JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

APRIL 861057

HOLE No. T1/1

SHEET No 1 of 3

GRID: —

Contractor: Driltor Industries, Vancouver

LOCATION: Lapil Island, QCI — BEARING: 270° — LATITUDE: — PROPERTY: April

DATE COLLARED: Oct 22, 1980 — LENGTH: ≈350' — DEPARTURE: — CORE SIZE: BQ — LOGGED BY: JSC, CH

DATE COMPLETED: Oct 25, 1980 — DIP: -60° — ELEVATION: — SCALE OF LOG: — DATE: Nov 10, 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
0-7' no core 0-265 ≈7-40 Grey, green rhyol. brx. sulphide matrix (+ tuff) frags. of banded rhyol. Box 1 ≈33' banding ≈45° to ca	Oxidation to ~24' sl. silic. locally – weak-mod. calcite veins ± fract. coatings – py-chy-carb-chlorite fract			≤10% av. 3-5% py	interfrag heavy py commonly v. fine gr.	≈30' Box 1	7 10 15 17 20 24 29 32 37.5							
≈40-100 Box 2 as above but with more light green coarse brx. text to lapp. tuff text. Box 3	– increased silicification ≈44' chl-py brx zone – ≈46' lighter green; spheroidal altn text. w. V.f. gr py rims – by 50', generally well silicified. – ≈61 banded at contact by 70' calchl. + epid on irreg fract.			2% dis 1% fract	≈67' streamed f.gr. py on irreg fract; short hlines throughout	Box 2	42 45 50 53.5 58 63			sample #'s next page				
Box 4 ≈100-115 as above, crush zone	– 76-84 mod calcite on fract. surf.; chloritic + epid. altn of matrix, o'wise well silicified & heavy orig SiO_2 content - rhyo – locally chloritic on irreg broken surface			2 1-2 1 <1	fract + dis py 68-76 76-84 by 95' py streaming and rimming frags. + v. fine-gr dis py	≈105' shearing 35-45° to ca Box 3	70 75 79.5 84 87.5							
Box 5 as above locally obliterated textures	– irreg-fract. with chl. altn. – mod. silic. – late mod. to strong carb altn			1-2 <1	veinlets + irreg fract. coatings to 136 weakly dis. py beyond 136	Box 4	92.5 98 100 105 110 115							
Box 6 lapp tuff + agglom mod + light green	increased chl-cal sl. to mod. silicification			<1 1-2	local py slips + irreg fract coatings irreg. dis. fgr py.	Box 5	120 125 130 135 140							
						Box 6	145 150 155 160							

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

T-1

GRID: ____ HOLE No. 1

SHEET No. 2 of 3

LOCATION: Aiguebelle Island QC | BEARING: 270° | LATITUDE: | PROPERTY: April

DATE COLLARED: Oct 22, 1980 | LENGTH: 350' | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: CH

DATE COMPLETED: Oct 25, 1980 | DIP: -60° | ELEVATION: | SCALE OF LOG: | DATE: Nov 10, 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS SAMPLE No.	Au	Cu	Mo		EST. GRADE
as above to 170'	as prev. (to 170')							80	7-17	Boc 1600					
Box 7							165	40	17-24	1					
170-174 green andes. dyke	mod. calcite					Box 7	170			2					
174-176 greyish green lapp tuff & agglom.							174	35	24-32	3					
							179								
							180	70	32-42	4					
								70	42-53						
176-187 mottley text.; crystal tuff(?)	diminished chlorite, weak carb			1	streamed + irreg fract py	} <2% py		95	53-63	5					
				1	dis; locally weak		185	95	63-70	6					
	chloritic & silicified (mod)					Box 8	190								
	mod. qtz veins, pods + assoc. py						195	95	70-79.5	7					
							200	95	79.5-90	8					
187-243 Grey green lapp tuff + agglom.							205	95	90-100	9					
							210	60	100-110	10					
						Box 9	215	90	110-120	11					
Box 8							220								
"				2-3	dis		225	95	120-130	12					
								95	130-140	13					
								99	140-150	14					
	weaker chloritic altn. generally silicified.							99	150-160	15					
Box 9							230								
" @ 204' 8" black matrix crush zone mylonite(?) w. brecciated							235	95	160-170	16					
				2-3	dis.	Box 10	240	95	170-174	17					
floating qtz-rhyolite frags.	altn increased vol. of qtz+py						245	95	174-180.5	18					
				2 (5%)	py dis throughout locally - strong veinlet py			98	180.5-190	19					
								98	190-200	20					
228-229 frag. of banded rhyolite	with stealers of hem. + py (conformable)							98	200-210	21					
Box 10				1	py on fract + frag rims + interstices and slips			99	210-220	22					
243-244 dyke?							255								
							260	99	220-230	23					
				1	dis.	Box 11	265								
244-251 darker green mottled text. med to f.gr. fragmental (matrix) with 0.5 to 1cm frags.							270	99	230-240	24					
								95	240-250	25					
				<1	slips			98	250-260	26					
	V. weakly silicified chloritic altn sl. increased			1	dis + blebs			95	260-270	27					
251-265'6" lapp tuff & agglom textures / @ 262 angul frags.	carb weak to mod.			<1	slips			90	270-280	28					
				1-2	dis. mod to weak			90	280-290	Boc 1629					

T-1

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

GRID: ____

HOLE No. 1
SHEET No. 3 of 3

LOCATION: Lytell 1s, QCI | BEARING: 270 | LATITUDE: | PROPERTY: Apru
DATE COLLARED: | LENGTH: 350 | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: CH.
DATE COMPLETED: | DIP: -60 | ELEVATION: | SCALE OF LOG: | DATE: Nov 10, 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG: Rock Type / Alteration / Footage / Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No. / Cu / Mo /	EST. GRADE
Box 11 265'6 - 332 V. light green massive, silicreous, locally banded rhyolite. Box 12	— may be altn facies (noted vol. brd text) weak calcite			<1 <1	V. weak to mod. py ____ dis. as f. gr. trace py veins + fract		275		290 - 300 310 - 310 320 - 320 330 - 330 340 - 340	80C 1630 1 2 3 80C 1634/5	
280-284 darker green	bleaching along py tic fract.			½ 2%	increasing % py to 288 as inj. fract. w. assoc bleaching	270-275 shattered text. sl. chloritic	Box 12 280 285 290 295				
284-332 Box 13 V. light green massive rhyolite (locally buff altn f'sp Ø)	bleaching along some py fract. weak carb. minor hi-ang qtz veinlets.			2 <<1	V. fine gr. py along w/line fract. + fine veinlets dis py		Box 13 300 305 310 315 Box 14 320 325				
Box 14 as above Box 15 332-350 lapp tuff.	"						330 335 340 345 Box 15 350				
similar to rock type at collar @ 336-337'6" mass. grn rhyolite (?) as above	mod. carbonate altn. — no silicn.			<1 <1	weak dis py weak dis py						
	350' EOH.										

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

T-1

GRID: ____ HOLE No. 2 SHEET No. 1 of 2

LOCATION: Lyell Island, QCI | BEARING: 300° | LATITUDE: | PROPERTY: April

DATE COLLARED: Oct 27, 1980 | LENGTH: 255' (77.7m) | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: CH

DATE COMPLETED: Oct 28, 1980 | DIP: -60 | ELEVATION: 295 | SCALE OF LOG: | DATE: Nov 11, 1980

ROCK TYPES AND TEXTURES (metres in brackets)	ALTERATION	GRAPHIC LOG: Rock Type / Alteration / Footage / Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	oz/ton Au	As		EST. GRADE
0 - 3'(.91) no core	oxid. to 45'(13.72) Fe_2O_3 + Mn ox			1-2	very fract sulphide (py) coatings.	casing = 7'	5		0-10	80C 1636				
3'(0.91) - 45'(13.72) Grey - green vol. brx rhyolite to light green by 45'(13.72)	3'(.91) - 25'(7.62) silicified 25'(7.62) silic^{d} + chlorite, carb. (13.72) to 45'(13.72) after 45'(13.72) sl decr in silic			1	f gr. dis py to 45'(13.72)	box 1	10 15 20 25 30		10-20 20-30 30-40 40-50	7 8 9 40				
← 45'(13.72) - 84'(25.60) locally banded local brx text (vol brx), commonly massive: obliit text (of orig. fine-gr.)	45'(13.72) - 84'(25.60) silicified weak carb. w. oblit text in v. light green perv. altn local weak chloritic altn			1-2	fine dis py	box 3	35 40 45 50 55 60		50-60 60-70 70-80 80-90 90-100	1 2 3 4 5				
	84'(25.60) - 89'(27.13) darker chloritic			1-2	py on slips & irreg. broken surfaces (interfragmental)									
← 84'(25.60) - 89'(27.13) vol. brx to agglom	89 - 96(29.26) V. light green. siliceous			2	fine dis. py (75(22.86) - 84(25.60)		65 70		100-110 110-120 120-130 130-139	6 7 8 9				
← 89'(27.13) - 96(29.26) v. light green massive as above				1-2	w. py on fracts.	box 4	75 80 85 90		138-149	50				
96'(29.26) - 147'(44.81) Vol. agglom & brx				3-5	96(29.26) - 101(30.78) heavy interfragmental py + fract. coatings	ground core + gouge 108 - 110(33.53)	95		149-159 159-164	1 2				
96'(29.26) - 116' Dark green agglom	weak to mod. carb. strong chloritic						100							
116'(35.36) - 130' agglom + brx.	- mod. carb, mod chl. / sl. darker green than "massive" unit (above)			2	py as dis fine gr	fault 111(33.83) - 112(34.14) box 5	105		164-175 175-185	3				
130(39.62) - 131'6" equigranular, fine gr light green						no core 112(34.14) - 115(35.05)	110		185-195	4				
131'6"(40.08) - 147'(44.81) Vol brx, crumbly broken	- chloritic + carb altn (mod)			<1	- - - - -	115(35.05) - 116(35.36)	115			5				
-138-139' v. light grn. massive				2-5	locally strong py to 147'(44.81)	no core 117(35.66) - 120(36.58)			195-205	6				
147'(44.81) - 164(49.99) V. light green. brx with agglom w. banded rhyol. frags. + py	weak to mod carb., weak chl.					120(36.58) - 126'3"(38.48)	120		205-215	7				
② 154'(46.94) crumbly	still silic; strongly chl			+/-2	147(44.81) - 154 (fract + loose dis (46.94)	134(40.84) - 136'6"(41.60) box 6	125		215-225	8				
						137(41.76) - 138(42.06)	130		225-235	9				
							135		235-245	60				
② 164'(49.99) darker green agglom - brx.	166(50.60) qtz vein 171'(52.12) - 172'(52.43) qtz vein w. assoc. py 175(53.34) py + qtz vein (talc) mod carb. altn.			~1	variable / most as med. gr. blebs in matrix	~158(48.16) gouge 7 box ~163(49.68) "	138 142 148 149 154		245-255	80C 1661				

AS 1584

JMT Services Corp.

8827 HUDSON STREET - VANCOUVER, B.C. V6P 4N1

GRID: ____

HOLE No. 2
SHEET No. 2 of 2

LOCATION: Lyell Island. BEARING: ____ LATITUDE: ____ PROPERTY: April

DATE COLLARED: Oct 27, 1980 LENGTH: 255'(77.72m) DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: CH.

DATE COMPLETED: Oct 28, 1980 DIP: -60° ELEVATION: ____ SCALE OF LOG: ____ DATE: Nov. 11, 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
164'(49.99) - 254'(77.42) Med to Dark green med. + coarse fragmentals	~177 → decrease in silicification increase in chloritic increase in carb. - to mod locally strong.					Box 8	159 164 169 174 175							
	9ft Vein + blebs + assoc py common. 214(65.23) decrease in carb.					9	200 205 210 215							
	by 220(67.06) appearance of mod. yellowish oxid. as fract coat. + blebs.					10	220 225 230 235 245							
254'(77.42) - 255'(77.72) Black-grey argillaceous sed. (cool. (frags)	255(77.72)E OH					11								

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8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

GRID: ____ HOLE No. 3 SHEET No. 1 of 2

LOCATION: Lyell Isl, QCI BEARING: 300° LATITUDE: ____ PROPERTY: ____

DATE COLLARED: Oct 28, 1980 LENGTH: 300'(91.44) DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: CH.

DATE COMPLETED: Oct 29, 1980 DIP: -80° ELEVATION: ____ SCALE OF LOG: ____ DATE: Nov 11, 1980

ROCK TYPES AND TEXTURES (metres in brackets)	ALTERATION	GRAPHIC LOG: Rock Type / Alteration / Footage / Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
0 - 4'(1.22) no core 4' - 67'6"(20.57) Grey volcaniclastic characterized by high vol. of banded rhyolite frags (poss some intercalated beds)	oxid^n to ~50'(15.24) silic^d to strongly silicified weak carb		.	2-3	py as fine dis. & on fract. coatings + inter-fragment. streams	Casing to 7'(2.13)		95 90 95 95 98	5-15 15-25 25-35 35-45 45-55	80C 1662 3 4 5 6				
67'6" - 104'(31.70) Gray-green to darker green vol. brx. to agglom. @ 98'(29.87) 1st appear. of frag of "light green massive unit"	silicified to 85'(25.91) mod carb. mod chlorite fract coatings @ 70'(21.33) qtz vein-pod 85'(25.91) - 95'(28.96) not silic^d.			2-3 1 <1	fine aggregate(streamed) dis. & gr. py fracts & slips.			99 99 98 98 98	55-65 65-75 75-85 85-95 95-105	7 8 9 10 11				
104' - 109'(33.22) lt. green, locally banded 109' - 6(35.36) soft matrix grey vol. brx. 116' - 121'(36.88) dyke	95' - 104'(31.70) silic^d fragmental. chloritized and carb. alt^d(mod)			1-2 5 2 1	wisp fract. w. py locally inter-fragmental streams and matrix dis. py / <1 in fract. (1/2)			98 98 90 40 85	105-116 116-122 122-133 133-139 139-151	72 73 74 75 76				
121' - 133'(40.54) Grey & green silceous fragmental w. frags of "massive lt. green unit"/banded rhyolite 133' - 139'(42.37) darker volcaniclastic 139' - 150( ) Light green locally & grey frags of banded rhyol common	silicified but weaker by 130'(39.62) silicified/mod. carb. mod to weak chlorite.			1 1-3 1-5	dis py locally strong fract py weak dis py	132' 6"(40.39) gouge bx 135'(41.15) ground core 139'(42.39) " "		90 90 95 90 98	151-158 158-165 165-176 176-180 180-190	77 78 79 80 81				
150' - 158'(48.16) f'sp Ø dyke (alt'd) 158' - 159'6"(48.62) clay alt'd gouggy Grey brx - agglom.	silic^d / clay alt'd			1 <1 1-2	fract py py. py	140'(42.69) - 160'(48.77) gouggy clay alt'n		98 98 98 98 98	190-200 200-210 210-220 220-230 230-240	82 83 84 85 86				
159'6" - 161'(49.07) grey brx								98 98 98 98 98	240-250 250-260 260-270 270-280 280-290	87 88 89 90 80C 1691				

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

GRID: _____ HOLE No. 3 SHEET No. 2 of 2

LOCATION: Lytell Isl Q21 BEARING: 300° LATITUDE: _____ PROPERTY: _____

DATE COLLARED: Oct 28, 1990 LENGTH: 300' (91.44) DEPARTURE: _____ CORE SIZE: BQ LOGGED BY: CH

DATE COMPLETED: _____ DIP: -80° ELEVATION: _____ SCALE OF LOG: _____ DATE: Nov 11, 1990

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
161'-167'(49.99) V. light green siliceous Vol. brxd.	mod. carb. altn			1-2	fract + dis py				230-300	80C 1692				
164'-176'(53.64) Grey-green coarsely fragmental/crumbly	silicified, chloritized			2	fract + dis py									
176'-180'(54.86) dyke/green aphanitic				<1	fract + dis py									
180-181(55.17) sibrid. to 161-164'														
181-200( ) " to 160-161	locally silic. but decr. sig by 195'			1-2	fract + dis py									
@ 200'(60.96) gouge	by 192'(58.52) mod carb alt (green frags of "lt green massive unit" scratchable)					probable sig. fault contact								
200-231(70.41) med green fragmented	chloritic (mod) carb. strong				sig lower py content									
231-236'(71.93) dyke, aphanitic	@ 220'(67.06) weakly silic'd. mod to strong carb.			<1										
236-300 (91.44) light green-grey to darker green augite flows (?)	strong carbonate			<1	dis. blebs / interfrag									
becomes darker green by 265'(80.77)	weak fract. epid.													

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

GRID: ____

HOLE No. 4
SHEET No. 1 of 5

LOCATION: Lyell Is. / Q.C.I. | BEARING: 148° | LATITUDE: | PROPERTY: April

DATE COLLARED: Oct 31, 1980 | LENGTH: 610' (185.9m) | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: CH

DATE COMPLETED: Nov 6, 1980 | DIP: -60 | ELEVATION: 255' (±) | SCALE OF LOG: | DATE: Nov 3, 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
0 - 10'(3.05) no core 0 - 32'(9.75) tuff brx; green-grey 32' - 70'(21.34) generally green mottled text/oblit'd lucts -	to 32(9.75) strongly oxid'd pervasively alt'd; silicified @ 33' cal + qtz zone 10cm at 40° @ 35-36' cal fracts more and less alt'd			5 1	to 29' dis py - v f gr. @ 35' f.gr., med gr. aggreg. + as fine stringers in qtz	Cased to 74'		66 10 80 90 80	10-18 -25 -34 -43 -54	80C1693 4 5 6 7				
frag boundaries indistinct frags of streamed tuff text. rare - uncommon py frags	(bedding?) calcite fracts 40° to 60° to ca @ 57-58(17.68) clay alt'n zone w. cal.				rare dis py py on fract - veinlet 40°			90 20 90 80 90	-60 -70 -80 -90 -100	8 99 80C1700 1 2				
70' - 75'(22.86) perv. alt. tuff brx py as med gr. aggregates 75-81' grey gouggy section	70-71 suffused calcite (veinlets) 75-76 " " " mod silic - clay alt'd matrix			1	med gr. aggregates @ 75'6" rimmed frags - py			90 60 <20 <20 >90	-110 -117.5 -125 -132 -143	3 4 5 6 7				
80-88: agillaceous fragments Vol. brx - grey-grn 81-85 broken, ground core 85-90 lost core - clay section 90-90'8" uncommon sulphide blebs + sulphide rimmed frags in brx	weakly + mod silic. 80-			2	@ 82 frags + veinlets py @ 90 frags + repl. py			90 85 70 >90 >90	-150 -160 -170 -180 -190	8 9 10 11 12				
90'8" - 99'3" light green pervasive alt'n lapp tuff 99'3" - 100' contact zone mottled text - Vol brx	local carb. fracts. strong carb alt/carb-lostin			1-2	py as med to f gr. repl. (?) + aggregates	lost core 105 - 110 (3' core) 110 - 115 (1' core) 117.5 - 130 (1.5' core)		>90 >90 >90 >90 60	-200 -210 -220 -230 -240	13 14 15 16 17				
100 - 200'8" lt green massive perv. comm'l banded sil. tuff py veinlets common	alt'n - yellow, waxy-app, epid on some fracts. generally well silic'd.			2	>108-111 py-qtz veinlets common	banding @ 102'1 30° to ca @ 104' <10° @ 108' 40° @ 110 10°		50 60 90 90 90	-250 -260 -270 -280 -290	18 19 20 21 80C1722				

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

GRID: ____ HOLE No. 4 SHEET No. 2 of 6

LOCATION: Lynell [illegible] BEARING: 148° LATITUDE: ____ PROPERTY: April

DATE COLLARED: Oct 31 1980 LENGTH: 610 DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: CH

DATE COMPLETED: Nov 6, 1980 DIP: -60° ELEVATION: 255 SCALE OF LOG: ____ DATE: 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS SAMPLE No.	Cu	Mo		EST. GRADE
@ 133', brx text. @ 135' 6" brx text. @ 136' " " " locally coarse fragmental + obliterated textures	silicified/suffused w. cal Box 5 130-153 local bleaching on pyfract walls				fract py as f.gr. xtllne masses common throughout	@ 137 Shear ?		>10 >90 >90 >90 >90	-300 -310 -320 -330 -340	80C1723 4 5 6 7				
@ 147 bedding-banding 30° to ca. @ 151-152' <5° to ca banding	@ 138' qtz cal fract @ 45° + py @ 152'6" cal-brx @ 45° late calcite veins common				locally strong py-qtz veinlets w. assoc. grey anal.			90 90 90 90 90	-350 -360 -370 -380 -390	8 9 30 1 2				
@ 163 brx'd cal matrix	qtz - py veinlets + fracts. are irreg & range <10 - 70° to c.a. barren cal veinlets Box 6 153-178' common network of irreg py veinlets comm.							90 60 60 60 90 >90	-399 -404 -410 -420 -430	3 4 5 6 7				
	NOTE: @ 178' increasing silic" - increasing size of qtz veins			1-2	average py content of massive lt. green tuff unit 80% fract 20 dis.	banding <10° to c.a			-440 -450 -460 -470 -480	8 9 40 1 2				
	+ increasing frequency barren carb veins decreasing to <2/ft. Box 7			2	generally increased py content				-490 -500 -510 -515 -520	3 4 5 6 7				
	178-198'6"			5 +	locally over 3' common py semi conformable veinlets				-530 -540 -550 -560 -570	8 9 50 1 80C1752				

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

GRID: ______

HOLE No. 4
SHEET No. 3 of 6

LOCATION: Lyell Island
BEARING: 148°
LATITUDE:
PROPERTY: April

DATE COLLARED: Oct 31, 1980
LENGTH: 610'
DEPARTURE:
CORE SIZE: BQ
LOGGED BY: CH

DATE COMPLETED: Nov 6, 1980
DIP: -60°
ELEVATION: 255
SCALE OF LOG:
DATE: 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG: Rock Type Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	ASSAY RESULTS: Cu	ASSAY RESULTS: Mo	ASSAY RESULTS:	EST. GRADE
200'8 - 216 Darker green vol brx. to agglom orig text somewhat obliterated.	chloritic, calcite veined Box 8 190'6-221 204 - 215 heavy carb.							@202', gouge @207' " " Box 9	225 230 235 240 250	>90 " " "	570-584 584-590 590-600 600-610	80C1753 4 5 6	✓			
216 - 312 greyish-green tuff brx + lapp tuff simil. to top part of hole	pervasively alt'd. 226 → grey clay alt'd w. sig. carb. (late)					1 1-2 1	@223' qtz-py 70° to ca " stringer 30° to ca mod + f.gr. dis as irreg veinlets + intergranular py dis, f.gr. + v f.gr. py	coherent core to 226' then increasing broken to 251'. Box 10 251 - 252 gouge FAULT	255 260 265 270 275							
@247 pink rhyo? frags Box 10 251-278	Box 9 221-251 @ 252 pink alt (hem?) + py					<1 >1 1-2	@ 240' @ 250'	240-245 (1' core) 255-258 (lost core) Box 11	280 285 288.5 294 297							
@258-265 lt. grey alt'd [illegible] tuff 265-268 green-grey agglom + brx	mottled, suffused w. carb. vns contempor.? fract + stockwork					1-2 1-4	f.gr. dis + rare py-carb veins.	Box 12	303 308.5 310 315							
@302, 304 dark green of argillaceous rk	@280' 2cm qtz vein chloritic zones pervasively alt'd, high carb content.				40°		@296' qtz-py brx @70° @312 qtz-py 35° 313.5 py in grey black matrix (mylonite?)	Box 13	320 325 330 335 349							
312 - 321 lighter green lapp tuff w. altered rims of frags.	- marked decrease in carb.					<1	rare vein/v. rare dis (v.v.f.gr.)									

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8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

T-1

GRID: ____ HOLE No. 4 SHEET No. 1 of 6

LOCATION: hyzel 1st DCI BEARING: 148° LATITUDE: ____ PROPERTY: April

DATE COLLARED: Oct 31, 1980 LENGTH: 610' DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: CH

DATE COMPLETED: Nov 6, 1980 DIP: -60° ELEVATION: 255 SCALE OF LOG: ____ DATE: Nov 4, 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
321-371 Green mottled text agglom flow? + agglom tuff.	local carb. 327 20°, 35° 328 30-40° 332 25°-35° 376			<<1	dis.	Box 4	345 350 355							
	@ 339 qtz vein @ 20° to ca @ 350 → 372 strong carb stockwork + Veins 20-70° continued off-setting of				strong local py @ 356-357° 45-60° @ 359 py + cal + chl - Lens+		360							
371-377 Gradational contact to less alt'd facies (1) (2) 377-385 to.. dark Green, med	carb contemp fract. - marked decrease in carb altn.			<1	@ 70° to ca av. 1/3ft to 2/5ft uncommon py	Box 15	365 370							
▽ f.gr. matrix; some larger frags. discernible 385-386 Grey green f'sp ϕ - dyke?	mod. carb alt'n				recove. w. fract carb + assoc f.gr. dis.	Box 16	380 383.5 389 394 399							
386-389 (app tuff; med. grn 389-419 dark green agglom	pervasively altd. chloritic; mod to weak carb.			<1	uncommon py	Box 17	404 405 410 415 420 425							
419-426 " " xtl tuff? gradational contact to...	dyke? mod carb. @ 409 cal-lens 411 45° 414 <10° <10 & 30°			<1	" "	426± gouge 427 FAULT	contact!!							
426-610 dark green agglom	chloritic					↓	FOOTWALL RKS.							

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8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

GRID: ____ HOLE No. 4 SHEET No. 2 of 6

LOCATION: hwell 's / 25' BEARING: 148° LATITUDE: ____ PROPERTY: April

DATE COLLARED: Oct 31 1980 LENGTH: 610' DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: CH

DATE COMPLETED: Nov 6, 1980 DIP: -60° ELEVATION: 255' SCALE OF LOG: ____ DATE: Nov 4, 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
by 450 lighter & darker agglom. grades to light green	@ 453 cal+hem+py 30°			4	rare vein cal+py ± qtz	Box 18	430 435 440 445 450							
mottled pink agglom.						Box 19	455 460 465 470							
green pervasively alt'd. (sausuritized)	mod - carb - alon. + chloritic, assoc. w. py. qtz vein @ 50° @ 50'6"					Box 20	475 480 485 490 495							
535 - 538'6" white f'spar distinctive agglom as above	491 - 550 qtz + cal increases to mod (1/2-3') <20° to 70° to ca				@ 518 sulphide + carb vein ∥ to ca	Box 21	500 505 510 515							
	@ 524 cal+py @ 30° + offsetting fracts. @ 535 - 537 qtz vein <5°				@ 524-526 qtz + py + cal 20°, 70° to ca	Box 22	520 525 530 535							
538'6" - 551'6" light green, pervasively alt'd rhyo crystal tuff ± tuff agglom. Check !!	weak fract. carb 20-75° mod qtz veining + cal 65°, 45° pos. sl. silic" !!					Box 23	540 545 550 555 560							

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8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

T-1

GRID: ____ HOLE No. 4

SHEET No. 6 of 6

LOCATION: Lynell Cr. SCL | BEARING: 148° | LATITUDE: | PROPERTY: April

DATE COLLARED: Oct 31, 1980 | LENGTH: 610' | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: CH

DATE COMPLETED: Nov 6, 1980 | DIP: -60° | ELEVATION: 255 | SCALE OF LOG: | DATE: Nov 5, 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
@ 551'6 - 558'6" dark green dyke??	chloritic altn. mod carb. altn + dark green chl-cal admixed in fracs.			<1	local dis. f.gr. py	contacts 20-30° lower < 20°								
610' END	OF HOLE					box 24	565 570 575 580							
						box 25								

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8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

T-1

GRID: ____

HOLE No 5
SHEET No 1 of 4

LOCATION: Lytell Isl, Q.C.I. | BEARING: Vert. | LATITUDE: | PROPERTY: April

DATE COLLARED: Nov. 6, 1980 | LENGTH: 491' (149.66) | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: CH

DATE COMPLETED: Nov. 10, 1980 | DIP: Vert | ELEVATION: | SCALE OF LOG: | DATE: Nov 8, 1980.

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
0-8'(2.44) no core Box 1 8-37 8-103 .grn. agglom & brx rhyolite	Oxid° to 34'(10.36) MnOx+FeOx strong silic to 43'(13.11) beyond 43' less silic - patchy			av 1-2 2-5	locally py as fgr frags	10'(3.05) casing box 1 patchy fresh rock to 34'	8 16 21 26 30 34 36	20 80 80 90 70	8-16 16-26 26-36 36-46 46-56	Sec 1757 8 9 60 1				
Box 1 as above w. large frags (4-16") of lt grn. rhyolite Box 2 37-66	41'6"( ) - 42'6"( ) bleached grn f.gr. (large frag - poss dyke apophysis) mod carb. altn.				f.gr. py matrix (coating) py runs frags. near 43'( ) anom amts. sulphide	box 2	41 46 51 56 64	>30 >30 85 >90 >90	56-66 66-76 76-81 81-91 91-101	62 3 4 5 6				
@ 50'(15.24) - 53'(16.15) dark argillaceous frags in vol. brx. Box 3 66'7-80'	mod. silic° assoc. @ 56( ) - 62( ) more altd agglom, rimmed frags			5 box av. 1-2	50'(15.24) - 53'(16.15) py runs on frags	51( )-56( ) 4' core box 56( )-57( ) grinding 57( )-58( ) broken w. poss. gouge	67 69 73 76	>90 >90 >90 11	101-111 111-121 121-132'6" 132'6-141 151	67 8 9 70 1				
@ 62-65 dark green andes. dyke (?) 65'( ) - 89'( ) agglom	@ 60( ) - 62( ) increased silicification + carb. carb fract 0° to c.a. 65'( ) - 75'( ) gen. lt grn. pervas. altn.			Box 3 <1-1	v. f.gr. dis. py				151-161 171 180 191.5 191.5-201	72 3 4 5 6				
89'( ) flow (?) - agglom. - mottled/dest Box 4 86'-102'6"	@ 67'-68'( ) darker zone 65'-67'( ) opid rimmed frags in H.grn matrix 65'( ) → decrease in carb. fracts 75'( )-102'( ) darker gen.			Box 4 av. 1 5	@ 74'( ) 45°; @ 78'(77) 35° @ 81'6 ( ) 30° - py fracts locally as matrix	box 4 82'( ) - 87'( ) sharp alternation of altn zones from light cal, silic to dark	81 86 91 96 101		211 221 231 241 251	77 8 9 80 1				
	-less silic° (possibly none) v. weak carb. carb @ 82'( )-85'( ) 20°, 30° 40°, 75° 102'( )-103'( ) py-carb fracts. soft to sl. silic. gen.				in vol. brx. see 70', 79'( ). py 102'( ) coarse blebs ass. w fract.	@ 102-103 qtz + carb + py in fract altn @ 60°-70° to ca - contact zone			251-261 271 281 291 291-301	82 3 4 5 Sec 1786				

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8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

GRID: ____ HOLE No. 5 SHEET No. 2 of 4

LOCATION: Lytell Ist, Qci BEARING: Vert. LATITUDE: ____ PROPERTY: April

DATE COLLARED: Nov 6, 1980 LENGTH: 491 DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: CH.

DATE COMPLETED: Nov 10, 1980 DIP: Vert. ELEVATION: ____ SCALE OF LOG: ____ DATE: Nov 8, 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG: Rock Type / Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	ASSAY RESULTS: Cu	ASSAY RESULTS: Mo	ASSAY RESULTS:	EST. GRADE
103( ) - 203( ) lt. green massive fine gr. rhyolite, Box 5 103-123 locally banded. @ 114 - 152( ) banded with bx. beds @ 70° to 45° to ca.	(possibly just silicious - ca, sec Co) strongly silic'd. Throughout mod. to weak carb-altn. buff.				.	2	py on irreg fract. surfaces as variety of orientations	60° to 80° common 109( ) - 110( ) broken Box 5	106 111 116 121 126		301' - 311' 311' - 321 321' - 331 331' - 341' 341' - 350'	80C 1787 8 9 90 91					
Box 6 123-152 @ 152 - 153'6"( ) contact zone	strong silic', mod carb. fract. - qtz + cal. veins & fract. coatings 35° - 40° to ca.					1	as. py w. fracts.	Box 6	131 136 141 146 151		350' - 358.5' 358.5-371 371' - 381 381 - 391 341 - 401	92 3 4 5 80C - 1796				
@ 153'6 - 155( ) mottled brx. Box 7 152 - 174 C" 156'6"( ) - 158( ) darker gr. agglom.	strong carb. fracts. minor qtz veins.					1	py in mylonite(?) @ 45° to ca.	Box 7	156 161 166 171		NOT 491'	SPLIT END HOLE				
158( ) - 160( ) mass. lt. grn rhyolite - sheared (?) - 35° to ca. Box 8 1746' - 194 160 - 174( ) mod. grn. agglom. - gener. weakly silic'd, strong to mod. locally (over 6') - weak to mod. carb fracts.						<1	min. dis. f. gr. py	Box 8 pass. shearing @ 35° other banding @ 40° to 50°	175 180 185 188.5 191.5							
Box 9 194' - 216' 174 - 202( ) light green silic agglom. tuff.	local strong silic' @ 195'( ) contact zn. 202' - 203'( ).					<1	local disf. gr. py uncommon py fracts	169( ) - 170( ) pass silic'd shear. Box 9 banding @ 45° - 50°	196 201 206 211 216							
202( ) - 203( ) transitional contact. 203 - 226( ) lt. grey altd rhyolite	silic'd, very strong after 205'( ). - some irreg. fracts green altn late calcite-filled offset fracts.					2-3	py along irreg. fracts - fine - gr.									

T-1

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

GRID:

HOLE No. 5
SHEET No. 3 of 4

LOCATION: Lyell Isl. QCI
BEARING: Vert.
LATITUDE:
PROPERTY: April

DATE COLLARED: Nov 6, 1980
LENGTH: 491' (149.66)
DEPARTURE:
CORE SIZE: BQ
LOGGED BY: CH

DATE COMPLETED: Nov 10, 1980
DIP: Vert.
ELEVATION:
SCALE OF LOG:
DATE: Nov 9 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG: Rock Type Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	ASSAY RESULTS: Cu	ASSAY RESULTS: Mo	ASSAY RESULTS	EST. GRADE
@ 222'( )-223'( ) vis frags in o'wise oblit^d text. 225'( )-235'( ) light grey agglom.	Box 10 216-239 pervasively alt'd, mod silic^d							Box 10	226 231 236							
235'( )-251'( ) vol. brx text. grey matrix @ 245.5 rhyol. frag/? @ 35° 251'-255'( ) lt. grey	locally strong clay altn contorted banding, silic^d. Box 11 239-266'6" slightly silic^d.					½-15 av. 2	py as f. gr. in matrix + along fracts.	Box 11	241 246 251 256 261							
@ 279'( )-280'( ) andes dyke @ 282'( )-288'( ) "	(post-min) Box 12 266'6"-283'6"					½-15%	in grey clay alt'd + silic^d fine gr. in matrix and rimmed frags	@ 273' banding 45°-50° to c.a. Box 12	266 271 276 281							
255'( )-320'( ) grey brx and agglom. @ 273'( ) banded rhyol. frag (?)... interbed (?) 35-40° to c.a.	commonly silic^d. w. local clay altn.					av 5		Box 13	286 291 296 301							
grades to green-grey by 290'( )	290'( ) → more strongly silicified — 288'( )-304'( ) = ll qtz veins					1-2 1	fine gr. dis. py in matrix of brx fracts + blebs.									
	(35° to 70°)						sulphide w. qtz veins as well as selvedges + blebs of assoc. py.									

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

GRID: ____

HOLE No. T-1 5

SHEET No. 4 of 4

LOCATION: Lytell Bl. + Q.C.I. | BEARING: Vert. | LATITUDE: | PROPERTY: Apex

DATE COLLARED: Nov 6, 1980 | LENGTH: 491' (149.66) | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: CH

DATE COMPLETED: Nov 10, 1980 | DIP: Vert. | ELEVATION: | SCALE OF LOG: | DATE: Nov 9, 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG: Rock Type / Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	ASSAY RESULTS: Cu	ASSAY RESULTS: Mo	ASSAY RESULTS:	EST. GRADE
320( )-325( ) sheared contact zone with frags of black argillaceous unit (½ 4cm) Box 14 306-328	307( )-315( ) gen. silic. altd, matrix, locally silic'd 3 qtz veins/10'					½%	as dis.'d v.f.gr. py									
← 325( )-341( ) Black-grey argillaceous vol. Sed.	312( )-313( ) Intense carb, propylitic → weak carb. altn. sl. silic'd					2-5	py as fracts, coatings veinlets dw. minor grains cpy	1 at 45°-40°-FAULT								
⊗ 334( )-336( ) green broken similar to 342+ 341( )-342( ) gouge, altd contact zone	calcite veins 35°-40°						Veins py 2mm-4mm 30°-60° to ca.	FAULT								
342'( )-491'( ) lt. green to med green, generally massive andes.(?) augite. + tuff., agglom. flows.	mod to strong carb. fract altn.					<1	Dy grains assoc. with calc. fract. coatings.									

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8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

Transcribed log — Placer

F-2.

GRID: ____ HOLE No. 1 SHEET No. 1 of 3

LOCATION: Lyell Isl./QCI BEARING: 270° LATITUDE: ____ PROPERTY: April

DATE COLLARED: Oct 22 LENGTH: 350' ( ) DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: JSC

DATE COMPLETED: Oct 25 DIP: -60 ELEVATION: ____ SCALE OF LOG: ____ DATE: Oct. 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG: Rock Type / Alteration / Footage / Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No. / Cu / Mo /	EST. GRADE
0-22' Patchy oxidation 0-39 brecciated rhyolite brx	esp in carb/alt ± py vein struct. silicified zone or clay-chl-py locally				interstitial base pyrite						
	Strong late grn veins py-clay-chl. altn is dark green crush zone - some slickensides silicified zones: med grey-				pyrite	@25' gangy zone ~20°-30° to ca.					
tuff textures and banding 39-100 BRECCIATION + SILICIFICATION	some wispy brx(?) or some banding in chl.-py-rich				dis py	<@ 30' gangy sheeted fault @ 33' 45° to ca @ 41' 60° to ca @ 44 chl-py brx zone					
63-65' brx text.	@ 74 chl. fracts.		10° to ca		+ rims	@ 46-53 " " " @ 55 " " " @ 60 py rims silic fracs @ 62 banding @ 35-40° to ca. @ 72 " 45-70° to ca					
76-90 progressively brx. with 90-100 100-115 Crush zone	more chl.-py interstitial to silic fragS. - stronger - two chl. zones w. py chl.-py locally abundant				- py late py						
115-160 Shattered + Brx'd 160-170 Silic brx or tuff	@ 115' chl.-cb. brx silic'd rks, chl-clay-py and late cb veins - silic. fragS/some cb veinlets.					@ 105' shearing @ 35-45° to ca. 110-112 gangy 117 "					

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8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

Transcribed by

GRID: ____ HOLE No. 1

SHEET No. 2 of 3

LOCATION: Lupel Island OCI BEARING: 270 LATITUDE: ____ PROPERTY: Apex

DATE COLLARED: Oct 22, 1980 LENGTH: 350' DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: JSC

DATE COMPLETED: Oct 25, 1980 DIP: -60° ELEVATION: ____ SCALE OF LOG: ____ DATE: Oct 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
@ 169', 3/8" qtz vein @ 40° to ca. @ 170' qtz-py-chl? vein @ 70° to ca.														
170-174 Greenish-grey andesite	? dykes					filled contact @ 15-20° to ca.								
174-178 brx texts	strong silic"				dis. py									
178-182 more massive	strong silic"				dis py									
182-184 brx text.														
184-191 brx	less perv. silic./chl. + some clay?													
191-192 relict(?) bedded? - tuff?	strongly silic					10-30 to ca.								
192-230 brx textures	local" strong silic". some chl-clay -				heavier py									
197.5'					py vein	@ 70°								
198	2" qtz vein					@ 60°								
199	1" complex py-qtz vein					@ 45°								
201	1" complex" " "					@ 20°								
204 on ... brx w.	strong silic + complex qtz-py veins and patches					#2								
@ 228	@ 210, 215.5, 217, 219, 222-223-225 odd hematitic stain on fract or beds.													
230-232 anastomosing green andes. dyke.														
232-244 brx + massive section	w. strong Silic.													
@ 232	qtz complex													
@ 237	" "													
244-245 Green andes. dyke	w. carb veins.													

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8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

Transcribed Log

T-2

GRID: ____

HOLE No. 1

SHEET No. 3 of 3

LOCATION: Hyatt Island BCL | BEARING: 270° | LATITUDE: ____ | PROPERTY: April

DATE COLLARED: Oct 22, 1980 | LENGTH: 350' | DEPARTURE: ____ | CORE SIZE: BQ | LOGGED BY: JSC

DATE COMPLETED: Oct 25, 1980 | DIP: -60° | ELEVATION: ____ | SCALE OF LOG: ____ | DATE: Oct 1980

ROCK TYPES AND TEXTURES	& ALTERATION	GRAPHIC LOG: Rock Type Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	ASSAY RESULTS: Cu	ASSAY RESULTS: Mo	ASSAY RESULTS:	EST. GRADE
245-260 Pale greenish grey brx? lapp. tuff - py frags	cb veinlets/less silic^d. more clay						fract + dis py									
260-268 fol brx	hard. silic															
268-281 Massive pale green silic. rk							fract + dis py									
281' fault gouge								fault gouge								
281-284 Green and dyke	cb. veinlets.															
284-333 pale greenish grey rhyolite?	silic^d/k'line dk grey qtz py vlts with bleached walls						dis. py throughout									
@ 332-333 gouge								shear @ 65°-70°								
333-336 green and dyke																
336 gouge clay																
336-338 pale green rhyol.?	qtz-cb. vein not silic as above						minor py									
338-345 Greenish-grey lapp tuff	cb + cb-qtz vein network is strong not silic.															
to 350																
344 shear	rock is bleached and slightly silic below shear.						low. sulphide	@ 75°-80°								
350'	End of hole.															

T-2

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

GRID: ____ HOLE No. 2 SHEET No. 1 of ____

LOCATION: Hazelt Isl, QCI BEARING: ____ LATITUDE: ____ PROPERTY: April

DATE COLLARED: Oct 27, 1980 LENGTH: ____ DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: JSC

DATE COMPLETED: Oct 28 1980 DIP: ____ ELEVATION: ____ SCALE OF LOG: ____ DATE: Oct 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
3-45' Pale greenish grey rhyol? local brx text. @40 poor recov.	silic^n to 18' strong oxid^n @21' bleaching				fract + dis py	60° to ca. fault?								
45-90' brx text. @86'	stronger silic^n., alt. strong 6" py - chl.				py	sheer @ 65-70° to ca.								
90-96' fairly massive rhyol?					dis + fract py									
96-111	silic fragg. { more chl. sheared rk				w. heavy py veri	@ 60-70° to axis								
111-112 gouge w.	silic chips					fault ~45° to c.a.								
112-115 no core														
115-117 Shattered silic rk														
117-120 no core														
120-134 shattered @134' 3" gouge	less intensely silic^d. Fract chl - py - clay veining													
134-136 silic lapp. tuff	chl.													
136-142 more massive rhyd. local brx + shearing	silic. @ 36° some chl. gouge													
142-149 strongly brx rhyol?	interstitial chl. - clay - py some qtz veinlets.													
149-154 Tuff + tuff brx @ 150' odd hem (?)	streaks, reddish brown					// to bedding @ 30-40°								
150-164 brx^d +	silic^d rks.				dis + fract - py	@ 65°-70° to c.a.								
162-164 very gouge														
164-175 more tuffs pyroclastics? @ 167, 170, 173, 175 in greenish tuffs	chloritic qtz - py - cb veins													

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8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

Transcribed Log

T-2

GRID: ____

HOLE No. 2

SHEET No. 2 of 2

LOCATION: Lyell Isl., QCI | BEARING: 300° | LATITUDE: ____ | PROPERTY: April

DATE COLLARED: Oct 27, 1980 | LENGTH: 255' | DEPARTURE: ____ | CORE SIZE: BQ | LOGGED BY: JSC

DATE COMPLETED: Oct 28, 1980 | DIP: -60° | ELEVATION: 295 | SCALE OF LOG: ____ | DATE: Oct 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
175 - 201 in greenish tuffs	more cb. py with qtz carb @				dis. py stronger py @ 180 - 183, 186 - 189, 190 - 194, 199 - 201									
201 on	chl. - cb alt'n diminishes.													
255'	hole ends													

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

Transcribed log

T-2

GRID: ____

HOLE No. 3

SHEET No. 1 of 2

LOCATION: Lytell Isl. Ext. | BEARING: 300° | LATITUDE: | PROPERTY: April

DATE COLLARED: Oct 29, 1980 | LENGTH: 300' | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: JSC

DATE COMPLETED: Oct 29 1980 | DIP: -80° | ELEVATION: 295 | SCALE OF LOG: | DATE: Oct 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
5-23 23-44 44-46 bedded 30°-60° to c.a. (29-30) (31-32)	strongly oxid, silic'd rk silic rk strong oxid Fract oxid to 57'				good py									
46-70 contorted and brx bedded rks, tuffs @68' 70-83 more chlorite and	well silicif'd pyrite →				some fairly heavy pyrite	shearing @80° to c.a.								
83-97 Greenish chloritic lapp tuff	patchy silicif'n some qtz + carb. much less intense altn				faintly strong py along fracts with some qtz py increasing @ 93'									
97-116 Breccia w. silic. rhyo. clasts — heavy matrix chlor - py some bedded tuff clasts 116-122 Green andes dyke chilled margins														
122-131 lapp tuff brx 131 gouge brx	chloritic, pyritic chl. - clay zones of				heavy pyrite	shearing @ 70° to c.a.								
133-139 crumbly silic rk 139-151 rhyo brx @ 143 and 147 gouge	with some silic' but mainly chl - py matrix faulting				heavy pyrite	@ 10°-15° to c.a.								

JMT Services Corp.

Transcribed log

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

T-2

GRID: ____

HOLE No. 3

SHEET No. 2 of 2

LOCATION: Lyell Isl. BCL | BEARING: 300° | LATITUDE: ____ | PROPERTY: Afork

DATE COLLARED: Oct 28, 1980 | LENGTH: 300' | DEPARTURE: ____ | CORE SIZE: BQ | LOGGED BY: JSC

DATE COMPLETED: Oct 29, 1980 | DIP: -80° | ELEVATION: 295 | SCALE OF LOG: ____ | DATE: Oct 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type, Alteration, Footage, Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	Cu	Mo		EST. GRADE
151 - 158 pale green siliceous dyke ?					dis. py.									
158 - 161 Rhyol. brx					strong py									
161 - 164.5 Rhyol - pale green					fract. + dis py									
165 gouge 170-173 " 175 "														
165 - 176 Rhyo brx.	long gouge sections				some heavy py									
176 - 180 green and dyke	chl. + carb veining													
180 - 192 rhyo brx	chl - py - matrix				some sections v. heavy py (py clasts)									
192 - 194.5 pale green lapp tuff														
194.5 - 197	strong chl. - clay, patchy silic													
197 - 300 pale greenish vol.	chloritic pale chl, more cb veins local bleaching				less py fract + dis									

T-2

JMT Services Corp.

8827 HUDSON STREET · VANCOUVER, B.C. V6P 4N1

Transcribed log

GRID: ____

HOLE No. 3
SHEET No. 1 of 2

LOCATION: Lytell Isl. Qcl | BEARING: 300° | LATITUDE: ____ | PROPERTY: Apra

DATE COLLARED: Oct 29 1980 | LENGTH: 300' | DEPARTURE: ____ | CORE SIZE: BQ | LOGGED BY: JSC

DATE COMPLETED: Oct 29 1980 | DIP: -80° | ELEVATION: 295 | SCALE OF LOG: ____ | DATE: Oct 1980

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG: Rock Type Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	ASSAY RESULTS: Cu	ASSAY RESULTS: Mo	ASSAY RESULTS:	EST. GRADE
5-23 23-44 44-46 bedded 30°-60° to c.a. (29-30) (31-32)	strongly oxid, silic'd rk silic rk strong oxid Fract oxid to 57'						good py									
46-70 contorted and brx bedded rks, tuffs @ 68' 70-83 more chlorite and	well silicif'd pyrite → patchy silicif'n some qtz + carb. much less intense altn						some fairly heavy pyrite	shearing @ 80° to c.a.								
83-97 Greenish chloritic lapp tuff							fairly strong py along fracts with some qtz py increasing @	93'								
97-116 Breccia w. silic. rhyo. clasts — heavy matrix chlor - py some bedded tuff clasts 116-122 Green andes dyke chilled margins																
122-131 lapp tuff brx 131 gouegy brx	chloritic, pyritic chl. - clay zones of						heavy pyrite	shearing @ 70° to c.a.								
133-139 crumbly silic rk 139-151 rhyo brx @ 143 and 147 gouge	with some silic' but mainly chl - py matrix faulting						heavy pyrite	@ 10°-15° to c.a.								