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:	JAN. 22nd, 1979

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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.

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

2843 m of BQ diamond drilling was completed in 23 holes, outlining a copper bearing massive sulfide zone up to 15 m wide over a strike length of 300 m and to a depth of 200 m. The zone appears to plunge south at about 40° and further drilling will be required to determine its total extent.

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.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA N. B. VOLLO

N.B. Vollo, P.Eng
Jan. 22nd, 1979

STATEMENT OF EXPENDITURES

DDH 78-8, 68 m at $36.19/m	$2460.92
Road building, 16 hrs at $29/hr	464.00
Total, CC-4 Claim	$2924.92

DDH's 78-1 to 7, 9-11, 13, 1139.3 m at $36.19/m	$41,231.27
Road building, 87.4 hrs at $29	2,534.00
DDH's 78-12, 14 to 23, 1635.9 m at $43.04/m	70,425.00
Road building, 100.6 hrs at $29	2,917.50
Water hauling, 67 shifts at $150	10,050.00
Total, CC-1 claim	$127,158.77

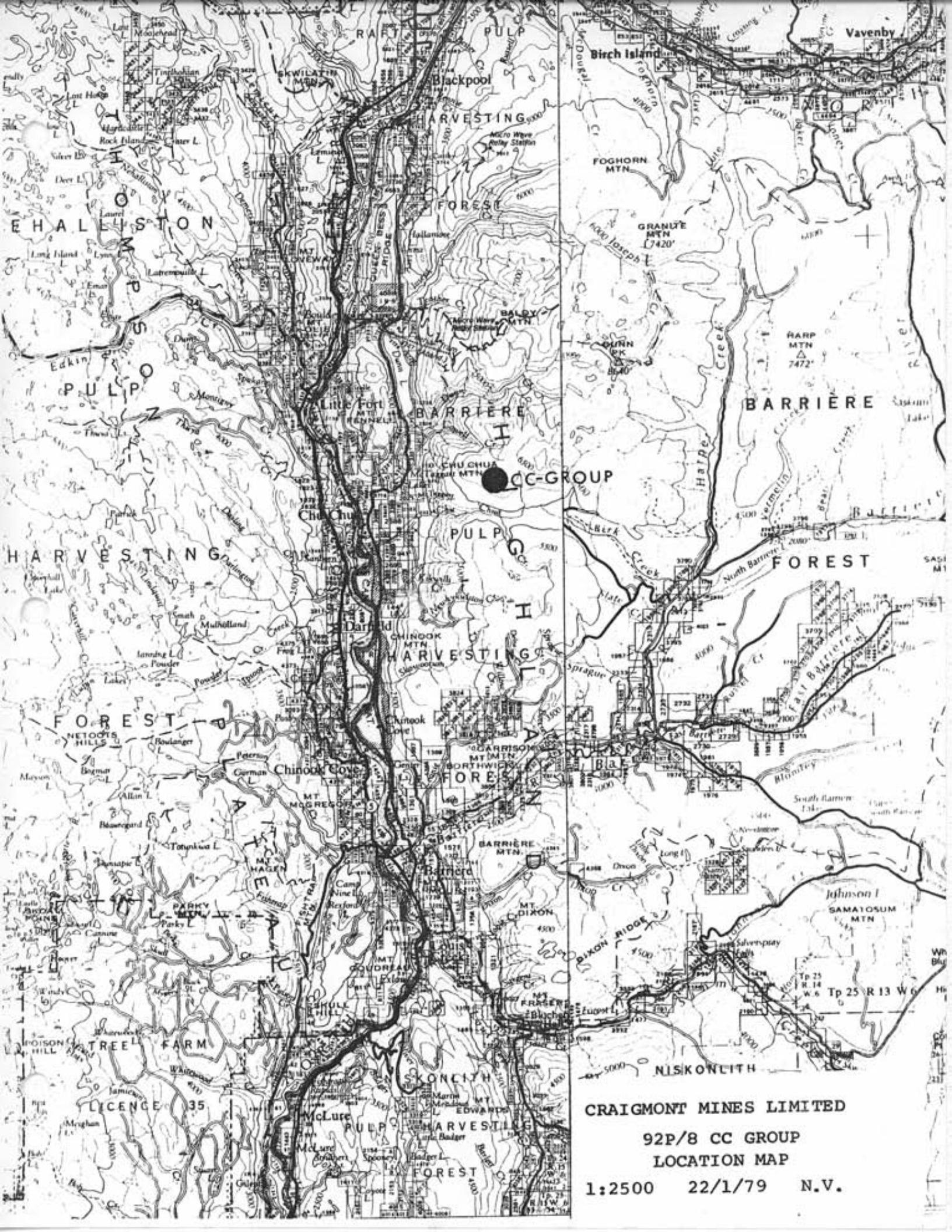
1139.3
1635.9
2775.2

CONTRACTORS

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

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

Water Hauling - Lewis Bloomfield and Son Ltd.
Box 196,
BARRIERE, B.C.


CC-GROUP
Vavenby
Birch Island
Blackpool
RAFT
PULP
HARVESTING
FOREST
BARRIÈRE
PULP
HARVESTING
FOREST
FOREST
PULP
HARVESTING
FOREST
FOREST
PULP
HARVESTING
FOREST
TREE FARM
LICENCE 35
Tp 25 R 13 W 6
Tp 25 R 14 W 6
NISKONLITH
SKONCITH
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 (S.T.)
COLLAR	-55°	090°

PROPERTY [illegible] CLAIM CC-1 HOLE NO. CC-1

LATITUDE ..... STARTED Sept 17/78 CORE SIZE BC

DEPARTURE ..... FINISHED Sept 20/78 SECTION 10100 N 9920 E

ELEVATION ..... TOTAL LENGTH 129.0 LOGGED BY N.B. Wilson

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Pb%	Zn%	Au ppm	Ag ppm
0.0	Casing										
0.5	Dacite										
	light grey, fine	Specs Cp									
	to aphanitic, with										
	chilled contacts throughout										
	Flow units or pillows										
	broken core										
67.5	Massive Sulphides	90% Py, Cpy	2405	67.5	70	2.5	1.19	0.04	0.87	.514	6.2
	fine grained, quite	"	06	70.0	75.0	5.0	1.61	0.03	0.75	.446	8.6
	massive, with suggestion	"	07	75.0	80.0	5.0	1.16	0.03	0.70	.137	8.2
	of bedding or banding	"	08	80.0	85.0	5.0	0.94	0.02	0.22	TR.	3.1
	at 40-50° CA - occ.	"	09	85.0	86.0	1.0	0.77	0.02	0.04	TR.	6.5
	1-2 mm qtz calcite	"	2403	86.0	88.0	2.0	0.89	0.02	0.09	.514	7.2
	veinlets at various Angles	"	04	88.0	90.0	2.0	1.51	0.02	0.17	.514	8.2
	Cpy as recessive patches	"	2410	90.0	90.7	0.7	2.04	0.03	0.27	.411	9.5
	Sp as yellow grains										
	Sharp 65° CA contact to										
90.7	Rhyolite - pale grey	N. Vis Sulph	2411	90.7	93.2	2.5	0.04	Tr	0.01	TR	TR.
	green, very fine, highly										
	fractured										
	92.5 - becomes grey, vein	2-3% Py Cpy									
	Silicified										
93.2	Fault Zone - brecciated,	20% Py Cpy	2412	93.2	96.0	2.2	0.29	Tr	Tr	.514	4.1
	rhyolite, strongly [illegible]										

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K232-

K1.23

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92 E/7 CC HOLE No. CC-2 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	sections of soft talcy mud and sulphides										
96.0	Rhyolite- light grey, aphanitic, very siliceous, lightly fractured, with fillings of sulphides as stringers and patches Occ. 1-10 mm calcite veins carrying galena	10% Py Cp	2413	96.0	101.0	5.0	018	Tr	Tr	TR	.7
		3-5% Py Cp	14	101.0	105.0	4.0	007	Tr	Tr	TR	TR
	105.0- primary fragmental texture becoming apparent. Possibly an: auto breccia.	5-10% Py	15	105.0	110.0	5.0	001	Tr	Tr	TR	TR
			16	110.0	115.0	5.0	Tr.	Tr	Tr	TR	TR
	Grain talc vein & 5mm parallel core		2417	115.0	118.7	3.7	004	Tr	Tr	TR	TR
	broken core, breccia and a little gouge to										
118.7	Massive Sulphides fine grained, with fracturing and qtz stringers at abt. 20° CA	70% Py, Cp Sp	2418	118.7	120.6	1.9	093	Tr	Tr.	.514	13.7
120.6	Dacite- light grey green, very fine, strongly fractured, cut by qtz veins to 10 cm	1-2% Py									
	124.0- becomes uniform, fine, massive, probably a flow.										

129.0 END

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	−55°	090°

PROPERTY 9218 CC CLAIM CC-1 HOLE NO. CC-2
LATITUDE STARTED Sept 20/78 CORE SIZE BQ
DEPARTURE FINISHED Sept 22/78 SECTION 10000N 9969E
ELEVATION ~1797 TOTAL LENGTH 65.2 LOGGED BY N.R. Vollo

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
1.2	Dacite: light green, brown, rusty										
	1.8- qtz vein breccia - rusty, broken - appears to parallel core										
	2.5- Dacite as before										
3.2	Sulphide zone - granules 40% fg with dacitic matrix										
3.6	Dacite- light green, fine, fairly uniform, pillowed - Very fresh with no evident metamorphism- probably closer to andesite Bleached core, pc alteration - sharp contact to										
25.2	Massive Sulphides -	95% fg Cpy	2419	25.2	30.0	4.8	1.60		0.14	.549	8.6
	Fairly uniform fine grained, with 1/16"		20	30.0	35.0	5.0	1.63		0.32	.549	6.2
	banding - choice is no		21	35.0	40.0	5.0	2.78		0.36	.617	8.6
	isoclase - patches and		22	40.0	45.0	5.0	1.12		0.32	.480	5.5
	bands 90° CA										
	10 cm Magnetite 70° at 9/h										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

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

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	430 - becomes massive	40% Mag Py Cp	2423	430	45.0	2.0	058		020	.377	1.7
	Magnetite - a few		24	450	46.8	1.8	002		002	.007	2.1
	seems to 5cm of										
	green talc gouge										
	Fault shear change										
	to										
468	Rhyolite - green	5-10% Py Cp	25	468	52.0	3.2	04		004	TR	TR
	highly chloritized										
	and stockwatized										
	30 cm pyritic talc										
	gouge 45° CA at 51.6										
	52.0 - becomes light	10% Py Cp	26	52.0	58.0	5.0	004		003	TR	1.4
	grey with fine siliceous										
	veins good coarse breccia										
	structure - becomes										
	coarse										
580	Dacite. light grey										
	green, fine grained,										
	coarsely pillowed (?)										
652	EOH										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-65°	090°

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

LATITUDE ..... STARTED Sept 22/78 CORE SIZE BQ.

DEPARTURE ..... FINISHED Sept 29/78 SECTION 10000 N 9900 E

ELEVATION ~1791 TOTAL LENGTH 162.5' LOGGED BY N.R. Wolfe

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
0.7	Dacite - light green fairly massive, with widely spaced pillow selvedges	1-2% Py									
	30 - becomes agglomeratic quite coarse - rounded blebs of grey dacite in a green breccia matrix										
	55 - more massive with widely spaced pillows										
	115.5 - becomes medium grained quite massive. Ship 30° CA Contact										
	to										
125.3	Massive Sulphides: Roughly banded 35-40°, with patches of coarsely fragmental or brecciated pyrite	80% Py Mag Cp	2027	125.3	130	4.7	1.81	.008	0.74	.620	7.54
	128.6 - green chloritic, partly brecciated, gouge	2% Py Cp									
	129.7 - becomes very massive but partly framboidal	95% Py Cp	2028	130.0	135.0	5.0	1.17	.019	0.83	.550	7.41

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92E/ECC HOLE No. CC-3 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	broken core to										
	138.7 - andesite fragmental -	10% Py, Cp									
	green, chloritized, with										
	rounded fragments of										
	massive pyrite. Sharp		2429	135.0	140.0	5.0	1.60	.019	0.44	.620	10.29
	50° Ct contact to										
	134.3 - rich massive										
	chalcopyrite py irregular										
	massive patches to 30 cm.		2430	140.0	144.0	4.0	3.67	.067	0.75	.550	17.83
	becomes a pyrite frag-										
	mental with siliceous										
	inclusions near irregular										
	35° contact to										
144.0	Rhyolite - light grey,	10-15% Py									
	silicified - possibly a	of matrix									
	flow breccia -	and diss.									
	149.7 - quartz vein - white	sparse Py									
	banded 35°										—
	150.4 - rhyolite as before,	25-45% Py									
	with stretched of fewer,										
	massive py - broken										
	core to										
155.0	Dacite - grey green,										
	fine grained, with										
	sub breccia structure.										
	10% calcite stringers										
	151.4 - becomes very										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92 I/E CC HOLE No. CC-3 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	fine grained, greenish grey, pillowed										
162.5	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-55°	040

PROPERTY 92P/8 CC CLAIM CC-1 HOLE NO. CC-4

LATITUDE STARTED Oct 2/78 CORE SIZE BQ

DEPARTURE FINISHED Oct 4/78 SECTION 10200N 9933E

ELEVATION ~1818 TOTAL LENGTH 2160 LOGGED BY N.B Kolla

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
0.5	Dacite - light greenish grey, very fine pillowed 30° contact to										
8.0	Massive Sulphides - poorly banded 40°	90% Py									
13.4	Andesite - dark green, fine grained - appears to be a very coarse flow breccia. Broken core to										
17.0	Tuffite - light grey, very siliceous, banded 35° - some sections quite massive possibly rhyolite - bedding is very poor - some sections a coarse angular breccia	5% Py, some of massive pieces									
62.0	Seismic fault brecciated gouge - 75° fault contact to										
63.2	Rhyolite - light grey, very siliceous, moderately	2% Py									

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8EC HOLE No. CC-4 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	fractured, in places a coarse autobreccia.										
	70° gouge seam @ 81.6										
	80.0 - becomes siliceous,	10% F_2									
	with banding pyrite										
	beds at 35° - Sharp										
	45° Contact to										
83.4	Calcite - light greenish										
	grey very fine										
	86.5 - becomes a coarse										
	flow breccia										
	90.0 becomes medium										
	grained, massive with										
	abundant qtz calcite										
	veinlets										
	97.0 becomes finer										
	grained - flow bottom										
	Sharp 45° contact to										
101.8	Tuffaceous breccia - rounded										
	and angular fragments										
	of tuffite, dacite										
	fragments & slumps or slide										
	Very Sharp 30° Contact										
	to										
105.8	Andesite - light grey	2-5% diss									
	green, fine grained,	to									
	slightly softer than dacite										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92 E/TCC HOLE No. CC-2 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	above and peppered with abundant fine white leucoxene (?)										
	0.5 m irregular fine grained mixed (with dike at 105.6. Sharp 45° contact to										
113.4	Tuffite - light grey cherty, poorly bedded, with course inclusions of andesite. Sharp irregular contact to	5% fine Po									
114.8	Andesite - light green, fine to medium grained, quite massive, dusted with fine leucoxene - scattered calcite stringers										
	121.0 - becomes medium grained, massive. Sharp 20° contact to										
	141.7 - some, new flow unit or possible dike - Central portion medium to coarse - Chilled (?) contact to										
	149.5 - new flow unit - central portion medium										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY _____ HOLE No. CC-4 SHEET No. 4 of _____

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	Medium grained, dioritic										
	158.0 New flow										
	unit- very massive,										
	fine grained										
	166' New flow unit-										
	fine grained, quite										
	massive										
	181.3 New flow unit-										
	185.1 New flow unit-										
	core is medium grained										
	with zoscized grains										
	plagioclase. Sharp 45°										
	contact to										
	188.4 - New flow unit-										
	fine grained, splotchy										
	with recrystallized chloritized										
	and zoisite stages										
	Fine dusty leucoxene										
	throughout - long 40° contact to										
	202.7 - New flow unit-										
	becomes medium grained										
	quite massive. Sharp										
	65° chilled contact to										
	216.6 New flow unit-										
	Same as previous.										
216	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	090

PROPERTY 920/FCC CLAIM CC-1 HOLE NO. CC-5

LATITUDE STARTED Oct 4/78 CORE SIZE BQ

DEPARTURE FINISHED Oct 6/78 SECTION 10200N

ELEVATION ~1830 TOTAL LENGTH 877 10015E

LOGGED BY N.G. Colla

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
0.4	Andesite - Green, fine to medium grained, quite fresh, dusted with fine leucoxene - A few coarse frag-ments and contacts - Probably pillowed	5psi Py Cp									
20.2	- Same, but with very little leucoxene. Core is medium grained Sulphides as stringers and irregular beds or in pillow selvidges	1-2% Py Cp									
20.2	- new flow unit - light green, medium grained, becoming aphanitic, with included fragments and sulphide beds - 50° Chilled contact @										
30.1	- new flow unit - light green, medium grained - becomes chilled within 2m of contact @										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92E/ACC HOLE No. CC-5 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.	40.9 - Mix flow unit -										
	contact part brecciated										
	green, coarse textured,										
	mottled with white										
	feldspar material - a										
	few qtz calcite veins										
	at 20° CA - Chilled										
	65° contact to										
67.1	Rhyolite flow breccia										
	light grey, aphanitic,	5-10% Py									
	with excellent flow										
	breccia structure - a										
	few coarse foreign										
	inclusions - Matrix										
	is pyritic - 65° contact										
	to										
82.5	Andesite - light green,										
	fine grained becoming										
	coarse textured with										
	a mottled granophyric										
	texture - Abundant										
	fine leucoxene										
87.7	End - (288' by driller)										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	270°

PROPERTY 92E/8 CC CLAIM CC-1 HOLE NO. CC-6

LATITUDE STARTED Oct 6/78 CORE SIZE BQ

DEPARTURE FINISHED Oct 11/78 SECTION 10200 N 10015 E

ELEVATION ~1830 TOTAL LENGTH 77.5 LOGGED BY N.R. Wallace

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
0.3	Andesite: green, fine grained, dusted with leucoxene										
	1.0 - near flow unit of similar rock - core fractured, rusty and broken -										
3.7	Dacite - light grey green, fine to aphanitic with a few siliceous pyritic sections - a flow breccia - poorly defined contact to	2-3% pothy py									
26.6	Rhyolite flow breccia - light grey, aphanitic, with excellent flow breccia structure becomes rusty, broken, on contact to	2-5% py as veinl and diss in matrix									
36.0	Massive Sulphides. Somewhat leached, rusty. Core badly broken	95% Py Cp	2931	36.0	37.5	1.5	1.00		013	041	7.89
	37.5 Lost Core - ground		—	37.5	420	4.5	3.50		—	—	—

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8CC. HOLE No. CC-6 SHEET No. 2 of 2.

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	Massive Sulphides										
	42.0 – as before – rock	98% Py Cp	2432	42.0	45.0	3.0	2.00		0.14	0.41	8.92
	badly broken, leached										
	and vuggy – about	" " " "	53	45.0	50.0	5.0	0.88		0.06	0.20	4.11
	5% sooty black mineral,										
	probably Chalcocite, along	" " " "	34	50.0	55.0	5.0	1.61		0.55	0.41	8.92
	fractures		35	55.0	60.0	5.0	3.67		0.77	1.30	13.72
	60.0 – some, but Cp	" " " "	36	60	65.0	5.0	4.41		0.69	1.23	15.09
	becomes more prominent –										
	leached and vuggy	" " " "	37	65.0	68.0	3.0	4.35		0.31	0.27	9.94
	Broken Core ±										
68.0	Rhyolite Flow breccia –	± 5% fine Py									
	light grey very										
	siliceous, w. fair excellent										
	breccia structure –										
	35 cm mudd, gouge										
	and fault breccia at 69m										
	several smaller gouge										
	seams 40° CA.										
75.5	End										

32.0 ± 50 – 81 –

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING (N.S.T.)
COLLAR	-50°	090°

PROPERTY # 92P/8 CC CLAIM CC-1 HOLE NO. CC-7

LATITUDE STARTED Oct 12/78 CORE SIZE BQ

DEPARTURE FINISHED Oct 14/78 SECTION 10500 N 9955 E

ELEVATION ~1830 TOTAL LENGTH 71.7 LOGGED BY N.C. Wolfe

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing.										
6.0	Rhyolite - light grey, fine to aphanitic, fractured and rusty. 0.5 m andesite at start may be boulder	2-3% Sphy, Py									
	13.0 - becomes fair, fresh, moderately fractured with good flow breccia fracturing in places	1-3% Py on fractures									
26.0	Dike - Dark grey to black, aphanitic, quite fresh										---
27.0	Rhyolite - light buff grey, aphanitic, with flow lines - mod. fractured	2-3% Py in seams									
	34.0 - becomes a darker grey breccia laced with pyrite	10% Py									
	35.0 - some, but with little sulphide - 30°, 2cm	2-3% Py									

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY _____ HOLE No. CC-7 SHEET No. 2 of _____

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	thick, seam of fault gouge at 38.3, 37.9m Heavily fractured Broken core to										
38.2	Rocite - light grey green, fine to medium grained, fresh, lightly fractured. Sharp 35° contact to										
45.5	Andesite - light green, fine grained, quite massive - Chilled 45° contact to										
50.2	New flow unit - core becomes medium grained, dark green, diabasic - irregular, chilled 30° contact to										
60.5	- New flow unit - light grey green, aphanitic to fine - varying on dacite - fine dusty leucoxene - irregular 20° contact to										
66.2	- New flow unit - light										

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DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY _____ HOLE No. CC-7 SHEET No. 3 of _____

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	grey fine to medium grained, dacite - flow bottom breccia and chilled 45° contact @ 69.9 - new flow unit - Grey green fine grained, abundant hbl dusted with fine leucoxene (?).										
71.7	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	075°

PROPERTY 929/7cc CLAIM cc-1 HOLE NO. cc-8

LATITUDE ..... STARTED Oct 15/78 CORE SIZE BQ

DEPARTURE ..... FINISHED Oct 16/78 SECTION 10400 N 3900 E

ELEVATION ~1832 TOTAL LENGTH 680 LOGGED BY N.E.W.

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
1.2	Andesite-										
	Green, fine grained,										
	quite massive -										
	6.0 - some but with										
	sections of buff coloured										
	banded calc silicate										
	rock - tuffite										
	11.2 - becomes uniform,										
	fine grained, green										
	massive										
	317 - new flow unit -										
	same as above - a										
	few auto breccia										
	sections but otherwise										
	quite massive										
	broken core to										
435	Rhyolite - light grey	Spse Py									
	green, very felsic, with										
	sections showing flow										
	lines - mod fractured,										
	with poor core										
	broken core to										
580	Andesite - Green, fine	Spse Py									

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92e/8cc HOLE No. CC-5 SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	Pyrite massive — pyrite stringers on upper contact. Occasional crystals coarse py.										
	62.4 - becomes medium grained, fairly epidote rich, very massive										
68.0	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	090°
100	-49°	—

PROPERTY 92E/8 CC CLAIM CC-1 HOLE NO. CC-9

LATITUDE ..... STARTED Oct 17/78 CORE SIZE AQ

DEPARTURE ..... FINISHED Oct 21/78 SECTION 9900 N 9925 E

ELEVATION ~1781 TOTAL LENGTH 100.0 LOGGED BY N.R.C.H.C.

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
0.5	Dacite - light green, fine to aphanitic, hard, with scattered suggesting large pillows. Some sections lighter brownish green with fine but flow contacts cannot be defined. 2m Correction for short core at 71.3'										
85.6	New flow unit - Grey to buff green, very fine, loosely pillowed (?) with flow breccia sections										
100	END										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	270°

PROPERTY JJ #18CC CLAIM CC-1 HOLE NO. CC-10

LATITUDE STARTED Oct 22/78 CORE SIZE BQ

DEPARTURE FINISHED Oct 26/78 SECTION 9900 N

ELEVATION ~1782 TOTAL LENGTH 37.8 9980 E

LOGGED BY N.B. Wolfe

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
0.5	Dacite - rusty, carbonated, badly broken with very poor core										
	5.0 - becomes fairly fresh, good core, fine to aphanitic, with possible pillow structures										
	becomes more grey, bleached now										
33.5	Fault zone - gouge with slips 60° CA, brecciated dacite, 5 cm white quartz										
33.9	Dacite - more green and massive than preceding - a few qtz veinlets and qtz calcite filled fractures										
37.8	END.										

995 S

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	090°

PROPERTY 92-8CC CLAIM CC-1 HOLE NO. CC-11

LATITUDE ..... STARTED Oct 27/78 CORE SIZE BQ

DEPARTURE ..... FINISHED Oct 29/78 SECTION 9950 N 9910 E

ELEVATION ~1285 TOTAL LENGTH 404. LOGGED BY N.R. Wallace

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
4.2	Quartz vein: White qtz with 10-20% chromy calc silicate mineral - a few coarse angular bits of py - Contact parallels core to	2% py									
60	Calcite - light buff to greenish grey very fine, py & a breccia 17.0 - some, but more uniform, massive broken core, but sharp change to	3% cryst. py on fractures spsly									
29.3	Massive Sulphides - Pyritic breccia with Matrix of cp, mag and talc - Mag. as coarse rounded fragments Grades sharply to	75% Py Mag Cp	2438	29.3	32.6	33	359		0.10	0.37	6.84
32.6	Magnetite - Talc zone - brecciated Mag. laced with talc - Sharp change to	80% mag py	2439	32.6	35.0	24	0.62		006	—	—

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 920/ccc HOLE No. CC-11 SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
350	Dacite - brownish grey, very fine, somewhat chloritized along fractures	2-3% Py									
	390 - same but less altered, fine, uniform										
404	EOH										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-55°	090°
100	-53°	—
200	-52°	—

PROPERTY 42P/8CC CLAIM CC-1 HOLE NO. CC-12
LATITUDE STARTED Oct 27/78 CORE SIZE BQ
DEPARTURE FINISHED Nov 18/78 SECTION 10100N
9950E
ELEVATION ~1800 TOTAL LENGTH 263.3 LOGGED BY N.B. Kolo

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
10.6	Dacite - light grey green, fine to aphanitic, with spherules suggesting very coarse pillows										
	200 - spherules become more numerous - 10 - 20 cm pillows or bombs -										
	Sharp contact to										
26.3	Andesite - Fine, grey green, becomes more granular, greener massive - becomes fine, chilled nor contact to										
31.0	Dacite - light greenish grey, fine to aphanitic, quite uniform but with occasional spherules suggesting pillows.										
	Occ. qtz epidote veins at 20° CA										
	137.0 - medium grained flow center - distinctive unit.										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY Zenacc HOLE No. CC-12 SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	142.5 - brecciated flow.										
	New flow unit, brick										
	a medium pink fine										
	center										
	149.0 - New unit of										
	biotite - coarse center										
	with wide fine chilled										
	zone										
	152.3 New unit, becoming										
	fine to aphanitic										
	158.4 - New unit, medium										
	grained center										
	163.0 - New unit, fine										
	to aphanitic, very hard										
	Sharp 40° chilled										
	contact to										
185.4	Rhyolite - light grey, hard,										
	aphanitic flow breccia.										
	Sharp 45° Contact to										
185.7	Massive Sulphides - banded	80% PyCp	Z440	185.7	186.1	0.4	1.79		0.42	0.8	23.3
	45°, fragmental. Blocked										
	core to.										
186.1	Rhyolite - aphanitic,										
	grey green, very siliceous										
	with coarse py cubes -										
	possibly a tuffite										
	189.1 - Light grey flow										

DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY _____ HOLE No. CC-12 SHEET No. 3 of _____

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	flow breccia - v/g silic.										
198.5	Talc magnesite zone - pervasive grey to black coarse textured, unsheared, but with a few gouge seams	5% Py									
202.5	Rhyolite - grey, green, mod. sericitized, lightly fractured, with yellowish sections	1-2% Py									
	215.5 - 10 cm clay gouge. - broken core to										
216.2	Massive Sulphides - uniform, massive, with suggestions of fragmental texture Sharp 30° contact to	90% Py Cp	2441	216.2	219.7	3.5	2.32		1.08	0.62	12.3
219.7	Rhyolite - Grey, fine to aphanitic, very siliceous, bleached and fractured.	2-3% Py									
225.5	~~Andesite~~ - Green, quite massive, peppered with fine leucoxene. Chilled contact to										
235.0	Dacite - Green, fine to aphanitic, with interflow breccias and pillow selvedges	Patchy py in pillow margins									

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY _____ HOLE No. _____ SHEET No. _____ of _____

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	irregular contact to										
255.2	Andesite - Green, fine to medium grained, quite hard, bordering on dacite										
	gco contact to										
262.1	Tuffite - light grey green, chirty, aphanitic - Fair banding 45-50°										
2633	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-52°	090°
155	-47°	—

PROPERTY 92E/FCC CLAIM CC-1 HOLE NO. CC-13
LATITUDE STARTED Oct 31/78 CORE SIZE BQ
DEPARTURE FINISHED Nov 8/78 SECTION 10050N 9900E
ELEVATION ~1800 TOTAL LENGTH 155.5 LOGGED BY N.R.Wallis

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
0.5	Rocks - Grn grey, fine to aphanitic, hard. Scattered pelvedges throughout suggest large pillows - more than one flow unit may be present but contacts not definable. Sharp 35° contact, with minor qtz and silicification to	1-3% Py through-out - mostly on slips									
95.8	Massive Sulphides - Quite massive, with coarse fragmental texture in places. 30° beds of mafic up to 10 cm at 101.0. Sharp 75° CA contact to	95% Py Cp Mag	254	95.8	100.0	4.2	1.86		0.77	0.48	9.6
		" " "	47	100.0	105.0	5.0	1.38		0.81	0.34	9.3
		" " "	48	105.0	107.2	2.2	2.30		0.19	0.55	13.3
107.2	Rhyolite - light grey, very fine, hard, fractured, with minor flow banding structure	1-3% Py									

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1.23 g/t Au
11.4

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92/9 CC HOLE No. CC-13 SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	0.6 m white quartz										
	vein at 110.4 m										
	Sharp 45° CA contact										
	to										
124.8	Massive Sulphides - uniform	95% Py Cp	2549	1248	1300	5.2	1.91		0.21	0.75	9.6
	fine to medium grained,	"	50	1300	1340	4.0	1.95		0.27	0.82	14.7
	with patches of fragmental										
	structure - Cp filling										
	irregular breks and										
	patches - black to										
1340	Rhyolite flow breccia -	2-5% patchy									
	light grey, very	Py									
	fine, hard, with										
	excellent flow breccia										
	structure, mod. fract.										
	Between core to										
1484.0	Dacite - Grey, fine										
	to aphanitic, quite										
	conform, with wide,										
	spaced possible pillow										
	selvedges										
155.5	END										

1.93 / 9.2

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR		

PROPERTY 92A/8CC CLAIM CC-1 HOLE NO. CC-14

LATITUDE STARTED Nov 13/78 CORE SIZE BQ

DEPARTURE FINISHED Nov 20/78 SECTION 9950 N

ELEVATION ~1780 TOTAL LENGTH 225.0 9860 E

LOGGED BY N.R. Wolfe

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing -										
1.0	Dacite - Green, fine grained, with flow breccia structure										
	10.2 - becomes green, medium grained, fairly massive										
	19.7 - becomes fine to aphanitic, grey green, with widely spaced pillow selvedges										
	15° contact to										
95.8	Quartz vein - white, irregularly banded 15°-20% calcite. 15°										
	contact to										
98.2	Dacite - light grey green, fine to aphanitic, hard, with scattered pillow selvedges										
	0.4 m qtz. + white										
	vein at 113.5 m										
	Irregular, somewhat gradational 50° contact to										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92 F/SEC HOLE No. SC-14 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm	
174.0	Massive Sulfides — pyrite, banded 30° in places, but mostly quite massive, with patches of coarse fragmental texture — band of talc magnetite at 45-55° — .5m at 180.5. Sharp 60° contact to	95% Py Mag Cp	2442	174.0	180.0	6.0	2.66		0.88	0.69	123	168
		" " " "	43	180.0	185.0	5.0	1.15		0.86	0.41	6.8	
		" " " "	44	185.0	190.0	5.0	1.11		0.65	0.20	5.5	
			45	190.0	195.0	5.0	1.57		0.72	0.27	6.8	79.0
193.0	Rhyolite — light grey, fine, hard, lightly to mod. fractured. Flow breccia structure on places — also a few coarse dacite fragments 198.0 — becomes yellow green, altered, with sections of talc magnetite patchy shearing at 10° Sharp 65° contact to											
200.5	Massive Sulfides — Fairly massive but with fragmental texture low angle gouge and fault breccia to	90% Py Mag Cp	2446	200.5	201.5	1.0	0.80		0.16	Tr	Tr	
201.5	Dacite — Grey, fairly soft, fine, mod. carbonatized.	2% Py Po										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92A/8 CC HOLE No. CC-14 SHEET No. 3 of 3

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	Quite massive										
	205.0 - becomes light										
	grey green, fine, with										
	little alteration except										
	qtz. calcite centers										
	Fair, good flow										
	breccia structure in places										
	214.5 - becomes light,										
	altered, softer, mod.										
	carbonatized, with ex-										
	cellent flow breccia										
	structure. Sharp										
	change to										
221.5	Andesite - light										
	green, fine to medium										
	grained, massive										
225.0	End										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	090
100	-50°	-

PROPERTY 92-18 CC CLAIM CC-1 HOLE NO. CC-15

LATITUDE STARTED Nov 19/78 CORE SIZE BQ

DEPARTURE FINISHED Nov 21/78 SECTION 10050 N 9949 E

ELEVATION ~1807 TOTAL LENGTH 109.0 LOGGED BY K.B. Wilks

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm	
0.0	Casing -											
5.0	Massive Sulfides -	90% Py Sp CC	2347	5.0	9.3	4.3	0.47		001	Tr	Tr	
	very massive, but leached											.75
	and vuggy											
	9.3 - Lost core		—	9.3	10.3	1.0	—	—	—			
	10.3 - as before - very	90% Py Sp CC	2348	10.3	11.3	1.0	2.13		002	0.27	6.8	
	vuggy											13.7
	11.3 - Lost core - decomp-		—	11.3	14.7	3.4	—	—	—			
	osed gouge or fault											
	zone											
	14.7 massive sulfides		2349	14.7	18.7	4.0	0.71		006	Tr	Tr	
	mod. leached, vuggy,											
	broken											
18.7	Magnetite - very massive,	90% Mag Py	2350	18.7	25.0	6.3	0.05		002	034	6.2	-37-
	but with leached	< 5% Py Cp	2393	25.0	30.0	5.0	003		001	Tr	Tr	
	sections, a few lmn		2398	30.0	35.0	5.0	005		0.01	Tr	Tr	
	qtz calcite veinlets and		2395	35.0	40.0	5.0	0.16		003	Tr	Tr	
	stringers		2397	40.0	44.0	4.0	0.85		0.09	034	8.9	
	.5 m massive py at											
	30° at 39.2 m.											
	Coarse, fragmental py,											
	gradational to											
44.0	Massive Sulfides.	95% Py Cp Mag	2394	44.0	49.0	5.0	0.78		012	020	5.5	15
	Quite massive except		2399	49.0	53.0	4.0	2.54		0.32	0.34	8.9	9

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 920/ECC HOLE No. CC-15 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	for coarse, fragmental sections - a few qtz cpy veinlets at 70-90° CA										
53.0	Magnetite - badly broken with a little talc. Broken core to	80% Mag Py									
53.6	Rhyolite - grey green, massive, aphanitic, sericitized.										
	55.5 - grey flow or crackle breccia, with light buff to grey fragments in a black matrix	5% Py									
	0.3m mag. at 61.0										
	63.7 - same, but buff coloured, zeolitic	2-3% Py									
	69.3 - becomes grey, very siliceous.	5-15% Py									
	Grades to										
78.5	Massive Sulfides - fine to medium textured, quite massive with banding only on contacts	90% Py Cp	2396	74.5	78.5	4.0	1.57		0.09	0.41	8.9
78.5	Rhyolite - light grey, very siliceous, somewhat	2-5% Py									

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	090°

PROPERTY 92 East CC CLAIM CC-1 HOLE NO. CC-16

LATITUDE STARTED Nov 21/78 CORE SIZE BQ

DEPARTURE FINISHED Nov 23/78 SECTION 10150N (+2) 9952E

ELEVATION ~1807 TOTAL LENGTH 91.0 LOGGED BY N. E. Wells

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing - boulders of dacite and coarse granodiorite										
11.3	Gossan - very vuggy limonite with remnants of pyrite	10-20% Py									
12.6	Massive Sulphides - highly leached, vuggy, crudely banded 45-55° - Shear 45°, possibly faulted contact to	80% Py Mag Cp	2301	12.6	15.3	2.7	144		0.03	0.20	48
15.3	Fault Zone - dark grey to black talcose, with slickensides and slips about 30° - poor core	5-10% Py									
18.0	Andesite Fragmental - Greenish grey, fairly soft, with coarse fragments, some of which are rhyolite - 30° slip to										
26.1	Rhyolite - light grey, relatively soft, sericitized	2-3% Py									

DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY _____ HOLE No. CC-16 SHEET No. 2 of _____

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm	
	with yellowish patches. Possibly a massive tuffite											
	36.0 - becomes mod. fractured											
	40.4 - becomes strongly brecciated, gouggy, a strong fault. Sharp 45° contact											
	from gouge to											
42.6	Massive Sulfides -	95% Py Cp Hag	2302	42.6	45.0	2.4	2.22		0.67	035	35	
	Quite uniform, fine	" "	2303	45.0	50.0	5.0	1.74		0.26	055	68	
	to medium textured, with	" "	2304	50.0	55.0	5.0	4.83		0.44	069	9.6	4.14
	very poor bandings in	" "	2305	55.0	60.0	5.0	7.47		0.75	069	22.6	
	places - minor chalco-	" "	2306	60.0	62.6	2.6	2.25		0.69	041	20.5	20.0
	cite on slips - Blocked											
	core to.											
62.6	Rhyolite. light grey,	10-15% Py										
	very siliceous, flow or	in matrix										
	crackle breccia - Sharp											
	contact to											
69.1	Dacite to rhyo. - dark	2-5% Py										
	grey, fine, with fine											
	fine leucoxene, becoming											
	buff coloured, autobrecciated,											
	mod. altered											
	74.4 - becomes green											
	Possibly andesite alt. along											

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY _____ HOLE No. CC-16 SHEET No. 3 of 3

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	82.0 becomes green,										
	natural, unaltered,										
	fine to medium grained										
91.0	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	090°
100.0	-48°	-

PROPERTY 92P/8CC CLAIM CC-1 HOLE NO. CC-17
LATITUDE STARTED Nov 21/78 CORE SIZE BQ
DEPARTURE FINISHED Nov 30/78 SECTION 10100N (-1) 9950E
ELEVATION ~1804' TOTAL LENGTH 100.4' LOGGED BY N.B. Wolfe

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm	
0.0	Casing - boulders of dacite and coarse granodiorite											
14.0	Gossan - coarse, vuggy brown limonite	10% Py										
14.6	Massive Sulfides - Quite massive but leached and vuggy - Minor chalcocite on slips	95% Py, Cp	2307	14.6	20.0	5.4	1.59		0.19	0.55	12.3	T
			08	20.0	25.0	5.0	2.55		0.57	0.55	12.3	
			09	25.0	28.8	3.8	1.02		0.71	Tr	2.7	
												33.9
	28.8 lost core		L.C.	28.8	30.0	1.2	-	-	-	-	-	
	30.0 - massive, with poor banding - finer and coarser sections	95% BCp	10	30.0	35.0	5.0	0.91		0.24	Tr	1.37	
		" "	11	35.0	38.3	3.3	0.83		0.40	Tr	Tr	27.9
	irregular 30° contacts	95% CpBy	12	38.3	42.5	4.2	14.54		0.93	1.05	9.3	L
42.5	Rhyolite - grey, fine, siliceous, with poor banding 30° - possible tuffite	10-15% Py Cp	13	42.5	95.0	2.5	0.82		0.20	Tr	Tr	14.3
	45.0 - some, with a few qtz. veins - 10 cm gouge at 47.2.	2-3% Py										
	50.0 - darker grey, - a few good breccia patches	1 pc Py										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-17 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	55.5 — becomes very light coloured, with good breccia sections. Pyrite in matrix. Mod. fractured, with broken up core.	2-3% Py.									
66.2	Sulfide zone. Badly broken, gougy, somewhat leached. Mud and gouge to	70% Py Cp	2314	66.2	68.0	1.8	Tr	0.01		Tr	Tr
68.0	Dacite — light greenish grey, fine grained, somewhat brecciated and laced by dark grey to black chert. A few graphitic slips. 70.0 — Same, but less fractured — greenish, laced by irregular cherty stringers and with good "chickentrack" de-vitrification texture — Some patches with fine qtz eyes — 89.0 — becomes medium grained, grey, hard, quite unaltered except										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 928/ECC HOLE No. CC-17 SHEET No. 3 of 3

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	for qtz - zoisite stringers,										
	a few 1-2 mm qtz										
	calcite veins										
100.4	END										

DIAMOND DRILL ORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	090°
100	-48°	-

PROPERTY 921/ECC CLAIM CC-1 HOLE NO. CC-18

LATITUDE STARTED Nov 28/78 CORE SIZE BQ

DEPARTURE FINISHED Dec 1/78 SECTION 10250 N 9943 E

ELEVATION 1825 TOTAL LENGTH 165.0 LOGGED BY N.R. Culp

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing.										
3.5	Rhyolite - light grey, siliceous badly fractured and rusty - vague banding may indicate tuffite or flow banding 14.5 - becomes unaltered, but silicified, and chloritized to give a glassy greenish appearance.										
	19.0 Lost core										
	20.0 - as before, but lighter grey - irregular 35° contact to										
25.0	Andesite - dark grey green, fine grained, with coarser grandphyric patches - fine dusty limonite throughout - mod. carbonatized	Spec Py Cp									
	35.0 - Same, but not carbonatized										
42.0	Fault zone - - badly broken										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92C/8CC HOLE No. CC-18 SHEET No. 2 of 3

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	Core with gouge, qtz calcite veinlets 30°										
43.0	Rhyolite - light grey, very siliceous with irregular banding - irregular contact to	Spse Py									
97.3	Andesite breccia - dark grey, with rounded rhyolite fragments 45° contact to										
50.2	Rhyolite - light creamy to greyish white very siliceous, fairly massive faint breccia structure with sulfide in matrices -	Z-3% Py									
67.0	becomes badly broken, with dark pyritic sections, gouge, breccia, and qtz. vein 20-30% lost core	5-10% Py									
78.0	Dacite - grey fine grained, lightly carbonatized; coarsely brecciated with distinct fragments broadly to	Spse Py on fractures									
	78.0 - becomes fine to										

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DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY 92B/ECC HOLE No. CC-18 SHEET No. 3 of 5

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	medium grained weathered										
	Core area basaltic										
	coarse, spherulitic										
	Chilled contact - top										
	indicate up hole - to										
91.5	Andesite - Green,										
	fine to medium										
	grained fairly massive										
	chilled 90° contact to										
	100.2 - new flow										
	unit, - medium grained,										
	green - brown chilled										
	our last metre										
105.0	End										

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DIAMOND DRILL ORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	090°

PROPERTY 92F/8 CC CLAIM CC-1 HOLE NO. CC-19

LATITUDE STARTED Dec 2/78 CORE SIZE BQ

DEPARTURE FINISHED Dec 8/78 SECTION 10200N 9866E

ELEVATION 1815 TOTAL LENGTH 215.0 LOGGED BY N.B. Wilson

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
5.0	Rocks- light greenish grey, hard, fine to aphanitic - Scattered pillows selvedges - mod. fractured.										
	25.0 - same, but highly fractured - good core quite diagonally pillowed										
	Chilled to										
64.0	Andesite - green medium grained quite massive, with about 40° mafic phenos in a saussurite matrix - Chilled contact at 60° to	1% diss fo									
73.8	Rocks - light grey green, aphanitic, pillowed. Chilled 70° contact to										
75.3	Andesite - light green, fine pillowed - brown chilled at 84 m										
	86.0 - new flow unit - wide chilled margins										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY ~~CC~~ 92/ECC HOLE No. CC-19 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	but core is medium grained, similar to unit at 64 m. 90° Contact to										
88.5	Dacite - pale grey green, fine to aphanitic, very hard, pillowed chilled 75° contact to										
100.6	Andesite - Green, medium grained, with wide chilled margins 95° Contact to										
	102.7 - new flow unit: medium grained core with greenish hued, sussoritized plagioclase wide Chilled margins - 60° Contact to										
109.6	Dacite - grey, fine to aphanitic, somewhat fractured, with possible bombs or pillows										
114.0	Andesite - Green, with wide chilled margins, a medium grained core Irregular contact to										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92E/ECC HOLE No. CC-19 SHEET No. 5 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
119.3	Dacite - light grey green, fine to aphanitic, pillowed and with numerous recipcent flow breccia fractures										
128.5	Andesitic Fragmental - Green, a coarsely block, fragmental bedded by buff acic silicate 10 cm bleb of massive sulfides at 133.3 137.7 meters Irregular contact with fragments of andesite in tuffite to	pyrrhotite, Cp									
139.6	Tuffite - pale grey green to greenish, very hard, cherty, with patches of good thin bedding - a few coarse andesitic fragments Incorporates angular andesitic fragments to	Spl &									
145.0	Andesite - green, fine, becoming medium grained with irregular flow breccia structure - bleb to 10-15%										

DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-19 SHEET No. 4 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	epidote-zoisite - sharp 50° contact to										
165.4	Dacite ? - light grey green fine grained, faint, massive, relatively soft, lightly carbonatized in patches broken core to										
169.0	Tuffite - pale yellowish white chert zoisite rock, with traces of bedding Broken core to										
166.4	Tuffaceous sediment ? - Grey, heavily altered, mostly mg chlorite and sericite, minor carbonate Some sections consist of coarse rounded chert fragments - possibly a slump deposit 170.4 - becomes heavily faulted 5 - 20° CA, with 20% white qtz zoisite veins - abundant clayey gouge 177.0 - Some, but with										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 920/8CC HOLE No. CC-19 SHEET No. 5 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	Minor gouge & fine coarse rhyolite frag- ments - 3 cm gouge on 70° contact to										
183.2	Rhyolite - grey, aphanitic, very siliceous, mod. fractured. Probably originally a glassy flow breccia. 190.5 - becomes very brecciated, gouge, with some of the gouge pyrite. 192.0 - fairly solid, unfractured very siliceous and with 20-30% white qtz. Sharp, irregular contact to	3-5% Py disseminated in flow-BX fractures									
194.6	Rhyolite - Grey fine relatively soft and laced by dark, chert filled fractures - Somewhat Silicified - Becomes fragmental within 2m of contact to										
203.6	- new unit - mid-										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 929/8 CC HOLE No. CC-19 SHEET No. 6 of 6

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	grained grey quite massive. wide chilled zone to										
	210.7 - New flow unit - core is medium grained, feldspar fore, calcic - fossil, andesite										
215	END										

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DIAMOND DRILL ORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING GRID
COLLAR	-50°	Ø 90°

PROPERTY Granite Creek CLAIM CC-1 HOLE NO. CC-20

LATITUDE STARTED Dec 1/78 CORE SIZE BQ

DEPARTURE FINISHED Dec 8/78 SECTION 10150N 9892E

ELEVATION 1812 TOTAL LENGTH 174-2 LOGGED BY N.R. Wells

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
6.4	Dacite - light grey green, fine grained, hard, fractured and rusty										
	15.0 - becomes fresh, coarser, pillowed, with selvedges 2-3 m apart, fairly common flow breccia fractures filled with black qtz chlorite. Chilled irregular contact to										
86.8	Andesite - light green chilled flow top breccia grades to										
	88.5 - green, medium grained, quite massive, with texture verging on diabasic. Chilled to										
	102.4 - New flow unit - light green fine massive - fracturing and broken core to										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 928/FCC HOLE No. CC-20 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
105.0	Massive Sulfides- distinctly fragmental, poorly bedded 40°- chert pebble near top Sharp 45° Contact to	95% Py Cp	Z315	105.0	107.6	2.6	1.47	—	015	048	6.2
107.6	Rhyolite- light greenish grey, aphanitic, very siliceous, with patches of faint flow breccia structure. Peppered with fine spherules (?) throughout - 20 cm hard, consolidated fragmental band to	2-5% diss fine cubic py.									
	122.7- light grey, very siliceous with good flow breccia structure - gouge to	1-3% Py, some in fragmint interstices									
130.0	Rhyolite fragmental- fairly coarse with occasional fragments to 10 cm, averaging < 1 cm. Broken core to	5-10% Py, mostly in matrix									
140.2	Massive Sulfides- coarse textured, poorly bedded. 45° Contact to	95% Py Cp	Z316	140.2	140.5	0.3	1.36		Tr	021	3.4
1405	Rhyolite- light grey,	5% Py									

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 920/FCC HOLE No. CC-20 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	coarsely fractured, with poor banding, possibly flow banding but could be bedding - broken core to										
143.5	Massive Sulfides - fine to coarse textured, granular.	95% Py	2317	143.5	144.0	05	015		Tr.	0.14	2.0
144.0	Rhyolite - light grey, coarsely fractured, very siliceous. Poorly defined contact to	2-5% fine Py									
148.4	Tuffite (?) - light grey, cherty well bedded 55-60° but otherwise not too distinct from rhyolite above - 45° breccia and gouge to	2-5% fine Py along bedding									
152.5	Dacite - light grey green fine becoming medium grained, massive. Brownish chilled to										
163.6	Tuffite - light grey, cherty, faintly bedded 60° - blocked to										
167.0	Dacite - chilled fine top, becoming medium grained with a few rugged spherulites.										
174.2	END										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING EST.
COLLAR	-50°	270°
100	-46°	-
200	-47°	-

PROPERTY 920/8CC CLAIM CC-1 HOLE NO. CC-21

LATITUDE ..... STARTED Dec 3rd, 1978 CORE SIZE BQ

DEPARTURE ..... FINISHED Dec 16th, 1978 SECTION 9900N 1010E

ELEVATION 1792 ± TOTAL LENGTH 2330 LOGGED BY N.B. Volk

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
00	Casing										
2.7	Dacite - light green, fine to aphanitic										
	25.3 - becomes medium grained, with good diabasic texture										
	29.5 - becomes fine grained, with massive chilled to										
	33.5 - new flow unit scoriaceous flow top, becoming medium grained diabasic at 44.7 - chilled to										
	39.8 - new flow unit - medium grained bordering on andesite, with fine inclusions - a few bombs - chilled to										
	43.7 - new flow unit. 1 m scoriaceous top, becoming medium grained massive, with good diabasic texture chilled to										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/FCC HOLE No. CC-21 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	55.9- new flow unit- fine grained, with abundant fuzzy quartz eyes - sharp chilled internal contact										
	to 76.0 - new flow unit - pillowed and sheared top - light green, fine to aphanitic - sharp 45° contact										
	to 79.9 - becomes medium grained, fairly massive, becoming chilled										
	to 86.0 - pale green, aphanitic, very hard, with internal chilled contact - chilled										
93.5	to Andesite - light green, fine to medium grained, dusted with fine white feldspar Chilled 30° contact										
	to										
114.1	Dacite pale grey green, fine to aphanitic, with few good crystals										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92 P/BCC HOLE No. CC-21 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	or flow banding structure throughout - fairly numerous qtz calcite veins - some of fractures filled by dark grey qtz.										
	168.0 - same, but more massive, unfractured patches of devitrification texture throughout. Cored by fine dark chert filled fractures - scattered 1-5 mm white qtz veins										
	Blocked core to										
193.5	Massive Sulfides - fine grained fairly uniform, with a few 2-5 mm white qtz chalcopyrite veins - becomes coarsely granular with bands of magnetite to	75% Py Cp	2318	195	197.0	3.5	0.78	0.09		1.03	20.6
		" " "		197.0	202.0	5.0	1.07	0.28		0.20	3.4
202.0	Talc zone - grey green to yellowish, 95% talc fairly massive. Grades sharply to	5% Py - a 2 cm band of Py at 203.3	—	202.0	205.5	3.5	—	—		—	—

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1.22

20.9

DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY 921/ECC HOLE No. CC-21 SHEET No. 9 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
2055'	Massive Sulphide - fine grained, fairly massive, with faint coarse fragmental texture, and bandings at 30°-35° Chalcopyrite as irregular blebs and bands Tan qtz calcite vein on sharp 45° Contact to		-	2055	2100	45	1.99		1.09	Tr	Tr
				2100	2144	44	1.91		0.66	Tr	Tr
2144	Dacite - light greenish grey, very fresh with irregular epidote bands pillow selvedges - Chilled 45° Contact to										
2214	Andesite - grey green, fine, becoming medium grained, porphyritic basal core - becomes chilled near sharp 50° Contact to										
2284	Dacite - light greenish grey fine to aphanitic, coarse, pillowed										
2330	END										

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DIAMOND DRILL ORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING EST.
COLLAR	-50°	090°
50	-50°	-

PROPERTY 92F/8CC CLAIM CC-1 HOLE NO. CC-22

LATITUDE STARTED Dec 8/78 CORE SIZE BQ

DEPARTURE FINISHED Dec 11/78 SECTION 10100 N 9981 E

ELEVATION TOTAL LENGTH 60.0 LOGGED BY N.B. Wells

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
2.6	Rhyolite - light grey,										
	siliceous, mod. to highly										
	fractured, rusty										
	4.5 - Lost Core										
	5.4 - As before - very										
	broken - poor core										
	8.0 - becomes fewer,	5% pyrite,									
	fresh, mod. fractured,	py in									
	with fair flow breccia	stringers									
	structure in place -										
	Fault gouge at 8.3 m										
	32.0 - coarse breccia,										
	with secondary fault										
	brecciation superimposed										
	3 cm path stringer										
	sulfide in blocky core										
	at 32.4 m.										
	Black 50° gouge										
	and breccia fg										
34.7	Dacite - light grey,										
	fine grained, laced										
	with dark grey qtz filled										
	fractures - a few										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-22 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	qtz calcite veins										
	43.4 - quartz vein										
	44.4 - dacite, or bifore										
	a few Feldsp, spherulitic										
	patches										
	54.0 - same but with										
	abundant fuzzy qtz eyes										
60.0	END										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING (GRID)
COLLAR	-50°	096°
50.0	-47°	

PROPERTY 92A/FCC CLAIM CC-1 HOLE NO. CC-23

LATITUDE STARTED Dec 7/78 CORE SIZE BQ

DEPARTURE FINISHED Dec 10/78 SECTION 10050 N 9985 E

ELEVATION TOTAL LENGTH 60.0 LOGGED BY N. Bulloch

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing -										
3.3	Rhyolite - light grey, fractured, with good breccia structure, badly broken and rusty 70° contact to										
10.8	Dike - dark grey, fine, black felsic.										
12.0	Rhyolite - grey, very siliceous, brecciated. Fractures are rusty										
	21.0 - becomes quite massive aphanitic with patches of devitrification texture	minor py									
	34.7 - good breccia structure, with 10-15% quartz veins - blocked to	10-15% py in matrix									
38.0	Dacite - light greenish grey, very fine, brecciated throughout and healed by dark fracture fillings Carbonatized over first										

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DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 920/PCC HOLE No. CC-23 SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	few meters										
	50.0 - becomes fine										
	to medium grained,										
	massive with good										
	diabasic texture										
	55.0 - becomes grey,										
	aphanitic										
600	END										

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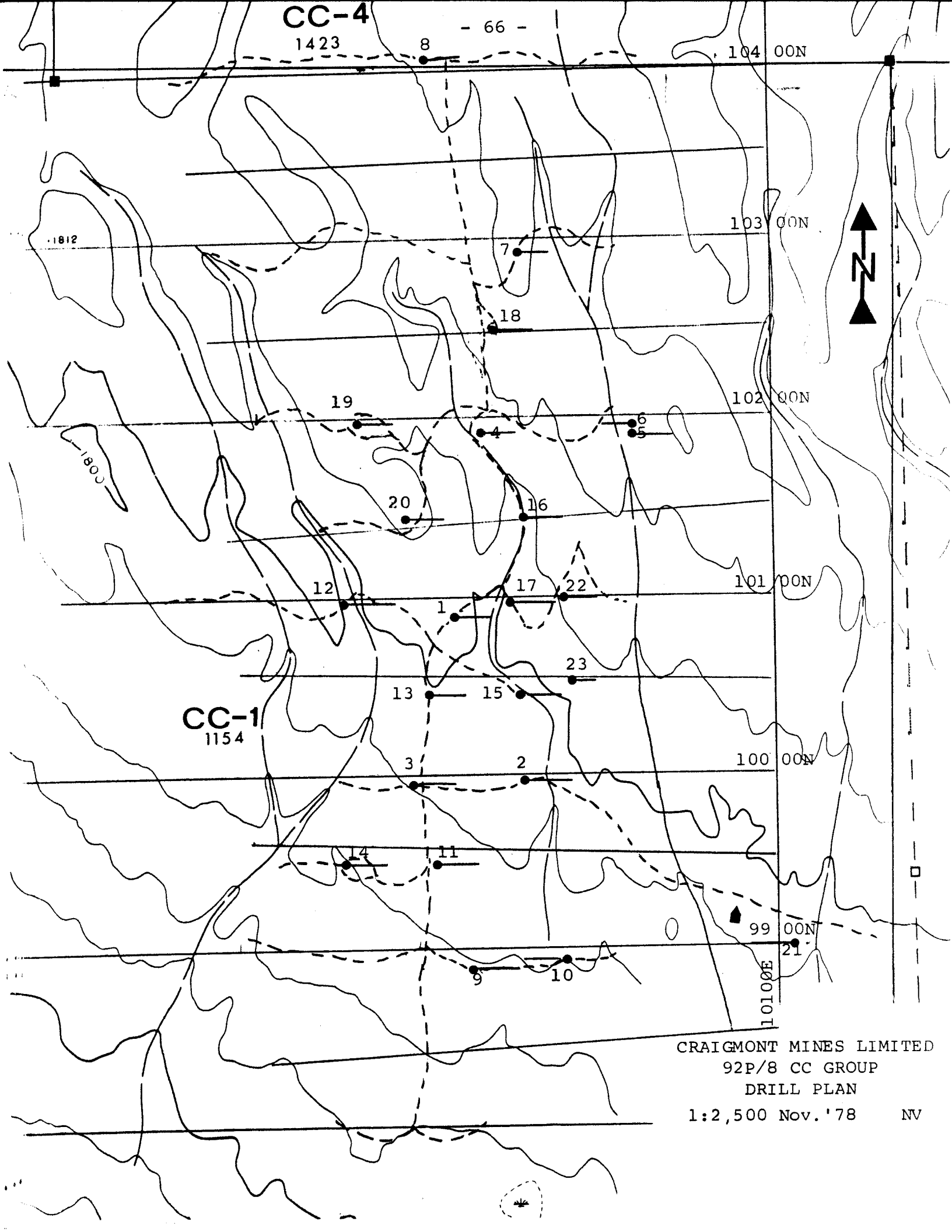

CRAIGMONT MINES LIMITED
92P/8 CC GROUP
DRILL PLAN
1:2,500 Nov.'78 NV