



JMT Services Corp.

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

LOCATION: Approx. 360 m ESE of C-80-2 Gumbo zone
south of Needles Cr. tributary Riley Cr., Rennell
AZIMUTH 200° Sound of O.C.I., B.C.

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HOLE NO. C-80-3

PROPERTY:

COURTE

841916

DIP -45°

LENGTH 218.54 m (limit of rods) ELEVATION

CLAIM NO

STARTED Mar. 7, 1980

CORE SIZE BO

DATE LOGGED Mar. 18, 1980

SECTION

COMPLETED Mar. 17, 1980

DIP TESTS: -

LOGGED BY: Colin Harivel

PURPOSE:

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH						
0	4.57m	Casing - o/burden	18835	5.49	6							
4.57	128.02	GREEN-GREY, MAROON, BUFF, COMMONLY CLAY ALTERED, VARI-TEXTURED, PYROCLASTIC COMMON DIS. SULPHIDE, PREDOM. PY. W. MINOR PO., V. MIN ARESENO. CARBONATE VEINS & FRACTURE COATINGS RARE	36	1	7.92							
			37	7.92	10.36							
			38	10.36	13.11							
			39	13.11	14.17							
		BOX 1 (7.42 10.36)										
		(11.58 13.11)										
		4.57 - 5.18 - rubble	18840	14.17	16							
		5.18 - 7.01 - pink, soft carbonate alt'd crumbly	41	16	18.54							
		7.01 - 7.92 - green alt'd andesitic tuff(?)	42	18.54	20.42							
		7.92 -10.12 - green alt'd competent f.gr flow(?)	43	20.42	22							
		10.12 -11.43 - grey alt'd (gumbo like) agglom pyroclastic	44	22	24							
		11.43 -11.83 - /contact @ 25-30°/light green f.gr. alt'd tuff	45	24	26							
		11.83 -13.11 (grinding) grey agglom.alt'd tuff	46	26	28							
		13.11 -16.46 greenish to grey alt.pyroclastic agglom.	47	28	30							
		16.46 -19.81 greenish agglom; much rel. coarse frags.	48	30	32							
		BOX 2 (14.17 - 14.93) some ground core 17.68 - 17.98	49	32	34							
		(17.07 - 18.59)										
		(20.42)										
		19.51 - 19.81 qtz - chloritic wisps & stringers	50	34	36							
		18.81 - 21.58 grey dust, pinkish agglom. tuff	51	36	38							
		lower contact sl. shearing @70°	52	38	40							
		some red hem. alt'n.										

done



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HOLE N^o

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LOCATION:

AZIMUTH

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DIP TESTS:

PURPOSE:

from	to	DESCRIPTION	SAMPLE N ^o	from	to	LENGTH					
		21.58 - 23.17 pinkish bleached alt'd tuff & deuteritic (?) carb. veins in f.gr. buff-grey tuff	45-18553 25-54	40	42						
		BOX 3 (23.00 - 25.60) (28.65)									
		22.86 - 23.16 pink (hem?) stain, rel. strong	55	44	46						
		23.16 - 25.30 grey, soft clay - alt'd agglom dueteritic tuff	56	46	48						
		25.30 - 26.21 greenish agglom, rel. coarse gr. 12% mafics/f.gr. diss. py	57	48	50						
		26.21 - 27.13 grey shear zone or alt'n zone (soft clay) w. strong clotty py 26.21 - 26.37 /@35° to c.a.	10-58 5-59	50	52						
		26.21 - 33.31 variotext. d. greenish-grey agglom, pyroclastics grey-greenish fragments in grey tuff/dis. py 3 - 5%	75-60 25-61	54	56						
		BOX 4 (31.39 - con'd with low to intermediate angles (33.53 angles to core of sulphide slips (36.58 (common)/locally (e.g. 28.65) strong (10%) clotty aggregates of f.gr. py/sparse carb. veins/min. carb. alt'n with clay alt'n @ 28.65 - cal gypsum + py smears @ 15° @ 32.31 - podiform qtz. stringers + py over 10 cm chlorite-cal-hem & fracture coatings. 33.31 - 35.97 grey matrix w. creamy white-buff alt'd tuff/grades to pink matrix w. white (green) re. unaltered frags. of andes. w. discernable mafics	* NOTE EXTRA SAMPLE NUMBERS JOTTED IN LAB REPORT FOR 18862-18869 840-62 40-63 150-64 65 880-66 780-67 20-68 3300-69 35-70 20-71	58	60						
				60	62						
				62	64						
				64	66						
				66	68						
				68	70						
				70	72						
				72	74						
				74	76						
				76	78						



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HOLE N^o

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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					
		35.97 - 39.47 tending to greenish alt'n cast by 26.73 uncommon to rare coarse py aggregates	188-72	78 m	80 m						
		@33.22 3 cm X 1 cm py mylonite w. assoc. f.gr. dis. py	85-73 106-74	80 82	82 84						
		@33.68 40°hem + clay alt'n zones & fract. fine gr. dis. py common over 20 cm.	315-75	84	86						
		@38.1 begin sect. v.much larger frags. up to 15 cm large diam.	35-76 60-77	86 88	88 90						
	BOX 5 (39.93) (43.13)	- to 39.47/locally white-creamy bleached zones up to 10 cm with py as med.gr.blebs, clots & grains	320-78 40-79	90 92	92 94						
		@34.37 hem, in stringers @ 25° up to 4 mm wide	10-80	94	96						
		37.95 qtz strands up to 3 mm wide 20° to c.a.	5-81	96	98						
		39.01 py assoc. w. irreg. cal. stringers (coarse clots)	5-82	98	100						
		39.47 - 41.0 grey matrix ploymictic agglom. w. pyrocl. common crushing-shearing (av) 118° coarse	5-83 15-84	100m 102	102m 104						
		py v. soft clay alt'd grains & closts assoc. w. fracts. in place of shearing, hem (?) stain	15-85 10-86	104 106	106 108						
		common & assoc. w. crushed py clots									
		41.0 - 43.43 grey agglom. w. crowded text. poorly sorted pyroclastic - light grey over all	20-87 15-88	108 110	110 112						
		43.89 - 44.14 bleaches green gradation contact	20-89	112	114						
	BOX 6 (44.2 46.48) - (through alt'n facies) (47.55 - 49.99)	44.14 - 49.68 green aphanitic crystal tuff w.	10-90	114	116						



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MOLE N^o

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PROPERTY:

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 AZIMUTH _____

 DIP _____

 STARTED _____

 COMPLETED _____

 PURPOSE: _____

LENGTH

ELEVATION

CLAIM N^o

CORE SIZE

DATE LOGGED

SECTION

DIP TESTS:

LOGGED BY:

from	to	DESCRIPTION	SAMPLE N ^o	from	to	LENGTH						
		common h'line to 3 mm carbonate veinlets (cal- dol?) complimentary frac. sets in variety of orientations - generally 25° to c.a./ these commonly offset by fine hairline fracs., sparsely dis. f.gr. py	18891	116 m.	118 m							
		49.68 - 51.51 bleached creamy green crowded pebble to cobble agglom. pyroclastics commonly clots, streams and dis. gr. of py throughout matrix & assoc. with qtz.-calcite stringers (uncommon)	10-92	118	120							
		51.51 - 53.04 green aphanitic as at 44.14 - 49.68 above.	10-93	120	122							
		52.73 - 53.04 alt'n border phase/calcite @ 30 - 35° . @ 52.12 py grains and smears on fract. surfs., @53.04 grey and cream (bleached). agglom. pyroclastic scattered py grain; dis.	10-94	122	124							
		BOX 7 (51.51 - 54.10) (- 59.36) @57.61 in gr. matrix dust-tuff; agglomeratic - evidence of concentric-structure py grain 6 mm "boulders" of propylite: @56.88 - 57.30/ 57.55 - 57.76 (w. 20°f.g. py fract./ @ 58.22m	25-95	124	126							
		Box 8 (58.83 - 61.87) (- 67.72) @63.70 as above in mottley py on fract. surface & smears w. cal ± hem/ disturbed, locally clay-alt'd, bleached (up to 15 cm long)	10-96	126	128							
			40-97	128	130							
			10-98	130	132							
			6-99	132	134							
			10-18900	134	136							
			70-01	136	138							
			45-02	138	140							
			20-03	140	142							
			10-04	142	144							
			480-05	144	146							
			5-06	146	148							
			07	148m	150m							
			08	150	152							
			09	152	154							



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PROPERTY:

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DIP	LENGTH	ELEVATION	CLAIM N°
STARTED	CORE SIZE	DATE LOGGED	SECTION
COMPLETED	DIP TESTS:	LOGGED BY:	

PURPOSE:

from	to	DESCRIPTION	SAMPLE N°	from	to	LENGTH						
		74.25 - 77.72 greenish then maroonish agglom w. reg. sized pebble clasts/dis.coarsely granular sub-hedral py 2 - 5%	18929	192m	194m							
		@77.72 vein of carb. with py grains on margins @ 43°	200-30	194	196							
		77.72 - 83.36 grey matrix with greenish f.gr. vol. (andesite) clasts	80-31	196	198							
		(this and prev. unit hav v.few fract./fract. alt'n assmblage is just cal.)	1700-32	198	200							
		py in v.f.gr. dis. in this grey unit 1%	15-33	200	202							
			10-34	202	204							
			35	204	206							
			165-36	206	208							
			440-37	208	210							
	BOX 11	(80.31 - 83.21)										
		- 86.26)										
		83.36 - 83.67 mid to light green alt'n fine-med. gr. and	5-38	210	212							
		83.67 - 83.82 mixed irreg. agglom. sed(?)	60-39	212	214							
		-pyrocasitic with 7% py as v. coarse clots over 4 cm.	300-40	214	216							
		83.82 - 85.19 green aphanitic alt'd welded tuff (was "green aphanitic" as above (?))	41	216m	218.5m							
	BOX 12	(89.00 - 93.57) - v.fine py assoc. w.v. dark f.gr. clasts(?)	6-42	20'	30'							
		85.19 - 85.75 tumbled text.pyroclastic on vol. sed.	5-43	30'	40'							
		85.95 - 88.09 white to buff clasts (small pebbles) in crowded greyish matrix (reg. sorting) pyroclastic . @283' cal-py veins @ 55° and locally coarse clots py	44	40'	50'							
			45	50'	60'							
			46	60'	80'							
		88.09 - 80.53 lt green oblit. text. alt.tuff(?)	47	70'	80'							



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HOLE #2

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PROPERTY:

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 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					
		calcite on fresh surfaces common	18948	90'	100'						
		90.53 - 91.90 pebble agglom pyrocastic -f.gr.	10-50	110	120						
		diss. 1.2% calcite vein 42° with assoc. py -	6-51	120	130						
		2 mm wide. @91.14 qtz & grey soft accucular	20-52	130	140						
		sulphide STIBNITE(?) - py in fract. 3 mm	5-53	140	150						
		assoc. with stibnite/py in f.gr. + local	5-54	150	160						
		aggregations up to 1%									
		91.90 - 93.88 light bright green, soft alt'd	6-55	160'	170'						
		agglom.									
	BOX 13	(95.71 - 96.62) \angle 1% py as f.gr. to med.gr. dis.	20-56	170'	180'						
		- 99.67)									
		93.88 - 106.07 generally green, very soft	30-57	180	190						
		clay alt'd vari-text. agglom - tending to	210-58	190	200						
		green gumbo. @96.32 ghost banded alt. tuff(?)	165-59	200	210						
		with min. py.. @ 97.84 - 98.15 swirl text.	195-60	210	220						
		buff (pred. f.sp & greyish (silica) with	255-61	220	230						
		clots of py 1 cm X .5 cm av., otherwise few	430-62	230	240						
		scatt. py grains, alt'n structures @10°, 25°	70-63	240	250						
		and 50°/ cal veins & stringers common & cal									
		fract. coatings common.									
	BOX 14	(102.72 - 105.46) locally in this box 0.6 m	64								
		sections of rel. competent core/dis. py	135-65	250	260						
		common \angle 1 to 2%									
		106.07 rel. more competent core though	130-66	260	270						
		still quite clay altered.									
		106.68 white cream, locally banded text-orig	105-67	270	280						
		bedding 40°(?), assoc. clots of py from v.f.	95-68	280	290						
		gr. to 4 cm X 2 cm clumps	135-69	290	300						



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DIP TESTS:

PURPOSE:

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH						
		BOX 15 (107.9 - 110.95) - sl more competent than prev/	75-18970	300'	310'							
		- 114.0) vari-text green grey, locally	25-71	310	320							
		intensely clay-alt. pyrotlastic/dis py 1%	35-72	320	330							
		@113.62 py vein 5 mm 40°/ 114.36 - qtz veins	45-73	330	340							
		35°, 112.78 strong local dis. med.fm.gr. py	40-74	340	350							
		5% 5 cm apparent thin beds @ 40° to c.a./	35-75	340	360							
		2 cm buff tuffs - no coarse clastics										
		BOX 16 (117.04 - 120.09) as prev./locally v.strong	80-76	360	370							
		clay-alt'd /locally 2 - 5% py as granular	70-77	370	380							
		cubes/dis. as 1 - 2%.										
		@116.98 - 117.17 siliceous zone w. py 2%	25-78	380'	390'							
		112.01 - 121.31 - alt'n boundaries - orig.	40-79	390	400							
		bedding @ 40° - 60°/ sparse cal. veins	40-80	400	410							
		BOX 17 (123.14 - 126.19)										
		- 139.23)										
		128.02 competent pyroclastics - clay-alt'd	20-81	420	430							
		zones < 10 cm long down to 5% of vol.	10-82	430	440							
		@124.36 py veins 8 mm 56°/124.66 bedding	30-83	440	450							
		@50° locally short zones 10 cm of silicific	15-84	440	450							
		ation. 1/2 mm calcite veins rare/calcite on	15-85	450	460							
		fractures, rare/py clots uncommon.										
	128.02	py present in rel.coarse agglom.tuff - coarse	10-86	460	470							
		gr. locally up to 5%										
128.02	218.54	GREEN, MORE AND LESS ALTERED, ANDESITE FLOWS, LOCAL	30-88	480	490							
		F'DSPAR/TEXT./ Dis. py common	35-89	490	500							
		BOX 18 (132.28 - 135.33) - predom. green sl. to med.	30-90	500	510							
		alt. feldspar/andes. locally intensely alt'd	30-91	510'	520'							



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from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH							
		BOX 22 (156.97 - 160.02) sl more alt'd (minor white 163.07) dis. unit alt'n product (clay?) gen. green/locally stronger calcite as fine stringers incip. stockwork/locally dis. f.gr py up to 2% over 30 cm.											
		BOX 23 (165.81 - 168.55) 170.88 @163.37 dis. py assoc. w. 50° fract. 5% over 3 cm. 161.54 - 158.55 re. fewer cal. stringers 168.55 - 170.38 broken zone with crushed appear. brecciated with gougy matrix ± cal. esp. 169177 - 170.38 has assoc. vein py @ 30°±											
		BOX 24 (172.21 - 175.26) green to grey + maroonish grey f'sp & andesite/calcite veins & stringers common/generally fresh appearance @177.09 py @ 45° over 1 cm/py in some fract. (scarce) < 5° grey clay on fract. slips 25-30 common also some py slips. @179.83 py & po veins @ 45°											
		BOX 25 (178.92 - 181.97) 180.14 0 183.18 cream to buff alt'd zone very common black fine.gr. wisps/v.common py veins & fract.s fillings/ -50 - 60° common 182.36 - 182.51 3% v. f.gr. dis. arsenopy - not closely assoc. with py.											

Avg. sulphide 1%

