

ASSESSMENT REPORT

TYPE: DIAMOND DRILLING

CLAIMS: A-1, A-2, Fox 1-4,
MK 1 to MK 4 inc.

MINING DIVISION: KAMLOOPS

NTS LOCATION: 82M/4 E

LATITUDE: 51° 03'

LONGITUDE: 119° 02'

OWNER: CRAIGMONT MINES LIMITED

OPERATOR: " " "

AUTHOR: N.B. VOLLO, P.ENG.

DATE: JULY 4th, 1978

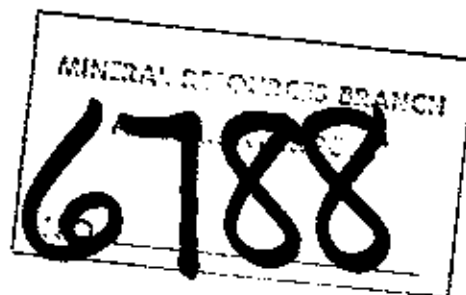


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In Pocket

Geological Map, 1:5,000, 82M/4MK-1
(Hole locations)

INTRODUCTION

The 82M/4 MK Group is located on the Adams Plateau, north of Shuswap Lake, and is accessible by good logging roads.

CLAIMS

the property consists of the following claims:

A-1, A-2, record nos. 128831, -832.

Fox 1-4, record number 490

MK-1 to MK -4 inc., record nos. 565 to 568 inc.,

all in the Kamloops M.D. and held by Craigmont Mines Limited.

HISTORY AND PREVIOUS WORK

Lead-zinc-silver showings have been known on the property for many years. Various surveys, stripping and drilling were done by Giant Metallics and others in the 1960's and earlier but only very scant records of this work are available. The property was optioned to Craigmont by Orell Copper Mines Ltd. in 1976 and geochemical, magnetic and electromagnetic surveys completed in 1977.

GEOLOGY

The property is underlain almost entirely by pyritic bedded chert or tuffite, with minor thin limestone units, of the upper part of the Eagle Bay formation. Narrow zones of massive pyrrhotite - sphalerite - galena occur conformably within this sequence.

DRILL PROGRAM

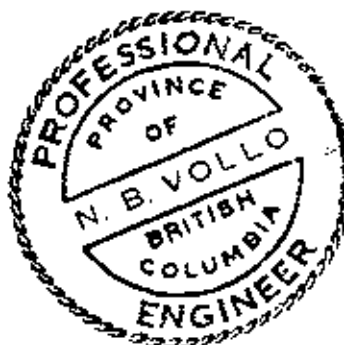
A series of short BQ diamond drill holes, four of which, totalling 222 metres, are included in this report, were drilled to test downward extensions of known sulphide zones or EM conductors. Results were negative.

CORE STORAGE

The core is stored on the BC group, about five kilometres to the south, as indicated on the location map.

QUALIFICATIONS

The core was logged by the author who obtained a B.A. in geology from the University of Saskatchewan in 1950 and an M.Sc. in geology from McGill University in 1959, and has practised his profession for 28 years.



N.B. Vollo, P.Eng.
July 4th, 1978

STATEMENT OF COSTS

MK-77-4, 90 metres, -----	\$3104
-5, 43 " -----	1450
-6, 49 " -----	1546
-7, 40 " -----	1346
Tractor rent, 21 days at \$13 --	273
Tractor hours, 20 at \$10 -----	<u>200</u>
Total -----	\$7919

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



CRAIGMONT MINES LIMITED

LOCATION MAP

82M/4 MK GROUPS

1:250,000

DIAMOND DRILL CORE LOG - SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-51°	S 05° E

PROPERTY 237/A MK CLAIM MK-2
 LATITUDE STARTED Aug 24/77
 DEPARTURE FINISHED Aug 29/77
 ELEVATION 1742 M TOTAL LENGTH 90.6

Footage (METRE)	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Zn %
0	Casing							
3	Tuffite - white, grey and brown, finely bedded 60-70° SW but with patches of red clay interbedded bedding	E-34 P ₁ P ₂						
13.0	Same	5% Sp P ₁ P ₂ in bed	1094	13	14	1	0.20	2.54
14.0	As before - grey cherty, with a little epidote - sharp intrusive contact to	E-34 P ₂						
22.5	Pyroxinite - Green, medium grained, massive with some sparse plagioclase in fractures phenocrysts - a few inclusions of tuffite. Sharp, chilled 60° contact	E-34 P ₂						

LOGGED BY N.B. Vollo
 CORE SIZE 60
 SECTION 10470 N
2725 N
 HOLE NO. MK-77-4



DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE No. mk 77-4 Page No. 2

PROPERTY _____

Sample No.	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %
	11 to bedding to							
31.7	Tuffite - grey, thin bedded, with a few limestone bands,	1-2% P ₂ O ₅						
48.7	- sulphide zone	30% P ₂ O ₅						
49.1	- As before - mostly white and brown banded, but with series of grey cherty material	Spars. P ₂ O ₅ , 1% P ₂ O ₅						
54.0	- 50% green to grey tuffaceous sections - patches of garnet and clayside(?)							
65	- uniform, well bedded 70° white and brown tuffite							
70.7	- Dark grey, cherty, well bedded, very hard							
74.7	- light grey to white							

DIAMOND DRILL CORE LOG - SAMPLE RECORD

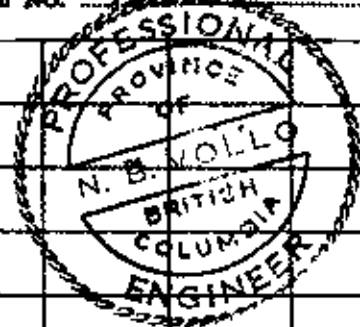
DEPTH	DIP	BEARING AST.
COLLAR	-55°	S0-15

PROPERTY 824/17K
 LATITUDE _____
 DEPARTURE _____
 ELEVATION 1681 m

CLAIM HK-A
 STARTED Aug 29/77
 FINISHED SEP 2/77
 TOTAL LENGTH 43.0

Feet Meters	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %
0	Casing							
4.6	Tuffite - light sand, well bedded with black bands - 5-10% limonite.	Sparse P ₇						
15.7	becomes grey, well bedded 65° CA							
22.0	becomes white and brown banded	Sparse P ₇						
24.0	becomes dark grey-green, tuffaceous, well bedded 60-65°	15 cm massive P ₀ at 28.0						
28.2	becomes white with brown banding.	Sparse P ₇						
34.0	Tuff - dark grey green, cherty, poorly bedded	2-3% P ₇						
36.6	Tuffite - predominantly white with brown banding	1% P ₇						

LOGGED BY J.B. [Signature]
 CORE SIZE BC
 SECTION 10000 E
9870 N
 HOLE NO. 11-5



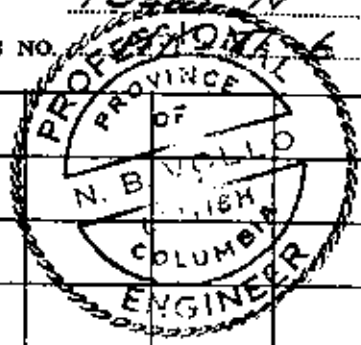
DIAMOND DRILL CORE LOG - SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-45°	S

PROPERTY EEH/MK CLAIM FEL-4
 LATITUDE _____ STARTED Sept 6/77
 DEPARTURE _____ FINISHED Sept 9/77
 ELEVATION 1640 m TOTAL LENGTH 49.0

Range Meters	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %
0	Collar							
2	Tuffite - Grey to white, well bedded 60° CA. Patches of opalite and coarse quartz	1% P ₁ - Sp stages c. 3 cm at 21						
22.5	becomes darker with grey and brown banding 50° CA	1-2% P ₂ - Ga in 9/2, stage at 26.5						
30.0	limestone - Grey and white bedded 50° CA							
30.3	Tuffite - mostly dark grey to black, argillaceous or calc. blks. well bedded 45°	2-5% P ₁ , some						
35.3	becomes grey and white bedded with 10-20% limestone bands							
49.0	End							

LOGGED BY B. H. H.
 CORE SIZE 50
 SECTION 9540 E
10485 N
 HOLE NO. 10485 N



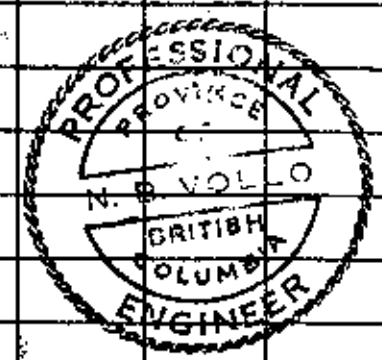
DIAMOND DRILL CORE LOG - SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-55°	South

PROPERTY BET/4 MK CLAIM FOX 1-4
 LATITUDE _____ STARTED Sept 9/77
 DEPARTURE _____ FINISHED Sept 14/77
 ELEVATION 1640 m TOTAL LENGTH 40.0 m

DEPTH METRES	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %
0	Casing							
0.8	Tuffite - mostly grey and black banded 45-55° CA. Black in Mg chlorite - sections of iron granules grey cherty material - OCC. patches of coarse garnet and epidote	2-14% P ₂ O ₅						
20.3	white grey	minor P ₂ O ₅						
20.9	Tuffite as before, 65% black chlorite bands							
22.3	Feldspar clastic - light grey, very fine, fairly massive							
24.5	Tuffite - mostly black banded 50° CA, with sulphide	2-5% P ₂ O ₅ with 5cm concls to 20%						

LOGGED BY N. B. Vollo
 CORE SIZE BC
 SECTION 9400 E
10815 N
 HOLE NO. MK-77-7

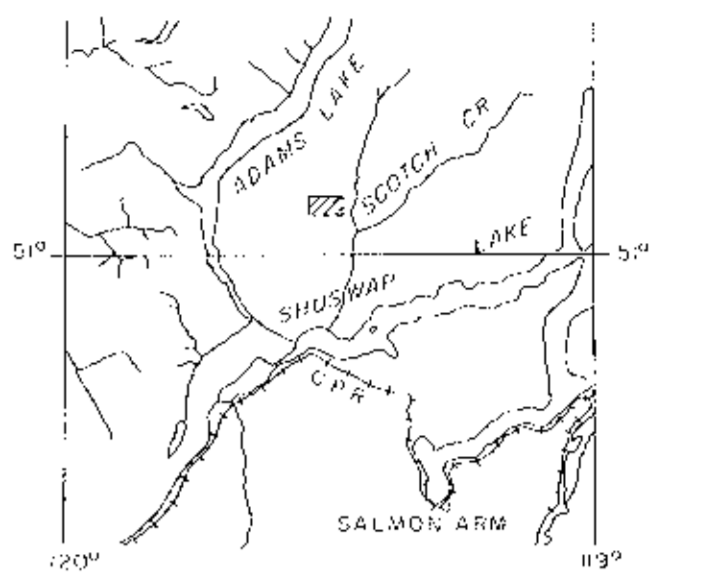


DIAMOND DRILL CORE LOG - SAMPLE RECORD

PROPERTY

HOLE No. 171-727 Page No. 2

Footage <i>(meters)</i>	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %
	<i>along schistosity, bedding, minor SxCP</i>							
	<i>in matrix and as aggregates</i>							
	<i>345 - as veins - matrix</i>	<i>>1% Pb Po</i>						
	<i>grey, silica siliceous,</i>							
	<i>well bedded 45-55°</i>							
<i>40</i>	<i>END</i>							



LEGEND

	Basic dikes		Claim Post, Section 1
	Qtz. Feld. porphyry		Claim Post, Section 2
	Limestone		Claim Post, Section 3
	Sulfides		Claim Post, Section 4
	Tuffite		Claim Post, Section 5
	Rhyolite		Claim Post, Section 6

6788



CRAIGMONT MINES LIMITED
 KAMLOOPS, B.C.
82 M/4 MK GROUP
GEOLOGICAL

Scale: 1:5,000 Date:

