

5928

REPORT ON DIAMOND DRILLING
"A" GROUP CLAIMS
OMENICA M.D.

- Map# 1 - Outside Claim Boundary
2 - Sketch Plan Showing Location
3 - Claim Map - 1:50,000
4 - Outside Claim Boundary

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5928 MAP

July 16, 1976

D.A. Davidson P.Eng.

REPORT ON DIAMOND DRILLING
"A" GROUP CLAIMS, OMENICA M.D.

DRILL HOLE LOCATIONS

The drill holes are located at the base of the northeast slope of Hudson Bay Mountain, approximately 4 1/2 miles northwest of Smithers, B.C. The surveys are tied into a coordinate system established by Climax Molybdenum Corporation of British Columbia Limited.

DDH No.	LATITUDE	DEPARTURE	ELEV (approx)	LENGTH	INCLINATION
76-S1	28,558.51	26089.38	1782	488	-90
76-S2	23,727.44	27263.49	1905	110	-90

CORE LOCATION

Drill core is stored in the Climax warehouse in Smithers, B.C.

CORE LOGS

DDH 76-S1.

This hole was triconed to 150 feet. Penetration rates decreased in the "blue" clay zones. The hole was cored from 150 to 488 feet.

0-30	Gravel with some small boulders.
30-105	Clay with some small gravel seams and boulders.
105-150	Blue clay grading into poorly consolidated sediments.

/2...

150-488 Poorly consolidated varved sediments. Soft argillaceous beds from 1/8 inch to several feet thick, interbedded with greywacke beds up to one foot thick. Numerous examples of graded bedding, cross bedding and dropped pebbles. Angular and rounded pebbles to one inch. These resemble rocks in the Hazelton and Bowser sequences exposed on Hudson Bay Mountain. Some pebbles of probable Hazelton origin are pyritiferous. Primary structures appear to flatten from about 30°-40° to core axis near 150 feet to 60°-70° to core axis near 480 feet.

The writer interpreted these poorly consolidated sediments as having been derived from Bowser and/or upper parts of the Hazelton assemblage on Hudson Bay Mountain. Samples taken from 150, 250, 350 and 450 feet have been studied by the G.S.C. in an attempt to date these poorly consolidated sediments. On the basis of the microfauna present in this sequence, the G.S.C. has dated the rocks as early Cretaceous (Albian age).

DDH 76-S2.

This hole was triconed to 110 feet. The hole was left cased for possible future extension.

0-48	Clay, minor sandy seams, some boulders.
48-55	Clay and boulders
55-110	Clay, minor sandy seams, some boulders.

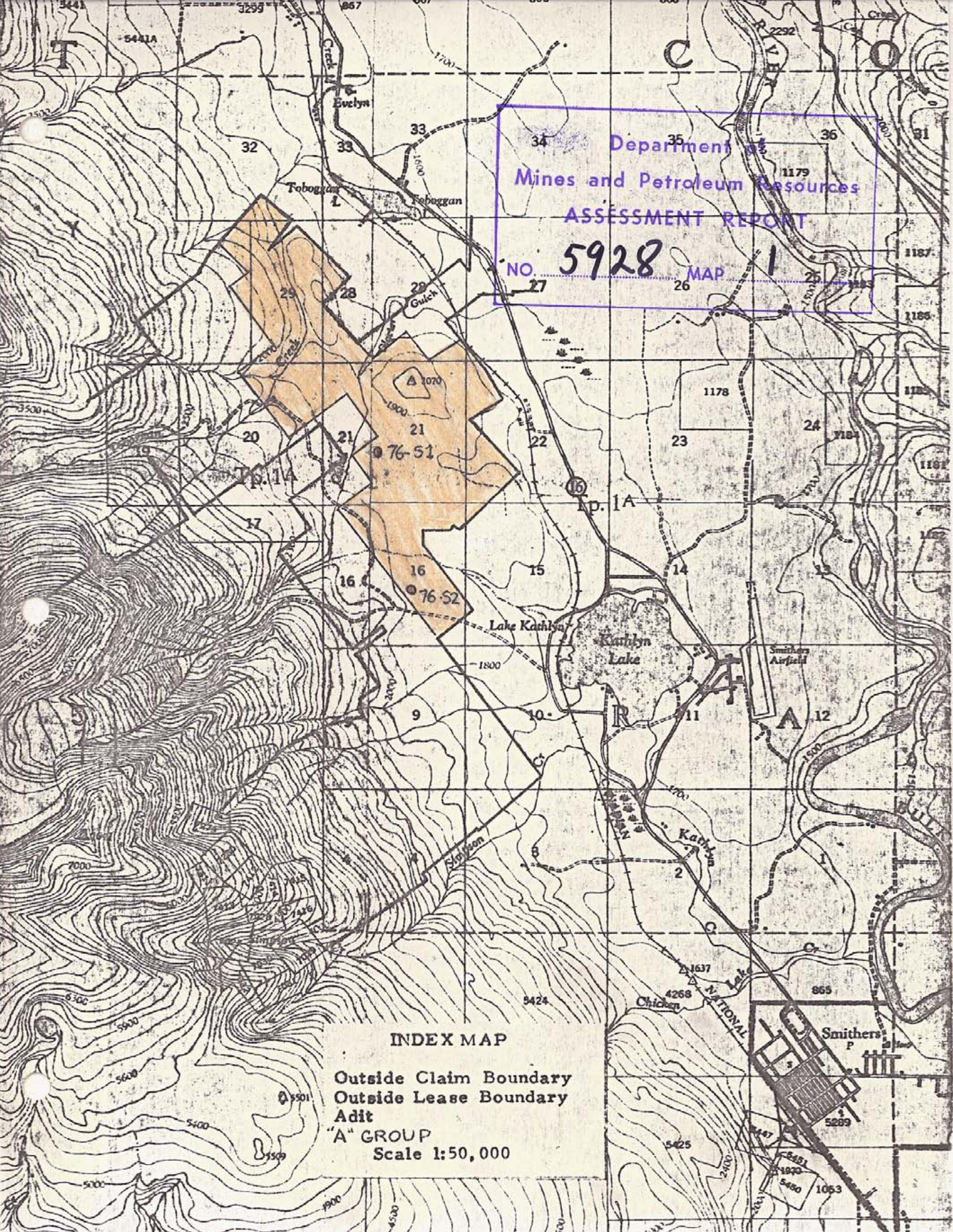
July 16, 1976



D.A. Davidson M.A.Sc. P.Eng.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 5928 MAP 1



INDEX MAP

Outside Claim Boundary
Outside Lease Boundary
Adit
"A" GROUP
Scale 1:50,000

COST STATEMENT

D.W. COATES ENTERPRISES (DRILLING CONTRACTOR)

INVOICE No. 986 3364.42

INVOICE No. 987 4593.39

R & R METRIC BUILDING SUPPLIES

INVOICE No. 17420 72.08
(drilling supplies)

D. DAVIDSON P. Eng. - program layout,
supervision, logging, report prep. etc.
14 days @ 72.85

1092.75

TOTAL

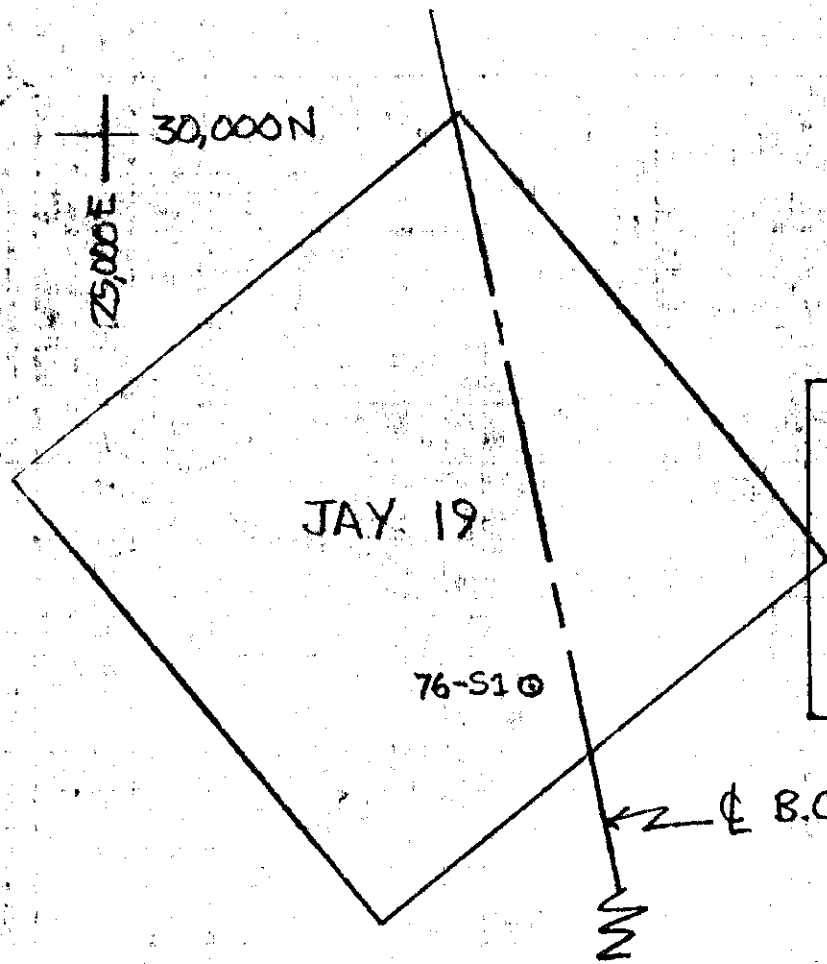
9122.64

SKETCH PLAN
SHOWING LOCATION
OF DDH 76-S1 &

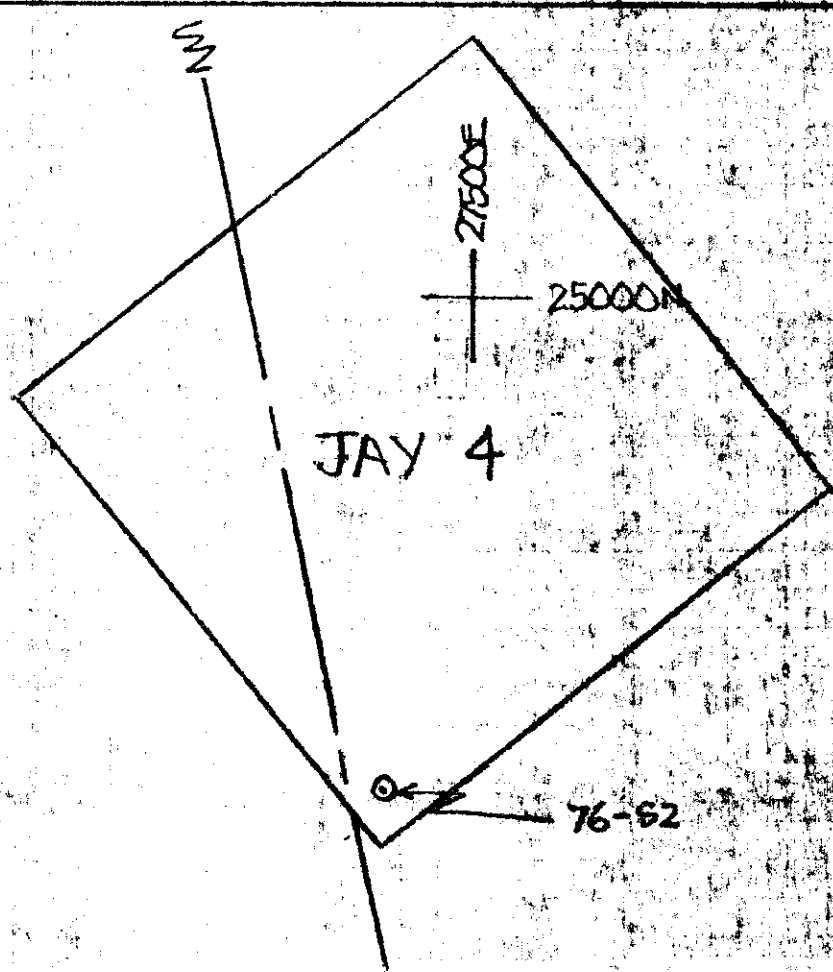
76-S2

1" = 500'

(See claim map)



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5928 MAP 2



CLAIM MAP
1:50,000

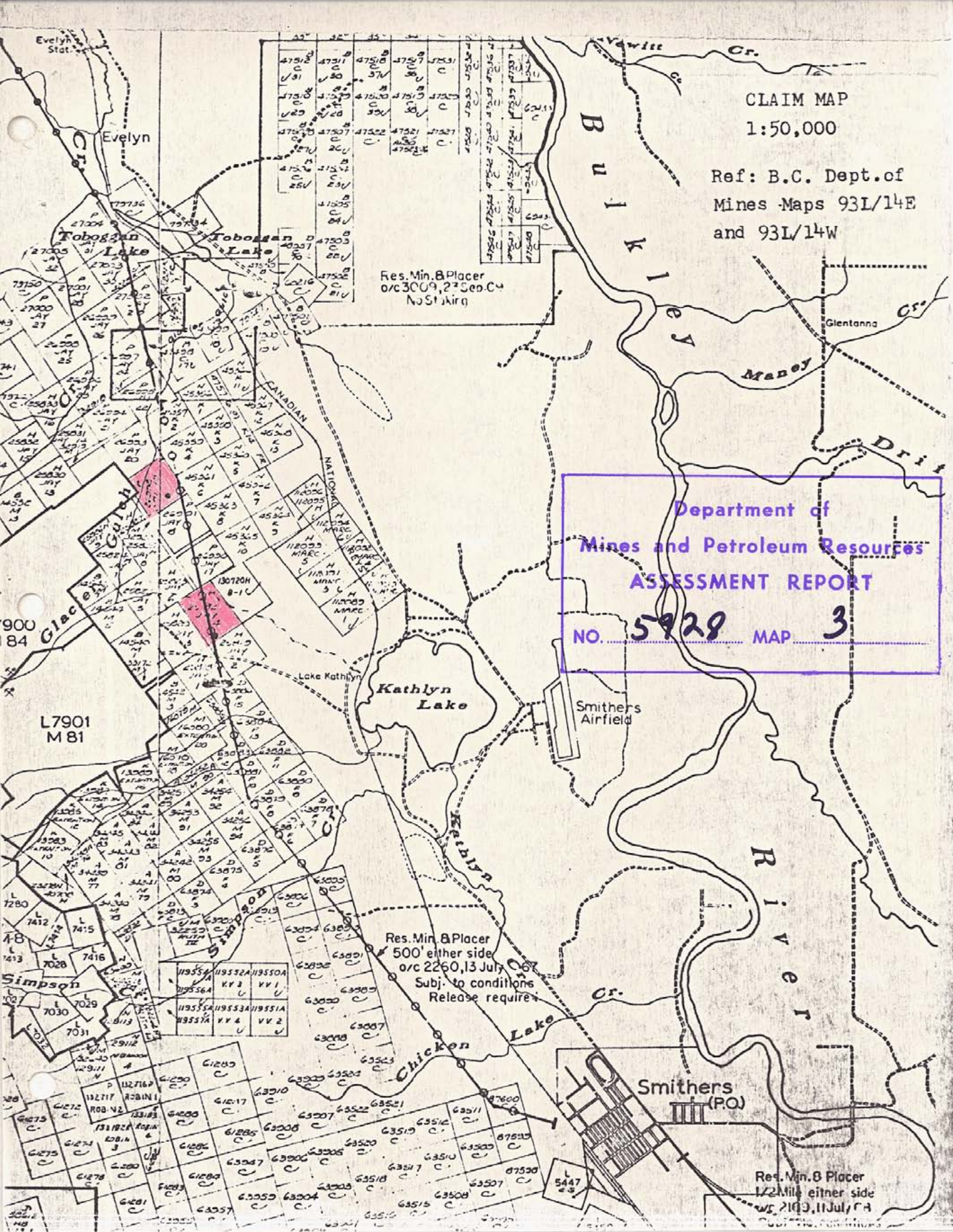
Ref: B.C. Dept. of
Mines Maps 93L/14E
and 93L/14W

Res. Min. & Placer
orc 3009, 27 Sep. 64
No Staking

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5929 MAP 3

Res. Min. & Placer
500' either side
orc 2260, 13 July 67
Subj. to conditions
Release require

Res. Min. & Placer
1/2 Mile either side
orc 2193, 11 July 64



JUL 16 1976

DRILL HOLE LOCATIONS

AT

SMITHERS B.C.

Approximate locations are given in the following table. The collars of the drill holes will be surveyed in the near future.

DDH No.	LATITUDE	DEPARTURE	ELEV.	LENGTH	INCLINATION
76-S1	29,100	26,100	1760	488	-90
76-S2	23,900	27150	1890	110	-90

CORE LOCATION

Drill Core is stored in the Climax warehouse in Smithers B.C. Core racks will be built for this material.

CORE LOGS

DDH 76-S1.

This hole was triconed to 150 feet. Penetration rates decreased in the "blue" clay zones. The hole was cored from 150 to 488 feet.

- 0-30 Gravel with some small boulders.
- 30-105 Clay with some small gravel seams and boulders.
- 105-150 Blue clay grading into poorly consolidated sediments.
- 150-488 Poorly consolidated varved sediments.
Soft argillaceous beds from $\frac{1}{8}$ inch to several feet thick, interbedded with graywacke beds up to one foot thick.
Numerous examples of graded bedding, cross bedding and dropped pebbles. Angular and rounded pebbles to one inch. These resemble rocks in the Hazelton and Bowser sequences exposed on Hudson Bay Mountain.
Some pebbles of probable Hazelton origin are pyritiferous.

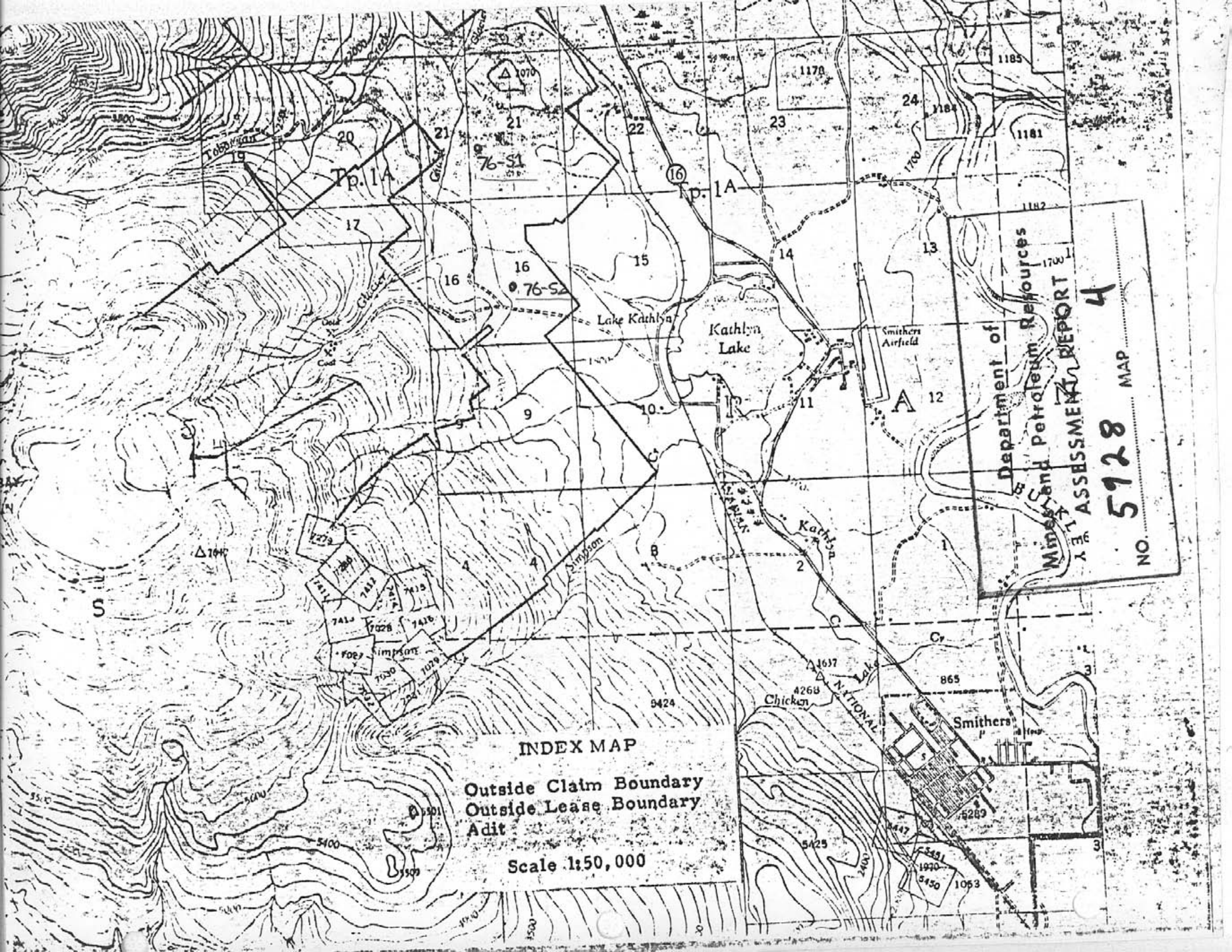
The writer interpreted these poorly consolidated sediments as having been derived from Bowser and/or upper parts of the Hazelton assemblage on Hudson.

Bay Mountain. Samples taken from 150, 250, 350 and 450 feet have been studied by the G.S.C. in an attempt to date these poorly consolidated sediments. On the basis of the microfossils present in this sequence, the G.S.C. has dated the rocks as early Cretaceous (Albian age).

DDH 76-52

This hole was drilled to 110 feet. The hole was left cased for possible future extension.

- | | |
|--------|---|
| 0-48 | Clay, minor sandy seams, some boulders |
| 48-55 | Clay and boulders |
| 55-110 | Clay, minor sandy seams, some boulders. |



Toboggan

Tp. 14

p. 1A

Lake Kathryn

Kathryn Lake

Smithers Airfield

INDEX MAP

Outside Claim Boundary
 Outside Lease Boundary
 Adit

Scale 1:50,000

Department of
 Mines and Petroleum Resources
 SURVEY
 ASSESSMENT REPORT

4

5928

MAP

NO.

COST STATEMENT.

D.W. COATES ENTERPRISES (DRILLING CONTRACTOR)

INVOICE No. 986

3364.42

INVOICE No. 987

4593.39

R. & R. METRIC BUILDING SUPPLIES -

INVOICE No. 17420
(drilling supplies)

72.08

D. DAVIDSON P. Eng. - program layout,
supervision, logging, report prep.
etc. 14 days @ 72.85

1092.75

TOTAL.

9122.64

INVOICE

RCN
273-0985

D.W. COATES ENTERPRISES LTD.

256A SIMPSON ROAD
RICHMOND, B.C.
V6X 2P9

INVOICE NO. 987
JOB NO. 276
DATE: June 14/76

Elimax Molybdenum Corp.
of British Columbia Ltd.
Box 696
Smithers, B. C.

Smithers Area Drilling

RIOD: June 1 - 5, 1976

Demobilization

\$ 225.00

Overburden

\$1839.39

Coring

\$2280.00

Moving, Setup & Teardown

\$ 249.00

\$4593.39

COPY
L.W. COATES ENTERPRISES LTD.
256A SIMPSON ROAD
RICHMOND, B.C.
V6X 2P9

INVOICE NO. 986
JOB NO. 276
DATE June 9, 1976

Climax Molybdenum Corp.
of British Columbia Ltd.
535 Thurlow Street
Vancouver, B. C.

RE: **Smithers Area Drilling**
PERIOD: **May 28 to 31, 1976**

Mobilization
Overburden
Coring
Moving, Setup & Teardown

\$ 225.00
\$1345.22
\$1573.20
\$ 221.00
\$3364.42



H & R METRIC BUILDING SUPPLIES LTD.

BOX 3129, 3827 BROADWAY AVENUE
SMITHERS, B.C. V0J 2N0

TELEPHONE
672775

CLYON POLYCOECS
BOX 693
SMITHERS B.C.
V0J 2N0

S
H
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P
T
O
DATE

04 06 76

CALL CASH CHGE C.O.D. '55 TAX NO. FEDERAL TAX NO.

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
10	4" perforated pipe 10'	800	1000
40	4" pipe 7.500 10'	125	4960
4	4" couplings	75	300
1	Cement	400	400
<i>DD</i>			
<i>chgs</i>			
			1736
			470

CHECKED BY: *[Signature]* DELIVERY DATE: *[Blank]*

TERMS NET 1% PER MONTH (18% PER ANNUM) SERVICE CHARGE ON VERBOS ACCOUNT

CUSTOMER'S SIGNATURE: *[Signature]*

17423

TOTAL: 2208

HEAD OFFICE COPY

D.W. COATES ENTERPRISES LTD.

256A SIMPSON ROAD

RICHMOND, B.C.

V6X 2P9

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	<hr/>
	\$4593.39
	<hr/> <hr/>

R & R METRIC BUILDING SUPPLIES LTD.

BOX 3129, 3827 BROADWAY AVENUE
SMITHERS, B.C. V0J 2N0

TELEPHONE
247-2225



CUMAX POLYODERON
BOX 693
SMITHERS B.C.
V0J 2N0

SHIP TO: _____
DATE: 04 06 76

CLASS NO. JOB NO. CALL CASH CHGE C.O.D. S.S. TAX NO. FEDERAL TAX NO.

QUANTITY	DESCRIPTION	UNIT	PRICE	AMOUNT
10	4" perforated paper 10'	10'	3.00	30.00
40	4" plad 7.500 10'	40'	1.15	46.00
4	4" couplings	4	.75	3.00
1	Cement	1	4.60	4.60
<i>DD</i>				
<i>charge</i>				
				67.36

ORDER BY: 17420
CHECKED BY: _____
DELIVERY DATE: _____
The goods will be accepted for credit unless returned with our permission. Claims for shortage on this delivery must be presented within 2 days. 10% handling charge on all goods returned at invoice price charged.

TERMS NET 1% PER MONTH 15% PER ANNUM
SERVICE CHARGE ON OVERDUE ACCOUNTS
CUSTOMER'S SIGNATURE: _____
TOTAL: 72.08

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