ASSESSMENT REPORT

TYPE:	DIAMOND DRILLING
CLAIMS:	NIMSIC, NIMSIC 2 to 6, 11, 12, QUARTZ 4, 5.
MINING DIVISION:	KAMLOOPS
NTS LOCATION:	82M/12 W
LATITUDE:	51°38'
LONGITUDE:	119°50'
OWNER:	CRAIGMONT MINES LIMITED
OPERATOR:	" " "
AUTHOR:	N.B. VOLLO, P.ENG.
DATE:	OCTOBER 20th, 1978

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
6931

TABLE OF CONTENTS

Introduction	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 log, MM-1	4
" " MM-2	5
" " MM-3	7
" " MM-4	9
" " MM-5	11

In Pocket

Geological Map, 1:5,000, 82M/12MM2
(Hole locations)

LOCATION AND ACCESS

The 82M/12 MM group is located on McLennan Mountain, about 10 km east of Clearwater and is accessible by logging and other roads.

CLAIMS

The property consists of the following claims:

Nimsic, record number 3
Nimsic 2 to 4, record numbers 355 to 357
Nimsic 5 and 6, record numbers 528 and 529
Nimsic 11 and 12, record numbers 877 and 878
Quartz 4 and 5, record numbers 1064, 1065,

totalling 1o4 units, located in the Kamloops M.D. and held by Craigmont Mines Limited under Option from Castlemaine Explorations Ltd.

History and Previous Work

Sulfide showings have been known for at least 50 years and worked on intermittantly since. Diamond drilling was done by Moneta Porcupine in the 1940's and by Calbay Mines in the early 1970's, the latter also doing considerable trenching, but no records of this work are available. Canadian Nickel cut a grid and did a geochemical soil survey over most of the property in 1977. Craigmont Mines carried out magnetic and elctromagnetic surveys in 1978.

GEOLOGY

The property is underlain by rhyolite, rhyolite tuffs and derived sediments, tuffite, andesite and limestone of the Eagle Bay formation. The tuffite unit trends along both limbs of an anticline which plunges east at a low angle. Massive sulfides, mostly pyrrhotite, but containing chalcopyrite, sphalerite and galena, with appreciable silver occur in or near the tuffite horizon. The tuffite has been converted to calc-silicate skarn in places.

DRILL PROGRAM

Five diamond drill holes were drilled along the north limb of the tuffite horizon to test coincident geochemical highs and EM conductors. Results were essentially negative.

CORE STORAGE

The core is stored on the property.

QUALIFICATIONS

The core was logged by the author who obtained a BA in Geology from the University of Saskatchewan in 1950 and an MSc in geology from McGill University in 1959 and has practised his profession for 28 years.

N.B. Vollo, P.Eng.
Oct. 20th, 19[illegible]

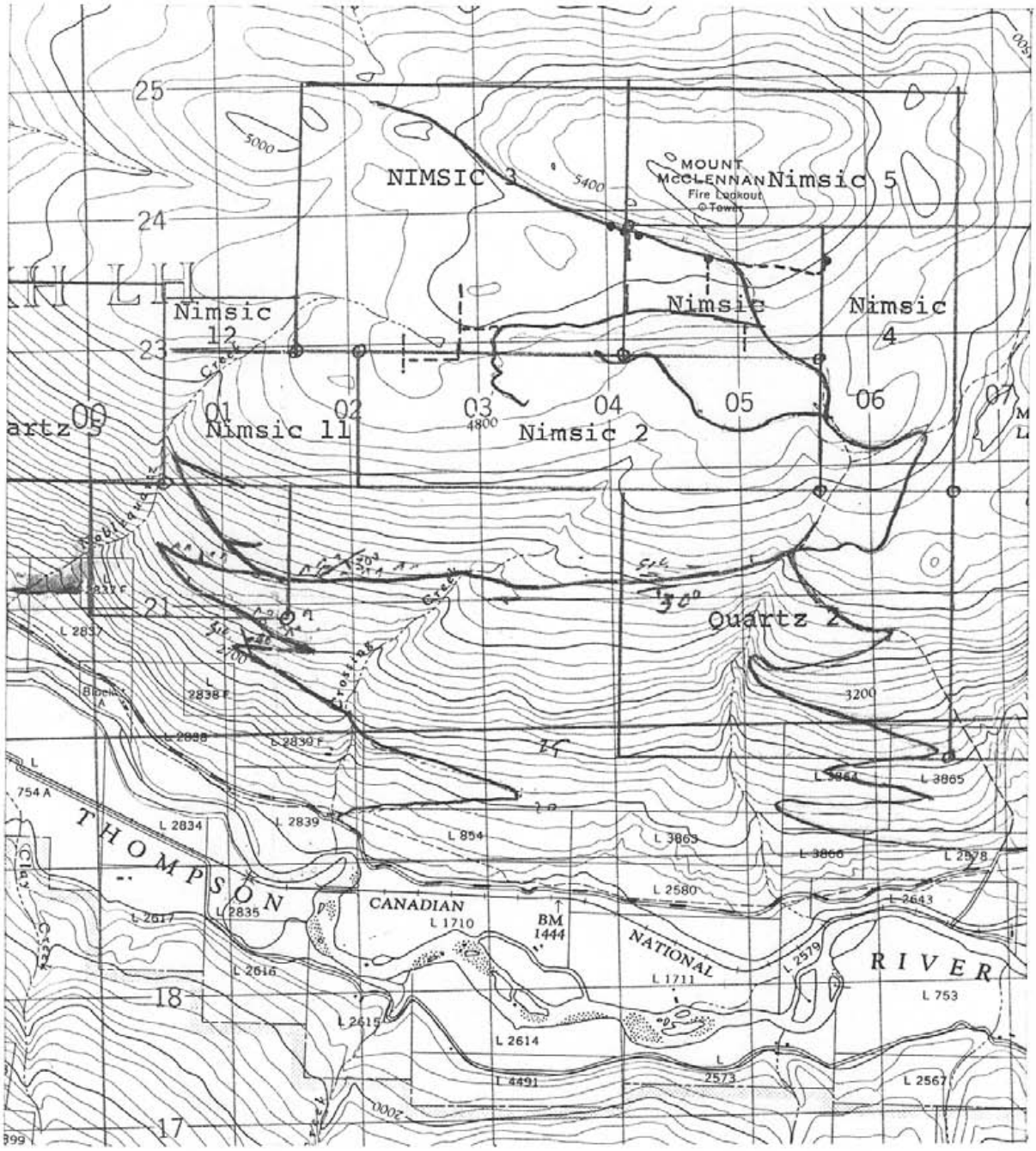
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
N. B. VOLLO

STATEMENT OF EXPENDITURES

MM-1,	3 m overburden at $40.00 -------	$ 120.00	
	75.3 m core at $32.80 ----------	2469.84	
	Total, Nimsic 4 claim -----	2589.84	$2589.84
MM-2,	5.3 m overburden at $40.00 -----	212.00	
	70.2 m core at $32.80 ----------	2302.55	
		2514.56	
MM-3,	5.5m overburden at $40.00 ------	220.00	
	68.3 m core at $32.80 ----------	2240.24	
		2460.24	
	Total, Nimsic claim	4974.80	$4974.80
MM-4,	3.3 m overburden at $40.00 -----	132.00	
	72.0 m core at $32.80 ----------	2361.50	
		2493.60	
MM-5,	1.8 m overburden at $40.00 -----	72.00	
	78.2 m core at $32.80 ----------	2549.32	
		2621.32	
	Total, Nimsic 3 claim ----	5114.92	5114.92
	Total		$12679.56

CONTRACTOR

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



CRAIGMONT MINES LIMITED

LOCATION MAP

1:50,000

Oct. 20th, 1978 N.V.

DIAMOND DRILL CORE LOG — SAMPLE RECORD

4

DEPTH	DIP	BEARING AST.
COLLAR	-90°	—

PROPERTY Ezra/12 MM CLAIM Dynasty HOLE NO. MM-1
LATITUDE STARTED Sept 28/78 CORE SIZE AQ
DEPARTURE FINISHED Oct 1/78 SECTION 300E 125N
ELEVATION 1500m TOTAL LENGTH 78.3 LOGGED BY J.H. K.H.

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing - pinky rhyolite pebbles, a sack of loose										
2.7	Limestone - light grey to white, bedded at about 80°										
5.0	Tuffite - fine-medium grey, mostly siltstones, bedded 80-85°	2-3% Py									
	5.9 - brown grey, mostly andesitic tuff										
9.7	Rhyolite tuff - light grey fine textured, bedded 80° with sections of chert tuffite	2-3% Py									
	52.0 - brown grey coarse textured - poorly bedded	5% Py									
	65.0 - brown light grey, bleached,	5% disp Py									
78.3	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

5

DEPTH	DIP	BEARING AST.
COLLAR	-90°	—

PROPERTY: EZM/12 MP CLAIM: Nimx6 HOLE NO.: MP-2
LATITUDE: STARTED: Oct 2/78 CORE SIZE: AQ
DEPARTURE: FINISHED: Oct 5/78 SECTION: 600 W
ELEVATION: 1540 m TOTAL LENGTH: 75.5 200 N
LOGGED BY: P.B. Voll

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
5.3	Rhyolite Fragmental? - Grey green, bedded and sheared 70-80° CA	10% dis Py									
	8.0 Lost Core										
	8.6 As before	10% dis Py									
	12.2 Lost Core										
	13.5 As before - become chloritic leached, lapilli	10% dis Py									
	16.2 Lost Core										
	18.0 as before										
	18.3 Lost Core										
	19.4 - as before - green, mod. chloritized - qtz veins 1-10 cm	10% dis Py									
22.4	Limestone - Grey to white medium grained, well bedded 70-80°	No Sulph.									
23.4	Rhyolite tuff - green, mod. chloritized - Grading to	5-10% Py									
25.7	Tuffite - light grey, fine - thinly bedded 80°	spse Py									

DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY 82m/12 MM HOLE No. MM-2 SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	29.0 - brownish brownish	2-5% Py		29	35						
	due to fine biotite	Po Sp Gn		35	40						
	along bedding - a	and Cpy		40	45						
	few limestone bands	scattered									
	to 10 cm - thinly	bds, disem.									
	bedded 75° CA throughout	and qtz veins									
	45.0 - brownish grey,	<3% PbZnSp									
	more siliceous - a few										
	qtz veins										
	50.3 - brownish black,	<3% PbZn									
	with more argillaceous										
	content - Thinly bedded 80°										
	53.6 - dark green,										
	amphibolite.										
	55.0 - brownish brownish,	<3% PbZn									
	with 25% biotite beds	diss.									
	Grades to										
	65.5 - dark brownish	<1% Zn Pb									
	grey, with argillaceous										
	bands & cherty beds										
	Thinly bedded 80° throughout										
75.5	END (.6m stretch)										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-90°	—

PROPERTY 8207/12 MM CLAIM NIASIC HOLE NO. MM-3
LATITUDE STARTED Oct 6/78 CORE SIZE HQ
DEPARTURE FINISHED Oct 7/78 SECTION 1300 W
ELEVATION 1555 m TOTAL LENGTH 732 435 N
LOGGED BY [illegible]

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
5.5	Tuffite - light grey to pale brownish, fractured and vuggy	5% diss py									
	10.3 lost core										
	10.7 as before										
	12.3 Lost core										
	13.0 - as before - light grey, siliceous, thinly bedded 85° - broken core to	5-10% diss py in strong // bedding									
21.0	Rhyolite tuff - dark grey, poorly bedded, medium textured	2-3% py									
23.0	Tuffite - light grey to pale brown, siliceous, thinly bedded 80°	3-5% py									
	41.5 - white to pink, qtz - calc silicate rock, poorly and irregularly bedded, sheary. Probably originally limy	1-2% py									
	55.6 - brownish light grey, siliceous and zeolitic	5% py cp									

DIAMOND DRILL COR. LOG — SAMPLE RECORD

3

PROPERTY 82M/12 MM HOLE No. MM-3 SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	thinly bedded 60-80°										
	61.0 - some, but darker,										
	more brownish due to										
	biotite - a few 1-2mm										
	carbonate beds										
73.0	END										

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	−90°	—

PROPERTY: Eight Mile MM
CLAIM: Nimsic-3
HOLE NO.: MM-4
LATITUDE:
STARTED: Oct 9/78
CORE SIZE: AQ
DEPARTURE:
FINISHED: Oct 12/78
SECTION: 1200 E
ELEVATION: 1555 m
TOTAL LENGTH: 75.3
465 N
LOGGED BY: N. B. Vollo

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
0.0	Casing										
3.3	Rhyolite – Grey, fine grained, banded at 70°	5% disp Py									
	6.5 – Lost Core										
	7.0 – as before										
	8.2 – lost core – sand?										
	11.0 – as before – light coloured, leached and vuggy	5% Py									
14.0	Tuffaceous – light grey very siliceous – well bedded 70° – fairly sharp contact to	2-5% Py									
21.0	Rhyolite tuff – dark brownish grey, medium grained, banded 70° Grades to	2-5% Py									
25.8	Tuffite – Grey to brown, well bedded 70° with abundant epidote – Grades to	2-5% disp Py									
31.8	Rhyolite tuff – Dark grey, medium grained,										

DIAMOND DRILL COR. LOG — SAMPLE RECORD

10

PROPERTY 82M/12 MC HOLE No. 1917-a SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	bedded 70°										
35.5	Tuffite - thinly										
	bedded greenish to										
	yellow calc silicate										
	rock										
	37.5 white quartz										
	38.7 - bi bifurcates	Sporadic									
	yellowish calc silicate										
	rock, with quartz										
	rich sections - good										
	bedding 70°										
	55.0 becomes more	Tr Sp. Sa									
	massive, with poor										
	bedding - almost entirely										
	calc silicate										
	Grades rapidly to										
63.7	Tuff - dark, fairly										
	well bedded, becoming										
	siliceous at 67 m										
	70.3 - becomes chloritic	5cm									
72.3	Argillite - dark grey,	Vein with									
	with brownish band,	Sp at 74.5									
	well bedded 65°										
75.3	END										

11

DIAMOND DRILL CORE LOG — SAMPLE RECORD

DEPTH	DIP	BEARING INT.
COLLAR	-90°	—

PROPERTY: EDM/12 1717 CLAIM/Mineral: 3 HOLE NO. MM-5
LATITUDE: STARTED: Oct 13/78 CORE SIZE: AQ
DEPARTURE: FINISHED: Oct 17/78 SECTION: 1100 W
ELEVATION: 1555m TOTAL LENGTH: 80.0 500 N
LOGGED BY: N.B. Wills

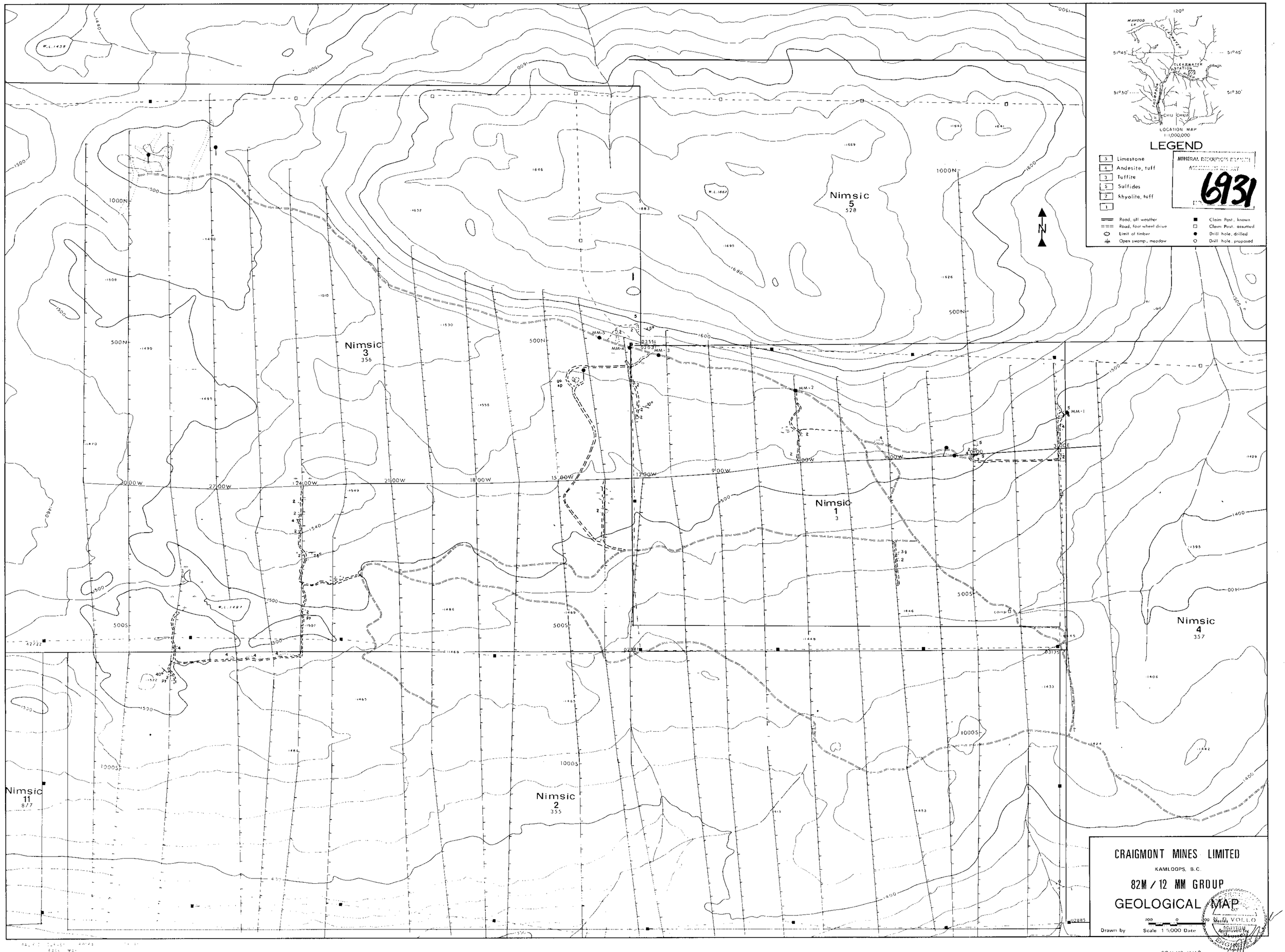
DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
5.0	Casing										
1.5	Rhyolite tuff?: light to dark grey, sheared and bedded 80°. Very broken, with 50% lost core - described by driller as sandy and very bleached, siliceous in places. 12.0 - Same but darker, fairly good core	10% diss py									
20.3	Tuffite - light grey, thinly bedded 60°, quite siliceous.	5% fel+py									
25.0	Rhyolite tuff - grey to brownish, sheared and bedded 60°. 28.3 Fault breccia and quartz vein. Grades to	2-3% py									
		1-2% py									
27.5	Tuffite - light grey, siliceous, thinly bedded 65°	2-3% diss py									
	44.0 - becomes dark,	5% fel+py									

DIAMOND DRILL COR. LOG — SAMPLE RECORD

12

PROPERTY: 82M/12 MM HOLE No.: MM-5 SHEET No. 2 of 2

DEPTH	DESCRIPTION	MINERALIZATION	SAMPLE	FROM	TO	m	Cu %	Pb %	Zn %	Au ppm	Ag ppm
	poorly bedded 70°, with 30% epidote										
	48.0 - light buff to grey calc silicate - epidote rock. Thinly bedded 75°.										
	52.9 - grey rhyolitic tuff.										
	53.8 - Thinly bedded, yellowish calc silicate tuffite - a few qtz. veins	1% diss Py Tr Cp.									
65.2	Rhyolitic tuff - grey, fine, bedded and sheared 60°.	7.5% diss Py - spc-ii Sp Cp Ga									
	75.0 - becomes lighter grey, fine, with brownish biotite beds and about 10-15% calcite beds to 5 mm.										
80.0	End										


LOCATION MAP
1:1,000,000
LEGEND
5 Limestone
4 Andesite, tuff
3 Tuffite
5 Sulfides
2 Rhyolite, tuff
1
Road, all weather
Road, four wheel drive
Limit of timber
Open swamp, meadow
Claim Post, known
Claim Post, assumed
Drill hole, drilled
Drill hole, proposed
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
6931
Nimsic 5 528
Nimsic 3 356
Nimsic 1 3
Nimsic 4 357
Nimsic 2 355
Nimsic 11 877
MM-1
MM-2
MM-3
MM-4
MM-5
1000N
500N
500S
1000S
30+00W
27+00W
24+00W
21+00W
18+00W
15+00W
12+00W
9+00W
6+00W
3+00E
CRAIGMONT MINES LIMITED
KAMLOOPS, B.C.
82M / 12 MM GROUP
GEOLOGICAL MAP
Drawn by
Scale 1:1,000 Date
Approved by
82M/12 MM2