



LOCATION:			
AZIMUTH:		PROPERTY:	
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(55.40-) generally pervasively sl.sanss (57.30)	18674	40	42						
		@54.1 shear zone 10 cm	75	42	44						
		@54.1 -54.7 scattered clots of py	76	44	46						
		Box 8(60.65 65.23) (63.89) @54.7 - 58 patchy dis. granular py av. 2%	77	46	48						
		Box 9(67.97 73.15) @60-62 m l-2% dis. py, f.gr to (70.30 v.f.grained	78	48	50						
		@ 73.6 25 ca. calcite + min. qtz. veins 8mm	79	50	52						
		@ 73.8 -74.2 - shear zone w. gouge, bleaching at 20-30° to c.a.	80	52	54						
		- rock mod. hard with 2-5% creamy white f.gr. alt'n product (clay(?) sericite(?) common feature this hole	<i>an 45</i> 81	54	56						
		Green more or less altered (saturated) vol.	<i>an 5</i> 82	56	58						
			<i>an 5</i> 83	58	60						
31.55	cont'd		84	60	62						
		Box 10(76.2) (79.25) @74.68-78.03 mottled text. oblit gr. boundaries, up to 7% py; dis. assoc.w. cal. stringers	85	62	64						
		@74.83 mod. shearing @ 30°	86	64	66						
		@76.81 qtz-cal veinlet @ 70°	87	66	68						
		@79.23 strong fract. + shearing(?) 15°	88	68	70						
		@79.86 hem-py. cal vein @ 30°, 4mm wide	89	70	72						
		v. common cal. stringers → stockwork	<i>an 25</i> 90	72	74						
			<i>an 5</i> 91	74	76						



JMT Services Corp.

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HOLE NO. C-80-2

LOCATION:
AZIMUTH

PROPERTY:

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

PURPOSE:

ALTERED FLOWS & AGGLOMERATES

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH						
		Box 11 (82.30 87.17)										
	(85.34)	-similar to previous box with increase in carbonate veins and stringers, esp. at low angles to c.a.	18692	76	78							
			93	78	80							
		Box 12 (90.22) @87.94 calcite matrix incip. brx	94	80	82							
	(92.27)	25-30° to c.a. This box generally mid-green, perv. alt'd; texture almost crowded \emptyset (feldspar)	95	82	84							
		decreased calcite stringers but still common on fractures	96	84	86							
		@ 91.2 cal. + grey gouge 20° to c.a.	97	86	88							
		12 mm wide	98	88	90							
		92 calcite 30°	99	90	92							
		94.8 sub-ll stringers red hem. + cal. over 100 cm, 55° to c.a.	18700	92	94							
		@91-93 m spotty, fract. py (grains); v. min. dis. py	01	94	96							
		Box 13 (96.32) generally more strongly altered,	02	96	98							
	(99.37)	tendency to lighter green	An 5 (03)	98	100							
		95-95.6 strongly bleached	04	100	102							
		97.54 -98.91 creamy col ("propylite")	05	102	104							
		- grades into med. green pervasively altered (sans) w. common white to buff f.gr. dis. clay(?) alt'n	06	104	106							
		@98.21 35° to c.a.; gtz +al. +py veins	07	106	108							
		@98.39 gouge @ 30-35°	An 5 (08)	108	110							
			09	110	112							
			18710	112	114							



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HOLE #2

C-80-2

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						
31.55	cont'd	Box 14 (102.41) as prev. to 106.68 - locally strong cal. veining. decrease in white dis. alt'n product (f.gr) (clayS?) - dk green chlorite + cal + min. hem. common; on fract. 50°-70°	18711	114	116							
		(105.46) 106.68 - lighter green, perv. alt'n - increase in white alt'n product	An 15 12	116	118							
		@107.29 small shear @35°, 2 cm white calcite + grey gouge	An 10 13	118	120							
		@109.12 cal + qtz + py clots; 40°; 7mm	An 5 14	120	122							
			An 5 15	122	124							
			16	124	126							
			An 5 17	126	128							
		Box 15 (111.56) - gen. green to light green perv. alt'n (114.61) (sans)	An 5 18	128	130							
		@113.39 cal + hem @15°) + thin carb.	An 40 19	130	132							
		@114.91 " " @5-10°) stringers	An 10 20	132	134							
		Box 16 (117.65) - as above w. increased intensity, alt'n (120.70) from 120.7	An 20 21	134	136							
		@126.04; 10° carb, v, with strong clotty py in	An 30 22	136	138							
129.24	Box 17 (123.75) 20 cm zone creamy intense alt'n zone (126.80) @129.24 begin zone of:- (129.54)		An 10 23	138	140							
		cream to light green, commonly clay alt'd (soft) vol. with massive py stringers and clots; black-grey matrix (sulphide mylonite(?) common; -	An 35 24	140	142							
			An 2650 25	142	144							
			An 250 26	144	146							
			An 10 27	146	148							

MORE INTENSELY
 ALT'D FLOWS &
 AGGLOMS.
 INCREASED
 SULPHIDES

ALTERED FLOWS & AGGLOMERATES



JMT Services Corp.

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HOLE NO: C-80-2

LOCATION:
AZIMUTH:

PROPERTY:

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

PURPOSE:

MORE INTENSELY ALTERED ANDESITE
AGGLOMERATES & FLOWS:
INCREASED SULPHIDE

DYKE?

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH						
		Box 18 (132.89) 130.30 - 130.70 @20-35° w py	An 5 18728	148	150							
		(135.94) 131.37 - 131.67 A35-40° 5 sub-11 fract fill.	An 200 29	150	152							
		132.59 - 132.89 @ 40°	An 300 30	152	154							
		Box 19 (132.59) 134.72 - 135.03 brx 15-20°+ sulphide (f.gr)	An 10 31	154	156							
		(129.30) 136.25 - 136.55 @25°+ sulphide	An 10 32	156	158							
		(141.73) 137.62 @ 25°	An 10 33	158	160							
		(144.17) @139.9 qtz. v. 25°	An 5 34	160	162							
		@140.51 qtz. @ 10°	An 5 35	162	164							
		142.34 - 142.95; qtz. them within section	An 45 36	164	166							
		@145.2 15-20° sulphide (py) + gouge	An 1400 37	166	168							
	145.5	med. green prevasively alt'd feldsp. ∅ flows(?)	An 1560 38	168	170							
145.5		Box 20 (147.27) locally oblit. text. mafic minerals	An 20 39	170	172							
		(149.96) med. to dk green chloritized grains/ uncommon sulphide - f.gr.py grains on fract. surfaces with cal./white f.gr	An 10 40	172	174							
		dis.unid.alt'n product(1-2%)/dark green chlorite slips & fract. coatings	An 460 41	174	176							
		@145.6 low angle (15-20°) sulphide(py) + gouge	An 75 42	176	178							
		@151.3 cm 50° crush zone py + qtz + cal.	An 5 43	178	180							
	150.8	Cream-alt'n phase (incip "propylite"); crowded feldspar /common sulphide-chlorite-calcite- fract. & veins (2-4/mm)	An 25 44	180	182							
			An 40 45	182	183							
			An 25 46	184	186							
150.8			An 5 47	186	188							



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HOLE #3

C-80-2

PROPERTY:

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

PURPOSE:

GREEN, ANDESITIC INTERMEDIATE
ALT'N FACIES: MOD. SULPHIDES

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH					
150.8	con't	@167.18 - 171.30 generally creamy green rel comp't section of incip. brx or heated crush zone (rel. large frags: 1-4 cm) commonly w. podiform qtz. esp. 167.49-168.55 which has v. high qtz. + 7% dis. sulphide; high carbonate @ 169.32 gouge over 3 cm @60° to c.a. @171.30-173.43 rel. dk. green (med. gr.) with mafics - calcite stringers, rare sulphide @173.43-175.57 locally more intensely alt'd qtz -py-cal.	Sludge 18778	199/60.65							
			79	63.7							
			80	65.23							
			81	68.27							
			82	71.32							
			83	74.37							
			84	77.42							
		Box 24 (174.65) veins 40-70° common-creamy cal./2-7%dis. (177.70) & clotty py assoc. with fract.	85	80.74							
		174.65 30° gouge 2 cm (grinding)	86	83.51							
		@175.57-176.17 med.gr. stockwork-fract. cal.-mod. perv. alt'n.	87	86.54							
		@176.17-177.24 creamy col. oblit. text. as 173-175 above, sub-ll 45 - 65° cal +py veins & fract. coatings	88	89.61							
		@176.78-177.09 sil. incip brx. zone/ fine blk stockwork of mylonitized(?) sulphide(py)+ few grains, v. yellow py (most py v.pale -As(?))	89	92.66							
		@177.24 green mod.pervas. alt'd w buff fine grained alt'd product (clays?) minor v.f.gr. dis.py assoc. w. hem fract.	90	95.71							
			91	98.75							
			92	101.8							
			93	104.85							
			94	107.9							
			95	110.95							
			96	114.							
		Box (100.70)									
		(183.44) as above	97	117.04							
		(186.54) @180.29 qtz splash/@180.75 cal+blebs py	98	120.1							



JMT Services Corp.

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MOLE NO. C-80-2A

LOCATION:

AZIMUTH:

PROPERTY: COURTE-RILEY

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							
0 m		Box 1 5.78 casing to 4.57 various boulders(?) to 6.71 5.78 mostly metallic gray agglomerate 7.92 @6.10 m py clots 9.45	18764 65 66 67 68 69 70 71 72 73 74 75 76 77	4.6	6								
		5.74 - 13.11 similar to prev. 13.11 - 17.98 gradational contact to altered sect. 17.98 - 29.57 greenish grey gumbo with hem stain common throughout, commonly at 60 - 80° to core. commonly assoc. with sulphides											
20.27	29.57m 20.57 31.1m	Box 3 18.74 Andesetic flows 29.57 - 31.09 rel. more coherent 22.71 core: greenish alt'n:carbonate 24.08 common 26.52		30	31.1								

Done

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



JMT Services Corp.
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HOLE #

C-80-3

PROPERTY: Courte

DIP: -45°

LENGTH: 218.54 m (limit of rods) ELEVATION

CLAIM #

STARTED: Mar. 7, 1980

CORE SIZE: B.O.

DATE LOGGED: Mar. 18, 21/80

SECTION:

COMPLETED: Mar. 17, 1980

DIP TESTS: -

LOGGED BY: C.H.

PURPOSE:

from	to	DESCRIPTION	SAMPLE #	from	to	LENGTH						
0	4.57	Casing - o/burden	18835	5.49	6							
4.57		Green-grey, maroon, buff, commonly clay altered, vari-textured, pyroclastic common dis. sulphide, predom. py. w. minor po, v. min. arseno carbonate veins & fracture coatings rare	36	1	7.92							
			37	7.92	10.36							
			38	10.36	13.11							
			39	13.11	14.17							
7.42	10.36	Box 1										
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 and frags.	48	30	32							
14.17	14.93	Box 2 some ground core 17.68 - 17.98	49	32	34							
17.07	18.59	19.51-19.81 atz +chloritic wisps & stringers	18850	34	36							
	20.42	18.81-21.58 grey dust, pinkish agglom. tuff	51	36	38							
		lower contact sl. shearing @70° some red hem. alt'n	52	38	40							
21.58	23.17	pinkish-bleached alt'd tuff & agglom. deuteric(?): carb. veins in f.gr. buff-grey tuff	53	40	42							
			54	42	44							
23.01	25.60	Box 3 22.86 -23.16 pink (hem?) stain, rel. strong	55	44	46							
	28.65	23.16 -25.30 grey, soft. clay-alt'd. agglom, duet. tuff	56	46	48							
		25.30 -26.21 greenish agglom. rel. coarse gr. 12% mafics/f.gr. diss. py.	57	48	50							



JMT Services Corp.

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MOLE NO. C-80-3

PROPERTY:

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

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH					
		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	18858	50	52						
		26.21 -33.31 vari-text. d. greenish-grey agglom. pyroclastics grey - greenish fragments in grey tuff/dis. py 3-5%	59	52	54						
			60	54	56						
			61	56	58						
		Box 4 31.39 33.53 cont'd. with low to intermediate angles to core of sulphide slips(common)/locally (e.g.28.65) strong (10%) clotty aggregates of f. gr. py/sparse carb. viens/min. carb. alt'n with clay alt'n	62	58	60						
		@28.65 cal-gypsum +py. smears @15°	63	60	62						
		@32.31 podiform qtz.stringers +py over 10 cm chlorite-cal-hem & fract-coatings	64	62	64						
		33.31-35.97 grey matrix w. creamy white-buff alt'd tuff/grades to pink matrix w. white (- green) rel. unaltered frags. of andes. w. discernable mafics	65	64	66						
		35.97-39.47 tending to greenish alt'n cast by	66	66	68						
		36.73 uncommon to rare coarse py aggregates	67	68	70						
		@33.22 3cm X 1cm py mylonite wi assoc. f.gr.dis.py	68	70	72						
		@33.68 40°hem.+clay alt'n zones & fract.	69	72	74						
		fine gr. dis. py common over 20 cm	70	74	76						
		@38.1 begin sect. v.much larger frags. up to 15cm large diam.	71	76	78						
		Box 5 -to 39.47/locally white-creamy bleached zones up to 10 cm with py as med.gr.blebs,clots &grains	72	78	80						
		@34.37 hem. in stringers @ 25°up to 4mm wide	73	80	82						
		37.95 qtz strands up to 3mm wide 20°to c.a.	74	82	84						
		39.01 py assoc. w. irreg. cal. stringers (coarse clots)	75	84	86						
			76	86	88						
			77	88	90						
			78	90	92						
			79	92	94						
			18880	94	96						
			81	96	98						
			82	98	100						



JMT Services Corp.

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MOLE # C-80-3

PROPERTY:

LOCATION: _____

 AZIMUTH: _____

 DIP: _____

 STARTED _____

 COMPLETED _____

 PURPOSE: _____

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

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH						
		39.47-41.0 grey matrix polymictic agglom w.	18883	100	102							
		pyrocl. common crushing-shearing (av.) 18% coarse py	84	102	104							
		v. soft clay alt'd. grains & clots assoc. w. fract.	85	104	106							
		in place of shearing, hem(?) stain common & assoc.	86	106	108							
		w. crushed py clots										
		41.0-43.43 grey agglom. w. crowded text. poorly	87	108	110							
		sorted pyroclastic -light grey over-all	88	110	112							
		43.89 -44.14 bleaches → green gradation contact	89	112	114							
44.2	46.48	Box 6 -(through alt'n facies)										
47.55	49.99	green aphanitic crystal tuff w. common h'line to	90	114	116							
		3mm carbonate veinlets (cal -dol.) complimentary	91	116	118							
		frac. sets in variety of orientations- generally	92	118	120							
		25° to c.a. /these commonly offset by fine	93	120	122							
		hairline frags., sparsely dis. f.gr. py	94	122	124							
		49.68-51.51 bleached creamy, green crowded pebble	95	124	126							
		to cobble agglom. pyroclastics commonly clots,	96	126	128							
		streamers and dis.gr. of py throughout matrix &	97	128	130							
		assoc. with qtz.-calcite stringers (uncommon)	98	130	132							
		51.51-53.04 green aphanitic as at 44.14-49.68 above	99	132	134							
		52.73-53.04 alt'n border phase/calcite @30-35°	18900	134	136							
		@52.12, py grains and smears on fract. surfs.	01	136	138							
		53.04 grey and cream(bleached) agglom. pyroclastic	02	138	140							
		scattered by grain dis.	03	140	142							
51.51	54.10	Box 7 @57.61 in gr. matrix dust-tuff; agglomeratic	04	142	144							
	56.39	- evidence of concentric-structure py grain 6mm	05	144	146							
		"boulders" of pyopylite: @56.88 -57.30/57.55	06	146	148							
		57.76(w. 20° f.gr.py fract./@58.22-58.52	07	148	150							



JMT Services Corp.

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

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STARTED:	CORE SIZE:	DATE LOGGED:	SECTION:
COMPLETED:	DIP TESTS:		LOGGED BY:
PURPOSE:			

from	to	DESCRIPTION	SAMPLE NO	from	to	LENGTH						
		@77.72 vein of carb. with py grains on margins 3mm @ 43°	18931	196	198							
			32	198	200							
		77.72-83.36 grey matrix with greenish f.gr. vol (andesite) clasts	33	200	202							
		(this and prev. unit have v.few fract./fract. alt'n assemblage is just cal.)	34	202	204							
			35	204	206							
		py in v.f.gr. dis. in this grey unit 1%	36	206	208							
			37	208	210							
80.31	83.21	Box 11 - 83.36-83.67 mid to light green alt'd fine-	38	210	212							
	86.26	med gr. and.										
		83.67-83.82 mixed irreg. agglom. sed(?) - pyroclastic	39	212	214							
		with 7% py as v. coarse clots over 4 cm	40	214	216							
		83.82-85.19 green aphanitic alt'd welded tuff (was "green aphanitic" as above(?)/see over sulphides.	41	216	218.5							
89.00	93.57	Box 12 - v.fine py assoc. w. v dark f.gr. clasts(?)	42	220	230							
		85.19-85.75 tumbled text. pyroclastic on vol.sed.	43	230	240							
		85.95-88.09 white to buff clasts (small pebbles)	44	240	250							
		in crowded greyish matrix (reg.sorting) pyroclastic	45	50	260							
		@283' cal-py vein @55° and locally coarse clots py	46	60	270							
		88.09-90.53 lt. green oblit. text. alt. tuff(?)	47	70	280							
		calcite on fresh surfaces common	48	90	100							
		90.53-91.90 pebble agglom pyroclastic-f.gr.diss	18950	110	120							
		1.2% calcite vein 42° with assoc. py-2 mm wide	51	120	130							
	*	@91.14 Qtz & grey soft accicular sulphide	52	130	140							
		STIBNITE(?) - py in fract. 3mm assoc. with	53	140	150							
		stibnite/py in f.gr.+local aggregations up to 1%	54	150	160							
		91.90-93.88 ligh bright green, soft alt'd agglom.	55	160	170							



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MOLE N^o: C-80-3

PROPERTY:

LOCATION:
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DIP:	LENGTH:	ELEVATION:	CLAIM NO:
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COMPLETED:	DIP TESTS:	LOGGED BY:	

PURPOSE:

from	to	DESCRIPTION	SAMPLE N ^o	from	to	LENGTH								
95.71	96.62 99.67	Box 13 - <1% py as f.gr. to med.gr. dis. 93.88-106.07 Generally green, very soft clay alt'd vari-text. agglom-tending to green gumbo @96.32 ghost banded alt. tuff(?) with min.py @97.84-98.15 swirl text. buff (pred.f'sp & greyish(silica) with clots of py lcm X.5cm av. otherwise few scatt. py grains , alt'n structures @10°,25° and 50°/cal veins & stringers common & cal.fract. coatings common	18956	170	180									
			57	180	190									
			58	190	200									
			59	200	210									
			60	210	220									
			61	220	230									
			62	230	240									
102.72	105.46	Box 14 - locally in this box 0.6 m sections of rel. competent core/dis py common, <1 to 2% 106.07 rel. more competent core though still quite clay altered. 106.68 white cream, locally banded text-orig bedding 40°(?), assoc. clots of py from v.f.gr. to 4 cm X2 cm clumps	64											
			65	250	260									
			66	260	270									
			67	270	280									
			68	280	290									
107.90	110.95 114.0	Box 15 - sl. more competent than prev./vari-text green gray, locally intensely clay-alt. pyro- clastic/dis.py <1% @112.62 py vein 5 mm 40°/ 114.36 qtz veins 35° 112.78 strong local dis. med.fn.gr. py 5% 5 cm apparent thin beds @40° to c.a./2cm buff tuffs - no coarse clastics	69	290	300									
			70	300	310									
			71	310	320									
			72	320	330									
			73	330	340									
117.04	120.09	Box 16 - as prev./locally v.strong clay-alt'd/locally 2-5% py as granular cubes/dis. as 1-2% @116.98-117.17 siliceous zone w py 2%	74	340	350									
			75	350	360									
			76	360	370									
			77	370	380									
			78	380	390									

