

LOCATION: Above Riley Creek, Q.C. Lumber Co. Ltd.



JMT Services Corp.

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

Page 1 of 6

MOLE N°

C-79-1

Branch 8

AZIMUTH 018°

PROPERTY

COURTE

841915

DIP -45°

LENGTH 138.38 m

ELEVATION

CLAIM N°

STARTED Nov. 30, 1979

CORE SIZE BO

DATE LOGGED Dec. 11, 1979

SECTION

COMPLETED Dec. 7, 1979

DIP TESTS:

LOGGED BY: Colin Harivel

PURPOSE: Test Courte Showing

from	to	DESCRIPTION	SAMPLE N°	from	to	LENGTH	to ca barren fract.	qtz veins	py veins	fault zones	% dis py	Fr
0	1.83	No core										
1.83	82.50	Box 1 (3.35) GREEN SL. ALTERED, MOTTLED, TEXTURE (5.18) AGGLOMERATES. (8.23) VARIGATED TEXTURES LAPILLI TUFFS (?) - ANDESETIC FRAGS. UP TO 4 CM WIDE: SERICITIZED, MOTTLED ALT. TEXTURE COMMON SOME GROUND CORE TO 11' - BLEACHED ALT. VEINS OF FRAGS. COMMON	13703	4 m	6 m		13' 45°					
		@ 7.01- 7.62 low to c.a. gougy alt. 10° fract. calcite	13704	6	8		15' 18°					
		Box 2 (11.28) @11.06 apparent flow layer, contact (12.95) @20° to c.a. (13.41) @13.11 5% diss. po assoc. with dark (maffic rich) frags. Serpen. on fractures common	13705	8	10		15' 40° calcite				3-5 (po)	
		Box 3 (15.85) @20.06 barren calcite frags. (20.42) @20.42 str. po on fract. 40° to c.a. (23.47)	13706	10	12		27' 10°				1-2 (py)	
		14.63 - 22.86 generally lighter green alt'n phase with "stewed" crystal tuff (deuteric alt'n	13707	12	14							
			13708	14	16		46' 70° Cal.					
			13709	16	18		65.8' 20° cal		67' @ 40° po			
			13710	18	20		75' 5° Cal.					
			13711	20	22		78' 20°X					
			13712	22	24		20°					

done



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HOLE NO:
C-79-1

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DIP

LENGTH

ELEVATION

CLAIM NO

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CORE SIZE

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SECTION

COMPLETED

DIP TESTS:

LOGGED BY:

PURPOSE:

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH	to c.a. barren fract.	qtz veins	py veins	fault zones	% dis py fr	
	Box 4	23.47 lt green-grey altered fragmentals w	13703	24m	26m		88.5'					
		26.52 locally intense clay carbonate alt'n.	13704	26	28		40°x				5% dis	po
		29.57	13705	28	30		70°				Box 4	
			18520*	30	32		96.3°					
							60°					
							7. @4mm		29.55m in alt. scit.			
		@ 27.59-28.04 carbonate rich gougy zone @20° to c.a. in veins of po rich material bronze col.	13716	32	34							
		@ 29.26-29.57 in carbonate alt'n zone	13717	34	36							
			13718	36	38							
	Box 5	32.61 m similar to box 4, sl. more carb. alt'n.	13719	38	40							
		35.66 m locally zones with wisps of fine black mineral (tourmaline) as needles and fine gr. matrix masses	13720	40	42							
			13721	42	44				34.53m 50°			
			13722	44	46				34.8 35°			
		locally alt'n zone of bleached rock with spotted po med gr. up to 5%	13723	46	48							
			13724	48	50							
			13725	50	52							
	Box 6	38.58 m v soft, more alt'n than prev. lighter col. green	13726	52m	54		38.5°					
		41.75 m vari-text andes. fragmentals with	13727	54	56		25°					
		44.88 increased frag. of soft thoroughly alt'd. carb. rich zones - @38.4,38.8,38.95,40.8-41.75	13728	56	58		39 60					
							41.8 70					
		last zone has minor qtz.	13729	58	60		43 35					
			13730	60	62		65	41.4 40°				



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MOLE NO:

C-79-1

PROPERTY:

LOCATION:			
AZIMUTH			
DIP	LENGTH	ELEVATION	CLAIM NO
STARTED	CORE SIZE	DATE LOGGED	SECTION
COMPLETED	DIP TESTS:		LOGGED BY:
PURPOSE:			

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH					
		Box 7 (47.85) soft light green (50.9)	13731	62	64						
		@ 49m fine veinlets of py	13732	64	66		46.5, 15	cal.			
			13733	66	68		46.6, 55	dis.cal.			
			13734	68	70		49m, 45				
			13735	70	72		50.4	15 cal			2 py dis
		@ 50.95 cpy as fract's with minor dis grains in grey dark altered rock	13736	72	74						1 py dis
			13737	74	76		52	35° cal			up to 7
		up to 10% sulphide po >py (py cubes up to 4mm) agglomerates: fragmentals, med fract.	13738	76	78						py & po
			13739	78	80						50.8-51.5
		Box 8 (53.9) soft green, light grey similar to (57.0) previous, pervasive propyl alt'n: (57.61) locally strong carbonate (58.83)	13740	80	82			55.4m			
			13741	82	84			30- 50°			
		@ 55.4-56 rel. stronger py locally green chlorite-calcite on 35% fract.	13742	84	86		54.2m				
			13743	86	88		chl-cal 20				
			13744	88	90		55m 50°	56 30°			5% dis.
		@ 58.9 smoky halo about 1.3 cm frags	13745	90	92		54.8 25°	(?)			
			13746	92	94		50°				
		Box 9 (61.57m) soft green-gray vari-text., pyroclastics (65.01) alt. lapilli-tuff to alt. crystal tuff	13747	94	96		58m 35°				
							59.6 20°	cal			
							60	35 cal			



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LOCATION:			
AZIMUTH			
DIP	LENGTH	ELEVATION	CLAIM N ^o
STARTED	CORE SIZE	DATE LOGGED	SECTION
COMPLETED	DIP TESTS:	LOGGED BY:	
PURPOSE:			

from	to	DESCRIPTION	SAMPLE N ^o	from	to	LENGTH	to ca barren fract	qtz veins	py veins	gouge or fault zones	% dis/ sulph fr	py fr /in	
82.5	118.7	Box 12 81.3 As above cont'd to 82.5	Box 18 - split by Mike Dunne @ Rennell Sound				84m 15°		84.3	82.6 40°	84.4 25°	py fract.	
		84.63					chl-cal						84.6 5°
		86.87					84						85.6 15°
		THENCE UNIFORMLY TEXTURED GREEN STRONG PROPLY(?)					86.0 20°						
		ALT'D ZONE WITH 1 - 2% DISS. SULPHIDE & COMMON					86.4 30° cal						
		SULPHIDE FRACT. COATING & SMEARS AND CARBONATE AS					86.6 45° cal						
		STRINGERS & VEINS.											
		Box 13 90.53											
		92.66 94.03											
		sim.to above, mottled textures common with					89.0 45° cal						
		suffused carbonate & gypsum(?) stringers					92 35°						92.8
		(fract. network) to 92.8 then 50% recovery in											93.8
		gougy zone 92.8 to 93.6(2)											
		Box 14 96.62											
		99.67											
similar end of prev. - lighter pistachio green													
perceived alt'd: more broken than prev.													
@ 99 - increasing coarseness of dis py (4.5mm)													
common carbonate alt'n, common py smears													
and fract. coatings													
@99.8 - 9 20 mm X 7 mm blebs aggregates of py													
Box 15 103.94 similar to previous													
105.77													
@101.5-107 zone of mylonite brx @ 15°													
with 2.8 cm wide cal. veins conforming													
heavily pyritized with assoc. strong py													
fract. fillings (11) & slicks													
			102.38										
			102.2 15° cal	102.3 py	30°	6-1							
			104.5 45°	@15° +cal.									
			106.2 20° cal	104.6	20° py								
				108.2	106.4 25° py								

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DIP TESTS:

LOGGED BY: Colin Harivel

PURPOSE: Test Courte Showing

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH	to ca barren fract.	qtz veins	py veins	fault zones	% dis py	Fr
0	1.83	No core										
1.83		Box 1 Blocks green sl. altered, mottled, texture agglomerates					13' 45°					
3.35	5.18	varigated textures lapilli tuffs(?) - andesitic					15' 18°					
	8.23	frags. up to 4 cm wide: sericitized, mottled alt. texture common	13703	4 m	6 m		15' 40°					3-5 (po)
		some ground core to 11' - bleached alt. veins of frags. common	13704	6	8		27' 10°					1-2 (py)
		@ 7.01- 7.62 low to c.a. gougy alt. 10° fract. calcite	13705	8	10							
	11.28	Box 2 @ 11.06 apparent flow layer, contact @20° to ca	13706	10	12							
12.95	13.41	@ 13.11 5% diss. ass with dark (maffic rich) frags.	13707	12	14		46' 70°					
		Serpen. on fractures common	13708	14	16		Cal.					
	15.8	Box 3 @ 20.06 barren calcite frags.	13709	16	18		65.8'		67' @			
20.42	23.7	@20.42 str. po on fract: 40° to c.a.	13710	18	20		20° cal		40° po			
							75' 5°					
14.63	22.86	generally lighter green alt'n phase with "stewed" crystal tuff (deuteric altn.)	13711	20	22		Cal.					
			13712	22	24		78' 20° X					
							20°					



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HOLE NO:
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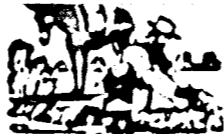
PROPERTY:

LOCATION:
AZIMUTH:
DIP:
STARTED:
COMPLETED:

LENGTH: ELEVATION: CLAIM NO:
CORE SIZE: DATE LOGGED: SECTION:
DIP TESTS: LOGGED BY:

PURPOSE:

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH	to c.a. barren fract.	qtz veins	py veins	fault zones	% dis py	fr
	Box 4	23.47 lt green-grey altered fragmentals w	13703	24	26	20	88.5'					
		26.52 locally intense clay carbonate alt'n.	13704	26	28		40 ^o x				5% dis	po
		29.57	13705	28	30		70 ^o				Box 4	
			18520*	30	32		96.3 ^o					
							60 ^o					
							7.@4mm		29.55m in alt. scit.			
		@ 27.59-28.04 carbonate rich gougy zone @20 ^o	13716	32	34							
		to c.a. in veins of po rich material bronze col.	13717	34	36							
		@ 29.26-29.57 in carbonate alt'n zone	13718	36	38							
	Box 5	32.61 m similar to box 4, sl. more carb. alt'n.	13719	38	40							
		35.66 m locally zones with wisps of fine black mineral (tourmaline) as needles and fine gr. matrix masses	13720	40	42							
			13721	42	44				34.53m 50 ^o			
			13722	44	46				34.8 35 ^o			
		locally alt'n zone of bleached rock with spotted po med gr. up to 5%	13723	46	48							
			13724	48	50							
			13725	50	52							
	Box 6	38.58 m v soft, more alt'n than prev. lighter col. green	13726	52m	54		38.5 ^o					
		41.75 m vari-text andes. fragmentals with	13727	54	56		25 ^o					
		44.88 increased frag. of soft thoroughly alt'd. carb. rich zones - @38.4, 38.8, 38.95, 40.8-41.75	13728	56	58		39 60					
		last zone has minor qtz.	13729	58	60		41.8 70					
			13730	60	62		43 35					
							65 41.4 40 ^o					



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 COMPLETED _____

LENGTH _____ ELEVATION _____ CLAIM NO _____
 CORE SIZE _____ DATE LOGGED _____ SECTION _____
 DIP TESTS: _____ LOGGED BY: _____

PURPOSE: _____

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH					
		Box 7 47.85 m soft light green	13731	62	64						
		50.9	13732	64	66		46.5; 15° cal.				
		@ 49 fine veinlets of py	13733	66	68		46.6, 55° dis.cal.				
			13734	68	70		49m, 45°				
			13735	70	72		50.4 15° cal				2 py dis
			13736	72	74		60				1 py dis
		@ 50.95 cpy as fract with minor	13737	74	76		52 35° cal				up to 7
		dis grains in grey dark altered rock	13738	76	78						py & po
		up to 18% sulphide po. py. (py cubes up to 4mm)	13739	78	80						50.8-51.5
		agglomerates: fragmentals, med fract.									
		Box 8 53.9 m soft green, light grey similar to	13740	80	82			55.4m			
		previous, pervasive						30-			
								50°			
		57 m propyl alt'n: locally strong carbonate	13741	82	84		54.2m				
		57.61m					chl-cali				
		58.83 m					20				
		@ 55.4-56 rel. stronger py	13742	84	86		55m 50°	56 30°			
		locally green chlorite-calcite on 35% fract.	13743	86	88		54.8 25°	/? 1			5% dis.
							50°				
			13744	88	90		58m 35°				
		@ 58.9 smoky halo about 1.3 cm frags	13745	90	92						
		Box 9 61.57 m soft green-grey, vari-text., pyroclastics	13746	92	94		59.6 20° cal				
		65.01 alt. lapilli-tuff to alt. crystal tuff	13747	94	96		60 35° cal				



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PURPOSE:

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH	to cal barren fract.	qtz veins	py veins	gouge or fault zones	% dis py fr
2		frags 2mm for 3 cm over 6 m	13738	96	98		60.1 85°				
		@ 59.6 - 60 rel. strong carb alt'n.	13739	98	100		61.2 40°			64.9	
		@ 60.9 3 cm strong carb. alt'n(propyl.)	13750	100	102					13m gouge(?)	64.5/fr
		@ 65.0 - 65.2 strong po(cpy) in coarse blebs	18501	102	104		65.5 10°				*note left
			18502	104	106						1% 65.5-7
66.90	69.19	Box 10 light grey-grey, soft propyl alt'd	18503	106	108						
71.93	71.5	agglom. andesites rel. consistent texture	18504	108	110		69.1 50° cal			gougy	
			18505	110	112		69.4 40° cal-chlor				
		@71.5 change to aphanitic green flows(?) with local cal. stringers	18506	112	114		69.8 cal.+sulp			69.8	69.8coarse
		rel. weak carb. alt'n. total box	18507	114	116						black/fr@50°
		@ 60.3 finger of intrusive(?) or bleached sil finger ring shapes with py cubes diss in	18508	116	118		71.4 50° cal.		70% py		5° fr
		@ 71.4 talcose(?) alt'n.	18509	118	120						72.5 py 5°fr
			18510	120	122						71.93 5°py f
			18511	122	124					73.2	
73.76		Box 11 green aphanitic ends @ 73.46	18512	124	126					2 mm	
75.29	77.11	40 cm border alt'n	18513	126	128					epig @ 73.5	
	78.33	Thin various textured 4.50 ft green-grey pyroclastics and agglom. sim to those above-	18514	128	130					74 py fr 3mm	
		halo - with strong carb.rich altn-propyl/ass	18515	130	132					@30+15 73.76(?)	1% dis. py
		more raised rock texture thru box	18516	132	134		75 25 cal			+65° (?)	
		- strong increase in sulphide stringers	18517	134	136		78.5@25°			blebs	
		(syn-layers)	18518	136	138.38		77.3 35°		75.5 @70°		

52 12 1/2



PROPERTY:

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 DIP TESTS: _____ LOGGED BY: _____

PURPOSE:

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH	to ca barren fract	qtz veins	py veins	gouge or fault zones	% dis/ sulph fr	py fr /in
81.30	84.47 86.67 82.5	Box 12 as above con'd to 82.5 thence uniformly textured green strong propyl(?) alt'd zone with 1-2% diss. sulphide & common sulphide fract. coating & smears and carbonate as stringers & veins	Box 18 - split by Mike Dunne @ Rennell Sound				84m 15° cbl-cal 84 86.0 20° 86.4 30°cal 86.6 45°cal		84.3	82.6 40°	84.4 25° 84.6 5° 85.6 15°	py fracts. py frac
90.53	92.66 94.03	Box 13 sim.to above, mottled textures common with suffused carbonate & gypsum(?) stringers (fract. network) to 92.8 then 50% recovery in gougy zone 92.8 to 93.6(2)					89.0 45°cal 92 35° 89.6 35° 90.4 30° 90.6 20° cal			92.8 93.8	in box 13 1% dis py 1-2 locally	
96.62	99.69	Box 14 similar end of prev. - lighter pistachio green perceived alt'd: more broken than prev. @ 99 - increasing coarseness of dis py (4.5mm) common carbonate alt'n, common py smears and fract. coatings @99.8-9 20mmX70mm blebs aggregates of py							13cm 98m 40°	96.8 25°	94.7 15° 2.5dis py 99.1 45° 30 fr 99.8 25°	py 4-6 fr py 6-8
103.94	105.77	Box 15 similar to previous @101.5-107 zone of mylonite brx @ 15° with 2.8 cm wide cal. veins conforming heavily pyritized with assoc. strong py fract. fillings (ll) & sticks					102.2 15°cal 104.5 45° 106.2 20°cal		102.3 py @15° +cal.	102.38 30° 104.6 108.2	6-1 20°py 106.4 25°	



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MOLE NO:

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DIP _____

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DIP TESTS:

LOGGED BY:

PURPOSE:

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH	to ca barren fract.	qt veins	py veins	gouge or fault	% dis /fr sulph.	py fr/in
108.81	111.57 114.91	Box 16 similar to prev. with increased fract. py @109 m fr. py offset by barren fract. wh crts formed at 70°								109.4	2-4%dis py 6	Box 15 108.6 35°fr py 109 10°fr py 109.6 20°fr py 110.4 15°fr py 111.7 25°fr py 113.2 65°fr py
117.96 118.7	121.01	Box 17 dark green grey alt'd agglomerates andesites diffused with calcite stringers fracture fillings, broken ground					111.6 25°cal 112.1 45° 113.6 55° 115.3 45° 115.2 35° 114.7 60° + py					114.5 3@55°fr py 117.2 35° fr py 117.8 45° " " 117.5 35°py,cal 117.4 cal,py
123.44	129.54	Box 18 as above locally zones of grey black mylonite (125.3 m) shiny green slicks of serpentinite on irreg. frac. surfaces and locally accomp. calcite					121 25°cal 125.2 30° 126 10°cal 129.3 45° 131.6 35° 132.9 6° 133.5 45°cal 134 25°cal			125.3 30°	1%dis py 118.7	
131.37 134.11	134.11 135.4	Box 19 as above to 134.11 fault zone of clay alt'd, sheared, vol angle of shearing to ca 60-70°								134.11 -135.4	60°-70°	
135.4		dark green alt'd agglom. vol (andesitic) with suffused calcite 8' of core remains in hole (Dec.11/79)									1% sul.	

NOTE: core recoved Jan./80



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MOLE N^o

R-80-1

PROPERTY:

LOCATION:											
AZIMUTH:											
DIP	LENGTH:	ELEVATION	CLAIM N ^o								
STARTED	CORE SIZE:	DATE LOGGED	SECTION								
COMPLETED:	DIP TESTS:	LOGGED BY:									
PURPOSE:											
from	to	DESCRIPTION	SAMPLE N ^o	from	to	LENGTH					

118.57	120.1	Box 16 -tuffaceous agglom. locally and commonly,
	122.53	alt'd to propylite (light green; rel. soft, obliterated texture w. calcite veinlets common).
		locally dis. sulphide commonly assoc. w. cal. veins Some places have up to 3 cm patches of v.v. finely dis. sulphide
120.8	122.	soft argillite
123	129.6	" "
130	130.8	" "
130.8	131	Box 17-soft argillite, soft, gougy contact greyish alt. tuff
131.6	131.75	black argillite greyish alt. tuff w/ local off set fine py-bearing veinlets + < 1% dis.py
134	134.1	Box 18 - gougy
134.25	124.6	metallic grey gougy, py aggregated areas
134.6	.37	grey alt'd. qtz-bearing agglom. (broken qtz grains)
137	137.3	white to grey w 5 - 7% dis. py and wispy black unid. up to 2% (carbonaceous)



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LOCATION:	HOLE NO:
AZIMUTH:	Page 3 of 3 rewrite R-80-1
DIP:	PROPERTY:
LENGTH:	CLAIM NO:
ELEVATION:	SECTION:
STARTED:	DATE LOGGED:
COMPLETED:	DIP TESTS:
PURPOSE:	LOGGED BY:

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH					
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Box 19	139.5 - 141.6	grey f.gr. tuff ⁺ < 1% v.f. gr. py									
	141.6-141.75	grey brx'd-mixed zone up to 20% py									
	141.75-141.88	grey, creamy alt'd w.v.fine carb. stockwork									
	142.2-144.4	med. to dark grey soft alt'd sed. up to 5% py strongly assoc. with local streaming -stockwork carbonate									
	144.4-145.7	creamy-buff alt'd agglom. tuff local py in fine gr. veinlets									
	145.7-146.8	dark grey argillaceous sed. streamed texture up to 5% py									
147.5	146.8-147.5	shattered text. Ø :thoroughly alt'd pink and buff agglom. flows.									
	147.5-148.5	locally clay alt'd v.soft gougy appear. dark agglom.									
	148.5	creamy to creamy greenish alt'd Ø similar to Ø above with up to 5% med. gr. dis. black unidified (dahnationite appearance) dis py common throughout becomes dark grey green towards 152 m 154 light pink-cream col.									

END OF HOLE