

6276

DIAMOND DRILLING REPORT

ON

THE 82E/11 CA GROUPS

OF

CRAIGMONT MINES LIMITED

AT

CARMI, B.C.

BY

J.F. BRISTOW, P.ENG.

MAY 27th, 1977

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT

NO. \_\_\_\_\_

DIAMOND DRILLING REPORT

PROPERTY

82E/11 CA-2 and CA-3 Groups  
CARMI, B.C.

CLAIMS

CA-2, CA-3, Doe 1-4, Marc 1-24

COST

CA-2 - DDH 77-25, 196 m ----- \$7644.42

CA-3 - DDH 77-22, 82 m ----- 3099.28

CONTRACTOR

Connors Drilling Ltd.  
205-1201 West Pender St.  
VANCOUVER, B.C.

CONTENTS

Drill Logs, Holes 77-22, 77-25  
Drill Plan, 1:5000, in pocket  
Location Map, 1:50,000

LOGGED BY

*J.F. Bristow*  
J.F. Bristow, P.Eng.  
May 27th, 1977

M-1-82E/11 CA GROUP

*J.F. Bristow*



CRAIGMONT MINES LIMITED  
 LOCATION MAP  
 82E/11 CA GROUP  
 1:50,000  
 Sept. 30th, 1976

# DIAMOND DRILL CORE LOG - SAMPLE RECORD

1 of 4

DEPTH	DIP	BEARING AST.
COLLAR		
0	-90	—

PROPERTY CARMI 82E/11CA CLAIM \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ STARTED 1 FEB / 77  
 DEPARTURE \_\_\_\_\_ FINISHED 4 FEB / 77  
 ELEVATION 2 1130 TOTAL LENGTH 82.1 METERS

LOGGED BY J.F.B  
 CORE SIZE BQ  
 SECTION 10 300 N  
11 000 E  
 HOLE NO. 77-22

Footage Meters	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
0 - 7.3	Overburden									
7.3 - 35.5	E Zone Breccia Complex									
	(a) $qtz$ -Amphibole Diorite, foliated									
	(b) fine grained Mafic Diorite									
	(Biotite Amphibole $qtz$ )									
	(c) occasional feldspathized fragment									
	previously called porphyritic Granodiorite									
	core badly broken throughout									
	gassy & chloritic									
	7.3 - 13.1 65% recovery	occasional patch	2601	11.0	16.0	5.0		.087		
	9.5 - 9.7 massive sericite ± MoS <sub>2</sub>	massive pyrite	2602	16.0	21.0	5.0		.043		
	13.1 - 16.7 mainly fractured $qtz$	Trace clusters of								
	veining of chloritic gouge	rosettes of MoS <sub>2</sub>								
	13.1 - 15.3 48% core recovery	in $qtz$ of mafic								
	18.0 - 18.1 Massive Sericite	Diorite								
	19.2 - fracture @ 55° to CIA									
	plated with black sulphide(?)									

J.F.B.

# DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY C.A.R.M.I.

HOLE No. 27-22 Page No. ....

Depth METERS	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
	20.1 - 20.2 sugary qtz ± sericite									
	19.8 - 28.0 82% core recovery									
	20.9 - 21 mm veinlet of chalc.									
	24.0 - 24.2 Biotite rich mafic Diorite									
	25.1 - 25.15, 26.1 - 26.35 massive sulphides ± visible MoS <sub>2</sub>	MoS <sub>2</sub> Py Cpy	2603	21.0	26.0	5.0		.008		
	27.8 - 27.9 Massive sulphides ± blebs of fluorite	CaF <sub>2</sub>	2604	26.0	31.0	5.0		.108		
	27.9 - 28.0 feldspathized fragment									
	29.9 - 30.2 crushed white qtz ± visible MoS <sub>2</sub>	MoS <sub>2</sub> Py Cpy	2605	31.0	36.0	5.0		.068		
	30.6 - 30.7 Massive sulphide (pyrite) greenish sericite irregular patches MoS <sub>2</sub> fine green chlorite									
	31.9 - 33.2 crushed white qtz									
	33.2 - 33.4 Massive MoS <sub>2</sub>	MoS <sub>2</sub> Cp Pp	2606	36.0	41.0	5.0		.053		
	35.2 - 35.5 fine grained sheared mafic diorite rock well chloritized									

# DIAMOND DRILL CORE LOG -- SAMPLE RECORD

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PROPERTY .....

HOLE No. 77-27 Page No. ....

Footage (METERS)	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
35.5 39.6	Qtz White crushed & sugary 2% pyrite to MoS <sub>2</sub> 70% Core Recovery									
39.6 47.3	Hornblende - Qtz Diorite - medium ground - highly altered - epidote, chlorite, K-feldspar 39.6 - 40.5 fault zone mainly gouge maximum core length 5 cm. 42.3 - 45.0 haematite on fractures 43.9 - 44.2 "porphyritic" Qtz-feldspar pegmatite epidote alteration of hornblende is pervasive biotite common in fresher looking Sections 46.9 - Vague foliation c. 65° to CH.		2607	41.0	46.0	5		.053		
47.3 - 51.1	Hornblende - Qtz Diorite partially crushed & healed & epidote stringers. Vaguely foliated. K-feldspar (20%) throughout - often as irregular stringers up to 2mm in width.									
51.1 79.0	Granodiorite fresher looking rock than before.									

# DIAMOND DRILL CORE LOG -- SAMPLE RECORD

A of 4

PROPERTY CARMI

HOLE No. 77-22 Page No. ....

Footage <i>(Meters)</i>	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
	badly broken ground - average core length 5 cm.									
	numerous gouge filled fractures 8 to 10% matrix.									
	Feldspar Phenocrysts up to 4mm.									
	gouge 58.9-59.1; 60.1-60.3; 60.5-60.7	MoS <sub>2</sub> , Py.								
	- Qtz stringers & patchy pyrite & occasional bleb MoS <sub>2</sub> 60.2-60.3; 68.5-68.7									
	70.0-70.6; 30% recovery Qtz - feldspar porphyry (pegmatite dyke) - minor Mo @ upper contact.	MoS <sub>2</sub>	2608	66	71	5.0		.048		
	77.8-79.0 Crushed & chloritized Granodiorite									
79.0	82.1 FAULT GOUGE - 40% recovery (Ground squeezing?)									
	V.D Hole Ends @ 82.1 Meters.									

# DIAMOND DRILL CORE LOG - SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-90	

PROPERTY CARMI 82E/11 CA CLAIM \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ STARTED 16 FEB 1977  
 DEPARTURE \_\_\_\_\_ FINISHED 20 FEB 1977  
 ELEVATION 21348 TOTAL LENGTH 196.4 METERS

LOGGED BY JFB  
 CORE SIZE B9  
 SECTION 10.200N  
9300E  
 HOLE NO. 77-25

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
0	3.7 Overburden									
3.7	17.6 Diorite - foliated fine to medium grained mafic rich (hornblende) 3.7 - 7.1; 8.4 - 8.5; 8.7 - 11.1 mainly weathered angular fragments recovered									
	11.1 - 11.6 qtz-feldspar pegmatite dyke									
	15.5 - 16.4 fine grained mafic diorite foliations contorted epidote alteration throughout.									
	16.5 - 16.7 gougy									
	16.7 - 17.6 mainly qtz-feldspar pegmatite									
17.6	91.0 Diorite - qtz-Hornblende (20-25% mafic) epidote alteration of hornblende throughout epidote & chlorite also associated & healed fracture zones.									



# DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY C.A.R.M.I.

HOLE No. 77-25 Page No. 27

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
	- minor pyrite associate ± qtz veining									
	- no visible MoS <sub>2</sub>									
	little K-feldspar									
	29.6-29.9 Lamprophyre dyke lower contact; upper contact irregular									
	qtz feldspar pegmatite 26.9-26.95;									
	38.0-38.4; 42.0-42.05; 56.3-56.7, 61.1-61.3									
	qtz veining 36.0-36.05; 45.8-46.0									
	partially crushed and chloritized									
	with local K-feldspar 49.6-58.2									
	patchy silicification ± disseminated									
	pyrite 54.2-54.6									
	qtz vein ± minor pyrite / sericite									
	74.6-74.7; 77.5-77.55;									
	pegmatite vaguely porphyritic 69.6-70.1									
	86.9-87.0.									
91.0	93.2 pegmatite dyke light coloured									
	occasional bleb magnetite									
	upper contact 70° to C17. (slip plane)									
E-701	lower contact irregular									

*Thompson*

# DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY CARM

HOLE No. 77-25 Page No. 3 of 3

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
93.2										
179	Diorite (Same rock as 17.6-91.0)									
	97.4 fine qtz 1% pyrite									
	99.3 - 99.5 well crushed, & holed.									
	qtz-feldspar pegmatite 100.8-101.2									
	110.6-110.8, 120.7-121.6, 130.1-131.3, 132.2-132.5									
	local feldspar 100.1-110.8 107.7									
	108.0; 135-136.1; 159.8-160.3.									
	qtz vein ± abundant pyrite 121.6-									
	121.8 ± sericitic gouge 111.8-112.3;									
	qt-feldspar pegmatite (pinkish colour)									
	138.5-140.6, 141.2-141.6; 145.0-146.2,									
	148.05-148.5									
	163-163.4 fine grained mafic diorite pyrite fracture filling									
	qtz vein ± patchy massive pyrite									
	146.2-146.8 176.4-176.45									
	159.2-159.6 crushed & gouge									
	partially crushed abundant epidote									
	as stringers & throughout ± chlorite 170.7-174.1									
179	182.4 qtz-feldspar pegmatite; dyke									

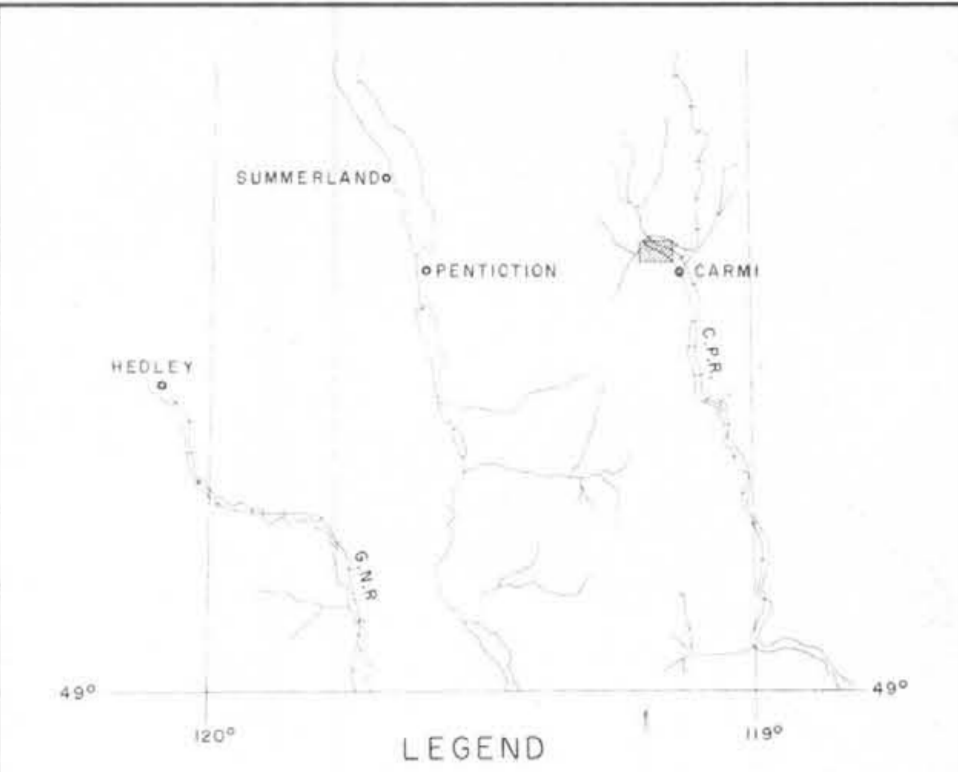
# DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY CARMI

HOLE No. 77-25 Page No. 1

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
	light colour - fractured ground									
	occasional fracture filled with									
	sericite pyritic gouge									
182.4 - 196.4	Diorite medium grained; qtz - hornblende epidote alteration of hornblende along fractures throughout.									
	182.6 - 182.7 qtz vein with patchy massive pyrite.									
	pinkish qtz feldspar pyromelane dykes. 189.1 - 189.3, 192.6 - 192.7; 194.6 - 194.7; 195.3 - 195.4									
	less than 1% pyrite									
	No visible MoS <sub>2</sub>									
	Minor K-feldspar locally associated with fracturing									
	D.B.H Ends @ 196.4 Meters.									

*E.B. [Signature]*



6276  
M-1

CRAIGMONT MINES LIMITED  
KAMLOOPS, B.C.  
82 E/11 CA GROUP

Drawn by: *James J. [Signature]*  
Scale: 1:5,000 Date: 12/1/77 Approved by: \_\_\_\_\_