

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: SEPT. 27/82

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,940

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LOCATION AND ACCESS

The CC group is located on Chu Chua Mountain, about 20 km northeast of Barriere, and is readily accessible 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 as the result of drilling a small gossan and magnetite showing. Subsequently a deposit containing about 2,000,000 t grading 2% copper was outlined by 6172 m of diamond drilling (A.R. Jan. 22/79, Oct. 4/79).

GEOLOGY

The deposit consists of beds of massive, cuprif-erous pyrite, magnetite and talc in a siliceous tuffite unit within basalts of the Fennell formation. It strikes southerly, dips steeply west and plunges steeply south. Surface mapping and flow contacts observed in core indicate tops face west. Individual sulfide beds may be up to 20 m thick and in addition to copper, contain minor amounts of zinc, gold, silver and cobalt.

DRILL PROGRAM

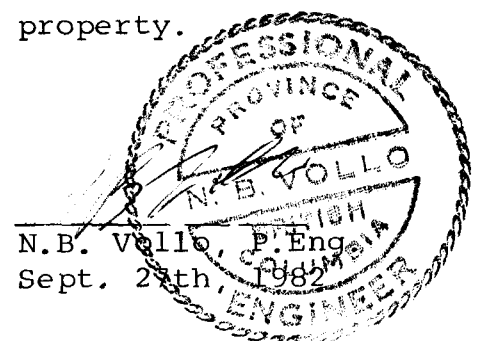
A program was started in 1981 to explore the deposit down dip and plunge on approximately 100m centers and one hole reported then (A.R. Oct. 20/81). The program was continued in November, 1981 and to August, 1982, an additional three holes totalling 1039 m were completed. Two holes intersected the mineral horizon and sulfides; a third, drilled on a parallel conductor, intersected only basalt.

CORE STORAGE

Core is stored in racks on the property.

QUALIFICATIONS

Core was logged by the writer.



STATEMENT OF EXPENDITURES

Diamond Drilling, 1039 m at \$63/m -----\$ 65,457

CONTRACTOR

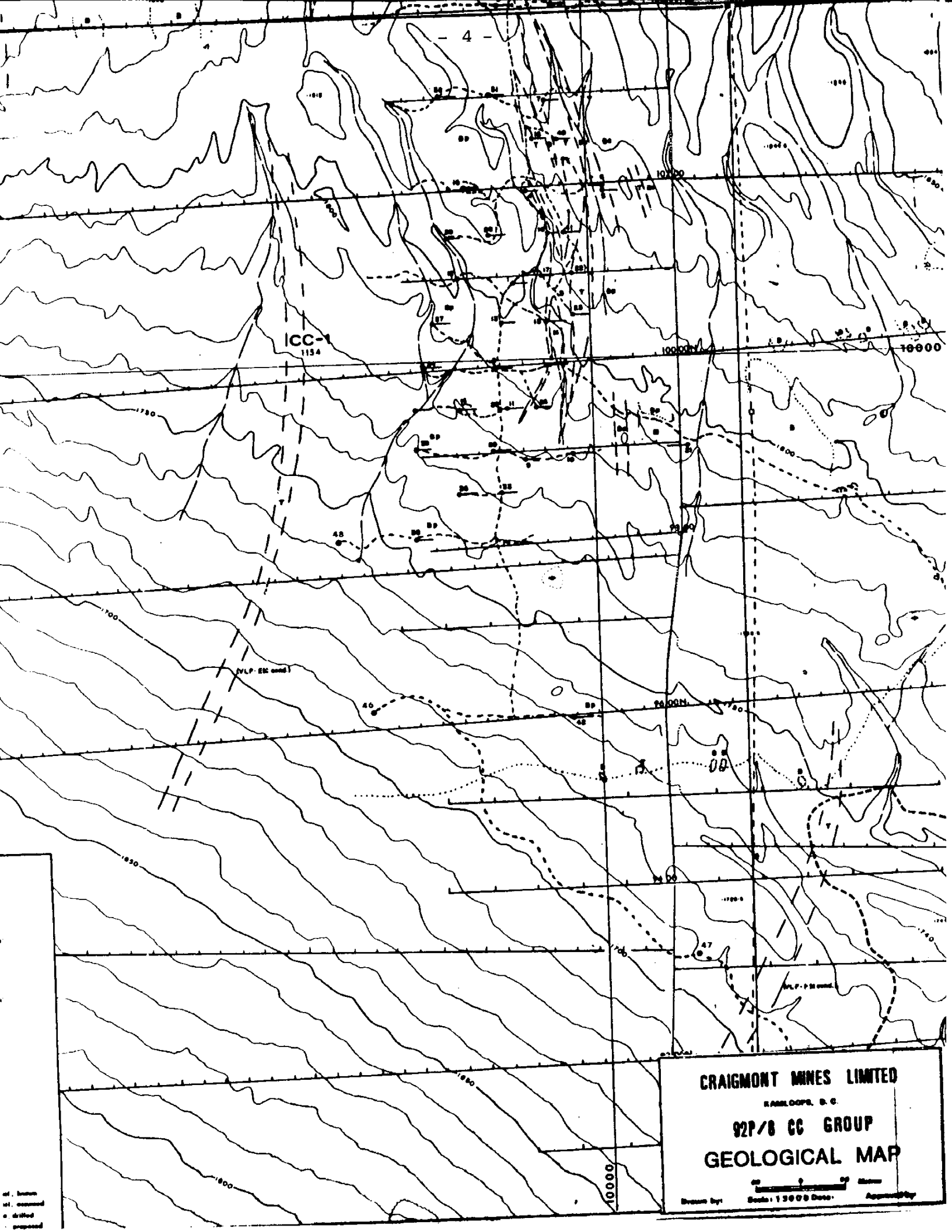
Double G. Diamond Drilling Ltd.
Box 21, Glencairn Park,
WILLIAMS LAKE, B.C.



CRAIGMONT MINES LIMITED

92P/8 CC GROUP
LOCATION MAP

1:250000 22/1/79 N.V.



of basin
 of normal
 of drilled
 proposed

CRAIGMONT MINES LIMITED
 RAMBOOP, D. C.
92P/8 CC GROUP
GEOLOGICAL MAP
 Drawn by: _____
 Scale: 1:5000 Date: _____
 Approved by: _____

DIAMOND DRILL ()RE LOG - SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-50°	090°
100 m	-50°	
200	-50°30'	
300	-52°30'	
400	-52°	

PROPERTY 92 P/E CC CLAIM CC-1 HOLE NO. CC-46
 LATITUDE 9605.33 STARTED Oct 24/81 CORE SIZE BQ
 DEPARTURE 9745.73 FINISHED Nov 4/81 SECTION 9600N
 ELEVATION 1712.33 TOTAL LENGTH 420.00 9750E
 LOGGED BY N.B. VIK

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
0.0	Coring										
5.0	<p> Pillowed Basalt Pale grey green, very fine grained, with numerous pillow selvages - Occasional medium grained patches 10 cm 50° fault gouge to 141.7 - becomes strongly fractured, laced with fine dark grey alteration - 10 cm Qtz banded 50° at 141.8 with strong carbonatization Resembles alt. in footwall of main zone Sharp change to 149.9 - light grey pillowed, with patches of primary breccia - lightly fract- ured. - 3 m 15° Qtz vein, weak gouge, at 219.0 </p>	<p> 2-5% Py on fractures Tr Cr? </p>									

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DIAMOND DRILL CORE LOG -- SAMPLE RECORD

 PROPERTY 92 P/ECC

 HOLE No. CC-46

 SHEET No. 2 of _____

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	219.3 - becomes very fresh, light grey, with numerous pillow structures - very good core.										
	sharp 70° contact to										
303.8	Basalt flow breccia. Pale grey green, very fine, with good primary flow breccia structure -										
	lightly altered, mod. carbonatized and laced by 5-10% dark grey qtz stock work and cut by a few white qtz veins up to 2 cm,										
	320.0 - becomes medium textured, more massive, carbonatized - sharp change to										
324.2	Pillow Basalt. Light grey, fine grained, unaltered, with numerous pillows - very good core - no fracturing										
429.0	END										

DIAMOND DRILL CORE LOG - SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR		090°
100	-53°	
200	-56°	
300	-57°	
400	-57°	
500	-58°	

PROPERTY 92P/FCC CLAIM CC-1 HOLE NO. CC-48
 LATITUDE 9800.55 STARTED July 14/82 CORE SIZE BC
 DEPARTURE 9714.19 FINISHED Aug 19/82 SECTION 9800 N
 ELEVATION 1740.74 TOTAL LENGTH 509.0 9715 E
 LOGGED BY N.B. Kelly

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Zn %	Au ppm	Ag ppm
00	Casing									
5.0	Basalt, Pillowed									
	Light grey, very fine to aphanitic, pillowed									
	2.5 lost core - cemented									
	11.3 - as before, fairly numerous pillow sills									
	46.3 - becomes medium grained, grey green, massive - chilled to									
	52.1 - light greenish grey, aphanitic, pillowed									
	71.0 - becomes fine grained, fairly massive									
	76.1 - flow contact breccia to similar flow to above.									
	103.5 - becomes aphanitic, greenish grey, pillowed									
	191.0 - coarsely brecciated, minor fault at 35° CA.									

DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY 92P/FCC

HOLE No. CC-48

SHEET No. 2 of _____

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
191.3	becomes pale greenish grey, aphanitic, and less uniform than preceding unit - pillowed, with abundant selvages										
319.3	probable flow contact - pillowed (?), but selvages very sparse - fine to aphanitic, hard, highly saussuritized.										
336.0	Flow contact? - becomes less uniform, pillowed, with abundant patches of grey mottling.										
345.0	Grey mottling stops - possible contact light green, uniform, aphanitic, distinctly pillowed. Indistinct contact to										
375.0	Basalt, massive. Darker green, medium grained, quite massive. Sharp, irregular chilled contact to										
384.5	light green, fine to medium grained, fairly massive flow unit.										

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DIAMOND DRILL CORE LOG -- SAMPLE RECORD

 PROPERTY 92 A/ECC

 HOLE No. CC-48

 SHEET No. 3 of _____

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	Sharp, chilled 35° contact, with a few cm breccia to										
400.3	Basalt, pillowed - light green, fine to aphanitic, with a few grey mottled patches - widely spaced pillow selvages, a metre or more apart										
	Sharp, irregular, approx 30° contact to										
445.7	Sulfide Zone										
	10 cm chert cpy on upper contact -	50% irregular Py cpy sp ²)	5903	445.7	450.0	4.3	2.46	0.30		3.68	15.2
	Very irregular, patchy zone with sections of mineralized green tuff, coarse fragmental granite and also a few coarse magnetite fragments - poor bonding about 50° CA		04	450.0	452.4	2.4	2.28	0.42		0.71	11.3
	Sharp 40° contact to										
452.4	Basalt - Tuff? - Green, medium to fine, fairly massive, but with a suggestion of poor bedding	10% Py cpy as 2-35cm bands	5905	452.4	455.0	2.6	0.51	0.24		0.40	4.8

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DIAMOND DRILL CORE LOG -- SAMPLE RECORD

 ERTY 92P/2CC

 HOLE No. CC-48

 SHEET No. 4 of _____

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	and a few sulfide beds										
	455.0 - same, but with only a few pyrite fragments	1-2% Py		455						0.13	2.9
	Sharp 30-35° contact to										
462.1	Tuffite										
	Grey, quite massive, with minor carbonate, becoming green tuff at 463.1	10% Py sp	5906	4620	4634	1.4	0.03	0.04		0.13	2.9
	35° slip to										
463.4	Fault zone -										
	Soft, muddy breccia - possibly a post sulfide fault. - Grades to	Spse Py	07	4634	4647	1.3	0.02	0.09		0.26	1.9
464.7	Sulfide zone -										
	poorly banded about 50° Sharp 40° contact to	70% Cp Py	08	4647	4654	0.7	2.23	1.69		1.42	15.2
465.4	Tuffite -										
	Grey, very irregular, with 50% green talcy sections along which shearing and faulting here taken place - Partly a coarse breccia - sharp 70° irregular contact to	2-5% Py									
472.3	Basalt										
	Pale buff green, bleached										

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DIAMOND DRILL CORE LOG -- SAMPLE RECORD

DATE 9/29/80

HOLE No. CC-48

SHEET No. 5 of

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu%	Zn%	Pb%	Au ppm	Ag ppm
	and zoned, moderately carbonatized, with 5-10% irregular white quartz calcite stringers										
	35° contact to										
489.7	Tuffite -										
	Grey, cherty, poorly bedded 35° CA.	10% P ₇ , minor									
	493.7 - becomes grey green, more tuffaceous, fairly massive	1-2% P ₇									
	497.0 - becomes a breccia with fragments up to 2 cm, matrix, mostly chert, in a fine cherty matrix - 40° quartz	5-10% P ₇ in									
	and slip to										
	503.7 - buff colored, zoned, poorly bedded at about 30-40°	1-2% P ₇									
	irregular, fragmental type contact to										
506.3	Basalt -										
	Green, fractured, cut by numerous qtz calcite stringers -										
509	End - Note: hole stopped due to cave - would require cementing										

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