ASSESSMENT REPORT

TYPE:	DIAMOND DRILLING
CLAIMS:	CC-1
MINING DIVISION:	KAMLOOPS
NTS LOCATION:	92P/8 E
LATITUDE:	51°23'
LONGITUDE:	120°04'
OWNER:	CRAIGMONT MINES LIMITED
OPERATOR:	SAME
AUTHOR:	N.B.VOLLO, P.ENG.
DATE:	OCTOBER 20/82

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,958

TABLE OF CONTENTS

LOCATION AND ACCESS	1
CLAIMS	1
HISTORY AND PREVIOUS WORK	1
GEOLOGY	1
DRILL PROGRAM	1
CORE STORAGE	1
QUALIFICATIONS	1
STATEMENT OF EXPENDITURES	2
LOCATION MAP	3
DRILL PLAN	4
CORE LOGS	5

LOCATION AND ACCESS

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

CLAIMS

The property consists of the CC-1 to 11 mineral claims, totalling 150 units, record nos. 1154, 1373-74, 1424, 1428 and 1455-60 inc. All are in the Kamloops M.D. and held by Craigmont Mines Limited.

HISTORY AND PREVIOUS WORK

A massive sulfide deposit was discovered on the CC-1 claim in 1978 and subsequent drilling outlined a deposit contain about 2,000,000 t grading 2% Cu. (A.R.s, N.B. Vollo, Jan 22/79, Oct. 4/79, Oct. 20/81, Sept. 27/82)

GEOLOGY

The deposit consists of beds or lenses of cupriferous pyrite, magnetite and talc in a siliceous tuffite unit within basalts of the Fennell formation. (W.J. McMillan, B.C. Min. Energy, Mines & Pet. Res., Paper 1980-1)

DRILL PROGRAM

Three holes, totalling 1665 m, were completed as the continuation of a program to explore the deposit at depth on approximatly 100 m centers. All holes intersected narrow zones of massive sulfides, tuffite and altered basalt on projection of the surface zone.

CORE STORAGE

Core is stored in racks on site.

QUALIFICATIONS

Core was logged by the writer.

N.B. Vollo, P.Eng
Oct. 20th, 1982

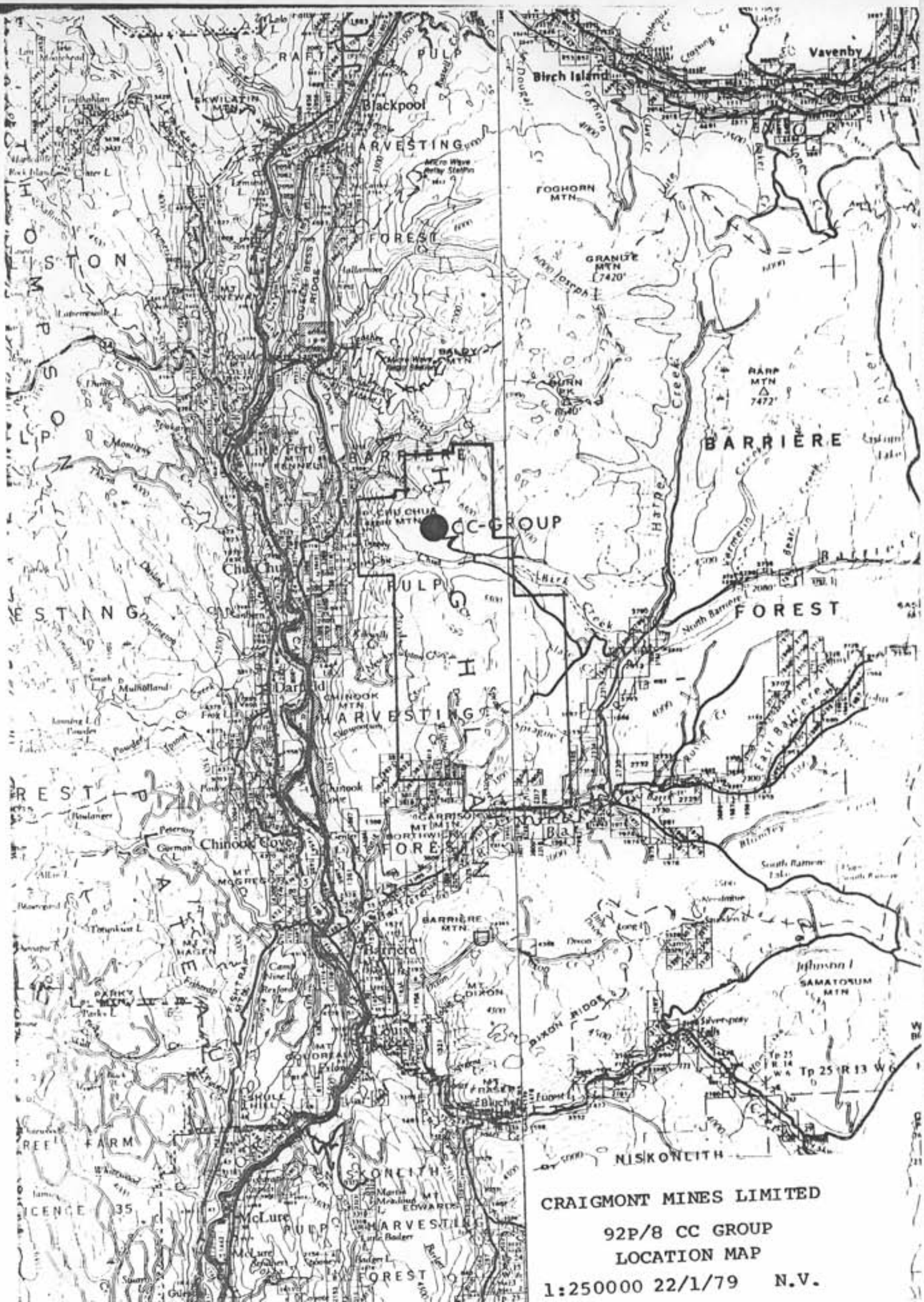
STATEMENT OF EXPENDITURES

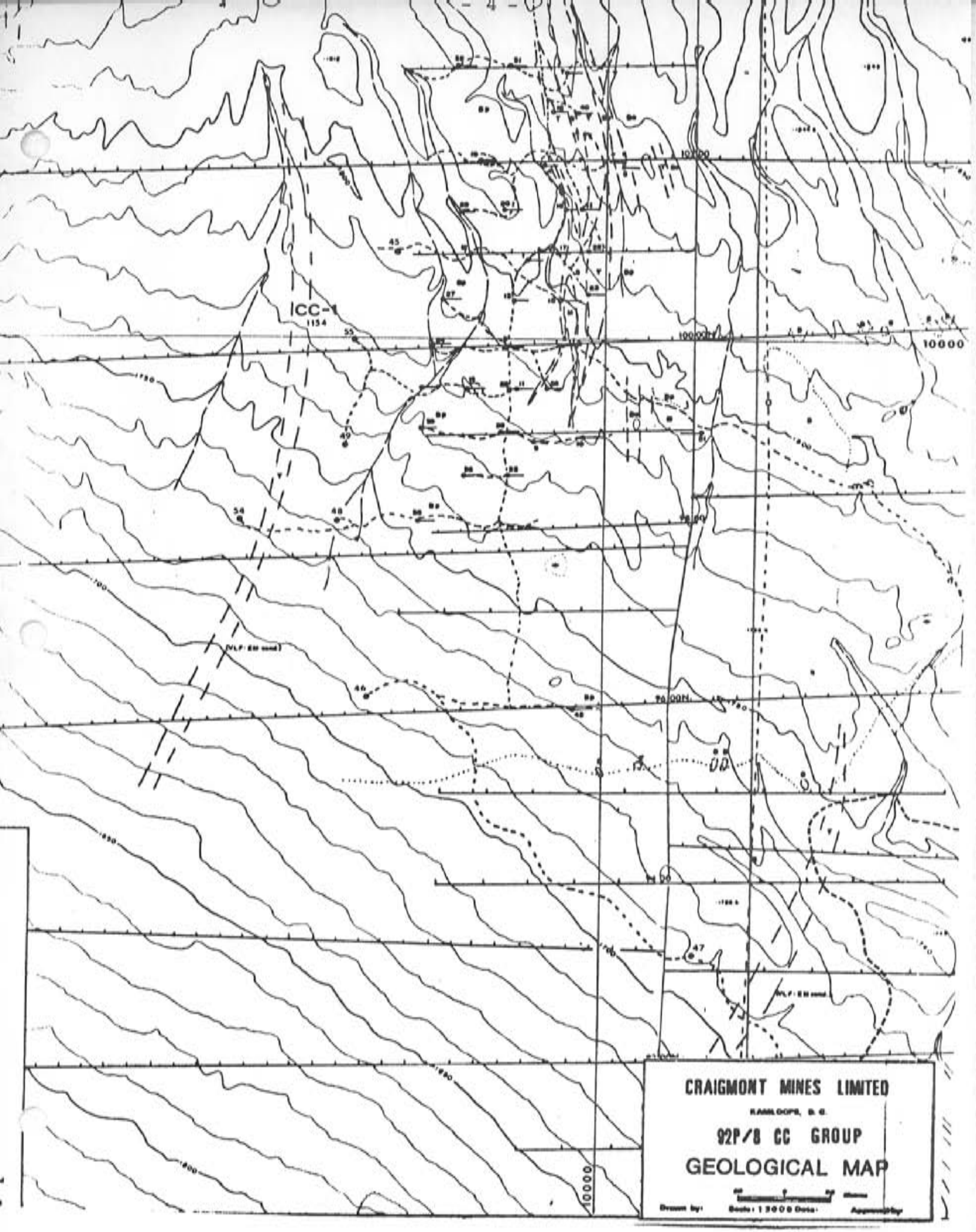
1665 m BQ diamond drilling at $53.50/m -------$89,102

CONTRACTORS

Double G Diamond Drilling Ltd.
Box 21, Glencairn Park,
WILLIAMS LAKE, B.C. V2G 2P2

H. Allen Diamond Drilling Ltd.
Box 1397,
MERRITT, B.C. VOK 2BO


Vavenby
Birch Island
Blackpool
RAFT
PULP
HARVESTING
FOREST
FOGHORN MTN
GRANITE MTN 7420'
BARRIERE
CC-GROUP
Little Fort
Chu Chua
Darfield
CHINOOK MTN
Chinook Cove
Barriere
BARRIERE MTN
SAMATOSUM MTN
DIXON RIDGE
NISKONLITH
McLure
Tp 25 R 13 W 6
Tp 25 R 14 W 6
CRAIGMONT MINES LIMITED
92P/8 CC GROUP
LOCATION MAP
1:250000 22/1/79 N.V.


ICC-1
1154
10000
CRAIGMONT MINES LIMITED
KAMLOOPS, B.C.
92P/8 CC GROUP
GEOLOGICAL MAP

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-55°	090°
100 m	-53°	
200 m	-51°	
300 m	-52°	
400 m	-50°	
500 m	-50°	

PROPERTY: Tel/Tec
CLAIM: CC-1
HOLE NO.: CC-49
LATITUDE: 9870.28
STARTED: Aug 20/82
CORE SIZE: BQ
DEPARTURE: 9727.23
FINISHED: Sept 12/82
SECTION: 9900N 9725E
ELEVATION: 1759.59
TOTAL LENGTH: 499.3
LOGGED BY: N.B.Wills

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Zn%	Au ppm	Ag ppm	
0.0	Casing -										
2.0	Pillowed Basalt -										
	Pale grey green,										
	fine, rusty and broken										
	broken core to										
6.0	Basalt -										
	massive, fine, brownish										
	medium grained - sharp										
	85° chilled contact to										
12.4	Basalt - Pillowed -										
	Pale grey green, very										
	fine to aphanitic										
	sharp 90° contact to										
95.1	Basalt -										
	Aphanitic breccia										
	flow top, brownish										
	medium grained, light										
	green, massive										
	sharp 30° contact to										
118.3	Basalt - Pillowed										
	Fine, aphanitic, pale										
	green, w/ numerous pillow										
	selvedges. Sharp, irregular										
	chilled contact to										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92 P/8 CC HOLE No. CC-49 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
288.7	Basalt - massive -										
	Medium grained, green										
	fairly massive.										
	40° CA contact to										
289.9	Basalt, pillowed.										
	Light grey green,										
	fine to aphanitic, with										
	numerous pillow selvedges,										
	mostly at about 40°										
	White quartz stringer										
	11 core from 308-310m										
	and from 374.4-377.0,										
	and 393.5-395.0m -										
	Sharp 45° contact to										
395.4	Tuffite.										
	Fine to aphanitic buff										
	coloured calc silicate -										
	chert rock - poorly										
	bedded 45°.										
	5 cm gouge and 45°										
	slip to										
396.6	Sulfide zone -										
	Coarsely bedded 45°,	50% Py Cp	5909	396.6	396.9	03	139	029		0.77	7.42
	with tuff interbeds										
396.9	Basalt Tuff.										
	Green, fine grained,	Trace Py									
	poorly bedded 45-55°, with										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/FCC HOLE No. CC-49 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	10-30% buff coloured calc silicate veining probably filling primary spaces										
	Sharp 45° Change to										
405.7	Sulfide Zone-		5910	405.7	406.3	0.6	0.88	0.42		1.00	7.42
	Poor but distinct banding at 45°-	60-70% Py Cp									
	Sharp 60° rough contact to										
406.3	Basalt Fragmental-										
	Dark grey green, chloritized and carbonatized, fairly soft, cut by numerous clay gouge seams, mostly about 45°-										
	10% white qtz. veinlets										
	Sharp 45° contact to										
412.6	Basalt-										
	Light green, uniform, carbonatized and laced by 10% calcite veinlets										
	416.0- less altered, with a few pillow selvedges										
	421.0- Same, but 15% buff calc silicate stringers										
	15 cm qtz calcite on										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92 P/Zn HOLE No. CC-49 SHEET No. 4 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	Sharp 45° Contact to										
425.7	Sulfide zone-										
	Fairly massive with	70% Py Sp	5911	425.7	428.3	2.6	0.83	0.03		0.90	5.5
	15% grey qtz stringers.			~~428~~							
	Possibly fragmental in										
	part - no bedding										
	Sharp 40-45° Contact										
	to										
428.3	~~[illegible]~~ Tuff										
	Pale green, fine basaltic	10% Py disc									
	tuff, poorly bedded	and in 1-5mm									
	40°, with some sections	beds									
	bordering on tuffite										
	Grades to										
431.0	Basalt-										
	Fine grained, pale	Minor Py Sp									
	green, with no obvious										
	pillows. Lightly fractured										
	and laced by quartz										
	calcite and buff calc										
	silicate stringers - lightly										
	carbonatized										
	441.0- Coarse breccia										
	or fragmental section-										
	Possible flow top										
	443.5- light green, quite										
	massive, laced by 10% calc-										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-55°	090°
100	-53°	
200	-54°	
300	-54°	
400	-52°	
500	-51.5°	650m - -47°

PROPERTY 920/PCC CLAIM CC-1 HOLE NO. CC-54
LATITUDE 9799.43 STARTED Sept 10/82 CORE SIZE AQ
DEPARTURE 9601.05 FINISHED Oct 9/82 SECTION 9800 N 9600 E
ELEVATION 1730.75 TOTAL LENGTH 688.3 m LOGGED BY N.B. Vollo

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Zn%	Au ppm	Ag ppm	
0.0	Casing										
5.0	Basalt - Pillowed										
	Pale grey green, fine										
	to aphanitic, with										
	abundant pillow selvedges										
	9.7 lost core										
	11.3 as before - a										
	few rusty oxidized										
	fractures										
	68.5 - 30% coarse										
	irregular vein breccia										
	71.3 - As before - numerous										
	pillow selvedges - centers										
	of some pillows have										
	a mottled appearance										
	Minor gouge seams, 40°										
	to core, to										
	166.0 - Moderately fractured										
	and laced by 15-20%										
	qtz carb. veinlets										
	174.0 - becomes pale green,										
	mod. fractured, with										
	badly broken core										
262.0	Basalt - Massive										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY: 92A/PCC HOLE No. CC-54 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	fine, becoming medium grained, then fine again to										
273.6	Basalt - Pillowed. Grey green, fine to aphanitic with rather sparse pillow selvedges										
282.0	Basalt - Massive - Green, fine becoming medium grained then fine, chilled over 4m to										
294.0	Basalt - Pillowed - Pale green, fine to aphanitic, with numerous pillow contacts - Abrupt change to 338.4 - buff coloured zoisite zone with numerous fine qtz filled fractures. Grades back to 346.0 - Green, fine, with numerous pillow contacts. Lightly fractured, with good core - Qtz veining on contact to										
373.4	Basalt - Massive										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/PCC HOLE No. CC-54 SHEET No. 3 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	Fine grained with typical texture - Chilled to										
376.7	Basalt - Pillowed - Light green, fine, lightly fractured - Sharp change to										
434.6	Basalt - Massive - Fine, almost glassy, becoming medium grained, with typical texture - 1mm pyroxene phenos in a buff zoisite matrix. Becomes chilled near sharp, irregular contact to										
444.7	Basalt - Pillowed Pale grey green, fine to aphanitic, with numerous pillow contacts - a few pillow centres show coarse grey mottling - Sharp 55° contact to										
516.7	Basalt, massive Fine, becoming medium grained, with 1mm pyroxene phenos in a buff zoisite										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8CC HOLE No. CC-54 SHEET No. 4 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	Matrix										
	535.0 - Same, but										
	coarser, almost gabbroic										
	in appearance										
	547.0 - becomes chilled, with										
	irregular contact //										
	core to										
548.5	Basalt, - Pillowed										
	Fine to aphanitic, pale										
	grey green - very good										
	core - Sharp 45° contact										
	to										
583.4	Basalt										
	Grey, very fine,										
	tuffite in part, becomes										
	dark green, fine, massive										
	Becomes fragmental										
	over 5 cm on sharp										
	55° contact to										
587.6	Tuffite -										
	Dark grey, well bedded,	minor py									
	siliceous										
	Grades to										
588.5	Basalt -										
	Dark green, fine, chlor-	minor py									
	itized and carbonatized,										
	but quite massive - broken										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92B/8CC HOLE No. CC-54 SHEET No. 5 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	core to										
	594.5 - dark green to	5% Py as									
	black, a coarse fragmental,	beds,									
	chloritized, cut by	fragments									
	numerous qtz calcite	and diss.									
	veinlets - somewhat										
	sheared with numerous										
	muddy gouge seams										
	Grades sharply to										
599.5	Sulfide Zone -										
	Poorly bedded 40°,	60% Py Cp	5920	5995	602.2	2.1	382	0.76		0.52	15.17
	vaguely fragmental in										
	appearance, and with										
	a few distinct fragments,										
	some of basalt, some										
	of pyrite, some chello										
	Sharp 40° contact to										
602.2	Basalt -										
	Tuff? - dark green,	5% Py									
	chloritized, poorly bedded										
	about 40°, with minor										
	tuffite bands -										
	610.2 - same, but with	30% Py	21	610.2	612.6	2.4	006	0.03		0.71	3.87
	patchy granular pyrite										
	sections, possibly filling										
	interstices between blocks -										
	612.6 - Same, but with less	10% Py Cp	22	612.6	619.0	6.4	009	004		013	2.90

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92A/8CC HOLE No. CC-54 SHEET No. 6 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	pyrite - fairly uniform,	2.									
	but with a few distinct										
	fragments										
	Grades to										
	619.0 - fine, dark grey	2-3% Py									
	green, moderately carb-										
	onatized, fairly massive										
	624.0 - becomes a coarse	Minor Py									
	blocky fragmental with										
	interstices filled by										
	buff zoisite veining										
	but relatively unaltered										
	634.5 - green, fine,	Minor Py									
	fairly uniform, laced										
	by 10% fine zoisite stringers										
	lightly carbonatized										
	and with a few qtz										
	zoisite vein breccias up										
	to 30 cm										
	5 mm 45° gouge seam										
	to										
652.4	Tuffite Breccia -										
	Grey to buff, roughly	5% Py	5923	652.4	656.1	3.7	001	004		3.61	1.94
	bended 30° - Angular										
	fragments up to 2 cm										
	in a breccia matrix - partly										
	a secondary breccia with										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/FCC HOLE No. CC-54 SHEET No. 7 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	several 30-45° gouge										
	seams. Sharp 45° contact to										
656.[illegible]	Basalt-										
	Green, moderately	Trace Py									
	fractured, with a few										
	gouge seams - Relatively										
	unaltered, but with a few										
	zoisite and white qtz										
	calcite stringers - probably										
	a massive tuff - lightly carb'd										
	663.7 - becomes grey, aphanitic,										
	very massive - possibly										
	chilled bottom of										
665.6	Basalt - massive										
	Green, fine to medium										
	grained, with a few										
	irregular zoisite stringers										
	Becomes chilled near										
	sharp, irregular contact to										
672.5	Basalt - Fragmental										
	Coarse blocky flow										
	or fragmental - Quite										
	unaltered										
688.3	End										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-55°	090°
100 m	-56°	
200 m	-54°	
300 m	-55°	
400 m	-47°	

PROPERTY 92P/8 CC CLAIM CC-1 HOLE NO. CC-55

LATITUDE 9999.00 STARTED Sept. 13/82 CORE SIZE BQ

DEPARTURE 9725.04 FINISHED Sept. 24/82 SECTION 10000N 9725E

ELEVATION 1780.11 TOTAL LENGTH 477.0 LOGGED BY N.B. Vollo

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Zn%	Au ppm	Ag ppm	
0.0	Casing.										
3.5	Basalt - Pillowed.										
	Light green, fine grained, badly										
	broken and fractured. Numerous										
	pillow selvedges.										
	15.0 - same, but lightly fractured,										
	very fine grained, with numerous										
	pillow selvedges. Chilled contact to										
152.4	Basalt - massive.										
	Green, fine, becoming medium										
	grained, very massive. Chilled, with										
	40 cm interflow breccia to										
187.5	Basalt - Pillowed.										
	Light grey green, fine to										
	aphanitic, with numerous pillow										
	margins. Sharp 50° contact to.										
374.0	Sulfide Zone.										
	Green basaltic tuff with a	2-5% py cp	5913	374.0	375.2	1.2	0.12	0.02		1.81	2.90
	few stringers and fragments of sulfides										
	near upper contact										
375.2	Tuffite.										
	Grey, very poorly bedded, partly	Minor py									
	a coarse fragmental - cut be numerous										
	muddy gouge seams 45-55° CA										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P/8 CC HOLE No. CC-55 SHEET No. 2 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	388.0 - becomes more siliceous, band-	10-15% banded	5914	388.0	393.8	5.8	0.02	0.21		0.19	2.90
	ed nearly parallel to core. Sharp 55°	py									
	to										
393.8	Sulfide Zone.										
	Massive granular pyrite, partly	60% py cp	15	393.8	394.6	0.8	0.72	0.03		1.03	7.42
	crushed to gouge. Sharp contact to										
	394.6 - mostly badly broken tuffite -	30% py cp	16	394.6	395.9	1.3	0.79	0.08		0.29	5.48
	a fault zone.										
	395.9 - tuffite and basaltic tuff with	25% py cp	17	395.9	397.7	1.8	2.47	0.30		0.90	10.32
	interbeds of sulfides at 30-50° CA.										
	Grades to.										
397.7	Basalt										
	Green to dark green, fine grained,	10-15% py,	18	397.7	400.0	2.3	0.11	0.04		0.06	2.90
	with short fragmental sections -	diss. in breccia									
	possibly a blocky flow. Strongly	sections and	19	400.0	405.0	5.0	0.11	0.11		0.06	2.90
	carbonatized and chloritized with	as irregular									
	5% qtz calcite veins	stringers.									
	408.0 - becomes less altered	minor py									
	415.0 - becomes a coarse blocky frag-	minor py									
	mental with buff zoisite veining										
	432.0 - becomes darker green, more	10-15% py, a									
	chloritic, coarsely fragmental with	few blebs cp									
	sulfides in interstices and as fuzzy										
	fragments.										
	465.0 - same, but more massive. very	1 - 2% py									
	little carbonate										
	473.3 - becomes grey, aphanitic.										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 92P-8 CC HOLE No. CC-55 SHEET No. 3 of 3

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	finely fractured	3-5% diss. py									
	475.0 - becomes green, fairly massive										
477.0	END										