'79-#413-#7499

DIAMOND DRILLING REPORT ON
THE 92P/8 CC GROUPS OF
CRAIGMONT MINES LIMITED, ON
CHU CHUA MOUNTAIN, KAMLOOPS M.D.
BY N.B. VOLLO, P.ENG.
OCTOBER 4th, 1979

7499

ASSESSMENT REPORT

TYPE:	DIAMOND DRILLING
CLAIMS:	CC-1 to 11 inc.
MINING DIVISION:	KAMLOOPS
NTS LOCATION:	92P/8E
LATITUDE:	51°23'
LONGITUDE:	120°04'
OWNER:	CRAIGMONT MINES LIMITED
OPERATOR:	" " "
AUTHOR:	N.B. VOLLO, P.ENG.
DATE:	OCT. 4th, 1979

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 7499

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Drill logs, Holes CC-24
to CC-44 inclusive

Drill Plan - 1:2500 (in pocket)

LOCATION AND ACCESS

The CC group is located on Chu Chua Mountain, about 20 km north of Barriere, and is readily accessible by four wheel drive vehicles from the Birk Creek logging road.

CLAIMS

The property consists of the following claims:

CC-1, record number 1154
CC-2, -3, record numbers 1373, 1374
CC-4, -8, " " 1424, 1428
CC-5-7, 9-11, record numbers 1455-57, 1458-60,

totalling 150 units, all in the Kamloops M.D. and held by Craigmont Mines Limited.

HISTORY AND PREVIOUS WORK

Claims have been held previously in the immediate area but little work was done. A stream sediment survey in 1977 by Vestor Explorations Ltd. located a large gossan on the south slope of Chu Chua mountain, anomalously high in copper. This gossan, apparently transported from higher up slope, was traced by the writer to its source, where it consists of a small (10 m^2) limonite gossan near a northerly striking massive magnetite body. The property was optioned and subsequently drilled. A total of 2843 m in 23 holes was completed in 1978

GEOLOGY

The property is underlain by rocks of the Fennell formation (Campbell, R.B., and Tipper, H.W., GSC Mem. 363, 1971). These consist predominantly of andesites and dacites, some of which are pillowed, and minor rhyolite and tuffite, that strike north, dip steeply and face west. A body of massive sulfides occurs conformably, and interbedded with massive magnetite, within a rhyolite flow breccia, enclosed by dacite flows. The sulfide zone is composed mostly of pyrite, with lesser chalcopyrite, minor sphalerite and less than 20% gangue minerals.

DRILL PROGRAM

A total of 3329 m in 21 holes was diamond drilled to delimit the sulfide zone and explore on strike and nearby conductors. The sulfide zone was not appreciably extended and the conductors proved to be due to graphitic cherts.

CORE STORAGE

Core is stored in racks on site.

QUALIFICATIONS

The core was logged by the writer, who obtained a BA in Geology from the University of Saskatchewan in 1950, an MSc in Geology from McGill University in 1959 and who has practiced his profession for 29 years.

N.B. Vollo, P.Eng
Oct. 4th, 1979

STATEMENT OF EXPENDITURES

CC-1 Claim

DDH's CC-24 to 33 inc., CC-36, CC-38, CC-40 to 42 inclusive, 2655 m at $44.61/m	$118,434
Snowplowing, road building, 138.5 hrs at $30/hr	4,155
Total	$122,589

CC-4 Claim

DDH's CC-34, CC-35, CC-37, CC-39, 480.5 m at $52.10/m	$ 25,035
less CC-37, previously filed	- 7,205
subtotal	17,830
Roadbuilding, 49 hours at $30/hr	1,470
Total	$ 19,300

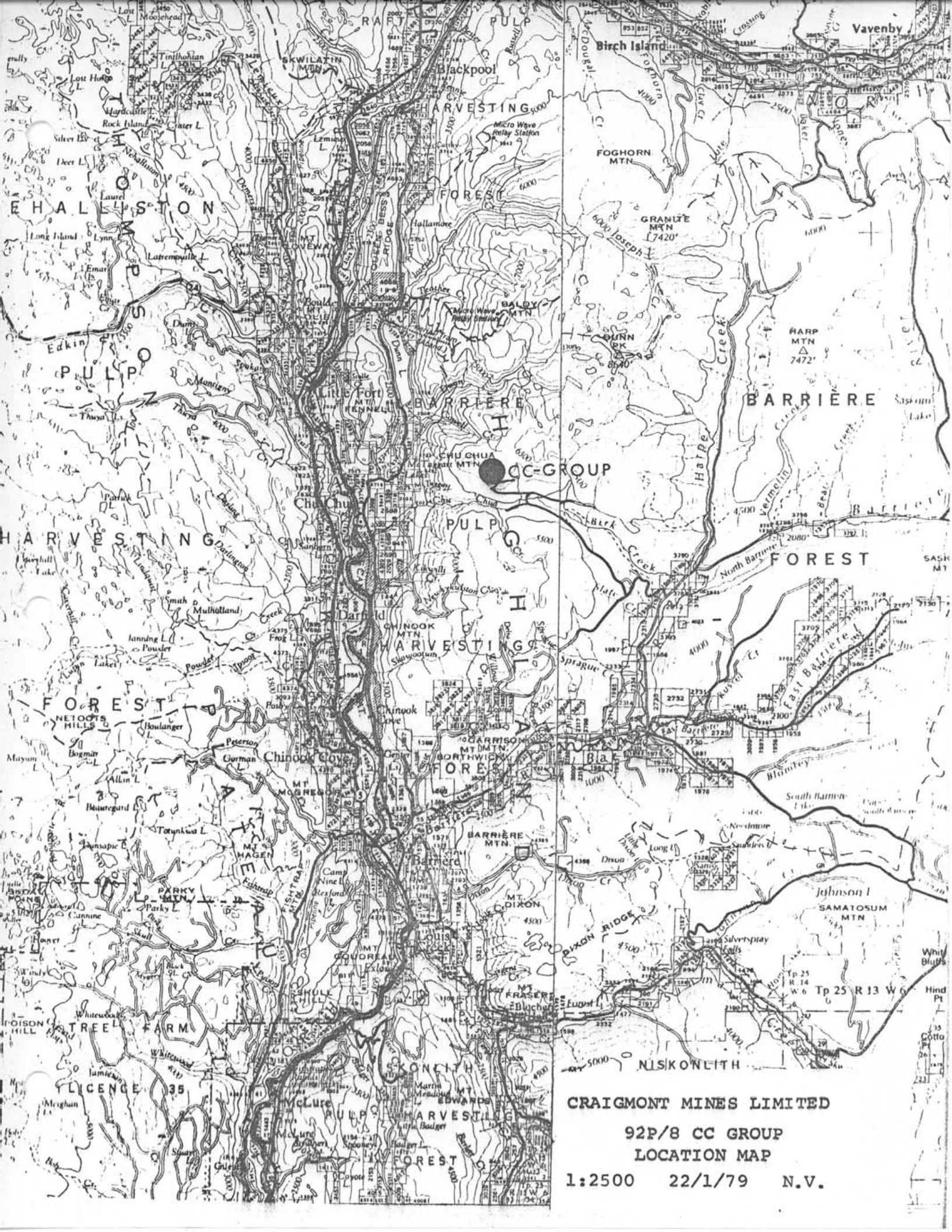
CC-7 Claim

DDH's CC-43, CC-44, 194.3 m at $50.56/m,	$ 9,824
Roadbuilding, 38 hours at $30/hr.	1,140
Total	$10,964
Grand Total	$152,853

CONTRACTORS

Diamond Drilling - H. Allen Diamond Drilling Ltd.
Box 1397,
MERRITT, B.C.

Road Building - Lewis Bloomfield & Son Ltd.
Box 196,
BARRIERE, B.C.



CRAIGMONT MINES LIMITED

92P/8 CC GROUP

LOCATION MAP

1:2500 22/1/79 N.V.

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-55°	East
100	-53	
200	-56°	
300	-66°	

PROPERTY 92H/8 CC CLAIM CC.1 HOLE NO. CC-24
LATITUDE STARTED May 10/79 CORE SIZE BQ
DEPARTURE FINISHED May 24/79 SECTION 10000 N 9801.5 E
ELEVATION 1780 TOTAL LENGTH 304.0 LOGGED BY N.G. Dill

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
1.0	Dacite - heavily fractured, rusty -										
	4.5 - becomes fresh, fine grained, light grey green, coarsely pillowed & very hard.	2-3% fine diss Po throughout									
	there are probably several flow units, some are fairly uniform massive, others with breccia and frequent pillows										
160											
195.2	Andesite - Fine to medium grained, darker, with a pillowed zoisite-epidote matrix - fairly good pillow selvedges.										
	211.0 - becomes fine grained, fairly massive - matrix is still saussuritic, originally plagioclase										
214.0	Dacite - light grey green, fine to aphanitic,										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/PCC HOLE No. CC-24 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	very hard, with widely spaced pillow margins Broken core to										
269.4	Andesite- Green, medium grained, quite massive - matrix is epidote rich. Sharp 55° CA chilled contact to										
270.2	Tuffite- light buff to grey, thinly bedded 45° to massive-	1-2% Py Cp									
			2455	270.0	273.6	1.6	1.54		0.09	0.34	5.6
273.6	Massive Sulfides- poorly banded 50° with a siliceous matrix Sharp 55° contact to	60% Py Cp	2456	273.6	274.6	1.0	0.68		0.71	0.31	5.6
274.6	Rhyolite- Grey, brecciated, with 30% white quartz.	Spse Py	2457	274.6	276.0	1.4	0.72		0.76	0.75	26.1
	278.0 - buff coloured, fine grained rhyolite rock, weakly brecciated 10 cm mud and gouge to	Spse Py									
	282.3 - mostly grey, siliceous - strongly fractured and broken	Spse Py									

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-24 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	with sections of										
	healed breccia. May										
	be a tuffite, but										
	no definite bedding can										
	be seen.										
	broken core to										
288.9	Dacite - light grey										
	green, fine to										
	aphanitic, in part										
	coarsely brecciated										
	and laced by fine										
	qtz - zoisite - calcite										
	stringers										
304	END										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-55°	East
160	-53°	

PROPERTY: 92C/ECC
CLAIM:
HOLE NO.: CC-75
LATITUDE:
STARTED: May 15/79
CORE SIZE: BQ.
DEPARTURE:
FINISHED: May 22/79
SECTION: 9950 N 9899 E
ELEVATION: 1784
TOTAL LENGTH: 160.6
LOGGED BY: N.G. Wells

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
1.0	Dacite - light grey green, very fine, with numerous pillow selvedges, some containing breccias.	Minor disl po									
	Minor veining throughout, mostly zeolite, but some qtz calcite	0.1m py at 52.9.									
	fairly sharp contact to										
53.5	Massive sulfides - Fine grained, poorly banded. both contacts at 45° but not parallel - this is probably a sulfide boulder	80% Py	2451	53.5	53.8	0.3	0.24		0.12	Tr	Tr
53.8	Dacite - light grey green very fine, somewhat fractured healed by dark siliceous material and zeolite veins	Minor disl po									
	64.0 - becomes fresher with distinct pillows	minor Po									
	96.0 - becomes carbonatized										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92A/8W HOLE No. CC-25 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	but retains good pillow selvedges etc.										
	Sharp 40° contact										
96.3	Talc magnetite zone - somewhat crenulated and brecciated. Sharp 35° contact to	50% mag, 10% Py									
96.8	Massive sulfides - fine grained, poorly banded Sharp 45° contact to	90% Py cpy	2452	96.8	97.7	0.9	0.59		0.45	Tr	Tr
97.7	Talc magnetite - coarse textured, brecciated or fragmental -	70% mag Py cp	2453	97.7	98.5	0.8	0.72		0.06	0.41	13.0
98.5	Talc zone - grey, fractured and sheared 70-80° CA., veined by serpentine and Mg silicates - patches and blebs of magnetite	1-2% Py as occ strgs and very cse xtls. 10% mag									
134.2	Magnetite - fine grained, massive, with sections of talc Poorly defined, almost gradational to	5% Py as cse blebs	2454	134.2	141.6	1.8	0.07		0.01	0.55	6.9
141.6	Dacite - light grey green, very fine, partly a breccia, partly a flow										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/FCC HOLE No. CC-25 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	brecciated, fractured										
	and healed by hard										
	dark grey silicate										
160.6	End										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-55°	East
85.0	-57°	—

PROPERTY: 92 P/8 CC
CLAIM: CC-1
HOLE NO.: CC-26
LATITUDE:
STARTED: May 23/79
CORE SIZE: BQ
DEPARTURE:
FINISHED: May 29/79
SECTION: 9950 N, 9958 E
ELEVATION:
TOTAL LENGTH: 85.0
LOGGED BY: N.E. Kollo

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
3.0	Dacite - light grey green, fine to aphanitic, with numerous pillow selvedges. Short breccia sections. 10 cm 60° qtz calcite veins at 16.6, 17.4. Scattered 1-2 mm qtz calcite stringers throughout. Broken core to										
31.5	Sulfide Zone - mostly fine grained uniform with patches of healed breccia. Sharp 50° contact to	80% Py Cp Sp	2458	31.5	35.0	3.5	2.06		0.08	0.62	4.8
		" " " "	2459	35.0	40.0	5.0	0.94		0.07	0.34	5.8
		" " " "	2460	40.0	46.0	6.0	0.55		0.19	0.55	3.0
46.0	Magnetite - quite massive, cut by 5-10% fine veins of qtz (?). Pyrite occurs as irregular veinlets and disseminations. Scattered talc bands up to 0.3 m in length. 3 cm gouge at 65.7	90% mag - 5% Py	61	46.0	50.0	4.0	0.07		0.08	0.21	2.0
		" " " "	62	50.0	55.0	5.0	0.18		0.03	Tr	2.0

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92F/8 CC HOLE No. CC-26 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	becomes more pyritic within 1 m of fairly sharp contact to										
66.4	Sulfide Zone - fine grained, quite uniform, with a few 1 cm qtz magnesite (?) veins about 75-80° CA.	90% Py Cp	7463	66.4	69.0	2.6	1.03		0.27	0.75	9.9
69.0	Fault ? - breccia and muddy gouge										
69.5	Talc zone - coarse textured, with 50% talc.	5-10% Py									
71.0	Dacite - light greenish grey mod fractured and laced with dark qtz stringers - a little calcite as stringers and carbonatization.										
85.0	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-55°	East
100	-57°	
200	-58°	

PROPERTY 92F/E CC CLAIM CC-1 HOLE NO. CC-27
LATITUDE STARTED MAY 30/79 CORE SIZE BQ
DEPARTURE FINISHED June 12/79 SECTION 10050 N 9825 E
ELEVATION 1790 TOTAL LENGTH 267.0 LOGGED BY W.R. Kirk

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
1.0	Dacite - Fractured, rubbly and rusty with a little malachite staining										
	7.0 - becomes light grey green, fine to aphanitic, with widely scattered pillow selv-edges - irregular zonite-qtz stringers throughout.	1% fine diss Fe, occ. 1mm blebs									
	Irregular, sharp, contact to										
151.3	Andesite: green, fine, with incipient flow breccia structure. Dusted heavily with fine white leucoxene. Very sharp, chilled, irregular micro faulted contact to	1% Fe									
158.3	Dacite - light grey green, fine to aphanitic	1% Fe									

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-27 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	with widely spaced yellow selvedges, some of which may be contacts between flow units.										
	Matrix more saussuritized than in upper										
145	dacite. ~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	~~[illegible]~~										
	chilled 50° contact										
	F3										
162.3	Andesite - green fine to medium grained, with yellow saussuritic matrix										
190.3	Dacite - light grey green fine to aphanitic pillowed.										
	219.0 - becomes lightly										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 920/CC HOLE No. CC-27 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	fractured and broken.										
	Becomes chilled, bleached										
	near sharp 40° C axis										
	contact to										
230.6	Rhyolite - light grey	1-2% Py									
	to buff coloured, mod										
	fractured and cut by										
	qtz-calcite stringers										
	Sharp 25° contact to										
234.6	Sulfide zone - banded	70% Py Cp	2473	234.6	235.0	0.4	1.70	~~0.14~~	~~0.24~~	0.48	63
	qtz and sulfides, with										
	banding near // to core										
235.0	Rhyolite Fragmental -	2-3% Py									
	coarse siliceous frag-										
	ments in a dark, soft										
	matrix. Fragments to 10cm.										
	Sharp 45° fault contact										
	to										
238.4	238.4 - darker grey,	2-3% Py									
	more massive										
	240.5 - light grey very	5% Py									
	siliceous laced with										
	dark fractures - a										
	very coarse fragmental?										
	Grades to										
249.4	Sulfide zone - banded	60% Py Cp	2474	249.4	250.4	2.0	1.03	~~0.07~~	0.07	0.51	36
	0-45°, with coarse frag-										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92H/2CC HOLE No. CC-27 SHEET No. 4 of 4

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	ments of ~~phyllite~~ in										
	sulfides - 45° gouge										
	seam to										
251.4	Phyllite - a light	10-20% PyCp	2075	250.4	252.8	2.4	0.08		006	053	21
	grey siliceous breccia										
	with a pyritic matrix										
	15 cm 25° gouge										
	seam to										
252.8	Andesite - green,										
	fine, fairly massive										
	and mod. carbonatized										
	260.0 - becomes										
	unaltered, massive										
267.0	EOH										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-55°	East
100	-53°	

PROPERTY: [illegible]/8cc
CLAIM: CC-1
HOLE NO.: CC-28
LATITUDE:
STARTED: May 30/79
CORE SIZE: BQ
DEPARTURE:
FINISHED: June 12/79
SECTION: 9900 N 9890 E
ELEVATION: 1776
TOTAL LENGTH: 150.0
LOGGED BY: N B Vollo

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
0.5	Dacite - light grey green, fine to aphanitic, very hard - scattered pillow margins - widely scattered zoisite stringers, occasional qtz veinlets to about 5 cm -, and which trend roughly // to core.										
	Very sharp, irregular contact, offset about 1 cm on a perpendicular qtz stringer.										
97.1	Massive Sulfides	60% Py Cp	2464	97.1	100.0	2.9	1.23	↑	039	0.69	6.8
	Fine grained, coarsely fragmental in part, with 20% inclusions of altered, carbonatized dacite							1.79			
	99.7 - becomes quite massive, with occasional faint banding and fragments. A few qtz-zoisite veinlets.	90% Py Cp	65	100.0	105.0	5.0	1.39		013	0.69	8.6
		" " "	66	105.0	110.0	5.0	1.11	2.79	021	0.41	2.4
		" " "	67	110.0	115.0	5.0	2.09		071	0.37	6.5
		" " "	68	115.0	120.0	5.0	2.12		020	0.48	7.5

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-28 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	at various core angles	90% Py Cp	2469	120.0	125.0	5.0	1.23		0.65	0.21	5.5
	but mostly 60-90° CA.	80% Py Cp Sp	2470	125.0	130.0	5.0	0.72		0.87	0.31	1.4
	Very rough banding	80% Py Mag Cp	71	130	134.4	4.4	0.79		0.03	0.17	0.7
134.4	Talc - Magnetite - Pyrite -	60% Py Mag	72	134.4	135.0	0.6	0.41		0.03	0.10	Tr.
	Crudely banded with		2476	135.0	138.0	3.0	0.47	0.65	0.04	0.55	7.0
	sections of talc mag-	20% Py Mag	77	138.0	142.0	4.0	0.32		0.05	0.27	6.0
	netite alternating with										
	coarse granular Py -										
	No distinct core angle.							20.0			
	Grade to										
142.0	Sulfide zone - broken	80% Py Cp	78	142.0	145.0	3.0	1.22		0.29	0.62	9.0
	core - poorly banded,										
	quite fine grained										
145.0	Magnetite - pyrite zone -	10% Py Mag	79	145.0	146.0	1.0	0.07		0.03	0.17	4.0
	dark, fairly hard,										
	with little talc and										
	roughly banded 40°										
	Blacked core to										
146.0	Dacite - light grey										
	green, lightly fractured,										
	heavily carbonatized										
150.0	End										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	
100	-50°	
200	-47°	

PROPERTY 92/8CC CLAIM CC-1 HOLE NO. CC-29
LATITUDE STARTED June 13/79 CORE SIZE BQ
DEPARTURE FINISHED June 22/79 SECTION 10150N
ELEVATION 1800 TOTAL LENGTH 224.7 LOGGED BY N.B. Wells

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
1.0	Dacite - Green, fine, badly broken, with rusty fracture										
	8.0 becomes fine, massive, aphanitic, light grey green, unaltered with scattered pillow selvedges										
	Sharp, irregular contact to										
110.6	Andesite - Green, fine to medium grained, quite massive - feldspars strongly saussuritized - occasional 1-2 mm qtz veinlets										
	Sharp chilled 40° CA contact to										
150.3	Dacite - light grey green, fine to aphanitic, pillowed. 50° contact to										
160.3	Rhyolite - fine, buff										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92F/8 CC HOLE No. CC-29 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	coloured. Strongly fractured probably a fragmental. 60° contact to										
161.5	Sulfide zone - crudely banded pyrite and rhyolite-	60% Py Cp	2485	161.5	162.2	0.7	0.50		0.22	Tr	Tr
162.2	Rhyolite- light cream coloured, aphanitic, heavily sensitized.										
	165.2- becomes a coarse fragmental, with grey siliceous fragments in a chloritic matrix. A few qtz veins up to 10 cm.	1-2% Cpy									
	169.5- becomes more basic, chloritic	1-2% Cpy									
	176.0- becomes felsic, with abundant fragments to 5 cm. - matrix in places pyritic - sulfide bands at roughly 40°	2-3% Py 5cm bands of Cp at 197.1, 197.9									
200.0	Sulfide zone - thinly bedded 45°, with some contorted banding. 10cm fault gouge, well preserved, 40° to	70% Py Cp	2481,	200.0	200.6	0.4	2.29		0.05	0.3	34.

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/FCC HOLE No. CC-29 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
200.4	~~Andesite~~ Green fine grained, fairly massive unaltered										
	212.3 - new flow unit, with fragmental sections - sharp contact to										
214.7	Dacite - light buff green, quite felsic partly a flow breccia sharp contact to										
227.3	Andesite - Green fine grained, with sections of flow breccia - borders on dacite - sharp 45° contact to										
	235.7 - new flow unit, with a medium grained almost gabbroic center chilled to										
	241.5 new flow unit										
241.7	End.										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East
100	-50°	—

PROPERTY 92P/8 CC CLAIM CC-1 HOLE NO. CC-30
LATITUDE STARTED CORE SIZE BQ
DEPARTURE FINISHED July 4/79 SECTION 9900 N 9805 E
ELEVATION 1752 TOTAL LENGTH 273.0 LOGGED BY N.G. Kovo

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Dacite - light grey green, fine to aphanitic pillowed ? - cross qtz veinlets										
	53.4 - becomes a flow breccia										
	60.0 - more uniform, pillowed										
	69.3 - banded chert-carbonate - zoisite rock 35° contact										
	68.5' - greyish brown, aphanitic, partly pillowed and partly fine flow breccia. Moderate secondary fracturing and dark grey qtz veining										
	79.3 - becomes pillowed greenish grey, aphanitic										
	100.0 - becomes a breccia and agglomerate										
105.6	Andesite - Green, fine to medium grained, massive - both contacts										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92B/F CC HOLE No. CC-30 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	chilled over 1 m										
113.4	Dacite - pale green, fine to aphanitic, pillowed - scattered breccias may mark flow contacts										
240.5	Andesite - fine to medium grained, mossing with a sausuritic matrix - chilled, with inclusions of dacite, to										
247.4	Dacite - pale green, fine to aphanitic, pillowed - becomes bleached near sharp 45° contact to										
262.7	Chlorite Carbonate zone - Dark grey to black, with 15-20% coarse ankeritic carbonate, 20% qtz veins - some cse fragments - possibly an altered fragmental sharp 90° contact to	10 cm moss. @ 45° at 263.5'	2483	262.7	265.0	2.3	0.12		0.08	Tr	Tr
			84	265.0	270.0	5.0	Tr		Tr	Tr	Tr
270.0	Dacite - green, fine, bleached and carbonatized, becoming unaltered at END 273.0										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East
100	-50°	

PROPERTY 92P/8CC CLAIM CC-1 HOLE NO. CC-3

LATITUDE STARTED June 23/79 CORE SIZE BQ

DEPARTURE FINISHED June 27/79 SECTION 10300 N 4903 E

ELEVATION ~1823 TOTAL LENGTH 138.0 LOGGED BY N. G. Rolls

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
2.5	Dacite - light grey green, fine to aphanitic, with short 10 - 25cm cherty sections, possibly interflows tuffites, rusty and fractured.										
18.0	Andesite - dark green, fine to medium grained, fairly massive abundant fine epidote in matrix - sharp contact to										
44.3	Dacite - light greenish grey, very felsic with grey qtz stringers. Borders on rhyolite - somewhat micro fractured and bleached										
61.0	Andesite - green, fine grained, quite massive irregular 45° contact to										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-31 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
73.9	Rhyolite- light grey, very siliceous with inclusions of altered dacite or andesite up to 1 m.	1-2% Py									
	75.0- Same, but a course fragmental with no inclusions - Pyrite forms irregular matrix bands	5% Py									
	95.7- Lost Core										
	97.3 - as before- body broken core- possible fault.										
98.6	Sulfide zone - very crude 45° banding	80% Cp Py Sp	2482	98.6	100.2	1.5	8.62		0.36	0.69	62
	Sharp 70° contact to										
100.2	Rhyolite:- light grey, siliceous, banded 45°, possibly tuffite										
103.0	Dacite- light grey green, fine to aphanitic fairly massive, but with a few possible pillow selvedges										
138.0	End										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East
100	-53°	

PROPERTY 92P/8 CC CLAIM CC-1 HOLE NO. CC-32
LATITUDE STARTED Jun 25/79 CORE SIZE BQ
DEPARTURE FINISHED July 10/79 SECTION 1030N 9840E
ELEVATION ~1821 TOTAL LENGTH 191.0 LOGGED BY N.B. Rollo

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing –										
4.0	Andesite – badly broken, weathered, with very poor core										
	11.0 – becomes fresh, medium grained, massive										
	Chilled over 1.5 m to										
15.5	Dacite – pale grey green, fine to aphanitic, pillowed. Sharp 45°										
	contact to										
80.6	Tuffite ? – pale buff, aphanitic, very hard calc silicate rock, with sections of thin bedding 45° – Sharp, irregular contact to										
82.0	Andesite – dark green fairly massive, lightly carbonatized – a few irregular veins of rock identical to tuffite above.										
	irregular, sharp										
	contact to										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-32 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
87.0	Tuffite - as above, bedded and with patches of slump breccia										
	88.0 - becomes dark green, with cherty and jasperoid sections										
	90.6 - pale buff calc-silicate - thinly bedded 45° in places										
	Sharp, irregular contact to										
92.0	Andesite - green, fine to medium grained, massive except for a few coarse fragment inclusions										
105.6	Tuffite - Grey green, cherty, bedded.										
107.1	Andesite - green, fine, quite massive										
	114.0 - becomes strongly fractured										
116.0	Rhyolite ? - Grey cherty very badly broken, with red jasperoid sections										
	Very poor core										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY: 92P/ECC HOLE No.: CC-32 SHEET No.: 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
121.0	Andesite - Green, fine, fairly massive. A few reddish cherty veins										
125.6	Rhyolite? - reddish, due to primary iron staining, fine, partly cherty. Badly fractured with poor core	spse py									
	129.0 - becomes grey, mostly cherty - a fragmental with a cherty matrix - fragments mostly fuzzy, poorly defined - moderately fractured, with chlorite coated fractures. Occasional white qtz veins up to 90 cm. Sharp change to	2-5% py, some very cse xtls.									
160.3	Andesite - light green, fine, lightly carbonatized, with cherty sections. 166.0 - becomes darker green, fine, mod. to strongly carbonatized										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-32 SHEET No. 4 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	Fairly sharp 35°										
	change, with muddy										
	slips to										
177.5	Rhyolite ?- a dark										
	grey, messy fragmental										
	moderately to strongly										
	fractured, with sections										
	of gouge 185.0-185.4										
	and 190.0-190.6 -										
	May be toffite in										
	part- poor core										
191.0	End-										
	Hole cannot be										
	easily reentered.										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East
100	-50°	

PROPERTY: 92 P/8 CC
CLAIM: CC-1
HOLE NO.: CC-33
LATITUDE:
STARTED: July 5/79
CORE SIZE: BQ.
DEPARTURE:
FINISHED: July 19/79
SECTION: 9850 N 9900 E
ELEVATION: ~ 1772
TOTAL LENGTH: 1495
LOGGED BY: N.B. Wills

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing-										
3.0	Dacite- light grey green, pillowed, with sparse qtz veins	1-2% Po									
	40.0- becomes pale brownish grey, possibl. more acidic, faced with fine dark fracturing. Occasional possible pillow margins in more massive sections- ~~possible~~ a flow breccia however										
	110.7- becomes creamy grey, aphanitic- possibl. rhyolite (heavily carbonatized) poorly defined contact to										
	113.6- Grey, fine to aphanitic, faced with dark, fine fractures, somewhat carbonatized.										
	120.0- becomes grey green, lightly fractured with pillow selvadges - a few qtz-carb- 20 ish veins 60° CA.										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92B/8CC HOLE No. CC-53 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	140.0 – becomes quite										
	fresh, greenish grey,										
	very fine, pillowed										
149.5	End										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-58°	East

PROPERTY 92P/8 CC. CLAIM CC-4 HOLE NO. CC-34
LATITUDE STARTED July 11/79 CORE SIZE 5Q
DEPARTURE FINISHED July 15/79 SECTION 10400 N
ELEVATION ~1835 TOTAL LENGTH 66.6 9966 E
LOGGED BY N.R. Vill.

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing - 20% recovery of pebbles -										
6.0	Tuff - grey, thinly bedded 30° CA, somewhat fractured. Broken core to	1-2% Py									
8.0	Dacite - light grey, aphanitic - massive - sharp 45° contact to										
10.4	Andesite - green, fine to medium grained, quite massive - laced with irregular zoisite stringers - poorly defined contact to										
15.0	Agglomerate - Rounded coarse andesite fragments in a chert matrix - Tops indicated up hole -	5% irreg. Py Cp Po	2485	15.0	16.3	1.3	017		0.06	0.25	4
16.3	Andesite - Green, fine, mod. carbonatized 190 carbonatization decreases and rock becomes agglomeratic, with										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY _____ HOLE No. CC-34 SHEET No. 2 of _____

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n·	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	sections of tuff.										
	Indefinite change										
	to										
36.0	Dacite- fine to aphanitic,										
	pale greenish grey,										
	Moderately to strongly										
	carbonatized, fairly										
	massive and uniform										
	sharp 45° contact										
	to										
57.7	Andesite- green, fine										
	to medium grained,										
	fairly massive										
66.6	End										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East

PROPERTY 92P/8 CC CLAIM CC-4 HOLE NO. CC-35
LATITUDE STARTED July 16/79 CORE SIZE BQ
DEPARTURE FINISHED July 22/79 SECTION 10600N 9860E
ELEVATION ~1825 TOTAL LENGTH 114.0
LOGGED BY N.G. Vollo

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing -										
3.5	Rhyolite - grey to green, badly fractured and rusty - some coarse fragmental sections	Spse Py									
	13.0 - becomes less rusty, light grey, very siliceous, with abundant distinct fragments.										
	Broken core to										
20.4	Andesite - green, fine to medium grained, massive but laced by 1 - 2 mm calcite filled fractures										
	30.0 - becoming coarse textured, almost gabbroic, with greenish heavily saussuritized feldspar.										
	52.0 becomes darker, finer, and peppered with fine pink leucoxene										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-35 SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	irregular contact, with inclusions of rhyolite to										
61.7	Rhyolite - light grey, very siliceous, well crossed by black fractures - badly broken core										
	74.0 - becomes a coarse fragmental mud and gouge to										
	78.3 - light grey, very siliceous laced with black fractures.										
	30° fault seen 81.3 m very badly broken core, with sections of secondary breccia and gouge - poorly defined contact to										
91.7	Porphyritic Dacite - Grey, medium textured, with abundant 1-2 mm feldspar phenos - good core.										
104.4	Rhyolite - light grey incipient breccia, heavily laced with black fractures										

110.0 END - Bit failed - hole cannot be redrilled.

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East

PROPERTY: 92P/8 CC
CLAIM: CC-1
HOLE NO.: CC-36
LATITUDE:
STARTED: July 20/79
CORE SIZE: BQ
DEPARTURE:
FINISHED: July 29/79
SECTION: 9850N 9850E
ELEVATION: ~1766
TOTAL LENGTH: 205.0
LOGGED BY: N.B. Wills

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
1.5	Dacite - light green, fine to aphanitic with numerous pillow selvedges, a few narrow breccia zones										
130	This section very uniform - probably one or more flow units but individual units indistinguishable. - Sharp 40° contact to										
174.0	Massive Sulfides - coarsely fragmented py with weak banding 50° 30° banded qtz to	70% Py, Cp	2486	174.0	180.1	1.1	1.35		0.32	0.50	7
180.1	Dacite - light green, hard, with poor lapilli fragmental texture - quite different from preceding dacite										
205.0	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East

PROPERTY 92P/8 CC CLAIM CC-4 HOLE NO. CC-37
LATITUDE STARTED July 23/79 CORE SIZE BQ
DEPARTURE FINISHED July 31/79 SECTION 10 800 N 9877 E
ELEVATION ~1811 TOTAL LENGTH 141.5 LOGGED BY N.B. Kulla

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing - a few pieces of dacite										
9.5	Andesite - dark green medium grained, dusted with fine leucoxene - Broken core to										
16.6	Rhyolite - pale grey to white, very siliceous, moderately fractured - Pendrite black Mn Cu mineral on fractures										
24.4	Andesite - Green, medium grained, fairly massive Broken core to										
53.1	Rhyolite - light grey, siliceous, fractured and cut by white zeolite veins										
34.7	Porphyritic Dacite ? - Dark grey with poorly defined altered feldspar phenos										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY: 92B/8 CC. HOLE No. CC-37 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n·	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	Broken core to										
34.4	Rhyolite - light grey, very siliceous very heavily laced with fine black fractures - Coarse of 54.4 -										
	fairly good core										
61.5	Andesite - green, fine fairly massive										
63.3	Rhyolite Fragmental - Similar to preceding, but distinctly a coarse fragmental, with a tendency to siliceous fragments in a dacite or andesitic matrix 3 cm 30° black sandy gouge ~~80~~	2-3% patchy py, mostly in matrix									
	80.1 - light grey, very siliceous banded 30°, possibly tuffite	5-10% py in matrix									
	Broken core to										
83.2	Argillite - dark grey, fine, fairly massive well bedded for first 30 cm	5-10% py									
	Grades to										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/PCC HOLE No. CC-37 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
86.5	Tuffite ?- Pale greenish grey, very siliceous, with sections of faint fine bedding. Possibly a rhyolite flow. A few sections of secondary brecciation and broken core.	2-5% Py									
	115.0- Rhyolite ?- very heavily fractured, with very poor, broken core. Indefinite contact to										
125.5	Andesite- fine to aphanitic, becoming medium grained, light green, massive, almost diorite in appearance										
	140.0- becomes fine grained										
141.5	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East
100	-50°	
200	-52°	

PROPERTY 92P/8CC CLAIM CC-1 HOLE NO. CC-78
LATITUDE STARTED July 30/79 CORE SIZE BQ
DEPARTURE FINISHED Aug 13/79 SECTION 9800N 9800E
ELEVATION ~1752 TOTAL LENGTH 292.2 LOGGED BY N.G. Wolf

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
3.0	Dacite - pale greenish grey hard, pillowed, with sections of flow breccia.										
	233.2 - 10 cm of qtz carb. vein and minor fault.										
	264.7 - becomes laced with 20-30% zoisite veins										
266.5	Tuffite - light grey green, fine grained very siliceous, banded 45°										
267.4	Sulfide zone - interbanded with chert.	60% Py	2492	267.4	267.7	0.3					
267.7	Dacite - light greenish grey fine to aphanitic, pillowed -										
	278.0 - Some, somewhat brecciated										
	280.5 - fine, pillowed.										
284.2	Andesite ? - grey green										

DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-38 SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n·	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	Medium grained, massive										
	Sharp 40° contact to										
289.5	Dacite- grey green,										
	fine, pillowed										
292.3	EOH										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East

PROPERTY 92H/8CC CLAIM CC-4 HOLE NO. CC-39
LATITUDE STARTED Aug 1/79 CORE SIZE BQ
DEPARTURE FINISHED Aug 5/79 SECTION 11000 N
ELEVATION ~1760 TOTAL LENGTH 153.4 9780 E
LOGGED BY N.B. Kolb

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n·	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
4.6	Andesite- green, fine to medium grained, very fresh looking, massive - Broken core to										
24.0	Andesite tuff ?- fine, green, faintly bedded 35-90°, somewhat altered and carbonatized 2cm gouge and 60° slip to										
32.6	Rhyolite- ? grey to black, mostly very siliceous, brecciated, fractured and broken- poor core graphitic slips to	2-5% Py									
38.6	Argillite- black, carbonaceous bedded 0° to 40° CA. - a few cherty grey bands	5% Py diss and on fractures									
43.7	Dacite- Pale greenish grey, fine to aphanitic										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92F/8 CC HOLE No. CC-39 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	heavily dusted with fine leucoxene										
	58.0 - becomes medium grained										
	63.0 - becomes fine, as before, heavily veined by zoisite										
	Broken core to										
68.1	Rhyolite ? - light grey, aphanitic, very siliceous - distinctly a fragmental with coarse rounded chert fragments - very good core - possibly a	5-10% diss Py									
	tuffite - Broken core to		2487	85.0	90.0	5.0	—	—	—	0.3	0.6
90.0	Andesite - green, fine quite massive, but chloritized and lightly to moderately carbonated	5% diss and seams Py									
	Chilled contact to										
115.3	Rhyolite ? - light grey, very siliceous, lightly fractured - some evidence of coarse fragments	2-5% Py									
	Sharp 50° contact to										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92A/8CC HOLE No. CC-59 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
132.5	Dacite tuff - light greenish grey c-1% abundant lapilli sized fragments - very massive.										
142.2	Dacite - light green, fine, fairly massive but cut by 5-10% qtz veins to 5 cm.										
153.4	EOR										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East

PROPERTY 92P/8 CC CLAIM CC-1 HOLE NO. CC-90
LATITUDE STARTED Aug 6/79 CORE SIZE BQ
DEPARTURE FINISHED Aug 8/79 SECTION 10250N 9970E
ELEVATION ~1828 TOTAL LENGTH 550
LOGGED BY N.B. Wolla

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n·	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
11.0	Massive Sulfides — granular, uniform, somewhat leached and rusty	90% Py	2488	11.0	15.5	4.5	0.62	2	005	0.5	Tr
15.5	Magnetite - black, fairly uniform with roughly banded Py	90% Mag Py	89	15.5	17.5	2.0	035		003	0.6	Tr
17.5	Massive Sulfides - banded 35-90°, leached and vuggy	75% Py	90	17.5	19.5	2.0	012		002	Tr	2.0
19.5	Magnetite - as before with bands of diss. Sulfides 30°	80% Mag Py	91	19.5	21.4	1.9	0.19		001	Nil	Tr
21.4	Rhyolite - grey, partly a breccia, with 15-20% calc silicate minerals Sharp contact to										
32.0	Andesite - green, medium grained, massive										
35.0	Tuffite - grey, faintly bedded 50° CA.										
36.0	Andesite - green, medium grained, massive.										

DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY 92 0/8 CC HOLE No. CC-40 SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n·	Cu %	Pb %	Zn %	Au ppm	Ag ppm
40.7	Tuffite- grey green, thinly bedded 45°- fault parallel core to										
43.0	Andesite- light green, medium grained, quite massive, but cut by 10-15% dark grey quartz (?) veins										
53.0	EHD										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East

PROPERTY: 92P/8CC
CLAIM: CC-1
HOLE NO.: CC-91
LATITUDE:
STARTED: Aug 8/79
CORE SIZE: BQ
DEPARTURE:
FINISHED: Aug 13/79
SECTION: 10150N 9978E
ELEVATION: ~1812
TOTAL LENGTH: 45.0
LOGGED BY: N.B. Kik

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
3.2	Dacite - grey, fine to aphanitic, cut by numerous fine zeolite and carbonate veins										
13.6	Rhyolite - light grey fine, somewhat fractured and brecciated. Blocked core to										
22.3	Massive Sulfides - fine, somewhat granular and vuggy - partly leached. Broken and ground core to	80% Pq sp	C493	22.3	32.3	100					
32.3	Rhyolite - light grey, brecciated and laced by dark fractures. 33.8 - Lost Core - 37.4 - as before. 60° Contact to	5-10% Pq									
45.0	Andesite - green, medium grained, fairly massive - 80° Contact to										
45.4	Dacite - light grey green with bands of black argillite										
45.0	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East

PROPERTY: 92P/FCC
CLAIM: CC 1
HOLE NO.: CC-42
LATITUDE:
STARTED: Aug 14/79
CORE SIZE: BQ
DEPARTURE:
FINISHED: Aug 18/79
SECTION: 9600 N 9965 E
ELEVATION: ~1733
TOTAL LENGTH: 100.00
LOGGED BY: N.A. Wolfe

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n·	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
1.5	Dacite - light green, fine grained with numerous pillow selvedges										
	33.0 - becomes a flow breccia, with no pillows and laced by dark primary fractures										
	38.7 - Same, but very heavily fractured healed by dark material										
	39.3 - Same, but becoming pillowed, a sort of crackle breccia, laced by fine dark fractures										
100.0	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East.

PROPERTY: 92P/E CC
CLAIM:
HOLE NO.: CC-93
LATITUDE:
STARTED: Aug 14/79
CORE SIZE: BQ.
DEPARTURE:
FINISHED: Aug 18/79
SECTION: 9800N 11255E
ELEVATION:
TOTAL LENGTH: 100.0m
LOGGED BY: N.B. Mills

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Cosey										
4.5	Sheapstone Conglomerate - Angular grey and black pebbles in a finer fragmental matrix - Grades to										
8.0	Tuffite - light grey, mottled argillite, but with short chert sections. Occasional interbeds of chert breccia - Thinly bedded 35-40° CA. Rusty fractures throughout. 27.0 - becomes quite fresh - with numerous dark siliceous fractures across bedding - faint, sharp change to	Spse Py in chert sections. Minor Py	2094	39.0	40.0	1.0					
46.0	Black Mudstone - mottled black carbonaceous, with beds of grey argillite material and sections	Minor Py fem, both in matrix and as thin beds									

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/ECC HOLE No. CC-43 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	if possible slump breccia - bedding generally 30° ct.										
54.0	Dike? - grey, soft, highly altered, probably a false dike, quite massive.	5% diss Py									
56.6	Black mudstone - as before, with a few graphitic slips - becomes grey and grades to										
62.3	Tuffite - light creamy grey, thinly bedded 30-35°, mostly soft, argillic, but with hard cherty sections - a few angular pebbles - Grades sharply to	2-3% Py									
71.3	Black sharpstone conglomerate - pebbles mostly angular, up to 10 cm, mostly of dark bedded mudstone but also qtz eye rhyolite and jet black, highly conductive chert, and occasional pyrite 72.0 - becomes coarser, partly interbedded to	2-3% diss Py	2445	76	77	1.0					

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/ECC HOLE No. CC-43 SHEET No. 3 of 3

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n·	Cu %	Pb %	Zn %	Au ppm	Ag ppm
87.0	Tuffite - light cream grey, well bedded 35-40°	Minor py as 2-10 mm cubes									
98.4	Dike - ? - medium grained, grey, soft, massive, diorite										
99.5	Tuffite - as before, more cherty										
100.0	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	East

PROPERTY: TED/CC
CLAIM: CC-
HOLE NO.: CC-42
LATITUDE:
STARTED: Sept 4/74
CORE SIZE: BQ
DEPARTURE:
FINISHED: Sept 7/74
SECTION: 10000N 1132.5E
ELEVATION:
TOTAL LENGTH: 94.3
LOGGED BY: N.V.

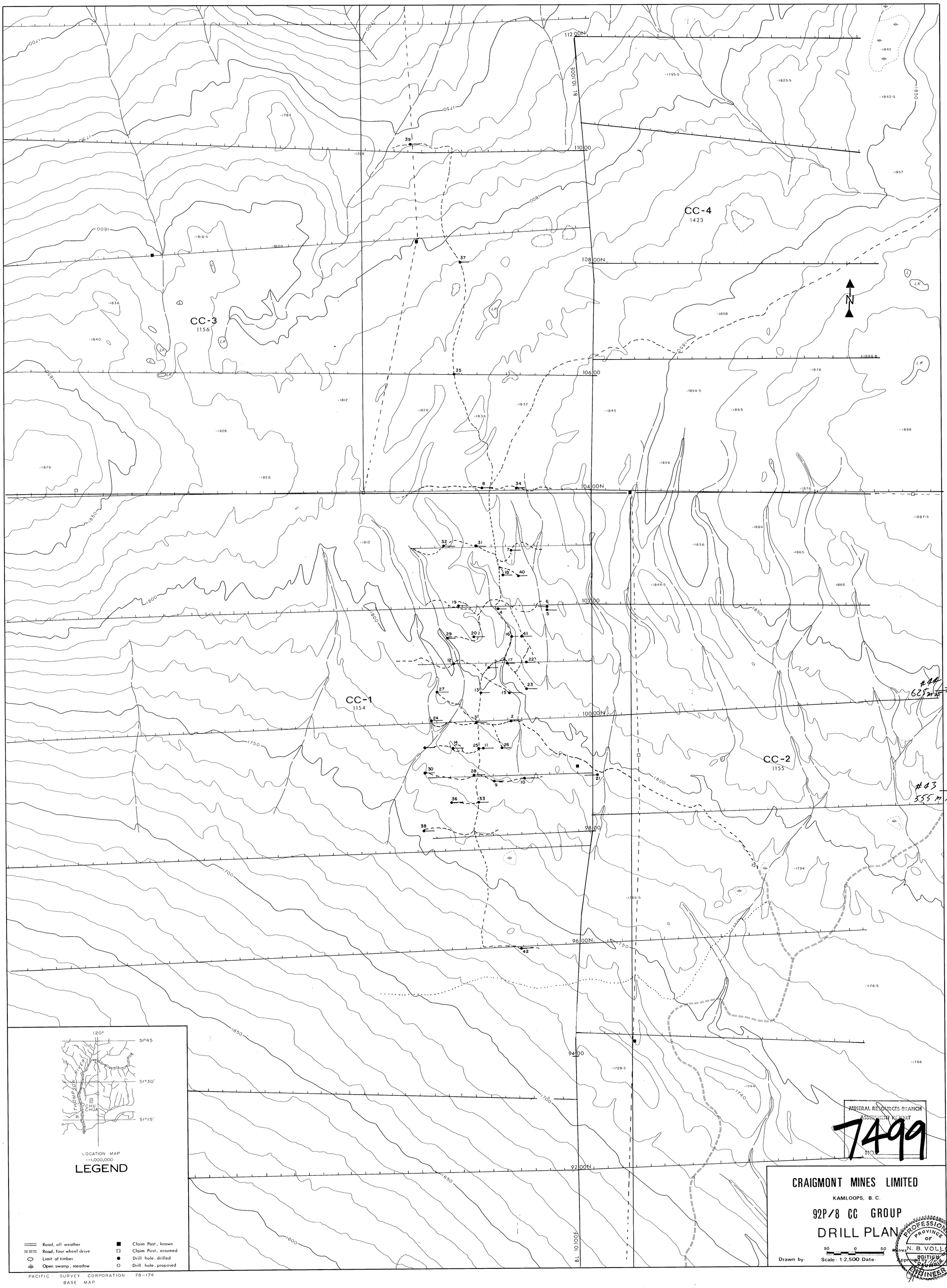
DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Tuffite - light grey, siliceous, banded 25-30°, uniformly peppered with 1 mm rounded siderite or ankerite metacrysts, altered to limonite										
	11.5 - become black, graphitic, but remains cherty, hard	1-2% Py									
	17.5 become grey, still siliceous, bedded 25° and partly a stump breccia - bedding variable to 50° CA. Abundant 1-2 mm siderite metacrysts - stump 50° contact to	1-2% Py, some Cu euh. cubes									
23.4	Sharpstone Conglomerate chaotic, with angular fragments of grey banded tuffite, limonite, black tuffite, black (conductive) chert, occasional pyrite,	2-3% Py as frags. up to 2 cm, and disseminated tuffite									

7499

DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY 921/8CC HOLE No. CC-44 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	n'	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	in a black carbonaceous										
	matrix - largest fragments										
	about 30 cm, average										
	5-10 cm.										
043	END										


CC-1
1154
CC-2
1155
CC-3
1156
CC-4
1423
BL 10,100E
112,00N
110,00
108,00N
106,00
104,00N
102,00
100,00N
98,00
96,00N
94,00
92,00N
#44
625 m E
#43
555 m E
N
LOCATION MAP
1:1,000,000
THOMPSON RIVER
CHU CHUA
120°
51°45
51°30'
51°15'
LEGEND
Road, all weather
Road, four wheel drive
Limit of timber
Open swamp, meadow
Claim Post, known
Claim Post, assumed
Drill hole, drilled
Drill hole, proposed
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 7499
CRAIGMONT MINES LIMITED
KAMLOOPS, B. C.
92P/8 CC GROUP
DRILL PLAN
50 0 50 Metres
Drawn by:
Scale: 1:2,500 Date:
Approved by:
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
N. B. VOLLO
PACIFIC SURVEY CORPORATION 78-174
BASE MAP