOGICAL DESCRIPTION
90	101	axis – brecciation of sediments
		- calcite - chlorite veinlets/matrix - minor magnetite
		- red-brown garnets in calcite veins -
	100	
95	100	
		97.30 – 101.22
	100	- core becoming darkly coloured - due to increased biotite? - albitization still fairly strong - hard core - clots of magnetite scattered in calcite veins. fractures
100		- minor tourmaline in veinlets - possibly pervasive at bottom of section.
	98	101.22 – 104.50 - bleached grey zone - bx
		- bx clasts are biotite hornfels? - dark brown altered seds - albitized? - matrix dominated
		- strong calcite alt'n in matrix of bx
		- matrix is moderately hard - scratchable - whereas clasts are both hard and soft.
105	102	104.50 – 109.80 - alt'd seds - not strongly
		- considerable disruption of bedding, however. - increases downhole.
	99	- garnets present in calcareous layers. calcite commonly occurs in tension gashes in those layers - more widespread lower down
		- sericite/chlorite assoc'd w/ calcareous layers
	100	
110		109.80 – 121.25 - bx'd seds - w/ leucocratic calcite-rich matrix
		- local concentrations of biotite - seds biotite altered - dark brown - or tourmaline
	96	- also siliceous (albitized?) - lt grey.
		- clasts are severely contorted - soft sediment?
		- tiny garnets in clasts and matrix

Structure column notes: 75 – ca; 51; 17°; open frac.; 70; 46; 60 CA-CL; 51; 26; 20; 50

ALTERATION: A | B | C (Tö) | D | E (MS) — FRACTURE INTENSITY — % VEIN QTZ. — MG

Fracture intensity entries: 90; 94

 PROJECT: FAIRCHILD - HOOVER HOLE NO. HV 94-3

MINERALIZATION DESCRIPTION	FROM	TO	WIDTH	SAMPLE NUMBER	Au ppb	Cu Au	Co ppm		MAG SusCEPT	SCINT
	91.36	92.86	1.50	933469	<5	29				
	92.86	94.36	1.50	470	<5	33				
	94.36	95.86	1.50	471	<5	60				
	95.86	97.36	1.50	472	<5	32				
97.30 - 101.22 - tr - 1% cpy in fracs and veins - increases towards lower contact of zone	97.36	98.86	1.50	473	<5	89				
	98.86	99.94	1.08	474	65	1915				
933475 - 290ppb Au (278 actual)				475	STANDARD					
	99.94	101.22	1.28	476	40	1735			pk 3x80	
									pk 3x80	
- tr-1% py w/cpy - generally ~~as tiny~~ dissns in matrix, also zones of patches and stringers of sulphides	101.22	102.72	1.50	477	<5	104			3x0-5	70-90 cps
										pk 250
	102.72	104.25	1.53	478	<5	178				70-100
	104.25	105.53	1.28	479	<5	3890	1120			
104.50 - 105.34 - 2-3% py/cpy - concentrated at lower contact of zone above - in fracs lower down - erythrite on fracs - trace										60-80 cps
	105.53	107.29	1.76	480	<5	114	1220			
	107.29	108.80	1.51	481	<5	119	1830			
	108.80	110.30	1.50	482	<5	158	1680			
tr-1% - diss'd sulphides in matrix of bx, include po, py, cpy in order of abundance	110.30	111.80	1.50	483	<5	97	935			
	111.80	113.30	1.50	484	<5	122	554			

N2/E2

MADE IN VANCOUVER, CANAD

 PROJECT: FAIRCHILD - HOOVER HOLE NO. HV 94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C (TO)	D	E (MS)	FRACTURE INTENSITY	% VEIN QTZ (3%)
	96										
			55								
115	105										
				116.77 - 121.25 - strongly bx'd seds - dk brown clasts - biotite?						99	
	95			- matrix becoming lighter green downhole							
				118.25 - small calcite vein w/ spy, po							
				119.18 - 121.25 - lt green colouration prevalent in matrix - sericite? - still calcite-rich, matrix supported bx							
120	97										
		CRACKLE BX-N		121.25 - 189.72 - bx'd seds - strong calcite rich matrix gone - section is more crackle bx'd, or strongly fract'd - frame supported							
	99			- dark brown alt'n of seds mostly gone - biotite							
				- lt to med green, yellowish green							
				- sericite along foln, strong in fractures							
				- strong chlorite in fractures							
125				- stockwork style calcite - minor quartz veining - w/ specularite, or magnetite							
	100			- tension gash veinlets common - generally perpendicular to core axis							
				- foln is highly variable							
				- sediment is very hard +/- silicified?							
			55 CA-MS-CP	- no garnets present						90	
			CA-MS-CP	123.26 - black colouration in bands in seds, assoc'd w/ veins - tourmaline? - continues downhole							
	100										
130			55 QZ-CA-MS								
	100			131.59 - 131.85 - RKG sample - display							
				131.60 - 133.85 - relatively strong tourmaline - [illegible] bands - preferential replacement along [illegible] - and concentrated around mx cp-py veins.							
			30 - VN/BX-MX CP-PY-CA BI ALT'N								
	97	CRACKLE BX									
135											

 PROJECT: FAIRCHILD - HOOVER HOLE NO. HV 94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Au SCREEN METALL. g/T	ASSAYS Cu %	MAG SUSCEPT. / Co ppm	SCINT
		113.30	114.80	1.50	933485	<5	82			378	
		114.80	116.30	1.50	486	<5	114			331	
		116.30	117.80	1.50	487	<5	467			240	
		117.80	119.18	1.38	488	<5	569				
		119.18	120.47	1.29	489	<5	689				
		120.47	121.76	1.29	490	<5	498				
121.25-189.72											
1-3% cpy, locally 5% - generally occurs											
in stockwork veins, bx matrix or		121.76	123.26	1.50	491	135	4620			3K0-5	70-90
fracs in the sediments - w/calcite, chl			—							↓	↓
-sericite, specularite, maghemite.											no peaks
tr - py as diss'd blebs - also blebs		123.26	124.76	1.50	492	525	>10K		1.38	no peaks	
in mx cpy - coarsely crystalline,		124.46 -	124.86	RKG							
replacement?											
- cpy only shows minor replacement		124.76	126.26	1.50	493	150	4020				
in bx'd seds.											
		126.26	127.76	1.50	494	305	7040				
		127.76	129.26	1.50	495	100	3270				
		129.26	130.45	1.19	496	90	3150				
		130.45	131.42	0.97	497	75	2220				
		131.42	132.42	1.00	498	4310	>10K	7.84 5.21	4.40		
131.74-132.12 - about 30-35% massive											
cpy in bx'd (late) section - calcite -		132.42	133.90	1.48	499	120	4010				
quartz matrix -											
- strong biotite alteration assoc'd			STANDARD		500	450	144			Act. 445 ppb	
w/ strong mineralization		133.90	135.40	1.50	501	30	1840				
132.12-141.00 - tr-1% cpy, minor py - as in											
121.25 - 189.72											

N2/E2

MADE IN VANCOUVER, CANADA

PAGE 14 OF 21	PROJECT: FAIRCHILD - HOOVER	HOLE NO. HV 94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Ab)	B	C (To)	D	E	FRACTURE INTENSITY	% VEIN QTZ.
135	97	CRACKLE BX	CA-MS 70°	135.15 - 135.89 - broken core -						90	
	99									86	
140	82			139.60 - 144.23 - moderate to intense To altn - of specimen sands in crackle bx matrix							
			Δ	141.00 - 141.60 - broken core - biotite altn, veggy qtz-cal veining							
	100		S₁								
145	92										
	87		brecciated zone 60°	146.71 - 148.00 - broken core - locally rubble - Tourmaline altered veggy qtz veining - pinking of feldspar in vein - K-spar?							
150	99		CA-MS-CP								
			S₁								
	78	CRACKLE		152.70 - 155.30 - strongly bxd seds - calcite matrix - minor reddish colouration - sericite altn - tourmaline ~~biotite~~ altn of argillaceous layers more obvious - (black) - replaces chlorite? - veggy cal-qtz veinlets						73	
155	100									90	
			S₁	157.00 - 159.69 - rel. homogeneous section, foln dominantly follows core axis							

PAGE 15 OF 21 | PROJECT: FAIRCHILD - HOOVER | HOLE NO. HV 94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	ASSAYS Cu			MAG SUSCEPT	SILNT
		135.40	136.90	1.50	933502	30	2050			3x0-5	70-90
		136.90	138.45	1.55	503	60	1950				
		138.45	139.90	1.45	504	35	1160				
		139.90	141.43	1.53	505	110	1895				
141.00-141.43 - blebby cp in matrix ground 1-2%		141.43	143.00	1.57	506	310	6860				
141.43 - 143.68 - 2-3% cp in fracs, tension gashes and along / calcareous layers.		143.00	144.50	1.50	507	40	985				
143.68 - 146.71 trl/cp and py - in fracs.		144.58	146.11	1.61	508	115	3010				
		146.11	147.90	1.79	509	30	907				
146.71 - 148.00 - sulphides to trace nil		147.90	149.40	1.50	510	75	981				
		149.40	150.90	1.50	511	170	2610				
		150.90	152.70	1.80	512	45	1650				
- 3.5% cpy in matrix of cradle breccia		152.70	154.00	1.30	513	20	784				
		154.00	155.30	1.30	514	100	6010				
		155.30	156.80	1.50	515	35	1405				
		156.80	158.30	1.50	516	165	4300				

MADE IN VANCOUVER, CANADA

PROJECT: FAIRCHILD – HOOVER

HOLE NO. HV 94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C (Tø)	D	E	FRACTURE INTENSITY	% VEIN QTZ.
			30 CA CM'S	· minor bx'n – calcite · cpy in matrix							
	99										
160				159.69 – 59.80 · massive vein (2cm) of cpy – py.							
				160.25 – 163.57 · extremely bx'd section. quartz-calcite matrix? calcite later apparently							
				– strong tourmaline in fractures – also halo? to							
	100		2cm QZ vn – bxd – CA matrix	bx matrix (in clasts)							
				– pinking of feldspar in matrix – K spar?							
			50 late CA-MS unit 132 selvages								
										90	
		CRACKLE		163.57 – 69.00 tourmalinization of layers / vein surfaces locally intense, contacts –							
165	99			generally weak to moderate							
			55 CA-MS								
	99										
				169.00 – 183.80 strong tourmaline altn – mostly							
170				along layers? assoc'd w/ cpy mineral'n							
	91										
				171.38 – 173.23 · sheared, broken section							
			70 Mx cp-py – bx'd zone – frac control?	– brittle fracture							
				172.30 – 176.68 · crackle bx'n evident in							
				bleaching pattern in host seds – see						50	
	85			pictures @ ~ 174.50 m							
			40 CA								
175	108										
			45 CP-CA vn – splits								
				176.68 – 186.06 – darkly coloured core –						80	
	96			biotite altn? · bx'n quite strong							
				w/ weak carbonate (calcite) and quartz in							
				matrix							
				– weak pinking of feldspar							
				– albitization of non biotite rich layers							
180	100										

PAGE 17 OF 21 | PROJECT: FAIRCHILD - HOOVER | HOLE NO. HV 94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Au SCREEN METALL. g/T	ASSAYS Cu %	MAG SUSCEPT.	SCINT
										3x0-5	70-9?
		158.30	159.57	1.27	933517	55	2460			↓	↓
		159.57	160.57	1.00	518	430	>10K		1.25		
1-2% py in late fracs, ~~[illegible]~~ lense-style too (around blasts)		160.57	161.57	1.00	519	70	4280				
		STANDARD			520	1070	95	STANDARD		1001	
		161.57	162.57	1.00	521	850	864				
933520 is a standard 1070 Au, 95 Cu		162.57	163.57	1.00	522	10	500				
		163.57	165.07	1.50	523	45	1575				
		165.07	166.57	1.50	524	20	856				
		166.57	168.07	1.50	525	50	2650				
		168.07	169.57	1.50	526	35	1220				
		169.57	171.32	1.75	527	15	611				
		171.32	172.32	1.00	528	>10K	>10K	6.63 5.59	3.69	4.63g/t	
171.60-172.30 - mx cpy-py lenses in bx'd seds - shear zone? - to - 20% total sulphides		172.32	173.82	1.50	529	80	1350				
		173.82	175.32	1.50	530	30	861				
		175.32	176.82	1.50	531	40	943				
		176.82	178.32	1.50	532	30	650				
		178.32	179.87	1.55	533	105	2940				
		179.87	181.25	1.38	534	205	3970				

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PROJECT: FAIRCHILD – HOOVER

HOLE NO. HV 94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C (Tø)	D	E	FRACTURE INTENSITY	% VEIN QTZ.
	100		72 CA-CP [illegible]	181.35 - 185.81 - crackle bx'd section · calcite chalcopyrite veinlets / gashes - hairline fractures - forms rectilinear pattern of intersecting veins - calcite in biotite rich layers as well. - calcite veins offset in some biotite rich layers - slips? - not all							
			60 - slip along frac.							87	
	96										3%
185											
	100		21°	186.06 - 189.72 - sericitic alteration - w/ carbonate altn also - lighter coloured core							
			quartz-CB vein zone	187.93 - 188.14 - quartz-carbonate zone - striped appearance due to ~~common~~ tourmaline altered hostrock? - sericite common						77	
	98										
190				189.89 - 190.14 - several seams of sulphide mineraliz'n - broken ground							
	90		51 45	189.72 - 210.62 - relatively unaltered Fchs - still segregated carbonate and biotite rich layers - - calcite altn present although segregated into layers - not in phyllitic material - biotite still lining calcite veinlets. - sericite on fractures locally - fol'n regular again							
	99		45 CA-CP							85	
195	99		70 - CA-vn at boundary of bx	191.15 - 195.82 - crackle bx'd seds - weak pervasive sericite alteration - tourmaline altn moderate to strong to 197.93							
			40°								
	99		45	198.75 - 210.62 garnets present from here, again in calcareous sections							
200			36°							84	
	98		20 CA-CP - contains bx'd qtz fragments - CL								

PAGE 19 OF 21 | PROJECT: FAIRCHILD - HOOVER | HOLE NO. HV 94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	FROM	TO	WIDTH	SAMPLE NUMBER	Au ppb	Cu ppm		Cu %	MAG SUSCEPT	SCINT
										3x0-5	70-90
181.35 - 185.87 - 1-2% cp overall - locally concentrated to 3-5%.		181.25	182.75	1.50	933535	320	7550			↓	
		182.75	184.25	1.50	536	40	1085				
		184.25	185.75	1.50	537	50	1410				
185.87 - 189.72 - tr-1% cpy in fracs, dissem		185.75	187.25	1.50	538	115	5030				
		187.25	188.75	1.50	539	15	441				
189.72 - 195.82 - 1-2% cpy-py - usually in veins or blebs, also solid seams to 2cm		188.75	189.75	1.00	540	130	1795				
- 5% cpy as mx seams, also in fractures - tr% molybdenite in fracs, veins.		189.75	190.75	1.00	541	370	>10K		1.15		
- 1% py as well - magnetite appears as blebs in veins		190.75	192.25	1.50	542	140	3510				
		192.25	193.75	1.50	543	225	6380				
		193.75	195.25	1.50	544	105	2440			3x60	
933545 - 50ppb Au, 39 ppm Cu					545	STANDARD					
195.82 - 210.?? py now dominant sulphide (up to 5% locally) 1-2% as dissem seams along foln, - tr cpy in fracs		195.25	196.75	1.50	546	45	1835				
- also tr po - as blebs in cx-ep veins, also along foln		196.75	198.25	1.50	547	5	640				
		198.25	199.75	1.50	548	<5	91				
		199.75	201.25	1.50	549	<5	51				
		201.25	202.73	1.48	550	<5	101				

N2/E2

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PAGE 20 OF 21 | PROJECT: HOOVER FAIRCHILD | HOLE NO. HV 94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION A	B	C (To)	D	E	FRACTURE INTENSITY	% VEIN QTZ.
	98		50° TY LAYER; S1 45°									
	100		S1 50°		204.68 - 2?.62 - ?xd seds - calcite matrix - garnets							
205					205.25 - ?07.25 - ?x - calcite matrix laminated							
					- ~2% red brown garnets						84	
			55 CA-MS; S1 50°									
	98		S1 45°									
210	100		70° CA-CP; S1 42°									
				210.62	END OF HOLE							
215												
220												
225												

PAGE 21 OF 21 | PROJECT: FAIRCHILD - HOOVER | HOLE NO. HV 94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			MAG SUSCEPT.	SCINT
		202.73	204.25	1.52	933551	<5	189			3X0-5	70-90
		204.25	205.25	1.00	552	<5	31				
3-5% fine grained py. + po in matrix of Qtz		205.25	206.25	1.00	553	<5	51				
		206.25	207.25	1.00	554	<5	256				
		207.25	208.75	1.50	555	<5	159				
		208.75	210.62	1.87	933556	<5	68				

N2/E2

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PAMICON DEVELOPMENTS LIMITED

DRILL LOG

RECEIVED 1994 OCT 28 MINING RECORDER MAYO, Y.T. 14 & N.D.

PROJECT FAIRCHILD

HOLE NO. HV94-5

LOCATION Hoover Grid
6927 N
4965 E
CLAIM # YB28692

LOGGED BY M. Jones
K. Hofmann

DATE aug 12th/94

CONTRACTOR Falcon Drilling

CORE SIZE NTW

DATE STARTED aug 11th/94

DATE COMPLETED aug 18th/94

DIP TESTS - measured at collar - -44° - heavy water return prevented test below 105m
85.95m - -46m (in rods)
105.16m - -45m
- SPERRY MALFUNCTIONING - NO AZIMUTH.

GROUND ELEV.

BEARING

DIP -45

TOTAL LENGTH 321.86m (1056ft)

HORIZONTAL PROJECT 227.0m

VERTICAL PROJECT 228.5m

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

Sample # 001501 to 001720

Standard #	Sample #
MS3-6	001525
MS3-6	001500
MS3-6	001565
Blank	
MS3-6	001600
G02-21	001625
G02-21	001675
Dolomite	001700

first shipment 001501 – 001564 & 001538 not used

- page 15 was the first page I started filling in Qz in the alteration scale, so it did not suddenly appear.

- NOTE - CORE STORED AT CAMP AT COPPER POINT AIRSTRIP, SLAB 153 MINERAL CLAIM (NTS 106 D/16)

LEGEND Ht - Hornfels
F - feldspar (albite and/or k-spar)
C - Carbonate t - tourmaline
S - Sericit q - quartz
Cl - chlorit b - biotite
eg: fcsH - refers to alteration in compositional layering of rock'.

- the alteration graphic log records alteration as well in bx matrix and veins

PAGE 1 OF 30 | PROJECT: Fairchild Hoover Grid | HOLE NO. HV94-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Fd	B Cb	C Ms	D To	E Bi	FRACTURE INTENSITY	% VEIN QTZ.
0				0-3.05 m Casing							
2.5											
	S2			3.05-22.50 Feldspar Hornfels						0	
	76			- strongly altered / fractured from collar.							
5.0	86			3.05-4.27 - rubbly core highly fractured						55	
				3.05 - buff to brown to grey colour							
				- limonite, orange coloured layers - surface weathering							
				- veining / vein-bx zones - range from micro fractures to 10 cm width						64	
7.5	87			- bleaching of host rock along micro-fractures and some veins - not all.							
				- overall, parallel bxd zones w/ zones of intense bxn (some rotation)							
				- Strong S, foliation, generally continuously well-parallel to core axis							
10.0	93			- veins / fracs generally occur at higher angles to core axis - commonly follow crackle pattern, offset, irregular.						74	
				- foliation commonly offset across fracs / veins							
12.5				- moderate feldspar alteration							
	87			- weak tourmaline - qtz layers - replacing biotite? in argillite						60	
				- vein types - predominantly calcite - in most veins / fracs w/ qtz							
15.0				- bxd QZ-FD veins, calcite filled							
	86			- CA-MS ± SL - veins generally narrow						81	
				- FD occurs as vein selvages commonly							
17.5				- Bx occurs as lots predominantly in chloritic, spotty distribution							
				4.70-6.87 - vein/bx zone - dominantly CA matrix - quartz-bxd, and as vuggy infill - FD surrounds clasts							
				- rotation of fragments common							
	99			9.71-12.05 - gradational contacts - vein/bx zone						78	
20.0				13.82-18.89 - vein/bx zone - calcite matrix							
				20.42-20.77 - vein bx zone - calcite matrix - as above.							
22.5											

2.51 m

2.07

PAGE 2 OF 30 | PROJECT: FAIRCHILD - [illegible] | HOLE NO. HU94-5

Depth	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	FROM	TO	WIDTH (m)	SAMPLE NUMBER	Au ppb	Cu ppm	Cu %		MAG SUSCEPT SI x10^-5	SCIN Backgr 50-70 c/s
0												
2.5												
3.0	3.05-3.82 - tr-1% CP - as blebs in		3.05	4.55	1.5	001501	40	1570				
	calcite veins - or in fracs										2x25	90-10
	- follows foliation - preferred layers?											
	as diss'ns		4.55	5.71	1.16	001502	25	1525				
5.0	- minor finely diss'd CP										2x10	80-90
	- tr py generally w/ cp. also diss'ns.		5.71	6.87	1.16	001503	15	613				
	- minor malachite · occurs in fracs near											
	surface in particular.		6.87	8.37	1.5	001504	15	1205			2x10	90-10
7.5												
			8.37	9.87	1.5	001505	<5	293			2x20	80
			9.87	11.08	1.21	001506	215	2610			2x26	80-9
10.0												
			11.08	12.30	1.22	001507	15	842			2x45	90-10
			12.30	13.82	1.52	001508	10	546				
12.5											2x10	70-80
	13.82-18.89 - 1-2%, locally 5%, as blebs.		13.82	15.32	1.5	001509	335	>10K	1.58			
	in fracs. also 'mx' veins to 2 cm										2x10	70-80
	wide.											
15.0	- MG blebs assoc'd w/ CP		15.32	16.82	1.5	001510	115	3950				
											2x18	80-9
			16.82	18.75	1.93	001511	35	2660				
17.5											2x10	70-8
19	18.89-25.73 tr - ½% CP occurring as		18.75	20.25	1.5	001512	15	811			2x10	80-90
	diss and blebs along foliation.											
20.0			20.25	21.75	1.5	001513	35	1170			2x12	70-80
			21.75	23.25	1.5	001514	25	1445			2x10	80
22.5												

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PAGE 3 OF 30 | PROJECT: FAIRCHILD - HOOVER | HOLE NO. HU94-5

Run to depth (m)	Run length	% Core Rec	RQD
24.08	3.05	91	8[illegible]
26.82	2.74	99	89
29.87	3.05	99	93
31.70	1.83	99	97
33.22	1.52	89	68
36.27	3.05	83	87
39.32	3.05	98	87
41.76	2.44	100	72
44.81	3.04 m	96	90
			72

Alteration columns: A Fd, ?B CB, C MS, D To, E Bi

Structure notes: 47 QZ (pink); CA 18; 46; 15 CA-GASH; 50; 75 Breccia / vn-CA-QZ; 88 CA-QZ

GEOLOGICAL DESCRIPTION

22.50 - 93.77 Feldspar-sericite-carbonate hornfels

[illegible] calcite in layers w/ sericite - [illegible] [illegible] along layers strong. Increase in calcite in layers results in higher colour contrast. Ca ↑ could originate from more calcareous beds [illegible] ↑ CB alteration.

26.82 - 27.36 m vein/bx zone
Calcite matrix / as above

29.7 - 31.55 m vein/bx zone
calcite matrix, as above.

36.52 - 38.81 m vein/bx

42.18 - 42.45 m vein/bx

43.37 - Interval of continuous bx/vein marked by a colour change to darker indicating increased tourmaline, and by a

PAGE 4 OF 30 | PROJECT: [illegible] | HOLE NO. H/94-

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Cu %		MAG suscept $SI\times10^{-5}$ Zeroed	SCIN [illegible]
		23.25	24.75	1.50	001515	20	449				
										2x15	70
		24.75	26.15	1.40	516	65	2270				
										2x2	90
26.73-27.30 overall 3% CP, 1% Py as masses in veins + Ca-Qz bx matrix includes 5cm wide band of mx CP + Py		26.15	27.75	1.60	517	390	>10K	2.05			
										2x2	90
27.30-36.52 tr - 1% CP [illegible] Py as blebs and primarily in veins bx matrix and tension gashes.		27.75	29.25	1.50	518	90	823			2x5	90
										2x4	90
→ 30.75-31.0 - 2% CP and Py as fine diss. + blebs in fine bx'n		29.25	30.75	1.50	519	60	584				
		30.75	32.25	1.50	520	65	612			2x3	100
		32.25	33.75	1.50	521	25	140			2x2	90
		33.75	35.25	1.50	522	60	1650				
										2x2	80
		35.25	36.52	1.27	523	55	1515			2x10	80
36.52 - 38.81 1% CP as blebs and masses in veins and bx matrix.		36.52	38.0	1.48	524	20	686				
					525 - Standard MS3					2x27	80
		38.0	39.56	1.56	526	90	1135				
										2x20	90
38.81 - 43.37 tr - 0.5 CP		39.56	41.06	1.50	527	65	129				
		41.06	42.18	1.12	528	105	765				
										2x2	90
										2x3	90
		42.18	43.37	1.19	529	35	747				
		43.37	44.81	1.44	530	70	2590				
		44.81	46.31	1.50	531	95	2100			2x3	90
43.37 - 93.71 ½-1% CP, tr Py as disseminations, blebs and in masses in veins, bx matrix, and foliation, and on fractures.										2x15	90

N2/E2

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 PROJECT: Fairchild - Hoover HOLE NO. HU94-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Fd	?B CB	C MS	D To	E Bi	RQD FRACTURE INTENSITY	% VEIN QTZ.
3.05	99	fsch	55	43.37 [illegible] general ↑ in mineralization. To occurs as massive patches, as continuous compositional layers, and [illegible] clasts. Occasional [illegible] cut [illegible]. [illegible] in layers w/ sericite centre [illegible] Seric. alt → K-spar or [illegible] in comp. layers. K-spar dominant on the edges, sericite in center. To [illegible] spot Cp seems to be assoc. w/ K-spar alt.						72	
48.0 / 1.99	90		32							87	
49.99 / 1.52	100		20							92	
51.51 / 3.05	97			51.04-51.49 - microbx/shear zone? limonitic w/ malachite, rotting of wall rock. @ 45.60m irregular, 1cm to 5cm wide, green sericite + qtz? + Ca vein, rimmed w/ To.						90	
54.56 / 3.05	96		40, 10 Ca	56.40-56.57 - fault/shear zone limonite and malachite, [illegible] spec. [illegible] present.						92	
57.61 / 3.05	97		40							96	
60.66 / 3.04	98		60-70 Ca tension gashes; 65 Ca							86	
63.70	92			64.20-64.74 - limonitic fracture zone micro brecciated in places, w/ moderate malachite alteration throughout. 65.58-66.18 - as above						61	
67.5	97			[illegible]						87	

Depth scale: 50.0, 51, 52, 53, 54, 55.0, 56, 57, 58, 59, 60.0, 61, 62, 63, 64, 65, 66, 67, 67.5

 PROJECT: Fairchild - Hoover HOLE NO. HV94-

MINERALIZATION DESCRIPTION

48.34 - 52.27 3% CP and 0.5% Py. Py occurs as large blebs in CP masses. CP may be replacing Py or vice versa or poss. Co-genetic. Note: CPy seam along frac. within Py, also Py blebs growing in CP.
51.04 - 51.49 - micro bx / shear zone? 5-10% diss Py and 3-5% diss CP

64.20 - 64.74 1-2% CP and tr Py finely diss. + blebs in fractures with spec hem on fracs / veins.

65.58 - 66.18 - 2-3% Py, tr → 0.5% Py as above. Tr fine dissem of silvery mineral - spec hem? arseno? Cobaltite?

Depth	FROM	TO	WIDTH	SAMPLE NUMBER	Au ppb	Cu ppm	Cu %	Co ppm	MAG SUSCEPT SI x10^-5 (2x=10x)	SCIN
45.0	46.31	47.81	1.50	532	90	1675				
									2x7	80
	47.81	49.52	1.71	533	180	>10K	0.99			
									2x4	80
	49.52	51.0	1.48	534	205	9940			2x2	80
50.0									2x2	80
	51.0	52.27	1.27	535	220	>10K	0.93			
	52.27	53.77	1.50	536	100	1895			2x2	80
	53.77	55.27	1.50	537	75	597				
									2x2	80
	not	used		538						
55.0	55.27	56.77	1.50	539	145	2710			2x3	80
	56.77	58.27	1.50	540	20	983				
									2x3	80
	58.27	59.77	1.50	541	15	950			2x15	80
	59.77	61.27	1.50	542	260	5590				
									2x15	80
60.0	61.27	62.66	1.39	543	65	2080			2x5	80
	62.66	64.22	1.56	544	110	2570				
									2x2	80
	64.22	66.14	1.92	545	255	>10K	1.00		2x1	90
									2x2	90
	66.14	67.93	1.79	546	115	9050				
									2x5	90
65	67.93	69.43	1.50	547	55	2280				

N2/E2

MADE IN VANCOUVER, CANADA

PROJECT: Fairchild-Hoover

HOLE NO. [illegible]

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Fol	B CB	C MS	D To	E Bi	FRACTURE INTENSITY (RQD)	% VEIN
67.5 – 70.0	97	FSCH	13	67.24 - 67.70 - intensely bx'd, min'd and altered zone.						87	
70.0 – 72.5	95		40; 50							83	
72.5 – 75.5	94		30 Ca; 55	73.20 - 73.30 Vuggy calcite clear to pinkish white xtals up to 1½ cm long.						91	
75.5 – 79.0	90		50							72	
79.0 – 82.0	101									84	
82.0 – 85.0	90		60							71	
85.0 – 88.09	90		50	86.0 - 86.65 m - mineralized, limonitic, rubbly fault zone w malachite 87.25 - 87.75 m - as above.						38	
88.09 – 90.0			60; 70 extension gashes							78	

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PAGE 8 OF 30 | PROJECT: Fairmont - Hoover | HOLE NO. HV94-5

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			Mag Suscept SI X10-5	SCIN Bkgnd 40-45
67.24-67.70 - 3-3½% CP and 0.5% Py mainly as blebs in Lx frac's.											
		69.43	70.93	1.50	001548	60	3520				
69.50-71.0 - 1-1½% CP and trace Py in veins, diss, blebs, fracs.		70.93	72.43	1.50	549	20	898			2x5	90
		Standard			550	MS3-6					
										2x1	90
		72.43	73.93	1.50	551	55	1895				
		73.93	75.43	1.50	552	45	1755			2x5	85
										2x2	70
		75.43	76.94	1.51	553	60	2210				
										2x10	75
		76.94	78.44	1.50	554	45	2130				
										2x[illegible]	75
		78.44	79.94	1.50	555	25	967				
		79.94	80.46	0.52	556	35	1375			1x5	80
		80.46	81.99	1.53	557	120	4830				
										1x33	80
		81.99	83.49	1.50	558	115	4160				
										1x18	70
		83.49	85.04	1.55	559	40	2210				
										1x32	70
		85.04	86.65	1.61	560	105	9030			3x7	80
85.10-87.75m 2-3% CP and ½ Py in blebs in veins and fractures and disseminated preferentially in the CB/MS-rich layers.		86.65	88.15	1.50	561	45	1330			3x2	70
		88.15	89.65	1.50	562	25	1370			3x2	70
		89.65	91.14	1.49	563	20	2830			3x2	70

MADE IN VANCOUVER, CANADA

PAGE 9 OF 30 | PROJECT: Fairchild - Hoover | HOLE NO. A194-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Fd	B Ser	C MS	D To	E Bi	FRACTURE INTENSITY	% VEIN QTZ.	Magnetic
90.0												
91	94	fsch	62 -ca 60	90.0 - 90.15 - limonitic rubble zone w malachite.								
91.14												
92												
93	96			93.71 - 97.70 → quartz-biotite-feldspar Hornfels - gradation contact w fsch at top and bottom.								
94		sch	40	- generally crackle bx'd w 5-20cm ca-filled zones w rotated clasts. - Poor in mineralization w Cp mostly in very fine disseminations preferentially in Ca-rich layers, also in veins and fractures as blebs. - magnetite occurs mainly in Ca-rich layers and in Ca-vein matrix								
94.18												
95.0												
96	97		45									
97												
97.23												
98		fsch		97.70 - 131.62 - Bi clots spotty in Ca-matrix and poss. in Ca-rich layers - altering to Ser, Cl? - light to dark grey in overall colour								
99	96		60 40									
100.0												
100.29				→ feldspar-sericite-carbonate Hornfels - brecciated, altered, mineralized - see previous fsch description - Bi clots in calcite vein and bx matrix - Bi not completely altered to To? in some places, usually in Ser/Ca veins.								
101												
102	92		Ca									
103												
103.33												
104				97.30 - 104.25 intense f-spar alteration with thin layers of Bi? To? and Ca - crackle bx'd w Ca filling tension gashes and hairline fracs. Some K-spar plating of veins. 103.60 - 103.75 Qz-Ca-K-spar vein/bx zone w green sericite on edges.								
104.5												
105.0	92		35 Ca, mx CP, PY									
106			30 Qz-Ca rubble									
106.38												
107												
108	97			104.25 - 131.62 bx'd and crackle bx'd w frequent areas of intense To alteration. Pink K-spar locally intense in veins and f-spar alteration also locally intense. - occasional patches of mx CP+PY - intensity of mineralization corresponds to intensity of bx'n								
109												
109.42												
110.0			50									
111	95											
112												
112.47												

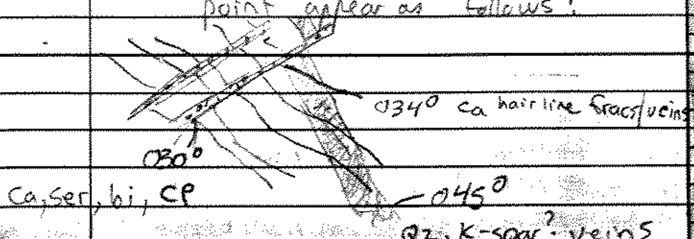
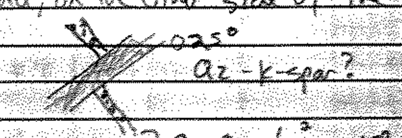
PAGE 10 OF 30 | PROJECT: Fairchild-Hoover | HOLE NO. HV94-5

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	mag suscept SI x10-5	SCIN Bknd 60-8
								3X2	80-9
		91.14	92.65	1.51	S64	65	3160		
		Dolomite blank			S65	<5	38		
		92.65	93.71	1.06	S66	20	652		
		93.71	95.21	1.50	S67	<5	149	3X2.5	
								3X2	
93.71 – 97.70 ¼-½ %, cp and tr Py tr-¼% Magnetite diss. preferentially in Ca-rich layers and veins,								avg. 3x40 w/ blocks of	
		95.21	96.45	1.24	S68	40	1440		
– magnetite occurs as massive blebs as well, up to 1/3 cm in diameter		96.45	97.70	1.25	S69	55	1255		
		97.70	99.20	1.50	S70	60	2550	4x20	+120 80-9
97.70 – 131.62 ½-1% cp, tr Py as disseminations and blebs in Ca-veins, fracture and foliations								3x2	
		99.20	100.70	1.50	S71	30	1415		
		100.70	102.20	1.50	S72	20	1460		
		102.20	103.60	1.40	S73	15	1780		
		103.60	105.10	1.50	S74	65	3300		
104.47m 1cm wide vein of mx Py and cp									
		105.10	106.75	1.65	S75	210	3090		
		106.75	107.85	1.10	S76	40	1650		
		107.85	109.47	1.63	S77	495	4830		
107.85 – 108.71m – 2-3% Py > cp as diss. blebs in intense bx'n									
		109.47	110.97	1.50	S78	15	1655		
		110.97	112.47	1.50	S79	95	4180		
		112.47	113.97	1.50	S80	55	1850		

MADE IN VANCOUVER, CANADA

tca = to core axis

PAGE 11 OF 30	PROJECT: Fairchild - Hoover	HOLE NO. HV94-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Fd	B CB	C MS	D TO	E Bi	FRACTURE INTENSITY (RQD)	% VEIN QTZ.
112.5 – 115.52	99	Fsch		106.15 - 106.35 limonitic, rubbly zone Qtz - ca vein at top at 30° to core - axis.							
				107.10 - 107.95 intense f-spar alteration zone - vuggy Ca + MX CP vein at top of zone.							
115.52 – 118.58	96		51=50? 38° 75° Ca matrix + QZ	110.0m - Solid coating of malachite on fracture surface at 050° tca						77	
				112.10 - fracture at 024° tca w slickensides							
118.58 – 119.79	86			114.56 Structural relations at this point appear as follows:							
119.79 – 121.61	94										
121.61 – 124.66	98			and, on the other side of the core: 							
124.66 – 127.73	86			126.60 - 127.35 MX Sx vein following frac. subparallel tca (3°-8°), followed by ~17cm of bx w strong pink K-spar alt'n of clasts.						56	
127.73 – 130.76	103			128.06 - 131.62 - intense pinking (k-spar alt'n) of bx'd and unbx'd Qz - Ca veins.							
				129.63 - 129.91 - limonitic rubble zone							
130.76 – 133.81	90	FH	35 Ca, Qz, K-spar	131.50 - 131.62 Ca - Qz - Kspar vein at 035° tca marks boundary between Fsch and FH.						54	
				131.62 - 186.70 Feldspar Hornfels - unbx'd to crackle bx'd with Ca - Qz ± Ser - Kspar - TO veins/bx							
133.81 – 135.0			28°-35° 51=50	zones generally at a high angle to core axis and occasionally // to foliation/							

 PROJECT: Fairchild - Hoover HOLE NO. H94-5

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Cu %	MAG SUSCEPT SIx10⁻⁵	SCIN Bkgnd 60-80
		113.97	115.52	1.55	S81	95	1925		3 x 2	80
		115.52	117.02	1.50	S82	135	3960			
		117.02	118.57	1.55	S83	35	1295			
		118.57	120.30	1.73	S84	105	3270			
		120.30	122.0	1.70	S85	80	2930			
		122.0	123.0	1.00	S86	90	6780			
122.45 - 122.95. 3-5% cpSpy as diss. blebs in bx. 123.0 native Cu as drusy reddish brown crust on frac. surface. (see photo) 123.45 native Cu on frac. surface, as above.		123.0	124.66	1.66	S87	45	2160			
		124.66	126.38	1.72	S88	145	6870			
126.60 - 127.78 - mx cp+py vein running subparallel to core axis (~ about 10-15% Sx PY > CP (See photo)		126.38	127.38	1.00	S89	1120	>10K	2.71		
		127.38	129.30	1.92	S90	120	5310			
		129.30	131.62	2.32	S91	130	640			
129.91 - 130.23 3% cp+py as diss blebs in Bx										
131.62 - 131.70 tr to 1/4% cp and py as blebs in Ca-Qz and Ca-Scc veins and bx zones. 133.32 minor spec hem 133.81		131.62	133.12	1.50	S92	55	1650			
		133.12	134.62	1.50	S93	25	990			
		134.62	136.38	1.76	S94	15	731			

MADE IN VANCOUVER, CANADA

PAGE 13 OF 30	PROJECT: Fairchild - Hoover	HOLE NO. HV94-5

DEPTH (m)	Interval	% CORE REC	LITHOLOGY	STRUCTURE	Structure notes	GEOLOGICAL DESCRIPTION	ALTERATION: A Fd	B CB	C MS	D TØ	E Bi	FRACTURE INTENSITY / RQD	% VEIN QTZ	
135.0			fH			compositional layering/bedding?								
		95			Z folds of $S_1 = S_0$ 200									
136				60		- mineralization is Py + CP as								3.5 / 6.2
137	136.86				Uuggy Qz-Ca vein late stage w euhedral CP, PY, Bornite?	blebs in veins + fracs						57		
				25		135.88 - 136.25 TØ, Qz, Ser, Ca,								
138		95				K-spar bx/vein Zone -								
			45			sharp contact at top at 050° tca								
139						138.15 Ca-Qz-Kspar veins w ser-bi selvages.								
				35		139.50 - 140.26 3-4 cm wide Qz-Ca								
140.0	139.9				Qz-Ca	vein at start of zone of bx'n w								140.0
					55° end of bx	matrix of peppery Ca, ser, bi?								1.29 / 2.
141						and clasts of fH.						44		
		95				- unclear if zone xcuts or ‖'s foliation								
142						142.95 - 148.30 zone of higher								
143	142.95				55° $S_1 = S_0$	CB, MS alteration in layering and								142.0
						in veins/bx matrix								
144						143.0 foliation has steepened								
145.0		97				to 50-60° to C.A. from								
						about 30° continues at								
146	146.0					50-60°						63		3.5 / 5.6
147		101				147.57 - 147.78 Ca - Kspar - Qz								
148						mx CP + Gypsum?								
						Vein subparallel to core axis								148.5
149	149.05					Clots of Bi and green sericite in								
						selvages!						46		1. / 2.
150.0	1.52	82												
	150.57			60	$S_0 = S_1$									
151	1.53	99												151.3
152	152.10													
				35								48		2.92 / 3.8
153		92			Qz-kspar									
154														
155.0	155.14													
156												58		
157.5														3.33 / 6.0

PAGE 4 OF 30 | PROJECT: Fairchild - Hoover | HOLE NO. HV94-

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x10⁻⁵	SCIN Bkn 60-
		136.38	137.88	1.50	595	10	1440	3x2	80-
		137.88	139.45	1.57	596	10	380		
		139.45	140.95	1.50	597	5	569		
		140.95	142.45	1.50	598	45	1500		
		142.45	143.95	1.50	599	15	901		90
		Standard			MS36	600			
		143.95	145.45	1.50	601	20	1020		
		145.45	146.97	1.52	602	10	1030		
		146.97	148.47	1.50	603	125	5550		100
		148.47	150.0	1.53	604	145	4020		110
		150.0	151.55	1.55	605	65	1770		100
151.20 - 155.60 spotty blebs of spec haem ± red-brown halo, mostly in Ca-Qz-kspar? veins.		151.55	153.05	1.50	606	35	898		
		153.05	154.55	1.50	607	25	1230		
		154.55	156.05	1.50	608	<5	529		
~155 - 158 - hr only of CP + PY									
		156.05	157.55	1.50	609	60	1935		

MADE IN VANCOUVER, CANADA

PROJECT: Fairchild-Heever

HOLE NO. HV94-5

DEPTH (m)	% CORE REC	STRUCTURE	GEOLOGICAL DESCRIPTION
157.5 – 158.19	94	40°	158.14 – 158.50. Qz, K-spar, Ser, + minor Ca vein w̄ undulating contacts. Intense Tø [illegible] fracture [illegible] and [illegible] vein selvage. – "slickened" fracture at 70°? cuts vein [illegible] as slickensided Py + CP.
158.19 – 161.23	97	50° S1=S0	
161.23 – 164.28	95	20° S1=S0; 10°; 70° Qz-Kspar; S1=S0	162.50. 1cm late stage vein in bx composed of very soft 1-2 clear to pink or powdery white mineral. Gypsum? Talc? 164.0 more gypsum/talc assoc. w̄ Ca vein in bx.
164.28 – 167.33	99	90° S1=S0	
167.33 – 170.38	98	50° S1=S0	
170.38 – 173.43	97		172.0 – 173.88 – zone of weaker f-spar alt'n. Dark, peppery Qz-Bi layers ± thin bands of Qz or f-spar and bands of Ca-Ser – that follow foliation, but pinch out or thicken in areas. – in crackle bx'd zone, the Qz-Ca-Ser veins will follow fol'n then X-cut it in a stockwork pattern, suggesting bx'n and influx of fluids occurred at same time. – f-spar alt'n gradational at top + bot.
173.43 – 176.47	93		
176.47 – 179.52	98	35° Qz-Tø	177.50 – 7cm wide Tø – Qz vein with CP occurring preferentially in Ca-Ser-Bi veinlets which both follow and cut the vein.
179.52 – 180.0			

ALTERATION: A Fd, B CB, C MS, D Tø, mBi; FRACTURE INTENSITY: 86 (at 165.0), 63 (at 173); VEIN QTZ.

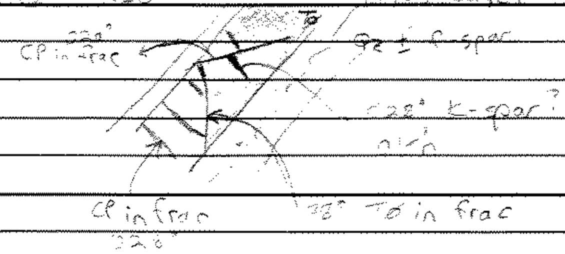
PAGE 16 OF 30 | PROJECT: Fairchild - Hoover | HOLE NO. HV94-

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS	ASSAYS Co ppm	MAG SUSCEPT SI x 10^{-5}	SCIN Bkgd 60-8
		159.55	159.05	1.50	001610	65	2560			3x2	100
		159.05	160.60	1.55	611	40	2420		515		
160.81 - 160.83 — 1/2% PY>CP as blebs in Qz-Ser vein and on fracture surface.		160.60	162.10	1.50	612	30	1760				
161.10 - 162.0 — 1/4-1/2 % CP>PY as blebs in fracture and Qz-Ca veins.		162.10	163.60	1.50	613	25	1380				
		163.60	165.52	1.92	614	15	1150				
		165.52	167.0	1.48	615	5	509				90
		167.0	168.50	1.50	616	25	839				80
		168.50	170.0	1.50	617	5	418				90
		170.0	171.50	1.50	618	<5	667				100
		171.50	173.0	1.50	619	30	820				90
		173.0	174.50	1.50	620	25	862				
		174.50	176.0	1.50	621	5	398				
176.50 - 176.65. 1/4-1/2 % CP in by matrix		176.0	177.60	1.60	622	80	2400				
		177.60	179.03	1.43	623	10	411				
		179.03	180.64	1.61	629	<5	629				
		Standard			G02-21	625					

MADE IN VANCOUVER, CANADA

PAGE 17 OF 30	PROJECT: Fairchild - Heover	HOLE NO. HU94-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Fd	B CB	C MS	D Td	E Bi	FRACTURE INTENSITY RQD	VEIN QTZ.
180.0 – 182.57	96			@ 179.50 Qz xf spar 035° Bi, Ser, Ca, CP							
182.57 – 183.79 (.84/1.22)	69									10.1/13	
183.79 – 185.62 (1.83/1.83)	105		40° Qz-Ca							77	
185.62 – 188.67	100		38° $S_1 = S_0$; 50° $S_1 = S_0$	186.70-254.75 Quarz-biotite-feldspar Hornfels							
188.67 – 191.71	100										
191.71 – 194.76	99									191.7	
194.76 – 197.81	100		35° $S_1 = S_0$							91; 11/13	
197.81 – 200.86	100		15° Ca-Qz-CP								
200.86 – 202.5	100										



186.70-254.75 Quarz-biotite-feldspar Hornfels
- unbr'd to crackle bx, occasional sections of bx w̄ to + pink kspar
- dark grey to black Qz-bi+f-spar layers + peppery-greenish Ca-ser ± Cl, Bi layers cross-cut by veins of Ca, Qz ± Ser, Scap, Kspar, albite.
- Feldspar "bleaching" around later crosscutting fractures.
- Pervasive, fine-grained f-spar may occur in varying amounts.
- the alteration graph records when the f-spar alt'n is clearly visible.

201.4-201.6 dark grey porphyroblasts composed of ? (maybe f-spar? cordierite? from other thin sections), often w̄ Sx disc in nucleus - occur in lighter grey-green Qz-bi-ser ± f-spar icl s.

PAGE 18 OF 30 | PROJECT: Fairchild-Hoover | HOLE NO. HV94-

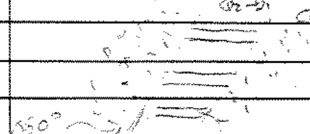
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x 10^{-5}	SCINTREX BKN. 60-8
		180.64	182.14	1.50	626	40	818	3x2	100
		182.14	183.79	1.65	627	5	183		150 100
		183.79	185.30	1.51	628	55	2050		
		185.30	186.80	1.50	629	60	1890		
		186.80	188.30	1.50	630	25	928		
186.70 - 254.75 tr to 1/4 % CP and Py as blebs in veins/ bx matrix and fractures and as fine diss. preferentially in Ca-Cl layers.									
		188.30	189.82	1.52	631	<5	345		
c 187.95 - 188.83 1-2% CP + tr Py as blebs and diss. in bx zone.		189.82	191.50	1.68	632	45	2920		
191.85 - 193.14 1/2 - 1% CP + tr Py in veins + bx matrix + fines		191.50	193.50	2.00	633	145	5170		
		193.50	195.0	2.00	634	30	1780		
		195.0	196.50	1.50	635	70	2770		
		196.50	198.0	1.50	636	120	1895		
		198.0	199.50	1.50	637	90	2940		
		199.50	201.0	1.50	638	115	3980		
		201.0	202.50	1.50	639	<5	611		

MADE IN VANCOUVER, CANADA

poss. T.S. 221.73 m

PAGE 19 OF 30	PROJECT: [illegible]	HOLE NO HV94-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Td)	B (CB)	C (MS)	D (Te)	E (Bio)	FRACTURE INTENSITY / RQD	% VEIN QTZ	Mag
202.5 – 203.91		16		~200 – 218 very few later stage Ca-Qz-Ser ± Sulphide veins. Weakly fractured.								
203.91	99	I-7-9	25° S₀=S₁	– "older" veins of [illegible] [illegible] in core [illegible] [illegible]								
205.0				qz-bi ca-ch						70		
206.95				50° ~ [illegible]								
207 – 208 (1.64 / 1.84)	89		45° S₀=S₁	Ca 77°								
208.71 / 9.61 / 209.39	97											
210.0 – 212.44	98											
212.44 – 215.49	98		55° S₀=S₁; 60° S₀=S₁							87		
215.49 – 218	101		55° S₀=S₁									
219 – 220.0	97			220.15 Gypsum alkering from Ca? vein ± Ser? Ca? selvage.						80		
221 – 222	95		60° S₀=S₁	221.73 m Gypsum vein altered from Ca? CP + Py assoc. ± Vein (take poss. T.S.?)								
223 – 225.0												



Right margin: 204.5; 3.5/4.0; 209.5; 7.5/8.0; 217.5; 11.25/12.5

 PROJECT: [illegible] HOLE NO. HU94-5

Depth	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			MAG SUSCEPT SI x10-5	SCH BKN 60-…
202.5 / 203			202.50	204.10	1.60	640	<5	1210			3x2	10… 9…
204			204.10	205.00	1.50	641	<5	291				
205.0	205.15 m Magnetite blebs occurring in Ca + CP vein following foliation		205.00	207.10	1.50	642	110	4140			3x30, 3x2	
206 / 207			207.10	208.80	1.70	643	50	2380				
208			208.80	210.30	1.50	644	45	1680				
209 / 210.0			210.30	211.80	1.50	645	<5	289				
211			211.80	213.30	1.50	646	<5	159				
213	213.50 - 214.40 minor Magnetite blebs and poss. stringers of Pyrrhotite pref. in Ca - Cl layers.		213.30	214.82	1.52	647	20	1500				
214 / 215.0			214.82	216.30	1.48	648	50	2840			3x65, 3x80, 4x15, 3x2	
216			216.30	217.85	1.55	649	100	3440				
217			217.85	219.48	1.63	650	60	2840				8C
218 / 219			219.48	221.0	1.52	651	65	2450			3x40, 3x2	
220.0											3x10, 3x2	
221	221.68 - 221.78 - 2% CP + tr Py in vein of Gypsum altered from Calcite?		221.0	222.50	1.50	652	160	4920				
222			222.50	224.0	1.50	653	105	5670				
224 / 225.0	222.48 - 225.0 m - ½ - 1% CP + tr Py as blebs in bx matrix and in Ca - Qz - K-spar - Ser veins, 1-1½ cm wide. Massive CP vein at 224.83 oriented 020° to c.a.		224.0	225.65	1.65	654	205	9200				

PAGE 21 OF 30	PROJECT: Fairview - Hoover	HOLE NO: [illegible]-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	Garnets	ALTERATION A (Fd)	B (Cb)	C (Ms)	D (To)	E (Bi)	FRACTURE INTENSITY (RQD)	VEIN QTZ.	Mag
225.0													
226	101	HJJb		226.60 - [illegible].70 Ca-Qz-K-spar? vein [illegible] [illegible] approx perpend. to [illegible]									
227													
228													
229	102												
230.0				224 - 230 Crackle bx'd and [illegible] w Tx + Ca + Ser in matrix, not [illegible] min. although frequently Xcut by Ca-Qz-Ser ± f-spar veins									
231													
232	99												
233													
234	90												
235.0	101												
236													
237											85		
238	101												
239				239.20 - 254.75 Black qtz-biotite hornfels w weak f-spar, Ca, Ser alteration. lighter Ca-Qz-Ser layers are infrequent to nonexistent and are cross cut and offset by Qz-Ca vein stockwork.									
240.0			40; Si=So?										
241	88												
242			Qz-Ca-Ser	- rock perhaps weakly altered because it was a mostly impermeable graywacke with few siliceous layers. Has fine disseminations of Py and Cp concentrated in Qz-Ca-Ser layers.									
243	105												
244													
245.0				- Garnets occur as xtals individually or as clumps mostly along Ca-Qz-Ser [illegible] and veins.							89		
246	96												
247				- garnets are [illegible] (grossular?) euhedral, [illegible] mm diameter									
				- F-spar alt'n gradational at both ends.									

PAGE 22 OF 30 | PROJECT: Fairchild-Hoover | HOLE NO. Hu94-

Depth	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm		MAG SUSCEPT. $SI \times 10^{-5}$	SCINT BKND 10^{-8}
225.0			225.65	227.21	1.55	655	<5	186		3x2	80
226											
227			227.21	228.80	1.59	656	15	943			
228			228.80	230.23	1.43	657	<5	1310			
229											
230.0			230.23	231.70	1.47	658	55	2070			
231			231.70	233.20	1.50	659	<5	169			
232											
233	233.10 – 235.8 tr – ½%. CP + Py as blebs and fine diss in Ca-Ser-Cl areas.		233.20	234.68	1.48	660	80	2300			
234			234.68	236.20	1.52	661	25	1080			
235.0	235.20 – 239.0 Magnetite blebs in Ca-Ser-Cl alteration, diss Py, CP present, perhaps Pyrrhotite as well in tr amounts.										
236			236.20	237.70	1.50	662	<5	197		3x2 w/ peaks of 3x15 to 4x15	
237			237.70	239.20	1.50	663	<5	116			
238											
239			239.20	240.70	1.50	664	<5	142		3x2	
240.0			240.70	242.16	1.46	665	<5	342			
241											
242			242.16	243.70	1.54	666	<5	57			
243			243.70	245.24	1.54	667	<5	56			
244											
245.0			245.24	246.74	1.50	668	<5	61			
246											
247											

MADE IN VANCOUVER, CANADA

 PROJECT: Fairchild - Hoover HOLE NO. HV94-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION A Fd	B Cb	C Ms	D To	E Bi	Rqd FRACTURE INTENSITY	~~% VEIN~~ QTZ.	Mag
247.50	100	HF and Fd	35°	$S_1 = S_0$									
250.0	97		70°	Co-Qz-CP							60		
	100		30	$S_1 = S_0$							89		
255.0		HF	50°	254.75-295.0	Feldspar Hornfels — light greenish grey feldspar altered hornfels. - unbx'd to crackle bx'd and intense bx - Ca-Ser layers often altered to pink K-spar - crosscutting Ca-Ser ± Qtz, K-spar, veins are frequent, sometimes containing CP. occasionally Ca altered to gypsum - not related to CP mineralization. - to occurs as vein selvages, in bx matrix, and in comp. layers in the most intensely altered sections.								
				$S_1 = S_0$									
	95												
	105												
260.0	94										40		
	93												
263.95													
265.0 2.96	90		30	$S_1 = S_0$							94		
				60° Ca									
267.0	96												
270.0 270.05													

249. 1.29/2.0 252. 3.65/11. 256. 2.93/7. 263.9 5.23/5.5

PAGE 24 OF 30 | PROJECT: Fairchild - Hoover | HOLE NO. HU94-5

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER 001-	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x10-5	SCIN BKM 60-1
248.25 - 248.60 - ½-1% cp>py as blebs in Ca-Ser vein		247.74	248.20	1.46	669	35	1190	3x2	80
		248.20	249.95	1.75	670	<5	903		
		249.95	251.16	1.21	671	<5	1095		
		251.16	252.50	1.34	672	80	4770	3x20 3x40 3x2	
		252.50	254.0	1.50	673	145	5030		
		254.0	255.50	1.50	674	35	1555		
		Standard FO2 - 21			675				
254.75 - 295.0 cp and py generally not more than trace except in Ca-Ser veins where cp and tr py occurs as fairly mx blebs		255.50	257.20	1.70	676	115	2850		
		257.20	258.64	1.44	677	10	724		90
		258.64	260.35	1.71	678	60	1280		
		260.35	261.85	1.50	679	30	852		
261.15 - 261.25m - 1% cp + tr py as mx blebs in Ca-ser vein		261.85	263.35	1.50	680	35	903		
		263.35	264.85	1.50	681	35	746		100
		264.85	266.40	1.55	682	25	757		
		266.40	267.90	1.50	683	<5	409		
267.25 - 267.55m tr amounts specks hem blebs w red-brown halos.		267.90	269.45	1.55	684	35	817		
		269.45	271.0	1.55	685	25	1275		

MADE IN VANCOUVER, CANADA

 | PROJECT: Fairchild-Hoover | HOLE NO. HV94-5

DEPTH (m)	Run	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	FRACTURE INTENSITY
270.0 – 270.96	1.29 / .91	136	FH			
270.96 – 274.02	2.98 / 3.06	97				
274.02 – 275.69	1.68 / 1.67	96		30°, S1=S0		86
275.69 – 278.73	3.02	99		43°	276.49 – 276.69 – 20cm wide Ca-Qz-K-spar-ser-CP-Gypsum vein at 043° t.c.a.	
278.73 – 281.02	2.38 / 2.29	104		Δ		67
281.02 – 283.5	2.13 / 2.48	86		28°, S1=S0		
283.5 – 286.20	2.99 / 2.7	110		Δ	283.58 – 286.75 – bx zone w/ CP highest in area of highest td in matrix.	76
286.20 – 289.25	3.02	99		Δ		
289.25 – 292.30	2.99	98		S1=S0		

ALTERATION: A Fd, B CB, C MS, D Td, E Bi; % VEIN QTZ; Mag

Depth marks: 270.0, 271, 272, 273, 274, 275.0, 276, 277, 278, 279, 280.0, 281, 282, 283, 284, 285.0, 286, 287, 288, 289, 290.0, 291, 292, 292.5

Right margin: 270. ; 7.? / 8.6 ; 278. ; 2.4 / 3.6 ; 282 ; 9.1 / 12.

PAGE 26 OF 30 | PROJECT: Fairchild-Hoover | HOLE NO. HV94-5

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Ag ppb	ASSAYS Au ppm	MAG SUSCEPT SI x10⁻⁵	SCIN B/KN 60-9
270.0								3x2	90
		271.0	272.50	1.50	686	95	1480		
272		272.50	274.02	1.52	687	85	2100		
273									
274		274.02	275.50	1.48	688	30	1385		
275.0		275.50	277.0	1.50	689	20	1825		
276									
277		277.0	278.48	1.48	690	15	1700		
278		278.48	280.0	1.52	691	5	247		
279									
280.0		280.0	281.25	1.25	692	20	1560		
281		281.25	282.75	1.50	693	50	1355		
282									
283	283.65 – 284.50 = 2% CP, trPy in Ca-Sr veins and bx matrix	282.75	284.70	1.95	694	65	2750		
284		284.70	286.20	1.50	695	<5	51		
285.0									
286		286.20	287.70	1.50	696	<5	331		
287		287.70	289.25	1.55	697	<5	809		
288									
289	289.0 – 290.95 – trace diss Spec hem w red-brown halos.	289.25	290.70	1.45	698	<5	133		
290.0		290.70	292.20	1.50	699	<5	69		
291.0		Dolomite			700	<5	.7		
292.0									

N2/E2

MADE IN VANCOUVER, CANADA

 PROJECT: Fairchild - Hoover HOLE NO. HV94-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
292.5 – 295.0 (3.07)	98	FH	50° Ca-Ser	
295.0 – 295.35				295.0-321.86 quartz-biotite-carbonate-sericite/chlorite Hornfels.
295.35 – 297.48 (1.82 / 2.13)	85			- relatively unfractured, unaltered Hornfels.
297.45 – 297.48 (.25 / .3)	83			- dark green-grey Qz-Bi±Chl layers alt'n't w lighter green-grey salt and peppered Ca-Ser±Cl layers.
297.48 – 300.83 (3.14 / 3.05)	103			- compositional layering is generally ~50° t.c.a w Ca-Ser veins crosscutting at ~50° t.c.a.
300.83 – 303.88 (3.02 / 3.05)	99		32 S1=S0	- Ca-Ser vein density is ~3 or 4 /meter w more freq. hairline veins. - veins may contain K-spar, epidote, Cl, garnets, magnetite, Spec hem, CP, Py, Gypsum, quartz.
303.88 – 306.93 (3.05 / 3.05)	100		55° Ca-Ser; 50 S1=S0	- garnets occur preferentially in Ca-Ser veins and Ca±Ser/Cl layers. - epidote occurs as selvages to Ca-Ser veins, on fracture surfaces, in Ca-Ser/Cl layers, and as veinlets replacing Ca?
306.93 – 309.98 (3.00 / 3.05)	98		50° Ca-Ser-epid K-spar	- Chlorite, rather than sericite seems to be the main pervasive green mineral.
309.98 – 312.42 (2.43 / 2.44)	100			
312.42 – 315.0 (2.85 / 3.04)	94		43° Ca-Mag	

Columns: Epidote, Garnet, ALTERATION (A Fd, B CB, C Ms, D Td, E Bi), FRACTURE INTENSITY, % VEIN QTZ, Mag.

FRACTURE INTENSITY: 88 (295.35–309.98); 66 (309.98–)

Right margin: 295; 1.2; 298; 10.3 / 11.6; 309.9; 4.50 / 6.5

PAGE 28 OF 30 | PROJECT: Fairchild-Hoover. | HOLE NO. HV94-5

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x10⁻⁵	SCINTREX BKNX 60-8
292.5		292.20	293.70	1.50	701	<5	198	3x2	90
		293.70	295.20	1.50	702	<5	410	↓	
294								~~3x10~~ w peaks of	
295.0		295.20	296.70	1.50	703	<5	431	4x20	
295.0-321.86 - Very minor traces of cp + py diss + blebs in Ca-Ser veins and layers. - Spec hem occasionally as blebs in Ca-Ser vein - Mx magnetite as fragment blebs and veinlets assoc. w Ca-Ser veins and w Ca-Ser'd layers.		296.70	298.20	1.50	704	10	255	3x5 w peaks of 3x30 to 4x30 over mag blebs and veins	↓
		298.20	299.70	1.50	705	<5	55		
		299.70	301.20	1.50	706	<5	215		
300.0									
301		301.20	302.70	1.50	707	<5	47		
		302.70	304.20	1.50	708	<5	34		
303									
304		304.20	305.75	1.55	709	<5	13		
305.0									
306		305.75	307.20	1.45	710	<5	9		
307									
		307.20	308.70	1.50	711	<5	14		
308									
		308.70	310.20	1.50	712	<5	10		
310.0									
		310.20	311.70	1.50	713	<5	30		
		311.70	313.20	1.50	714	<5	27		
		313.20	314.70	1.50	715	<5	292		
314									
315.0								↓	↓

MADE IN VANCOUVER, CANADA

PROJECT: Fairchild - Hoover

HOLE NO. H94-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	Epidot	Garnet	ALTERATION A Fd	B CB	C MS	D Td	E Bi	FRACTURE INTENSITY	% VEIN QTZ.	mag
315.0														
315.46 – 318.51 (3.04 / 3.05)	100	Ryls-D-T-U												
318.51 – 321.56 (3.02 / 3.05)	99	A	35°	20° Ca, Gyp, Spec hem, CP, epid; S1=50								75		
321.56				E.O.H										

Depth scale: 315.0, 316, 317, 318, 319, 320.0, 321, 322, 323, 324, 325.0, 326, 327, 328, 329, 330.0, 331, 332, 333, 334, 335.0, 336, 337

PAGE 30 OF 30 | PROJECT: Fairchild-Hoover | HOLE NO. HV94-5

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER 001-	ASSAYS Au ppb	ASSAYS Cu ppm			MAG SUSCEPT SI x 10^-5	SCINTREX 60-s
		315.70	316.35	1.65	716	20	174			3x5	90
		316.35	317.85	1.50	717	<5	25			w	90
		317.85	319.35	1.50	718	10	138			peaks of 3x30 to 4x30 over	
		319.35	320.40	1.05	719	70	1980			mag blebs + veins	
		320.40	321.86	1.46	720	45	983				
E.O.H.											

MADE IN VANCOUVER, CANADA

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

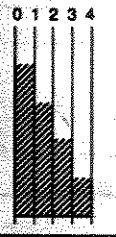
RECEIVED OCT 21 1994 MINING RECORDER MAYO, Y.T. & N.B.

PROJECT: Fairchild	GROUND ELEV.: 615m
HOLE NO.: HV94-6	BEARING: 062°
LOCATION: Hoover Grid 6830N 4968E Claim # YB28692	DIP: -45°
	TOTAL LENGTH: 87.78 m (288 ft)
LOGGED BY: K. Hofmann	HORIZONTAL PROJECT: 62 m
DATE: aug 20th /94	VERTICAL PROJECT: 62 m.
CONTRACTOR: Falcon Drilling	
CORE SIZE: NTW	
DATE STARTED: aug 18th, 1994	
DATE COMPLETED: Aug. 19, 1994	
DIP TESTS: No TESTS	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE



traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

STANDARD REFERENCE

001725 MS3 #6.
775 G02 #21.

NOTE - CORE STORED AT COPPER POINT Aimstrup Camp, Mab 163 mineral claim (NTS 106 D16)

LEGEND

FD - FELDSPAR
CB - CARBONATE
HM - HEMATITE
CL - CHLORITE
BI - BIOTITE
TO - TOURMALINE
MG - MAGNETITE
MS - SERICITE

PAGE 1 OF 8	PROJECT: Fairchild - Hoover	HOLE NO. HU94-6

Column headings: DEPTH (m) | % CORE REC | LITHOLOGY | STRUCTURE | GEOLOGICAL DESCRIPTION | ALTERATION: A Fd, B CB, C MS, D Tø, E Bi | FRACTURE INTENSITY (RQD) | QTZ. | Mag

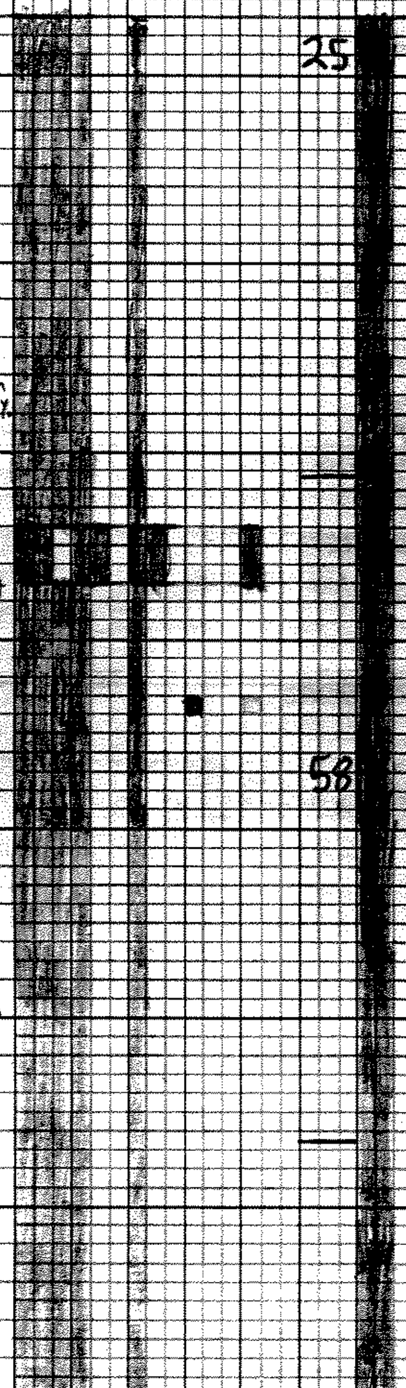
Depth scale: 0, 1, 2, 2.5, 3, 4, 5.0, 6, 7, 8, 9, 10.0, 11, 12, 13, 14, 15.0, 16, 17, 18, 19, 20.0, 21, 22

% Core Rec: 77, 97, 62, 58, 66, 85, 100, 99, 86, 100, 100, 98

Lithology: FH (4.26 m down)

Interval	Geological Description
0-4.26 m	Casing
4.26 - 40.75	feldspar Hornfels.
	- light buff-grey to green-grey feldspar altered Hornfels.
	- generally weakly fractured, can see S_1 foliation, which varies from 20° - 45° t.c.a.
	- Ca-Qz-Ser veins generally xcut foliation at 30 - 60° t.c.a. and are sometimes weakly mineralized w cp ± py - they also sometimes follow foliation. often vuggy.
	- vein density is poor, w veins ranging from hairline to 10 cm wide.
	- f spar is generally pervasive, but weaker in some sections. Areas of grey green f-spar alt'n are cross-cut by fractures w buff-coloured f'spar envelopes. K-spar overprinting plag?
	- limonite + malachite common on fracture surfaces.
	4.26 - 7.80 m - highly fractured, rubbly zone, weakly limonitic - manganese oxide common on fracture surfaces.
	13.25 - 13.34 Ca-Qz vein w ser/cl selvages, followed by ~25 cm of weak tø alt'n in comp. layers.

Structure notes: 40° $S_1 = S_0$ (~9.7 m); 20° $S_1 = S_0$ Ca-Qz-Ser (~12.8 m); 30°; 25° $S_1 = S_0$ (~14 m); 30° $S_1 = S_0$ (~15 m); Ca-Qz vein sub// t.c.a. unmin. (~20.5 m)



Right margin: 4.2 | 1. / 6. | 10.3 | 5. / 8. | 19.1

PAGE 2 OF 8 | PROJECT: Fairchild - Hoover | HOLE NO. HU94-

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x 10^{-5}	SCINTREX 60-s
4.26 – 40.75 mineralization very poor, occasional blebs of cp±py in Ca-Q2-Sericite veins.		4.26	6.40	2.14	001721	<5	320	3x2	80
		6.40	8.22	1.82	722	<5	324		
		8.22	10.36	2.14	723	20	485		
		10.36	12.0	1.64	724	10	798		
		Standard		MS3-6	725	6	1		
		12.0	13.50	1.5	726	35	525		
		13.50	15.0	1.5	727	10	74		
		15.0	16.50	1.5	728	20	783		
		16.50	18.0	1.5	729	<5	257		
		18.0	19.50	1.5	730	25	1455		
		19.50	21.0	1.5	731	<5	671		
		21.0	22.50	1.5	732	10	372		

MADE IN VANCOUVER, CANADA

T.S. 38.5 m

PAGE 3 OF 8 | PROJECT: Fairchild-Hoover | HOLE NO. #494-6

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Fd	B Cb	C MS	D Tr	E Bi	FRACTURE INTENSITY	% VEIN QTZ.	Mag
23.5		ft	65°	65° Ca-Qz-Ser cp								
24			35°	35° Ca-Qz-Ser cp, K-spar								
25.0	95		S1=S0	23.50 m - fault gouge zone ~ 6cm wide w limonite + malachite - may start at or xcut vuggy Ca-Qz vein at start. - rough orientation of 50° t.c.a. seems to xcut foliation at top and follow it at bottom.						69		7.1
26			35	Ca-Qz-Ser-cp 10cm wide.								
27			S1=S0									
28	100			28.75 m Ca+Ser vein; f-spar + salt and pepper Ca-Ser'd layers; 042° t.c.a.								
30.0	100			27.0 - 35.50 Zone of generally higher Ca-Ser alt'n in layers w weaker f-spar alt'n between 32 - 35.50 m. @ 38.50 - sharp contact between slightly less f-spar altered and Ca-Ser layers and zone of intense buff-colored f-spar alteration marked by Ser'd-K-spar-Tr-Ca vein as follows:								29.9
31										29		.9
32												
33												32.0
34	101											
35.0												
36	101		20	S1=S0								5.1
37			45°	S1=S0						67		7.0
38			25°	Ser'd-K-spar-Tr-Ca								
40.0	98		50°	S1=S0								40.2
				40.75- Quartz-biotite-Carbonate-Sericite/clinozoisite-Feldspar Hornfels: - Dark grey Qz-bi layered w green salt+pepper Ca-Ser'd - f-spar alteration pervasive and strong in some sections, when it is weak it gives the Qz-bi layers a lighter greeny-grey colour and softer texture. - f-spar alt'n also as frac. envelopes - ↑ f-spar w ↑ fracture/vein density.								
45.0	102											

22° strong f-spar alt'n; fol'n/frac disappears; fol'n/frac 043°; Tr; K-spar; Ser'd-Ca

PAGE 4 OF 8 | PROJECT: Fairchild-Hoover | HOLE NO. HV94-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x 10⁻⁵	SCINTREX BKGD 60-S
		22.50	24.0	1.5	733	<5	349	3x2	80
		24.0	25.50	1.5	734	<5	303		
		25.50	27.0	1.5	735	20	1425		
		27.0	28.50	1.5	736	15	1225		90
		28.50	30.0	1.5	737	<5	964		
		30.0	31.50	1.5	738	<5	517		
		31.50	33.0	1.5	739	140	7250		
		33.0	34.50	1.5	740	<5	260	3x10 3x20 3x2	
		34.50	36.28	1.78	741	30	885		
		36.28	37.54	1.26	742	90	4720		
36.87 - 37.55 - 1/2% cp + tr Py 20 mx blebs in Ca-ser veins in area of intense Ca-ser veining/alt'n.		37.54	39.0	1.46	743	45	1510		
39.75 - 40.80 1/4% cp + tr Py as mx blebs in Ca-ser veins in area of slightly higher fracture density / Ca-ser veins.		39.0	40.80	1.80	744	80	3080		
		40.80	42.55	1.75	745	10	1030	3x15 3x2 3x10 3x2	80
40.75 - 41.78 cp+Py mineralization weak - blebs in Ca-Ser-Cl veins and as blebs, stringers, diss. in Ca-Ser-Cl layers.		42.55	44.0	1.45	746	40	2080		
		44.0	45.50	1.50	747	<5	328		

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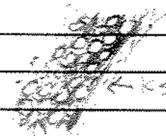
T.S. @ 48.10

PAGE 5 OF 8	PROJECT: Fairchild - Hoover	HOLE NO. HV94-6

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	epidote	garnet	ALTERATION Fd A	CB B	MS C	Td D	Bi E	FRACTURE INTENSITY	% VEIN QTZ.	Mag
45.0	98	Ca-Ser/Cl - Qz - Bi	35°	$S_1 = S_0$	- fractures of the core limonite + malachite ± spec hem.								80		
46					- Ca-Ser/Cl ± Qz, epid, garn, cp, py veins frequently run [illegible] to sub// [illegible] and cut foliation mostly at 35° - 50° t.c.a.										
47															
48	101		30°	$S_1 = S_0$	48.10 - comp. layer of feldspar microbx? porphyroblasts? w/ Td matrix										
50.0				20° wavy Ca-Qz-cp	 ← kspar + ca + ser								68		
51															
52	102		50°	$S_1 = S_0$	Td + K-spar?										
53					52.40 - 53.10 - Ca, Qz - Ser - k-spar Td + minor cp vein, undulating contacts.										
54			30°	$S_1 = S_0$											
55.0	101			Ca-Ser vein // t.c.a.	55.44 - 63.50 - red garnets + garnet clots prefferentially in Ca-Ser/cl layers and veins.										
56					55.90 - 63.75 - epidote replacing Ca in fractures and layers and veins										
57															
58	101														
59													94		
60.0			55°	30° Ca-Ser-Py-cp vein $S_1 = S_0$											
61	99														
62															
63															
64	97			55° Ca, Qz, Ser cp, Py									51		
65.0					65.0 - 74.0 m - Ser/cl content drops off - rock is more grey than green										
66	101				- bi ± qz layers harder - probably less f-spar alt'n										
67.50															

PAGE 6 OF 8 | PROJECT: Fairchild - Hoover | HOLE NO. HU94-

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	Mag Suscept SI x 10^{-5}	Scin BKN 60
		45.50	47.30	1.80	748	<5	1130	3x2	80
		47.30	48.50	1.20	749	<5	612		
		48.50	50.16	1.66	750	65	1885		
49.95' - Mx cp bleb in vuggy-weathered Ca vein sub // to c.a. cp poss. once filled open space and was ~1cm wide.		50.16	51.50	1.34	751	80	1715		
		51.50	53.30	1.80	752	50	1685		
		53.30	54.80	1.50	753	45	1310		
		54.80	56.30	1.50	754	<5	1415		
		56.30	57.80	1.5	755	<5	513		
		57.80	59.30	1.5	756	<5	73		
		59.30	60.80	1.5	757	<5	103		
		60.80	62.30	1.5	758	<5	16		
		62.30	63.80	1.5	759	40	123		
		63.80	65.30	1.5	760	10	894		90
		65.30	66.80	1.5	761	<5	180		
		66.80	68.30	1.5	762	10	304		

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PAGE 7 OF 8 | PROJECT: Fairchild-Hoover | HOLE NO. HU94-6

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Fd)	ALTERATION B (CB)	ALTERATION C (MS)	ALTERATION D (TO)	ALTERATION E (Bi)	FRACTURE INTENSITY	%VEIN QTZ.	Mg
70.50												
70.0	98		35° ca. Qz, ser, cp									
75.0	105		ca-ser-cp vein // t.c.a.									
	95											
80.0	100		15° ca-ser-mx cp+py vein ~2cm 28° ca-ser, cp vein ½cm 43° ca-mx cp+py vein ~½cm	78-87.78 Ca veins ± Qz, ser, cp, py, k-spar cut foliation generally at either 45° t.c.a. or at 20° t.c.a. Foliation is generally at 50° t.c.a.						91		
	100		30° ca-ser-Qz-cp py vein 4cm wide									
85.0	99		50° $S_1 = S_0$ 58° ca-ser-cp vein									
	100			E.O.H. 87.78 m								
90.0												

PAGE 8 OF 8 | PROJECT: Fairchild – Hoover | HOLE NO. HU 94-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x 10^{-5}	SCINT GEOL. 60-8.
								3x2	90
		68.30	69.80	1.5	763	15	1140		
		69.80	71.30	1.5	764	20	1030		
		71.30	72.82	1.52	765	<5	1140		
		72.82	74.32	1.5	766	30	2250		
		74.32	75.80	1.48	767	20	661		
		75.80	77.30	1.5	768	60	2070		
		77.30	78.80	1.5	769	30	2040		90
78.44 m: Mx cp + tr Py in center of ca-Se vein 2 cm wide.									
		78.80	80.30	1.5	770	120	2530		
79.50 – mx cp veinlet w/ tr Py ~ up to ½ cm wide.									
		80.30	81.80	1.5	771	45	1840		
		81.80	83.30	1.5	772	50	1675		80
		83.30	84.80	1.5	773	70	3220		
		84.80	86.30	1.5	774	45	2910		
		Standard G02-21			775				
		86.30	87.78	1.48	001776	60	2300		

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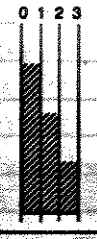
PAMICON DEVELOPMENTS LIMITED

DRILL LOG

RECEIVED OCT 21 1994 MINING RECORDER MAYO, Y.T. YUKON & N.W.T.

PROJECT Fairchild	**GROUND ELEV.** 635m
HOLE NO. HV94-7	**BEARING** 062°
LOCATION Hoover Grid 7200N 4955E CLAIM # YB28694	**DIP** -45°
	TOTAL LENGTH 398.98 m (1309 ft)
LOGGED BY K. Hofmann	**HORIZONTAL PROJECT** 282 m.
DATE avg 22 Knd/94	**VERTICAL PROJECT** 280m
CONTRACTOR Falcon Drilling	
CORE SIZE NTW	
DATE STARTED avg 20th	
DATE COMPLETED	

ALTERATION SCALE



TOTAL SULPHIDE SCALE

DIP TESTS - measured at collar - -45°

8.84m - -44° @ 057° - problem?
155.14m - -45° @ 063°
382.12m - -45° @ 063°

COMMENTS

STANDARD REFERENCE

001825	MS3 # 6
850	MS3 # 6
875	standard
900	GO2 #31
925	GO2 #21
950	MS3 # 6
2000	GO2

LEGEND

FD - FELDSPAR
CB - CARBONATE
HEM - HEMATITE
CL - CHLORITE
Bi - BIOTITE
TM - TOURMALINE
MAG - MAGNETITE
MS - SERICITE

Note - Core is stored at the Copper Point Airstrip camp on the Slab 153 mineral claim (NTS 106 D/16)

PAGE 1 OF 36	PROJECT: Fairchild-Hoover	HOLE NO. HV94-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION: Fd A	CB B	MS C	Tø D	Bi E	FRACTURE INTENSITY (RQD)	QTZ
0.0				0-3.05	casing							
3	88	FH		3.05-71.50	feldspar - Hornfels							
4					- Generally light grey to light browny-green buff coloured.						44	
5.0	112				- weak fracturing, w. areas of crackle bx.							
6–7			40°; $S_1=S_0$		- calcite - siderite/ankerite - Quartz ± kspar, ± sericite veins common, w. siderite/ankerite? altering to calcite and sericite							
8	94		5°; Qz-k-spar Ca-Tø		- limonite and/or chlorite common on fracture surfaces.							
9–10.0			$S_1=S_0$		- carbonate-tourmaline layers are often being obliterated by f-spar-Qz flooding alt'n.							
11	94				- occasionally small bands of tø + pink k-spar? are distinct.						58	
12			40°; 60° Qz-sid-Ca vein/frac; $S_1=S_0$		- alt'n envelopes around fractures are paler than host rock - could be f-spar or qz, need thin section anal.							
13–14	99		35°; fracture w. chl + lim + slicks.		- carbonate-tø layers could be carb-bi layers, but where the "salt + pepper" texture grades to "pepper" it is hard - suggesting the "pepper" is tø							
15.0			50°; $S_1=S_0$		+ Ca carbonate-tø layers, the carbonate is dolomite with weak to							
16	99				strong alt'n to calcite. Sericite alt'n weak.							
17					- rock generally unmineralized except for traces of Cp, Py in veins that have been alt'd to Ca-ser.						92	
18–19					- protolith for hornfelization could be a dolomite-siltstone							
20.0	98				3.05-4.20 - weak f-spar alt'n - dark grey layers + salt and pepper layers - bi? tø?							
22	↓			overall	- $S_1=S_0$ between 20° and 60° t.c.a. - probably rotated chunks between fractures.							

PAGE 2 OF 36	PROJECT: Fairchild-Hoover	HOLE NO. HV94-…

3.05 - 187.25 tr very fine disseminations of Py throughout. occasional blebs of CP w Ca-Qz veins. traces of spec hem and perhaps traces of very fine dissem. Pd or Mag giving mag suscept. peaks. - also magnetite veins / blebs replacing Ca give high peaks.

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			Mag Suscept SI×10⁻⁵	SCIN… 8 km… 60–8…
3.05 - 187.25 (see above)		3.05	4.50	1.45	001777	<5	49			3×2	80
		4.50	6.0	1.50	778	<5	93			↓	↓
		6.0	7.50	1.50	779	<5	55				
		7.50	9.0	1.50	780	<5	48				
		9.0	10.50	1.50	781	<5	59				
		10.50	12.0	1.50	782	<5	32				
		12.0	13.50	1.50	783	<5	18				
		13.50	15.0	1.50	784	<5	20				
		15.0	16.50	1.50	785	<5	21				
		16.50	18.0	1.50	786	<5	27				
		18.0	19.50	1.50	787	<5	29				
		19.50	21.0	1.50	788	<5	54				90
		21.0	22.50	1.50	789	<5	20				
		22.50	24.0	1.50	790	<5	22			↓	↓

MADE IN VANCOUVER, CANADA

 PROJECT: Fairchild - Hoover HOLE NO. HV94-7

DEPTH (m) 22.50	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION: Fd A	CB B	MS C	TO D	Bi E	FRACTURE INTENSITY (RQD)	% VEIN QTZ.
23	100	FH			9.30 m - 9.50 - 2-4 fracture surfaces ~ 70° ⊥ c.a., about 4 cm apart - have clay + chlorite on surface.							
24												
25.0	100		45°	$S_1 = S_0$	11.85 - 11.89 - rubble zone							
			55°	Sid-Ca-Qz-Ser								
			60°	Sid-Ca-Qz-Ser								
26												
27	99		40°	$S_1 = S_0$								
28												
29												
30.0	95		20°	$S_1 = S_0$								
31			60°	vuggy Ca-Qz-lim							56	
32												
33	95											
34												
35.0			20°	Ca-Qz-Ser-Sid-CP							82	
			20°									
36	118			$S_1 = S_0$								
37												
38	80				38.75-38.90 - rubble / Ca-vein zone w̄ hem, lim, Chl, poss. malach.						18	
39												
40.0	100		20°									
41				$S_1 = S_0$								
42	96				42.40-42.60 - Ca-Qz-Sid-ser vein undulating contact w̄ ox'd chunk later than vein. - unmineralized.						90	
43												
44												
45.0			40°	Qz-f-spar								

PAGE 4 OF 36 | PROJECT: Fairchild - Hoover | HOLE NO. HU94-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			Mag Susc (SI x 10^{-5})	SCIN
22.5											
23										3x2	90
24		24.0	25.50	1.50	791	<5	16				
25.0											
26		25.50	27.0	1.50	792	<5	20				
27		27.0	28.50	1.50	793	<5	42				80
28		28.50	30.0	1.50	794	<5	50				
29											
30.0		30.0	31.50	1.5	795	<5	156				
31											
		31.50	33.0	1.50	796	<5	79				
33		33.0	34.50	1.50	797	<5	231				
34		34.50	36.0	1.50	798	15	848				100
35.0											
36	35.67 - 35.75 - tr cp blebs in Ca-Qz-Ser veins	36.0	37.50	1.50	799	20	112				90
37		37.50	39.0	1.50	800	<5	142				
38											
39		39.0	40.50	1.50	801	<5	94				
40.0											
		40.50	42.0	1.50	802	<5	49				100
42											
		42.0	43.50	1.50	803	<5	28				
		43.50	45.0	1.50	804	<5	28				
44											
45.0		45.0	46.50	1.50	805	<5	91				

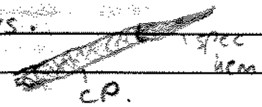
N2/E2

MADE IN VANCOUVER, CANADA

PAGE 5 OF 36 | PROJECT: Fairchild - Hoover | HOLE NO. HV-94-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE RQD INTENSITY	% VEIN QTZ.
45.0		ft									
46	92										
47											
48	98			48.16 - 48.30 - rubble zone w limonitic manganese oxide							
49											
50.0			50	S1 = S0						47	
51	92			51.10 - malachite on fracture surfaces.							
52			30	limonitic Ca-Qz vein min. weathered away							
53	89			54.0 - 61.0 - zone of more intense veining, alt'n, mineralization.							
54			45								
55.0	97		45	Qz-Ca-lim MnO2							
56				54.35 - 54.55 - vuggy, coarse xt'ls of Qz - Ca, limonitic + manganese Oz once leached SX.							
57	97			~56.0 m, Ser alt'n starts to show up - seems to ↑ downhole.							
58			38	S1 = S2						95	
59			15	vuggy Ca-Qz-Sid vein							
60.0	97			57.61 - 57.96 - 3cm wide Ca-Qz vein at 15° t.c.a. - large vugs w Qz xtals up to 1cm long. - To and K-spar alt'n higher around vein, forming bright bands of pink and bleach. - at 57.55, just before vein or as part of it is a thinner Ca-Qz-Sid vein w some cc left in it from weathering.							
61											
62	86									35	
63				59.86 - 61.0 - crackle brx'd zone w Ca - Qz - K-spar ss veins/matrix							
64				60.90 - abundant minerals staining near weathered Ca-Qz-Sid vein							
65.0	94										
66											
67											
67.50											

 PROJECT: Fairchild - Hoover HOLE NO. HU9IL-1

Depth	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			MAG SUSCEPT SI x10^-5	SCIN
45.0			46.50	48.0	1.50	806	<5	39			3x2	100
												120
												105
			48.0	49.50	1.50	807	<5	122				
			49.50	51.0	1.50	808	<5	62				
50.0												
			51.0	52.50	1.50	809	<5	109				
			52.50	54.0	1.50	810	<5	73				
			54.0	55.50	1.50	811	<5	59				
55.0			55.50	57.0	1.50	812	<5	57				
			57.0	58.50	1.50	813	<5	57				
	57.55 – 1% Mx-CP over											
	5 cm in Ca-Qz vein		58.50	60.0	1.50	814	<5	139				
			Dolomite Blank			815	<5	<1				
	59.86: CP-specimen in vein											
60.0	that disappears.		60.0	61.50	1.50	816	<5	406				
			61.50	63.0	1.50	817	<5	108				
	63.42 - 63.49 – 290 cls											
	63.20 - 63.75 – 550 cls		63.0	64.50	1.50	818	<5	102				
	Sample for U, Th?											= 290
	– areas of high radioactivity											= 550
	caused by brown mineral?		64.50	66.0	1.50	819	<5	30			3x60	100
65.0	– very fine grained, difficult										3x2	
	to identify – probably											
	hematite alteration		66.0	67.50	1.50	820	<5	101				
											3x20	
											3x2	

 MADE IN VANCOUVER, CANADA

PAGE 7 OF 36 | PROJECT: Fairchild - Hoover | HOLE NO. H/94-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Fd)	ALTERATION B (CB)	ALTERATION C (Mgt)	ALTERATION D (Tr)	ALTERATION E (Bi)	FRACTURE RQD	FRACTURE INTENSITY	% VEIN QTZ.
68												
69	77									84		
70.0												
71				71.50-125.0 feldspar-sericite/chlorite Hornfels - pale green colour pervasive in both carbonate and f-spar - Qtz areas. - could be increase in sericite content - Tr / bi alteration to Cl ? - starting to see bands of green f-spar - pink f-spar - 1 ϕ.								
72	94		S1=S0									
73										45		
74												
75.0				60° healed Ca-Qz vein ~ malachite staining								
76												
77	111		S1=S0									
78												
79	96											
80.0												
81												
82	97		S1=S0									
83												
84												
85.0	87											
86			S1=S0									
87	125		Qz									
88												
89	107											
90.0												

3.5 / 8.0

PAGE 3 OF 36 | PROJECT: Fairchild - Hoover | HOLE NO: HV94-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT	SCIN
		67.50	69.0	1.50	00821	<5	209	3x2	10C
		69.0	70.50	1.50	822	<5	59		
		70.50	72.0	1.50	823	<5	49		
								3x20 ✓	
		72.0	73.50	1.50	824	<5	42	3x2	
		Standard MS3-6			825				
		73.50	75.0	1.50	826	<5	64		
		75.0	76.50	1.50	827	<5	341		
		76.50	78.0	1.50	828	<5	43		
		78.0	79.50	1.50	829	<5	38		
								3x20	
		79.50	81.0	1.50	830	<5	87		
		81.0	82.50	1.50	831	<5	57		
								3x20	
		82.50	84.0	1.50	832	<5	79		
		84.0	85.50	1.50	833	<5	149		
		85.50	87.0	1.50	834	<5	55		
		87.0	88.50	1.50	835	<5	30		
								3x20	
		88.50	90.0	1.50	836	<5	36		
		90.0	91.50	1.50	837	<5	85		

MADE IN VANCOUVER, CANADA

PAGE 9 OF 36 | PROJECT: Fairmile – Dover | HOLE NO. HV14-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Fd	B CB	C ms/ch	D Tø	E Gi	FRACTURE INTENSITY (RQD)	% VEIN QTZ.
90.0			32°	Ca-Qz-Ser/cl							
91											
92	88		28°	S1=S0							
92.96											
93	2.84/3.05										
94	96										
95.0											
96	96.01										
97	4.00/2.74	95								59	
98			25°	30° Ca-Cl vein							
99	98.75			S1=S0							
	1.68/1.53	110									
100.0											
101	100.28 1.37/1.52	90									
102	101.80		20°	Ca-Ser-cp							
	1.67/1.53	89		102.0 - 103.20 – very intensely altered w abundant weathered Ca-Ser veins w cp, limonite, malachite.							
103	103.33										
104	2.45/3.04			103.20 - 103.60 m – pink k-spar, Qz, Ca, Tø flooding – no mineralization.							
105.0	97									68	
106	106.37										
107	3.0/3.05	98									
108											
109	109.42										
110.0			46°	35° Qz-Ca-Ser							
111	2.96/3.05	97		S1=S0							
112	112.47										
112.50											

14.
25.

103.

6.5
12.7

PAGE 10 OF 36 | PROJECT: Fairchild-Hoover | HOLE NO. AU94-

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI UNITS	SCINTREX 60-
								3x2	10
		91.50	93.0	1.50	838	<5	36		
		93.0	94.50	1.50	839	<5	53		
		94.50	96.0	1.50	840	<5	55		
								+3x15	
		96.0	97.50	1.50	841	<5	37		
		97.50	99.0	1.50	842	<5	29	+3x20	
		99.0	100.50	1.50	843	<5	20	+3x20	
								+3x40	
								+3x80	
		100.50	102.0	1.50	844	<5	22	+3x10	
								+3x20	
								+3x50	
								+3x40	
102.0-103.20 - traces of cp blebs in Qz-Ser veins, weathered away or to malachite often.		102.0	103.60	1.60	845	<5	74		
									90
		103.60	105.0	1.40	846	<5	44		
		105.0	106.50	1.50	847	<5	72		
		106.50	108.0	1.50	848	<5	29	+3x40	
								+3x60	
								-3x70	
								-3x50	
								-4x10	
		108.0	109.50	1.50	849	<5	26	-3x60	
		Standard MSB-6			850			-4x15	
								-3x40	
								+3x80	
		109.50	111.0	1.50	851	<5	18	-3x60	
		111.0	112.50	1.50	852	<5	24		
		112.50	114.0	1.50	853	<5	24		

MADE IN VANCOUVER, CANADA

PAGE 11 OF 36 | PROJECT: Fairchild-Hoover | HOLE NO. 94HV-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Fd	B cB	C ms/cl	D Tφ	E Bi	FRACTURE INTENSITY	QUARTZ VEIN %	Mag
112.50												
113			50°	112.70 - 112.90 - Qz-Ca-Sil-ser k-spar veins - vuggy ñ weathered away min?								
114	98											
115.0			45°	$S_1 = S_0$								
115.52												
116												
117	98											
118												
118.57												
119												
120.0	101											
121												
121.61												
122	96			125.0-187.25 feldspar Hornfels - as before.								
123												
123.44												
124	97		35°	$S_1 = S_0$ 124.25 $S_1 = S_0$ 050° f-spar altn buff-green								
125.0			30°	Ca-Qz-ser-K-spar fracture, Qz? 030°								
126			45°									
126.49												
127	134			K-spar-Qz Ca, ser, f-spar, tφ Ca, ser, f-spar-tφ - fracture sealed off altn?								
127.71												
128												
129	103		25°	weathered vuggy Qz-Ca-vein core mineralized.								
			20°	drusy Qz-Ca-tr cp vein.								
130.0												
130.15												
131	111											
131.32												
132	102		55°	$S_1 = S_0$								
133												
133.91												
134												
135.0												

PAGE 2 OF 36 | PROJECT: Fairchild-Hoover | HOLE NO. 94-HV-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x10⁻⁵	SCINT %K/NO 60-90
								3x2	90
		114.0	115.50	1.50	854	<5	26		
		115.50	117.0	1.50	855	<5	31		
		117.0	118.50	1.50	856	<5	15		
		118.50	120.0	1.50	857	<5	49		
		120.0	121.50	1.50	858	<5	19	4x25 3x60 4x10 3x40	
		121.50	123.0	1.50	859	<5	11		
		123.0	124.50	1.50	860	<5	25		
		124.50	126.0	1.50	861	<5	33		
		126.0	127.50	1.50	862	<5	38		
		127.50	129.0	1.50	863	<5	61	3x40 3x20	
127.71 m - native copper on fracture surface - also specular hematite abundant on one frac. surface.		129.0	130.50	1.50	864	<5	71		
		130.50	132.0	1.50	865	<5	90		
		132.0	133.50	1.50	866	<5	262		
		133.50	135.0	1.50	867	<5	127		
		135.0	136.0	1.50	868	<5	34		

MADE IN VANCOUVER, CANADA

PROJECT: Fairchild - Hoover

HOLE NO. H94-7

DEPTH (m)	Run (recovered / drilled)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
135.0 – 135.94	2.34 / 2.13	105	fd		
135.94 – 136.85	.80 / .91	89			137.92 - 138.16 - Silicified veinlet [illegible] zone [illegible] sharp contacts at 040° veinlet matrix is K-spar - Qz - Ca - Sid - ser - ±ϕ - bi - tr CP.
136.85 – 139.90	3.05 / 3.05	100		Δ Δ	
139.90 – 142.95	3.05 / 3.05	100		28°; 50°	$S_1 = S_0$; 50° Ca-Sid
142.95 – 146.0	2.91 / 3.03	95			
146.0 – 149.05	3.0 / 3.05	98		30°	
149.05 – 152.10	3.11 / 3.05	102		50°	50° fracture w/ chlorite slicks.
152.10 – 155.14	2.96 / 3.04	97		30°	$S_1 = S_0$; 10° vuggy, limonitic Ca, Qz, Ser, K-spar + tr CP.
155.14 – 157.28	2.10 / 2.14	98		10°	10° Ca-Qz-Ser
157.28 – 157.50			∇		

ALTERATION: Fd (A) | CB (B) | MS/Cl (C) | Tϕ (D) | Bi (E)

FRACTURE INTENSITY / RQD: 69

% VEIN QTZ.

Mag

PROJECT: Fairchild - Hoover

HOLE NO. HU94-[illegible]

Depth	Mineralization Description	Total Sulphide	Samples From	Samples To	Samples Width	Sample Number	Au ppb	Cu ppm			Mag Suscept SI x10^{-5}	Scin Bkn. 60-8[illegible]
135.0											3x2	90
136			136.0	137.50	1.50	869	<5	29				
137			137.50	139.0	1.50	870	<5	55				
138												80
139			139.0	140.50	1.50	871	<5	33				
140.0			140.50	142.0	1.50	872	<5	132				
141												
142	142.50 - 142.60 - tr to 1/4 % cp in weathered Ca vein, malachite staining.		142.0	143.40	1.40	873	<5	402				
143	143.55 - 143.68 - 1/4-1/2% cp + tr Py as veins and blebs in Ca-ser veins.		143.40	145.0	1.60	874	35	1475				
			standard			875						
144												
145.0			145.0	146.50	1.50	876	<5	36				
146			146.50	148.0	1.50	877	<5	192				
147											3x50	
148			148.0	149.50	1.50	878	<5	37				
149			149.50	151.0	1.50	879	<5	18				
150.0												
151			151.0	152.50	1.50	880	<5	27				
152			152.50	154.0	1.50	881	<5	52				
153												
154			154.0	155.50	1.50	882	<5	170			3x30	100
155												
156			155.50	157.0	1.50	883	<5	260				
157			157.0	158.50	1.50	884	<5	37				

MADE IN VANCOUVER, CANADA

T.S. 178.50?

PAGE 15 OF 36 | PROJECT: Fairchild-Heaver | HOLE NO. HV94-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Fd	B Cb	C ms/cl	D Tø	E Bi	FRACTURE RQD	INTENSITY C	%VEIN QTZ.	Mag
157.50		CH											
158	2.35/2.44 96												
159													
160.0	159.72 .93/1.21 77		20° S1=S0										
161	160.93 1.05/1.21 87										53		
162	162.15												7.5/14.
163	1.04/1.83 57		35°	Ca-K-spar altered to gypsum? Spec. hem									
164	163.98												
165.0	3.05/3.05 100			rubble zone									
166			30°	S1=S0									
167	167.03			35° 2cm vein of Ca-Qz-kspar-ser-gypsum, cp, py.									16?.
168	3.05/3.05 100			168.82 - 169.85m - crackle bx'd, w Ca-Ser, K-spar, Tø vein/bx matrix mineralized with cp > py									
169													
170.0	170.05												8.9/12.
171	3.05/3.05 100												
172			15° S1=S0										
173	173.13			Tø 055° 15° 03° Ca-K-spar. Tø 15° ← buff f-spar alt'n ↖ tø layer									
174	2.99/3.04 98			174.11. tø filled tension gashes at 055°, slightly offset by Ca-K-spar veinlets at 015° and 003°									
175.0													
176	176.12		20° 35°	176.0 - 176.35 - Intense tø + K-spar alt'n in bx, unmineralized - lower contact at 35° is sharp - as a fracture w cl on surface.									
177	3.07/3.07 101												
178			40° S1=S0	178.50 - 179.0m - less altered zone - is brown-grey w light grey splotches. upper contact with buff-coloured layered rock is sharp at 55°.									
179	179.22												179.?
180.0													

PAGE 16 OF 36 | PROJECT: Fairchild - Hoover | HOLE NO. HV94-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x 10⁻⁵	SCINTREX 60-81
		159.50	160.0	1.50	885	<5	44	3x2	100
		160.0	161.50	1.50	886	<5	36		
		161.50	163.0	1.50	887	<5	110		90
		163.0	164.50	1.50	888	<5	81		
		164.50	166.0	1.50	889	65	1855		
165.5 - Mx cp + tr Py in vein, 1% cp, Py over 25cm cp on rim of vein de wall, maybe replacing sericite.		166.0	167.50	1.50	890	<5	1010		
		167.50	168.82	1.50	891	<5	212		
168.82 - 169.85 m - ¼ - ½ % cp + tr Py in vein/wx matrix as blebs and stringers		168.82	170.50	1.50	892	35	1735		
170.50 - 171.30 - tr to ¼ % cp in Ca-Ser-Qz stringers		170.50	172.0	1.50	893	105	2780		
170.70 - 170.85 m - elevated scint reading ~ 200 c/s corresponds to orangy-brown stain of core, perhaps Uranocircite staining? Test for U, Th									=200 90
		172.0	173.50	1.50	894	<5	147		
		173.50	175.0	1.50	895	<5	64		
		175.0	176.50	1.50	896	<5	152		
		176.50	178.0	1.50	897	<5	41		
		178.0	179.50	1.50	898	<5	356		
		179.50	181.0	1.50	899	<5	388		
		Standard		FOZ-21	900				

N2/E2

MADE IN VANCOUVER, CANADA

 PROJECT: Fairchild - Hoover **HOLE NO.** AV94-7

DEPTH (m)		% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION
180.0			fH			
181	3.0 / 3.05	98				
182	182.27			20°	$S_1 = S_0$	
183	3.08 / 3.05					
184		101		65°	Ca-Gyp-CP	
185.0	185.32			10°	$S_1 = S_0$	185.82. - S_2 development visible in Tø layers. ←70°
186	3.05 / 3.05				~40° bright Salmon coloured K-spar vein	186.55 m - network of vein/bx matrix composed of Gypsum, Ca, Qz, CP and biotite/phlogopite.
187		100	OFH			
188	188.37				187.25-243.92	Biotite - feldspar Hornfels - less f-spar altered - dark brown - grey. - buff-coloured alt'n originating from fracture envelopes. - fine grained brown colour may be biotite or tø. Black Tø alteration is common in crackle bx'd - veined areas, also clots of brown/black biotite are occas. in Ca-Ser rich layers and veins.
189	3.05	100				
190.0						
191	191.41			25°	$S_1 = S_0$	
192						
193	2.98	98				
194	194.46			30°		
195.0	3.12			50°	Ca-Ser-Qz-CP veins.	
196		102		20°	$S_1 = S_0$	
197	197.51					
198	2.83	93				
199						
200.0	200.56					
201	2.93	96				
202						
202.9						

ALTERATION: Fd A | CB B | Ms/Ca C | Tø D | Bi/Tø E

RQD / FRACTURE INTENSITY: 83; 84

VEIN QTZ. | Mag

10. / 12.

191.3

18. / 21.

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x 10^{-5}	SCIN BKNC 60-8
								3x7	90
		181.0	182.50	1.50	901	<5	121		
		182.50	184.0	1.50	902	<5	279		
								-3x60 -3x30	
		184.0	185.32	1.32	903	<5	992		
185.32 - 187.0 m - ¼ to ½ % CP as blebs in veins and fractures		185.32	187.00	1.68	904	30	2690		
187.25 - 243.92 m Finely disseminated Py + minor CP and spec hem disseminated concentrated in carb-serict layers. Magnetite diss, blebs and veins occur preferentially in carb-serict rich areas. CP as blebs and veins in Ca-serict ± Qz, K-spar, Py veins/ bx matrix.		187.0	188.50	1.50	905	<5	60		
		188.50	190.0	1.50	906	<5	142		
								-4x15 -4x10	
		190.0	191.50	1.50	907	<5	433		
		191.50	193.0	1.50	908	<5	602		
191.15 m - Mx CP + tr Py in Ca-Qz veinlets sub parallel to $S_1 = S_0$. Make up ~ tr to ¼ % over 25 cm.								-3x70	
		193.0	194.50	1.50	909	20	474		
		194.50	196.0	1.50	910	<5	306		
		196.0	197.50	1.50	911	<5	100		
		197.50	199.0	1.50	912	<5	597		
								-3x80	
199.25 m - CP blebs in Ca-Ser- ict layer? vein? - tr to ¼% over 25 cm		199.0	200.50	1.50	913	<5	1095	3x30	
		200.50	202.0	1.50	914	<5	778	-4x20	
								-3x80 -4x20 -4x20	
		202.0	203.50	1.50	915	<5	580	-3x20	

MADE IN VANCOUVER, CANADA

PAGE 19 OF 36	PROJECT: Fairchild – Hoover	HOLE NO. HU94-7

Column headings: DEPTH (m) 202.5 | % CORE REC | LITHOLOGY | STRUCTURE | GEOLOGICAL DESCRIPTION | ALTERATION: Fd A, CB B, ms/cl C, Tø D, Bi/Tø E | RQD / FRACTURE INTENSITY | VEIN QTZ. | Mag

DEPTH (m)	Run / Recovery	% CORE REC	STRUCTURE	Notes	GEOLOGICAL DESCRIPTION	RQD	Right margin
203							
	203.60		20°				
204	2.88	94		S1=S0			
205.0							
206			30°				
	206.65			S1=S0			
207	3.05	100					
208			70°	Ca-Ser-K-spar Qz-mx Mag + diss. CP			
209			Δ Δ				
210.0	209.70		Δ Δ Δ Δ				
211	3.08	101	55°	55° – 5cm wide Ca-Qz-Ser + tr CP			
212			40°	S1=S0	212.21 – 212.34 m – Ca = Qz – Gypsum Sericite – tø – vein at 045° w clots of brown biotite and 1% bleb of mx CP.		
213	212.75		45°				213.0
214	3.09	101	Δ Δ		213.75 – 214.30 m Qz-Ca, Gyp, tø vein/bx, tr CP in first half, 3-4% CP over 15 cm at bottom.		
215.0			Δ Δ			83	3.65 / 4.4
216	215.79						
217	3.0 / 3.06	98	38°	S1=S0			217.45
218							
219	218.85						
220.0	2.00 / 2.13	94				68	8.30 / 12.2
221	220.98						
222	2.11 / 2.13	99	45°	S1=S0			
			70°	Ca-sulph-Qz + specular hem, CP blebs.			
223	223.11						
224	1.42 / 1.22	116					
	224.33						
225.0							

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Depth	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppb			MAG SUSCEPT SIx10^-5	SCINT BKND 60-8
202.5												
203											3X2	90
			203.50	205.0	1.50	916	<5	656				
204	204.66 - 204.72 - tr cp blebs in veinlet/bx zone.											
205.0		■	205.0	206.50	1.50	917	10	290				
206			206.50	208.0	1.50	918	<5	318				
207											3X30	
208			208.0	209.50	1.50	919	<5	142			4X20	
											3X40	
209			209.50	211.0	1.50	920	15	574				
210.0												
211			211.0	212.50	1.50	921	20	582				
212			212.50	213.75	1.25	922	20	1015				
213	214.15 - 214.30 m - 3% cp + tr py as blebs and mx in veins.		213.75	214.75	1.0	923	85	3490				
214		■	214.75	216.50	1.75	924	15	440				
			Standard	G02-21		925						
215.0											3X20	
216			216.50	218.0	1.50	926	10	303				
217												
218			218.0	219.50	1.50	927	<5	61				
219			219.50	221.0	1.50	928	<5	53				
220.0												
221			221.0	222.50	1.50	929	<5	181				
222			222.50	224.0	1.50	930	<5	113				
224	224.25 - 225.25 m - tr to 1/4 % finely diss. py w/ tr cp and specular hem diss. in green carb-ser/cl-rich section.	■	224.0	225.50	1.50	931	<5	97				
225.0												

N2/E2

MADE IN VANCOUVER, CANADA

 PROJECT: Fairchild - Hoover HOLE NO. HV94-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION Fd A	CB B	ms/cl C	Tø D	Bi/tø E	RQD FRACTURE INTENSITY	% VEIN QTZ.	Mag
225.0		bFH	55°	Ca vein, Hem ..., Ser ± K-spar selvage.									
226													
227 4.13/3.96	104												
228													
228.29													
229			30°	$S_1 = S_0$									
3.10/3.05	102										229.6		
230.0													
231													
231.34													
232													
3.02													
233	99		40°	Ca-Qz-Ser-Gyp-CP, Py									
234					235.48-236.09 m - vein/bx matrix zone w Ca-Qz-Ser-kspar gypsum - tø, but no CP or Py.								
234.39													
235.0													
2.99	98		Δ Δ										
236			Δ Δ								98		
237													11.8/13.0
237.93			35°	$S_1 = S_0$									
238													
3.07	101												
239			20°	$S_1 = S_0$									
240.0													
240.48													
241													
242	100												
243				243.92 - 282.0	Feldspar Hornfels. - more intense f-spar alt'n, often strong buff-green / black tø layering						243.		
243.54													
244		FH	30°	$S_1 = S_0$									
	100				- Ca ± Qz, k-spar, Gyp, ser/cl, Biclots stockwork more common. Veins often pure, coarsely xt'n calcite.								
245.0													
246					- mineralization weak, infrequent CP webs assoc. w Ca-stockwork.								
246.58													
247					- intersect Ca veins generally between								
247.5			20°	$S_1 = S_0$	40° and 70° t.c.a.								

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x 10⁻⁵	SIN BKNG 60-80
		225.50	227.0	1.50	932	<5	150	3x2	90
		227.0	228.50	1.50	933	<5	159		80
		228.50	230.0	1.50	934	15	232	3x20	
		230.0	231.50	1.50	935	10	364		
		231.50	233.0	1.50	936	50	2130		
232.95m. - CP > Py as blebs in small, undulating Ca-Qz-Ser-Gyp vein.		233.0	234.50	1.50	937	20	384		
		234.50	236.0	1.50	938	20	282		
		236.0	237.50	1.50	939	15	639		
236.75 - 236.90m - tr to 1% CP as diss. blebs and replacing Ca-Sericite-Qz veins. Diss. spec. hem trace		237.50	239.0	1.50	940	<5	67	3x20	
								3x40	
		239.0	240.48	1.48	941	20	417		
		240.48	242.0	1.52	942	<5	132		
		242.0	243.50	1.50	943	<5	93		
243.92 - 282.0 - Weak mineralization in fragment CP blebs w Ca stockwork.		243.50	245.0	1.50	944	10	141		
		245.0	246.50	1.50	945	<5	17		
		246.50	248.0	1.50	946	<5	10		

MADE IN VANCOUVER, CANADA

T.S. 251.0m

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	MAG
247.5												
248	99											
249												
250.0	100											
251				251.0 m - greenish f-spar laths growing in tp layer? - make thin section.								
252			20° $S_1 = S_0$									
253	99											
254												
255.0												
256												
257			10° $S_1 = S_0$									
258	100											
259												
260.0			35°	Ca-Qz-Sec -								
261	96		85°	bi/phlog clots								
262			30° $S_1 = S_0$	260.45 m - $S_1 = S_0$ change from 30° to 45° at a thin fracture. - rotation of blocks.								
263	96		45° $S_1 = S_0$									
264												
265.0												
266	96											
267												
268			30° $S_1 = S_0$									
269	79											
270.0												

PAGE 24 OF 36	PROJECT: Fairchild-Hoover	HOLE NO. HU94-[illegible]

Depth	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			Mag suscept SI x10^-5	SCIN BKNx 60-80
247.5												
248			248.0	249.50	1.50	947	<5	18			3x0	80
249			249.50	251.0	1.50	948	<5	18				
250.0												
251			251.0	252.50	1.50	949	<5	91				
			standard MS3-6			950	980	.26				
252			252.50	254.0	1.50	951	<5	20				
253			254.0	255.50	1.50	952	<5	38				
254												
255.0			255.50	257.0	1.50	953	<5	17				
256												
257			257.0	258.50	1.50	954	<5	16				
258			258.50	260.0	1.50	955	<5	18				
259												
260.0			260.0	261.50	1.50	956	<5	56			-4x15	
261			261.50	263.0	1.50	957	20	15				
262											-3x60	
263			263.0	264.50	1.50	958	<5	22				
264			264.50	266.0	1.50	959	<5	23				
265.0												
266			266.0	267.50	1.50	960	<5	23				
267			267.50	269.0	1.50	961	<5	17				
268											2x5	
269			269.0	270.50	1.50	962	<5	16				
270.0												

MADE IN VANCOUVER, CANAD

T.S. 283.15

 PROJECT: Fairchild-Hoover **HOLE NO.** HU94-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	Garnets	ALTERATION A (Fd)	B (CB)	C (ms/cl)	D (Tø)	E (Bi/tø)	FRACTURE INTENSITY (RQD)	% VEIN QTZ.	Mag
270.0														
271														
272	87											77		
273														
274			40°	S_1=50										
275.0														
276	100		45°	S_1=50								92		
277														
278					- layering/foliation rotates or bends									
279	97		80°	S_1=50	during intervals of Ca-Ser.							81		
280.0			25°	7cm Ca+minor Ser vein - unmin.	280.90. Crenulations on fracture surface - 020° t.c.a.									
281			75°	S_1=50										
282	97	bcgH	80°	282.0-308.30	Biotite-carbonate-garnet hornfels.							81		
				S_1=50	- grey to brown siltstone/ biotite layers alternating w/ salt and pepper carbonate - bi/tø ± ser or chl layers.									
283														
284	96				- carbonate layers contain abundant red garnets and clots of garnets, as well as							82		
285.0			45°	S_1=50	abundant fine disseminations of Py, Pø, and tr diss CP.									
286					- the more competent biotite layers are sometimes deformed, broken,									
287														
288	94		35°	S_1=50	folded, and have ladder tension gashes eg. @ 285m  040°							68		
289														
290.0					- protolith was probably a dolomite-siltstone									
291	102		60°	S_1=50	- weak feldspar alteration ?a biotite-siltstone layers.							84		
292					- generally weakly fractured									
292.50					with Ca filling fractures.									

 PROJECT: Fairchild-Hoover HOLE NO. HU94-

Depth	MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			MAG SUSCEPT SI×10^-5	SCIN BKNL 60-8
270.0			270.50	272.0	1.50	963	<5	24			2×5	80
271												
272			272.0	273.50	1.50	964	<5	10				
273			273.50	275.0	1.50	965	<5	13				
274												
275.0			275.0	276.50	1.50	966	<5	11				
276			276.50	278.0	1.50	967	<5	11				
277												
278			278.0	279.50	1.50	968	<5	11				
279			279.50	281.0	1.50	969	10	8				
280.0												
281			281.0	282.50	1.50	970	<5	14				
282	282.0 – 308.30 Very finely disseminated Po + Py and minor CP prefer. in Ca + bi ± Sericl layers. Po sometimes as blebs, occasionally CP blebs. Overall occurance together is tr to 1/4 %.		282.50	284.0	1.50	971	<5	54				▽ 90
283–284			284.0	285.50	1.50	972	<5	19				
285.0			285.50	287.0	1.50	973	<5	402				
286											+2×60	±150 90
287			287.0	288.50	1.50	974	<5	498			+3×40	
288			288.50	290.0	1.50	975	<5	472				
289–290.0			290.0	291.50	1.50	976	<5	424				
291			291.50	293.0	1.50	977	<5	425				
292											▽	▽

N2/E2

MADE IN VANCOUVER, CANADA

PROJECT: Fairchild-Hoover

HOLE NO. HU94-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	Garnet	ALTERATION A (Fld)	ALTERATION B (CB)	ALTERATION C (ms/cl)	ALTERATION D (TØ)	ALTERATION E (Bi-TØ)	RQD FRACTURE INTENSITY	%-VEIN QTZ.	Mag
293		bcH		– carbonate-bi/TØ-ser/cl layers decrease in size and frequency from 294.75m-308.30, bi-layers get darker brown/grey – maybe biotite or chlorapitite.									
294	97										89		
2950			40° S1=S0										
296				– Carbonate layers sometimes contain fish or needle shaped black crystals which are probably TØ, not sure if all black/brown dots/clots in carbonate are TØ or bi.									
297	98										87		
298													
299			40° S1=S0										
3000	100										92		
301													
302													
303	100										80		
304													
305.0													
306	97										74		
307			20° S1=S0										
308				308.30 – 345.0 Biotite-Feldspar Hornfels – generally similar to above unit except: – more f-spar alteration, more mineralization, especially more CP, but less PØ. – more fractured and veined w Ca ± Qz – Gyp – Kspar – ser/cl – bi clots – cp, py, fluorite veins – no garnet except for small sections.									
309	97	bcH									85		
3100			15° Ca-ser-Qz-CP										
311													
312	100										87		
313													
314			35° S1=S0										
3150													

PAGE 28 OF 36 | PROJECT: Fairchild-Hoover | HOLE NO. HU94-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x 10⁻⁵	CONV ELEC 60-8
								2x5	90
		293.0	294.50	1.50	978	<5	508		
		294.50	296.0	1.50	979	<5	1105		
		296.0	297.50	1.50	980	<5	458	2x40	
		297.50	299.0	1.50	981	<5	1.5%	3x15 2x20 2x30	
		299.0	300.50	1.50	982	<5	116	2x40	
		300.50	302.0	1.50	983	<5	57	2x70 3x10 2x20	
		302.0	303.50	1.50	984	<5	45		
		303.50	305.0	1.50	985	<5	93		
		305.0	306.50	1.50	986	<5	74		
		306.50	308.0	1.50	987	<5	60	2x20	
308.30 - 345.0 ¼ - ½ % cp as diss, blebs, and mx w sections of 1-2% cp. Py diss and blebs 1-5% tr to ¼%. Tr diss. Po., mag. spec hem. - Mineralization assoc. w carbonate layers and w Ca-Qz etc. veining.		308.0	309.50	1.50	944	<5	176		
		309.50	311.00	1.50	989	90	2540		
		[illegible]	312.50		140			2x40	
		311.00	312.50	1.50	990	25	803	3x30 2x20	
		312.50	314.0	1.50	991	<5	108		
		314.0	315.50	1.50	992	150	4970	2x40 2x10 3x20	
								3x45 3x20	

MADE IN VANCOUVER, CANADA

PAGE 29 OF 36	PROJECT: Fairchild - Hoover	HOLE NO. HV94-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION: Fd A	CB B	Ms/cl C	Tu D	Bi E	FRACTURE INTENSITY (RQD)	% VEIN QTZ.	Mag
315.0	97	bfH	50°	9cm wide Ca-Gyp-Qz-CP-K-spar-Ser.							93		
	99		20°	$S_1=S_0$							81		
			40°	4cm wide Ca-Qz vein w serlcl selvages and ~1cm wide Mx CP in center w minor py.									
320.0	92		45°	$S_1=S_0$							80		
				35° Ca-ser/cl + blebs of CP.									
323	98										75		
324													
325.0													
326			30°	Ca-Qz-Gyp-Ser/cl									
327	94		45°	$S_1=S_0$							80		
328													
329													
330.0	99										91		
331													
332	100				332.65m - 						98		
333			60°	Ca-Qz-K-spar-Bi clots, CP blebs, Ser/cl.	$S_2 = 70°$								
334			40°	Qz-Ca-Bi-CP-Ser vein - Bi clots thick selvage - CP altering to-from Bi?	Qz vein or comp. layer folded, bi-selvage on one side.								
335.0	97		45°	$S_1=S_0$							86		
336													
337													
337.5		↓											

PAGE 30 OF 36 | PROJECT: Fairchild - Hoover | HOLE NO. HV94-

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x 10⁻³	SCIN READ 60-80
		315.50	317.0	1.50	001993	60	1640	2x20 2x5	90
		317.0	318.50	1.50	001994	15	582		
318.58 - 318.63m - 3% Mx cp over 25 cm. Mx cp in centre of 4cm wide Ca-Qz vein, minor alteration to (?) py.		318.50	320.0	1.50	1995	40	1590		
								3x30 2x20	
		320.0	321.50	1.50	1996	80	2120		
								2x40 3x50	
		321.50	323.0	1.50	1997	140	3260	3x20	
								2x80	
		323.0	324.50	1.50	1998	125	3590	2x40 2x70 2x50	
		324.50	326.0	1.50	1999	90	3270		
		STANDARD G-2			2000				
		326.0	327.50	1.50	2001	100	3300	2x50 3x10	
		327.50	329.0	1.50	2002	155	2920	2x30 2x20	
		329.0	330.50	1.50	2003	110	2680	2x5	
		330.50	332.0	1.50	2004	60	2010	3x30 3x50 3x20	
		332.0	333.50	1.50	2005	250	3470	2x40 2x10	
		333.50	335.0	1.50	2006	165	5800		
		335.0	336.50	1.50	2007	60	4190		
		336.50	338.0	1.50	2008	10	211	2x30 3x60	

MADE IN VANCOUVER, CANADA

T.S. 345.45.

PROJECT: Fairchild - Hoover

HOLE NO. H194-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	Garnet	ALTERATION Fd A	CB B	MS/Cl C	Tø D	Bi E	RQD FRACTURE INTENSITY	% VEIN QTZ.	Mag
337.5–341	100	bfH	47° $S_1 = S_0$	337.7-341.0 m - Layers are less altered, light grey and softer - less bi and fspar? - Ca-Ser layers are needle-shaped tø xtal, red garnets, and diss Py w̄ tr diss CP.							99		
341–345	100		70° Ca-Qz-Gyp-K-spar-Ser/cl CP, PY; 30° $S_1 = S_0$; 70° purple Ca-Qz-fluorite-CP vein.								89		
345.0	99	fbH	90° Ca-Qz-CP.	345-398.98 feldspar-biotite Hornfels. - higher f-spar alteration - more crackle bx'd, bx'd and veined, compositional layering is frequently obscured by fracturing or f-spar alteration.							97		
348	99			- feldspar/biotite/quartz has a greyish brown colour suggesting very fine grained brown biotite or phlogopite.							97		
350.0	98			- Ca ± Qz, k-spar, Gyp, fluorite, Ser/cl, CP, Py, mag vein/bx matrix frequently has brown biotite clots as selvages and as clast rims. Tø bands/selvages/clast rims are rare, although a t.s. analysis may be needed to determine if there is brown tø.							95		
354	92			- discrete veins generally are at 60-90° t.c.a. - when $S_1 = S_0$ is visible it is generally at ~15° t.c.a. - lighter alteration as fracture envelopes or pervasive - K-spar and/or Qz?							51		
357–360.0	91	↓	10° $S_1 = S_0$								62		

PAGE 32 OF 36	PROJECT: Fairchild - Hoover	HOLE NO. HU94-7

Depth	MINERALIZATION DESCRIPTION	FROM	TO	WIDTH	SAMPLE NUMBER	Au ppb	Cu ppm	MAG SUSCEPT SI x10⁻⁵	SCINT BK ND 60-80
337.5									
338	337.7-341.0m - tr-1/4%.							2x5	90
	diss Py and tr diss CP	338.0	339.50	1.50	2009	<5	148		
339	preferentially in Ca-Ser-td								
	layers.	339.50	341.0	1.50	2010	5	72		
340.0								3x15	
341		341.0	342.50	1.50	2011	85	2280		
342		342.50	344.0	1.50	2012	60	2270		
343	Scint highs at 342.74 and								400
	343.45m, - no visible								290
344	brown staining.	344.0	345.50	1.50	2013	110	4470	2x30	
345.0		345.50	347.0	1.50	2014	120	3700		
	345.25-345.60 - 4% diss and								
346	blebby cp in Ca-bi/td-ser								
	layers, tr Py.	347.0	348.50	1.50	2015	65	2480	3x15	
347.0	345.0 - 398.98							1x5 / 1x80	
348	- 1/4-1/2% CP as diss, blebs and	348.50	350.0	1.50	2016	45	2130	1x5	
	mx in vein/bx matrix - frequent								
349	intervals of ~1% CP.								
	- tr Py and tr magnetite							1x80	
350.0	blebs in vein/bx matrix,	350.0	351.50	1.50	2017	50	1320	2x20	
	Pd may be present in very							1x15	
351	trace amounts or may be absent.	351.50	353.0	1.50	2018	130	2520	2x50	
352									
353		353.0	354.50	1.50	2019	60	1980		
									100
354		354.50	356.0	1.50	2020	45	2160		
355.0									
356.0		356.0	357.50	1.50	2021	50	3030		
357.0		357.50	359.0	1.50	2022	55	2330		
359.0		359.0	360.50	1.50	2023	25	1550		
360.0								1x70	

N2/E2

MADE IN VANCOUVER, CANADA

 PROJECT: Fairchild - Hoover HOLE NO. HU94-7

DEPTH (m) 360.0	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A Fd	B Cb	C Ms/Cl	D Td	E Bi	FRACTURE INTENSITY RQD	% VEIN QTZ.	Mag
361	93										82		
362													
363	97												
364			15°	Si = So							72		
365.0					364.50 - 3[illegible].25m [illegible] ox'd and [illegible] K-spar, Qz, Ca, [illegible], CP.								
366	98										83		
367													
368													
369	97												
370.0											73		
371													
372	99												
373											91		
374													
375.0	100												
376											94		
377													
378	99												
379											88		
380.0													
381	100		75°	Ca-Flu-Gyp-CP-Ser.									
382													
382.5													

PAGE 34 OF 36 | PROJECT: Fairchild - Hoover | HOLE NO. HV94-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x10⁻⁵	SCINT BKND 50-80
		360.50	362.0	1.50	2024	50	1300	-1x80 1x5 -2x20	100
		362.0	363.50	1.50	2025	35	1195		
		363.50	365.0	1.50	2026	35	868	-2x30	
		365.0	366.50	1.50	2027	55	1605		90
		366.50	368.0	1.50	2028	50	832	-3x30 -3x20	
		368.0	369.50	1.50	2029	30	1195	-3x60	
		369.50	371.0	1.50	2030	45	258	-1x20 -1x30	
		371.0	372.50	1.50	2031	85	569	-1x20 -1x10	
		372.50	374.0	1.50	2032	40	1845	-1x5	
		374.0	375.50	1.50	2033	30	1430		
		375.50	377.0	1.50	2034	60	1955	-1x10	
		377.0	378.50	1.50	2035	65	1730		
		378.50	380.0	1.50	2036	60	2650		
		380.0	381.50	1.50	2037	210	5650		
380.25-380.50m - 4% CP blebs in Weinlex matrix									
		381.50	383.0	1.50	2038	20	960		

MADE IN VANCOUVER, CANADA

PROJECT: Fairchild-Hoover

HOLE NO. H94-2

DEPTH (m) 382.50	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Fd A	CB B	Ms/Cl C	Ty D	Si E	FRACTURE INTENSITY (ROD)	% VEIN QTZ.	Mag
383										92		
384												
385.0	96									68		
386												
387												
388	97									64		
389			65°	Ca-Qz-Flu-Ser-cp								
390.0												
391	99									85		
392												
393												
394	100									81		
395.0												
396												
397	97									71		
398			90°	Ca-Ser-Qz-cp								
399				398.98 E.O.H.								
400.0												

PAGE 36 OF 36 | PROJECT: Fairchild - Hoover | HOLE NO. HV94-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	MAG SUSCEPT SI x 10^{-5}	SCINT BKND 60-80
								1x10	90
		383.0	384.50	1.50	2039	55	1250		
		384.50	386.0	1.50	2040	40	689		
		386.0	387.5	1.50	2041	35	3730		
		387.50	389.0	1.50	2042	20	762		
		389.0	390.50	1.50	2043	25	1045		
		390.50	392.0	1.50	2044	15	895		
		392.0	393.50	1.50	2045	55	1870		
		393.50	395.0	1.50	2046	40	918	1x40 1x30	
		395.0	396.50	1.50	2047	20	828		
		396.50	398.0	1.50	2048	15	823	1x5	
		398.0	398.98	0.98	2049	50	1025		
398.98 E.O.H.									

N2/E2

MADE IN VANCOUVER, CANADA

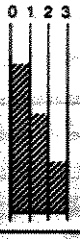
PAMICON DEVELOPMENTS LIMITED

DRILL LOG

RECEIVED OCT 21 1994 MINING RECORDER VANCOUVER, B.C.

PROJECT: FAIRCHILD - HOOVER	GROUND ELEV.: 560m
HOLE NO.: HV94-08	BEARING: 060°
LOCATION: HOOVER MAIN GRID 6925N / 4890E (CLAIM # YB 28692)	DIP: -50°
	TOTAL LENGTH: 157.89
LOGGED BY: MURRAY JONES	HORIZONTAL PROJECT: 105.0m
DATE: SEPTEMBER 9 TO 12, 1994	VERTICAL PROJECT: 112.0m.
CONTRACTOR: FALCON DRILLING	
CORE SIZE: NTW	
DATE STARTED: SEPTEMBER 8, 1994	
DATE COMPLETED: SEPTEMBER 10, 1994	
DIP TESTS: ACID TEST AT 154.84m (508') ERR'R ANGLE 5.3° TRUE DIP = 45°	

ALTERATION SCALE



absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

- Neotocite noted on fractures locally.

LEGEND

FD - FELDSPAR
CB - CARBONATE
MS - SERICITE
TM - TOURMALINE
MG - MAGNETITE
CA - CALCITE
CL - CHLORITE

STANDARDS
002080 - MS2
002125 - MS2

Note - Core stored at Copper Point on the Hat 153 mineral claim (NTS 106 D16)

RQD - ROCK QUALITY DESCRIPTOR

PAGE 1	OF 12	PROJECT: FAIRCHILD - HOOVER	HOLE NO. HV-94-8

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION FD A	CB B	MS C	TØ D	BI E	RQD / FRACTURE INTENSITY	% VEIN QTZ.	MG
0		OVB		0 - 31.17 CASING								
				- large talus boulders to start, which overly rounded pebbles and boulders of glacio-fluvial origin.								
30				- material representative of last 15 m of overburden in Boxes 1 & 2.								
	99	FqbH										
			45-52° sheared, QZ-CA-CA	31.17 - 52.60 FELDSPAR - QUARTZ - BIOTITE HORNFELS								
				- dark brown, FD-QZ-BI layers dominate, with lt green to cream QZ-CA-MS layers also t/o								
				- overall rock is very hard, other than CD-rich areas; tiny specks of leucoxene? in FD layers.						72		
35	98			- sporadic lt pink layers - banding - KF?								
			upper contact shattered zone	- CA occurs in veins and lt coloured layers - weak								
				- CA-QZ veins common - local bx matrix - BI dots occur within veins, also on selvages								
	95			- TØ occurs along layers of CA, MS, in particular								
				- fractures prevalent - minor offset of layers common								
				- usually w/ veinlets - CA, QZ, MS, CP, PY all common. - halos - lt cream to greenish envelopes						64		
			CS CA-CP seam	- S, is quite variable, minor folds exhibit								
				wispy fractures cross FD-QZ-BI layers, commonly								
40			QZ-CA-MS-CP	appear to be axial planar to minor folds								
	96		80; 89 TØ-QZ-CP	- late QZ-CP veins cut layers - earlier than CA veins								
			CP-QZ 78	34.78 - 39.70 - brecciation intensifies w/ fracturing.								
				TØ content increases, as does FD apparently as darkening in bx, replacing layers								
				- small shear/fracs occur, subparallel to C.A.								
	92			- frac's become intense - shattered? - in FD layers								
				- overall rock is med brown colour								
			50° - CP seam	- CA strong in fracs - moderate overall								
45			axial plane 30° axial plane	36.51 - 37.90 - shattered zone - sharp fracture contact upper side. - lower contact in bx'd rock irregular						72		
	91		51	42.97 - 46.20 - bx'n intensifies, TØ more prevalent in bx matrix and ... layers.								
			35 - BI-CA?-CP	46.20 - 51.55 - pinkish to grey-brown - FD alt'd hornfels - strongly frac'd, locally bx'd. TØ in fracs, minor layers.						57		
	94		60 TØ-CP	48.94 - 51.55 - intense frac, crackle brecciation. TØ increases.								
50												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			MAG SUSCEPT. (SI x 10^{-3})	SCINT (CPS)
										1x5-10	80-116 background
		31.17	33.00	1.83	002051	20	1015				
32.17 - 34.78 - +/- 0.25% CP, +/- py - as disem in QZ-CAMS layers, blebs in CA vns											
		33.00	34.78	1.78	052	15	434				
Pin CA-MS layers - part of retrograde alt'n?											
34.78 - 39.70 - 0.5-1% CP plus minor PY - as large blebs in CA veins/bx, small disem in veinlets		34.78	36.28	1.50	053	45	4050				
		36.28	37.78	1.50	054	125	3790				
		37.78	39.28	1.50	055	25	755				
		39.28	40.78	1.50	056	75	1880				
39.70 - 41.40 - +/- 0.25% CP - disem blebs in fracs, minor py.											
		40.78	41.78	1.00	057	40	1580				
41.40 - 46.20 - 1% CP, variable throughout section, locally massive wisps of PY - mostly large blebs in CA veins.		41.78	42.78	1.00	058	65	5950				
		42.78	43.78	1.00	059	150	6180				
43.60 - 1cm CP seam - roughly 50° to C.A.		43.78	45.28	1.50	060	25	940				
		45.28	46.78	1.50	061	25	1540				
46.20 - 48.94 - 0.25-0.5% CP, small blebs disem, mostly in fracture.		46.78	48.28	1.50	062	35	1100				
		48.28	49.78	1.50	063	25	804				
48.94 - 52.60 - 0.5-1% CP - as blebs in crackle bx matrix, fractures.		49.78	51.28	1.50	064	50	3590				

MADE IN VANCOUVER, CANADA

PROJECT: HOOVER

HOLE NO. HV-94-8

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION
50	94				
			15 - 33°		51.55 - 52.60 - strong CA veining in transitional zone from strong FD HNFLS. colour changes gradually from light brown to green-grey.
	99	BFH		52.60 - 71.94	QUARTZ - BIOTITE - FELDSPAR HORNFELS
					- CA, MS, CL are also present - possible altn.
					dark grey to greenish - whitish QZ-CA±HS layers give striped appearance to rock.
55					- CA strong as stringers, veins in QZ-CA layers - also
	94		35° - CP; 13 - 33°		- lt green layers have spotty texture locally - feldspar porphyroblasts? - w/ CL commonly
		CAKLEBX			- TØ? as blobs in bx matrix, CA in veins
					53.94 - 55.79 - bx - lt grey, calcareous matrix - clasts are dark grey-brown
	93				- CA, QZ, MS, TØ?, CL in bx matrix, w/ sulphides, trace BI, too
60					- HS in fracs
					- MG porphyroblasts, blobs occur in bx matrix, [illegible] layers.
			15 - 25°; 70 CA [illegible]		56.25 - 59.72 - FD altn more prevalent - lt tan to greenish brown - gradational contact above - sharp contact w/ calcareous bx below
	93				- crackle bx'd section, foln disrupted.
					- TØ, FD, CA in fracs - minor HS
					59.72 - 60.49 - CL altd section, w/ CA bx at top of interval
65	100	BFH			60.60 - 69.50 - MG common as porphyroblasts in CA veins/layers.
			15 [illegible]; 21; 45° - CA		67.13 - ~~71.94~~ : rock has slight greenish tinge - increase of CL content.
	102				- trace HS in fracs.
70			65; 51		
	97		15° - CA - CP		70.10 - 71.94 - bx'n (CA matrix) intensifies toward contact below - competency contrast?
	98	BFH		71.94 - 87.47	FELDSPAR - QUARTZ - BIOTITE HORNFELS

ALTERATION: FD (A), CB (B), MS/CL (C), TØ (D), BI (E); FRACTURE INTENSITY; RQD; % VEIN QTZ.; MG

RQD: 57, 94, 89, 96

 PROJECT: HOOVER | HOLE NO. H94-8

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			MAG SUSCEPT	SCINT
										1x5-10	80-110
		51.28	52.60	1.32	002065	140	5550			↓	↓
52.60-53.94 - 0.25% CP, minor PY as dissms, blebs in frac's, veins.		52.60	54.10	1.50	066	60	1645				
53.94 - 56.25 - 1-2% PY and Po (tr CP?) generally concentrated in bx matrix, calcareous layers - commonly w/ Mag (not Po)		54.10	56.08	1.98	067	25	702			3x10-20 ↓	
										3x55 3x65 1x20-40 ↓	
56.25-59.72 - 0.5-1.0% CP, minor PY in crackle bx'd sections - blebs in CA matrix		56.08	57.58	1.50	068	65	2450			1x5-10 ↓	
		57.58	59.08	1.50	069	55	2030			1x25	
		59.08	60.35	1.25	070	45	1565				
59.72 - 60.49 - 1% py, tr CP in bx'd, CL alt'd section		60.35	61.85	1.50	071	<5	94			2x20-40 2x65 ↓ 1x80-90	
60.49-63.05 tr. - 0.25% py, tr CP as dissms blebs in CA veins/layers		61.85	63.35	1.50	072	<5	148			1x100 ↓	
										1x90	
63.05-66.45 - 1% dissd py, 0.25-0.5% CP - generally in matrix of bx'd frags. - Po?		63.35	64.85	1.50	073	90	1490			2x80-85 2x20	
		64.85	66.35	1.50	074	20	569				
66.45-71.94 - 0.25-0.5% PY, dissd along foln. - tr CP?		66.35	67.85	1.50	075	<5	22			3x75	
		67.85	69.35	1.50	076	<5	99			2x75	
		69.35	70.80	1.45	077	10	590				
70.10-71.94 - 0.25% CP in fracs		70.80	71.94	1.14	078	<5	39			2x50	
71.94-81.82 - 0.5-1.0% CP - in blebs, aggregates dissms - mostly in CA veins, bx matrix		71.94	73.44	1.50	079	100	2450	150	3675	1x10-20 ↓	

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PROJECT: HOOVER

HOLE NO. HV94-8

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION FD A	CB B	MS/CL C	TØ D	BI E	FRACTURE INTENSITY / RQD	% VEIN QTZ.	MG
		Fgt4		71.94 - 87.47	FELDSPAR-QUARTZ-BIOTITE HORNFELS - CON'T								
					- dark brown to grey FD-QZ-BI layers dominant w/								
					small interlayers of QZ-CA-MS/CL-TØ?-BI								
	98				- FD-QZ-BI layers commonly								
75					- CA only along QZ-CA layers - none in darker								
			75 - offsets bedding		layers + and in veins/fracs								
			35 - QZ-CA-CP-PY		- TØ occurs in QZ-CA layers and in CA vein/bx matx						96		
			55 CA		- MS/CL - commonly selvages - assoc'd w/								
					ultragrade CA event apparently								
	97				- BI - weak in feldspar rich layers, also								
					as clots in Qt veins (not common).								
					- overall, bxn common in this unit								
78.64					71.94 - 75.35 - bxn quite intense - FD altn								
					greater? - lt colour overall								
80	91		55 fine offset bdg		- bx clasts commonly appear contorted								
81.08													
	96				81.82 - 83.16 - local bxn. lt pinkish tinge to								
					rock (FD3?)								
					- limonitic fracture zone near bottom of interval								
83.21	110												
85 (84.73)			30 CA								73		
	95		48 CA-TØ ⊥ to bdg										
			70 CA-PY-QZ vn										
87.78		Bsq4	S1	37 87.47 - 95.39	BIOTITE - SERICITE - QUARTZ HORNFELS (PHYLLITE)								
					- dark to light grey, narrow layers generally								
					- overall soft - no FD altn?								
	100		39 S1		- CL altn observed locally - clotty, too								
90					- weak to moderate pervasive silicate altn - CA								
					veins/bx matrix common								
90.83					- TØ - appears in CA veins - small clots								
					dark to light biotite-ser.-QZ layers w/ interlayers								
					of QZ-BI-MS? - TØ above may be amphibole(?)								
	91		40 CA vn 1.5 cm apparent offset		occurring as dark needles to stubby + tabular lt and								
					dk coloured layers								
			S1		- rock is very weakly magnetic locally PO?								
93.88			CA vn/frac set		93.88 - 95.00 - very broken ground, limonitic fractures								
	90				- fault? - low angle fractures to C.A.								
95													

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Au ppm	ASSAYS	ASSAYS	MAG SUSCEPT.	SCINT
71.94-81.82 - cont. but also along layers (mostly QZ-CA-TR) - particularly noted to 74.70 - possibly >1% CP		STANDARD			002080	MS2				1x10-20	30-110
		73.44	74.94	1.50	081	105	4310	157.5	6465	1x40	
		74.94	76.44	1.50	082	60	2130	90	3195		
		76.44	77.94	1.50	083	125	2670	187.5	4005		
		77.94	78.94	1.00	084	60	2260	60	2260	1x40	
		78.94	79.94	1.00	085	1790	7390	1790	7390		
		79.94	81.44	1.50	086	55	2100	82.5	3150		
		81.44	83.07	1.63	087	75	2580	122	4205		
81.82-87.47 - 0.25-0.5% CP in cracks + also 0.25% PY - generally disseminated - occasional blebs			-								
			-								
		83.07	84.57	1.50	088	10	931			1x20-40 2x20	
		84.57	86.07	1.50	089	40	803				
		86.07	87.47	1.40	090	10	288			2x40 1x75	
		87.47	88.97	1.50	091	<5	86			1x95	
87.47-95.39 - 0.25% PY - trace CP - generally as disseminations, locally as patches, along fabric, in QA veins		88.97	90.47	1.50	092	<5	25				
		90.47	91.97	1.50	093	<5	56			1x40-80 2x30	
		91.97	93.47	1.50	094	<5	52			2x25	
		93.47	95.39	1.92	095	<5	129				
										1x40-80	

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PAGE 7 OF 12	PROJECT: HOOVER	HOLE NO. HV-94-8

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	FRACTURE INTENSITY RQD
95		Dsg H				73
		FH				
	90			95.39 - 103.78	BRECCIATED FELDSPAR HORNFELS	
					- light greenish grey to tan coloured rock w/	
96.72					black streaks (TØ) - also lt grey layers -	
					QZ-CA-MS bands/veins, more irregular,	
			Acc.-controls CA vns		appear to be ...	93
					- rock varies from matrix supported bx	
	100				to weakly crackle bx'd sects (over short	
					intervals)	
100			S_1		- matrix consists of abundant CA w/ small QZ	
					and/or FD clasts, CL/MS, dissem'd sulphides	
					and minor FD	
	101				- local buff coloured zones (CB?) w/ whitish	
					porphyroblasts - (CB?) - CA strong	
					- very weak BI locally in FD Hnfls layers	
			48			
			25 mineralized fracs CP			
		FSCH	25		95.39 - 103.78 - bx dominates section; CA	
	97				matrix, w/ MS/CL, QZ±FD -	
105					100.93 - 102.00 - strongly crackle bx'd FD	
					hnfls; TØ quite ...	
				FD-MS-CA-BI HNFLS →	103.78 - 115.0 crackle bx'd feldspar hornfels	89
					- QZ-CA-TØ-CP-PI layers more obvious - MS	
					common through not prevalent in these layers	
			30° S_1		- MS/CL common in section assoc'd w/ fractures	
	100		60° Acc.-CA vn-w/CP		veins and in larger CA-rich layers	
					- feldspar rich layers show halos around	
					fractures - alteration of biotite?	
					- micro-bx common - vuggy QZ	
					- CB and/or FD porphyroblasts occur commonly in	
110					QZ-CA-MS layers.	
2.84	93		28° microbx layer		110.92 - 112.22 - limonite, malachite on fracs,	
			70° late vnlts - QZ-CA-MS-TZ - CB?		small fault zone - rubble around 112.00	
			?		to 112.20 - pink veins common - KF?	32
					112.22 - 115.00 - section is less disrupted	
			55° CA-QZ-MS vnlt		- CL more common - FD alt'n less	
	91				prevalent	
			40° S_1			
115						
		FQSCH		115.00 - 131.20	FELDSPAR-QUARTZ-SERICITE-CARBONATE HORNFELS	80
					- tan-buff to greenish grey, locally lt reddish	
	95				colour due to alt'n.	
					- TØ along layers, as selvages to QZ-CA-MS layers	
				concid in bxd section →	and within those layers and CA veins.	
					- lt grey QZ-CA-MS layers common - pinkish due	

ALTERATION: FD (A), CB (B), MS/CL (C), TØ (D), BI (E); %VEIN QTZ; MG

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			MAG SUSCEP	SCIN'
		95.39	96.90	1.51	0020960	<5	98			2x25	80-110 ↓
95.39-103.78- blebby CP and PY in bx matrix dominantly, but also late fracture fillings, veins 0.25-0.5% CP, 0.25-0.5% PY - a fair amount of very fgr. sulphide (py and cp) in bx matrix										2x20	
		96.90	98.40	1.50	097	55	2670			1X 10-20 ↓	
		98.40	99.90	1.50	098	25	1085				
		99.10	101.40	1.50	099	55	1960				
100.93-102.00 - 1-2% CP in TO altd section of hornfels											120
		101.40	102.59	1.19	100	95	2580				
		102.59	103.78	1.21	101	20	803				
103.78-115.00 - tr-0.25% CP as dissns and blebs - mostly along QZ-CA-MS layers and in CA veins		103.78	105.30	1.52	102	30	1065			1x10-30 ↓	80-100 ↓
		105.30	106.80	1.50	103	40	1590			1x80	
		106.80	108.30	1.50	104	30	982			1x70	
										1x60	
		108.30	109.80	1.50	105	40	1015				
		109.80	111.30	1.50	106	20	744				
		111.30	112.80	1.50	107	15	608				
		112.80	114.00	1.20	108	25	845				
		114.00	115.00	1.00	109	5	301			2X60 3x15	
115.00 - 120.85 trace CP as small dissns generally along layers - also in QZ-CA-MS.		115.00	116.50	1.50	110	20	654			1X5-15 ↓	70-90 ↓
		116.50	118.00	1.50	111	25	942				

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PROJECT: HOOVER | HOLE NO. HV-94-8

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	RQD FRACTURE INTENSITY
	95	Fspbt	40° S1		to KF or hematization?	
118.26					- rock is fractured at top of interval, but	
					not crackle bxd; minor offset of layers.	
2.53	98				MS/CL common in veinlets along fractures	
120					- 1 cm bxd QZ vein, filled by CA, TO, marks	
					top of unit	
120.85					120.85 - 131.20 crackle bxia present - very strong	
					from 124.40 on	
			22° frac.			
			50°			
	100		S1			
		STRONG	20°	upper contact CA vn	122.75 - 124.40 - large, coarsely crystalline	
				lower cnt bxd	→ CA vein - shallow angle upper contact	80
123.92					124.40 - 127.17 intense bxn, w/ TO, calcite	
			76°	frac CP	veining, KF-QZ w/ mx TO veining to 124.93	
125					- Hnfls altd to pinkish colour	
	100					
126.95			40°	limonitic frac, cuts off mineralization	127.17 - 130.00 crackle bxn, CA veining persist	
					but TO altn only moderate, mostly	
	92		40°	CA vn - limonite	in fractures, CL common frac also	
					- limonite on fractures	
130						
					130.00 - 131.20 - TO again strong w/ QZ-CA	
					bx matrix, HS present	
	94	Fspbt H				
			S1	131.20 - 157.89	FELDSPAR - QUARTZ - BIOTITE HORNFELS	
					- hard dark brown to tan rock - variably	
				QZ-CA-CP-HS or Mn?	altd by bleaching along fractures and	
133.05					veins.	
					- CA only in veins	
3.09	107				- no light coloured layers observed	
135			31° frac set		CA-QZ vns lower down. minor limonite	96
			65° CA			
135.94						
					136.90 - biotite seems to drop off in content	
					- colour change to tan to greenish grey.	
	100				- MS in frac.?, and CL.	
					138.11 - 138.63 - TO content increases around	
					small bxd section	
					- HS in frac. MS, lim	89
140	96					

ALTERATION: FD (A), CB (B), MS/CL (C), TO (D), BI (E); % VEIN QTZ; MG

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm			MAG SUSCEPT.	SCINT
										1X5-15	70-90
		118.00	119.50	1.50	002112	15	714				
		119.50	121.00	1.50	113	20	957				
120.85 - 122.75 - 0.5-1% CP - in fracs, small CA veins, blebs/disem.										1130	
		121.00	122.75	1.75	114	80	2210	140	3867.5		
122.75 - 124.40 - large masses (to 10cm) of CP+PY (60-40?) concentrated at the margins of the large calcite vein, but also within. 5-8% sulphide overall.		122.75	124.40	1.65	115	180	>10K	297	16500		
		124.40	125.90	1.50	116	50	5590	175	8385		50-70
124.40 - 127.17 - blebby CP, w/ minor PY, stockwork in CA veins, within cradle brec & hornfels - 2-3% CP overall, 0.5% PY		125.90	127.17	1.27	117	30	2430	38	3086		
127.17 - 131.20 - only minor (0.25%) blebby CP in cradle brec & hornfels		127.17	128.50	1.33	118	20	939				80-100
		128.50	130.00	1.50	119	10	750				
		130.00	131.20	1.20	120	15	706				
131.20 - 157.89 trace - 0.25% CP as blebs in @2-CA vns, disseminations (rare) - PY? - trace - local blebs		131.20	132.70	1.50	121	45	1595			1X10-70	80-90
		132.70	134.20	1.50	122	25	1380				
		134.20	135.70	1.50	123	60	1395				
		135.70	137.20	1.50	124	60	2210			1X75	
		STANDARD		MS2	125	140	107				
		137.20	138.70	1.50	126	20	1025				
		138.70	140.20	1.50	127	45	1575				

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION FD A	CB B	MS/CL C	TØ D	BT E	FRACTURE INTENSITY	%VEIN QTZ.	MG
140				139.96 - 150.09 - lt coloured, relatively soft core								
	96			- MS, minor BT - DO?								
				- FD minor, moderate locally			MS/CL			59		
				- pinkish CA-QZ-KF? veinlets common; - TØ-BT in veins								
				142.03 - 143.58 - CA matrix br - bleaching of core								
	98			TØ moderate to strong								
			15° limonitic fract.	- BT clots in CA matrix - strong								
145				144.99 - 145.15 - TØ - BT? alt'n of small brecciated section								
				146.04 - 147.08 - strong TØ alt'n, BT in veins/fracs								
	100			- CA-QZ-MS/CL dominates vein/br								
148.13			80° QZ-CA-MS w/ EP, PY									
	99			148.50 - 149.80 - numerous limonitic fracs, broken core locally						32		
148.74												
150			25° limonitic fract.									
	93		12° CA-QZ-MS	150.09 - 157.89 - strong FD, minor BT alt'n								
				- QZ - moderate to weak								
				- numerous narrow brec'd sections - TØ alt'n generally accompanies								
			40-45°	- pinkish bands - KF? - usually TØ overall, very heterogeneous zone								
	96			- trace specularite in br zones						94		
				± BT common as clots in br matrix, veins								
155			60° CA-TØ									
			55° fracs set									
	99											
				156.73 - 157.89 - brecciated section, TØ strong, also KF? - pinkish layers common								
				- BT in fractures, BR? in blebs - trace								
			157.89	END OF HOLE								
160												

PAGE 12 OF 12	PROJECT: HOOVER	HOLE NO. HV-94-8

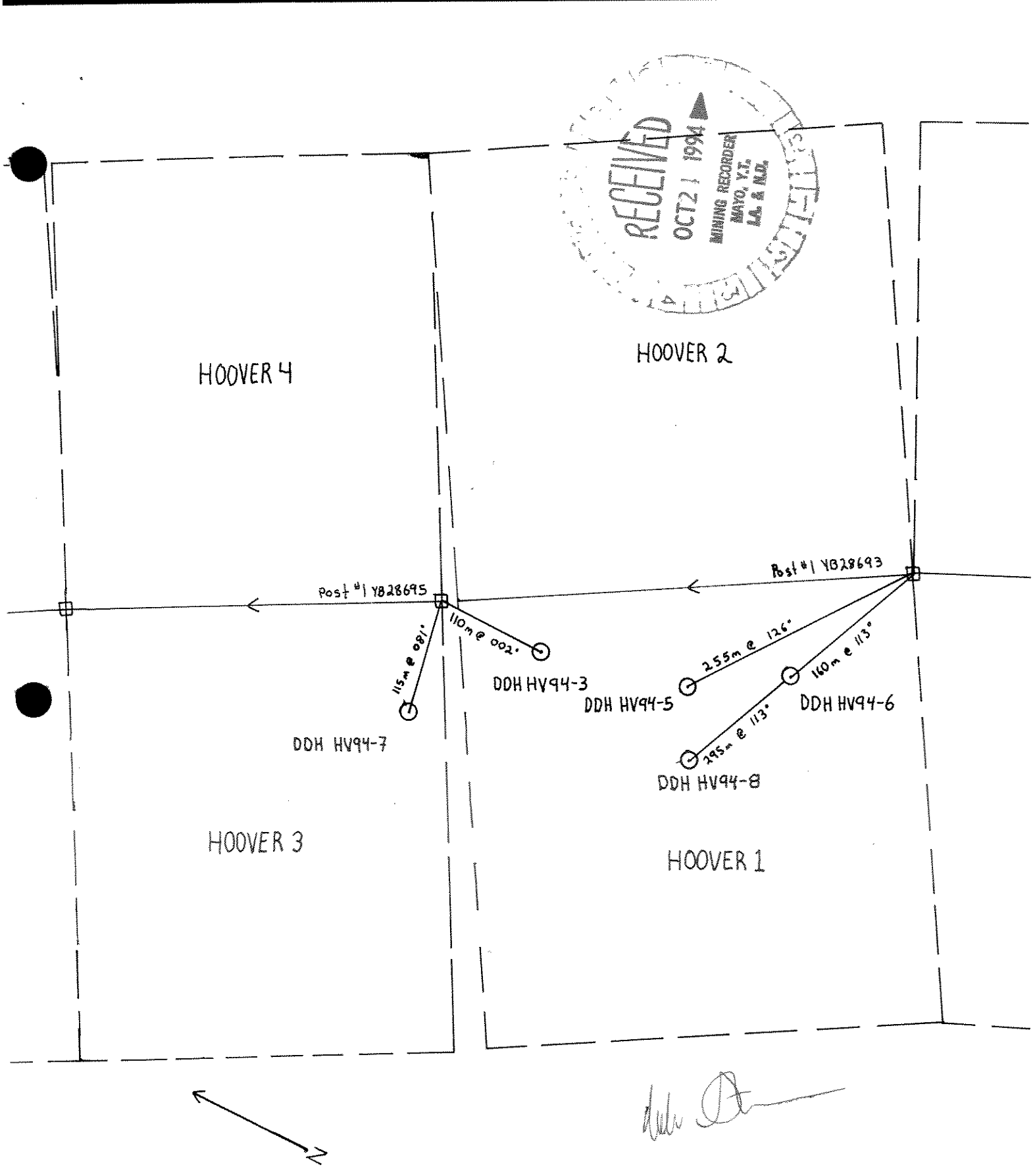
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS	ASSAYS	MAG SUSCEPT	SCINT
139.96 - 142.03 - 0.5% CP/PY as blebs in CA-QZ veins, dissem in rock.		140.20	141.70	1.50	002128	20	1160			1x5-20 ↓	80-100 ↓
142.03-143.58 - MC minor on limonite fracs 0.25-0.5% CP.		141.70	143.20	1.50	129	20	1015				
		143.20	144.70	1.50	130	15	1050				
		144.70	146.20	1.50	131	10	422			1x50	
		146.20	147.70	1.50	132	<5	390				
		147.70	149.20	1.50	133	<5	281				
		149.20	150.70	1.50	134	<5	322				
150.98 - 154.80 - 0.5-1% CP, minor PY as diss'd blobs, in fracs, vns. minor dissem along layers.		150.70	152.20	1.50	135	25	834				
		152.20	153.70	1.50	136	25	2550				
		153.70	155.20	1.50	137	65	2360				
		155.20	156.70	1.50	138	15	442				
		156.70	157.89	1.19	002139	<5	324			↓	

N2/E2

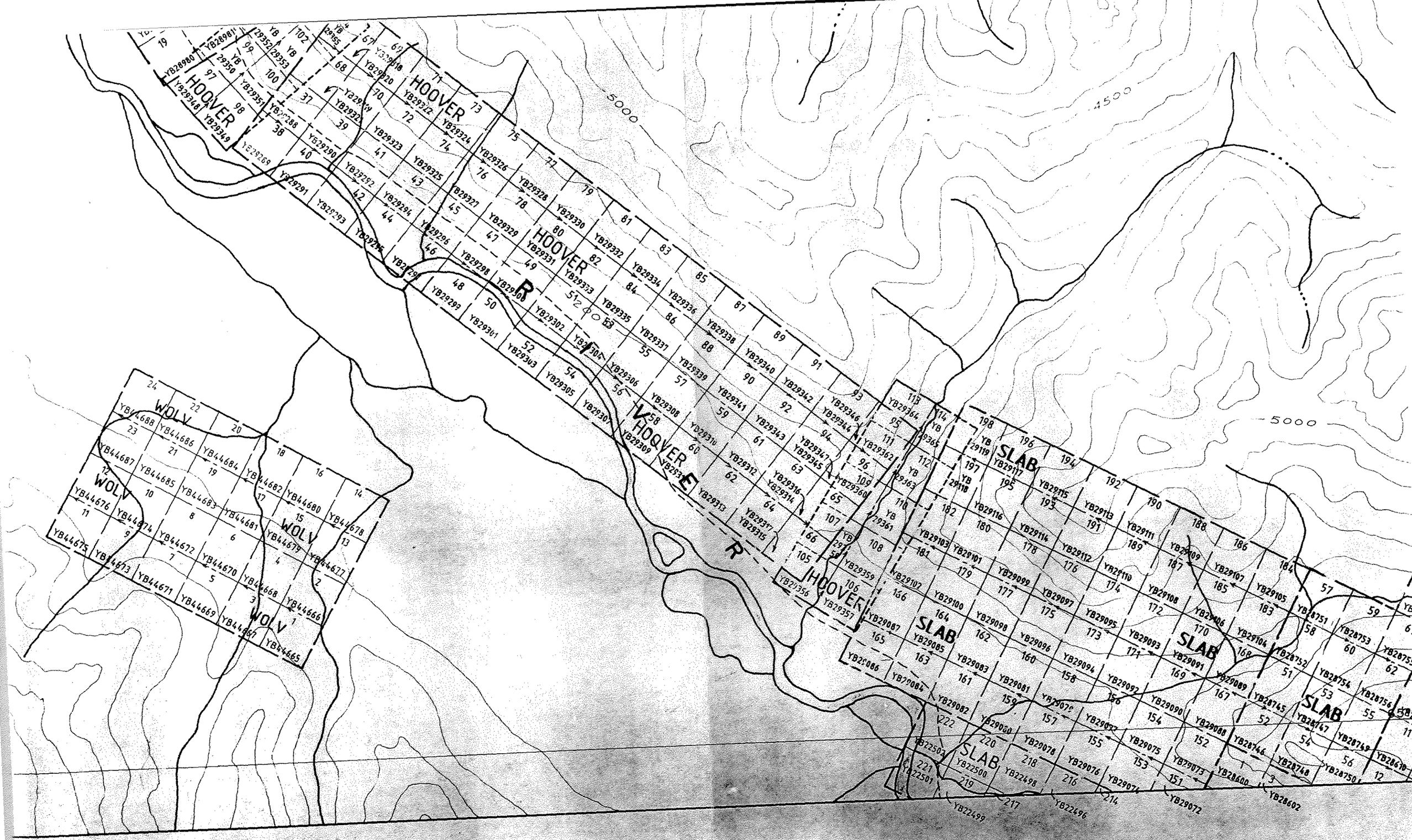
MADE IN VANCOUVER, CANAD

PAGE 13 OF | PROJECT: Hoover | HOLE NO. HV94-8

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
160											



Drillhole Location Map
Hoover Property.
Fairchild Project, Yukon
Scale 1:5,000 1994



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093223

DWG (2)


HOOVER
5000
5504
093223
DWG 1