

1974 Assessment Report

5031

TITLE	93L/9W, 16W	LENNAC LAKE DRILL PROGRAM, March - April, 1974
AUTHOR		C.J. Hodgson, P.Eng. (B.C.)
DATE		July, 1974
COMMODITY		Cu
LOCATION-Area		Babine Lake
-Mining Division		Omineca
-Coordinates		Latitude 54°45'N, Longitude 126°19'W
-NTS		93 L 9, 16

AMAX VANCOUVER OFFICE

Department of Mines and Geotechnical Resources ASSESSMENT REPORT NO. 5031 M.P.
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## INTRODUCTION

### General Statement

This report presents the results of a diamond drilling program conducted on the Lennac Lake property in March and April, 1974, during which five holes were drilled for a total footage of 3017 feet. The program was carried out under a joint venture agreement between Amax Potash Limited, Standard Oil Company of British Columbia, and the LUC Syndicate of Vancouver.

### Location and Access

The Lennac Lake property consists of 132 claims (Thezar 1-132) located in central British Columbia at latitude  $54^{\circ}45'N$ , longitude  $126^{\circ}19'W$ . It is readily accessible via the Babine Lake Road and by a four mile road constructed by AMAX in the fall of 1971 (Figures 1, 2).

### History

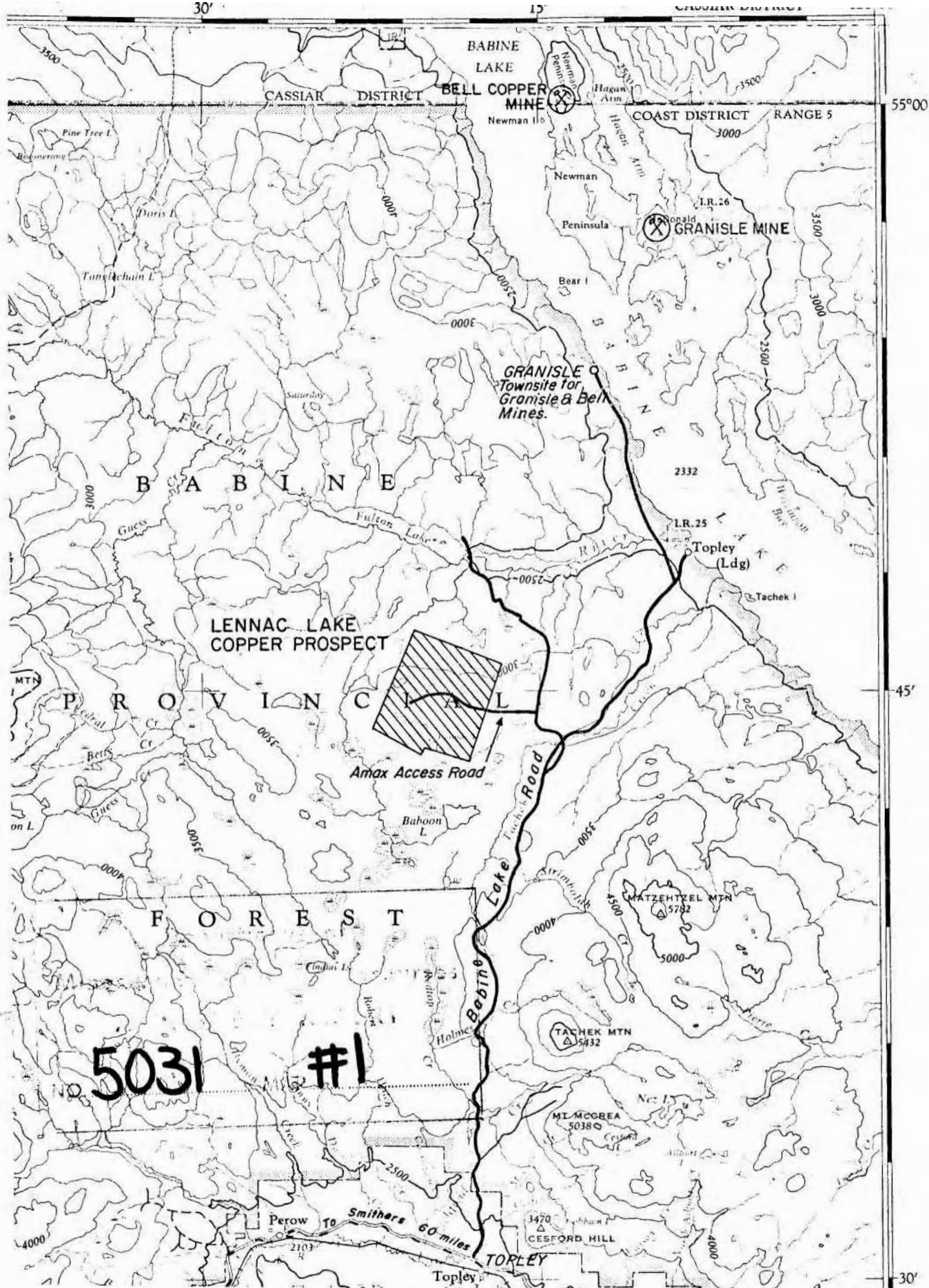
The prospect was discovered by AMAX prospecting crews in 1971. Detailed geological mapping, geochemical sampling and induced polarization surveys carried out in 1971 and 1972 indicated the presence of a porphyry copper-type target similar in gross aspects to the currently producing Granisle and Bell Copper Mines in the Babine Lake area. In 1973, 44 percussion holes totalling 11,360 feet were drilled on a grid basis in the West and East Zones.

Results in the West Zone were considered sufficiently encouraging to warrant additional testing in the form of BQ diamond drilling.

## DIAMOND DRILLING PROGRAM

### General Statement

The drill contract was let to D.W. Coates Enterprises Ltd. of Vancouver, who utilized a BQ wireline drill capable of a depth penetration of 1500 feet. Supervision was provided by the writer, assisted by Nick Sworyk of Houston, B.C. A total of



N.T.S. Ref 93L/9,16

AMAX POTASH LIMITED  
 LENNAC LAKE COPPER PROSPECT  
 OMINECA MINING DIVISION — BRITISH COLUMBIA

LOCATION & ACCESS

SCALE: 1/250,000.

*C.H. [Signature]*

Fig. 1

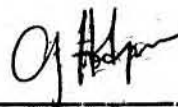


3017 feet were drilled in six holes between March 18 and April 7, 1974. Core from the project is being stored at the Amax warehouse in Smithers, B.C.

Results

Drill hole locations are indicated in Figure 2. Detailed drill logs are provided in Appendix II.

AMAX Vancouver  
July, 1974



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C.J. Hodgson, P.Eng. (B.C.)

TABLE I

STATUS OF THEZAR CLAIMS AS OF JULY 19, 1974

Claim Number	Record Number	Anniversary Due Date	Rental Due	Group
Thezar 1-10	100129-100138	July 27, 1975	July 27, 1975	No. 2
11-22	100139-100150	July 27, 1975	July 27, 1975	No. 4
23-25	100151-100153	July 27, 1975	July 27, 1975	No. 2
26	100154	July 27, 1981	July 27, 1977	No. 2
27	100155	July 27, 1977	July 27, 1975	No. 2
28	100156	July 27, 1981	July 27, 1977	No. 2
29	100157	July 27, 1977	July 27, 1975	No. 2
30	100158	July 27, 1981	July 27, 1975	No. 1
31	100159	July 27, 1975	July 27, 1975	No. 2
32	100160	July 27, 1981	July 27, 1977	No. 1
33	100161	July 27, 1975	July 27, 1975	No. 4
34	100162	July 27, 1981	July 27, 1977	No. 1
35	100163	July 27, 1975	July 27, 1975	No. 4
36	100164	July 27, 1981	July 27, 1977	No. 1
37	100165	July 27, 1975	July 27, 1975	No. 4
38	100166	July 27, 1981	July 27, 1977	No. 1
39	100167	July 27, 1975	July 27, 1975	No. 4
40	100168	July 27, 1981	July 27, 1977	No. 1
41	100169	July 27, 1975	July 27, 1975	No. 4
42	100170	July 27, 1976	July 27, 1975	No. 3
43	100171	July 27, 1975	July 27, 1975	No. 4
44	100172	July 27, 1976	July 27, 1975	No. 3
45	100173	July 27, 1975	July 27, 1975	No. 2
46	100174	July 27, 1975	July 27, 1975	No. 2
47	100175	July 27, 1981	July 27, 1977	No. 2
48	100176	July 27, 1981	July 27, 1977	No. 2
49	100177	July 27, 1983	July 27, 1977	No. 1
50	100178	July 27, 1983	July 27, 1977	No. 2
51	100179	July 27, 1983	July 27, 1977	No. 1
52	100180	July 27, 1983	July 27, 1977	No. 2
53	100181	July 27, 1983	July 27, 1977	No. 1
54	100182	July 27, 1984	July 27, 1978	No. 1
55-62	100183-100190	July 27, 1983	July 27, 1977	No. 1
63-66	100191-100194	July 27, 1976	July 27, 1975	No. 3
67	100195	July 27, 1975	July 27, 1975	No. 2
68	100196	July 27, 1975	July 27, 1975	No. 2
69	100197	July 27, 1981	July 27, 1977	No. 2
70	100198	July 27, 1981	July 27, 1977	No. 2
71	100199	July 27, 1983	July 27, 1977	No. 2
72	100200	July 27, 1983	July 27, 1977	No. 3
73	100201	July 27, 1983	July 27, 1977	No. 2

TABLE I - Continued

Claim Number	Record Number	Anniversary Due Date	Rental Due	Group
Thezar 74-76	100202-100204	July 27, 1983	July 27, 1977	No. 3
77-84	100205-100212	July 27, 1983	July 27, 1977	No. 1
85	100213	July 27, 1980	July 27, 1977	No. 1
86	100214	July 27, 1980	July 27, 1977	No. 1
87	100215	July 27, 1976	July 27, 1975	No. 3
88	100216	July 27, 1976	July 27, 1975	No. 3
89	100217	July 27, 1975	July 27, 1975	No. 2
90	100218	July 27, 1975	July 27, 1975	No. 2
91-94	100219-100222	July 27, 1983	July 27, 1977	No. 3
95-104	100223-100232	July 27, 1983	July 27, 1977	No. 1
105	100233	July 27, 1981	July 27, 1977	No. 1
106	100234	July 27, 1981	July 27, 1977	No. 1
107-110	100235-100238	July 27, 1976	July 27, 1975	No. 3
111	100239	July 27, 1975	July 27, 1975	No. 2
112	100240	July 27, 1975	July 27, 1975	No. 2
113	100241	July 27, 1976	July 27, 1975	No. 3
114	100242	July 27, 1975	July 27, 1975	No. 2
115	100243	July 27, 1976	July 27, 1975	No. 3
116	100244	July 27, 1975	July 27, 1975	No. 2
117	100245	July 27, 1976	July 27, 1975	No. 3
118	100246	July 27, 1975	July 27, 1975	No. 2
119	100247	July 27, 1976	July 27, 1975	No. 3
120	100248	July 27, 1975	July 27, 1975	No. 2
121	100249	July 27, 1976	July 27, 1975	No. 3
122	100250	July 27, 1975	July 27, 1975	No. 2
123-132	100251-100260	July 27, 1976	July 27, 1975	No. 3

APPENDIX I  
STATEMENT OF COSTS

Personnel

C.J. Hodgson, P.Eng. (Staff Geologist); 3091 Plymouth Drive, North Vancouver, B.C. 32 1/3 days @ \$84.50/day	\$2,733.69
Nickolas Sworyk, (Labourer); Box 235, Houston, B.C. 61 days @ \$35.00/day	2,134.00

Room & Board

15 days @ \$20.00/day	300.00
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Diamond Drilling

3017 feet @ \$10.60/foot	31,977.05
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Bulldozer Rental and Maintenance

2,820.94

Bulldozer Hauling

512.00

Vehicle Maintenance & Repairs

30 days @ \$20.00/day	600.00
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Report Preparation & Drafting

200.00

	TOTAL	\$41,277.68
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Work Period    March 1 - April 30, 1974

Work to be applied as follows:

- 4 Years - Thezar 54
- 3 Years - Thezar 26, 28, 30, 32, 34, 36, 38, 40, 47-53, 55-62, 69-86, 91-106
- 1 Year - Thezar 27, 29, 42, 44, 63-66, 87-88, 107-110, 113, 115, 117, 119,  
121, 123-132

Declared before me at the  
of \_\_\_\_\_, in the  
Province of British Columbia, this  
day of VANCOUVER, B. C., A.D.

**JUL 23 1974**

Sub-Mining Recorder

A Commissioner for taking Affidavits within British Columbia or  
A Notary Public in and for the Province of British Columbia.

*Elizabeth K. Bevil*

*C. J. Hodgson, P. Eng.*

APPENDIX II

DRILL LOGS

LL-74-1

Company AMAX Potash Limited Project #515  
 Mining Property Lennac Lake  
 Division Omineca Started March 25, 1974  
 Geographic 54°45'N Lat. Completed March 26, 1974  
 Coordinates 126°19'W Long. Logged by C.J.Hodgson

Bearing -  
 Inclination -90°  
 Depth 603'

Sheet 1 of 5 Hole No. 114+00N  
 Coordinates 76+25E  
 Altitude 40' above lake

Footage	Core Rec	% Rec	Remarks
			Casing
			14-206.5
			Dull grey-green, andesite, fine grained,
			- local plagioclase phenocrysts (2mm. 5-15%)
			- locally subtle breccia texture apparent (flow breccia)
			- chloritized throughout. Minor epidote in disseminated spots and quartz veins
			- quartz vein stockwork throughout. Veins 1 mm. to 4 mm. wide (av. 5 mm.), 10-15 per foot, predominantly at 45° and 0-10° to core axis. Veins contain py, cpy, mag, moly. Quartz-magnetite veins, 1-2 mm., parallel to core axis are late-stage, cutting all other veins. Vein quartz comprises 2-4% of rock between 14 and 182' and 5% of rock between 182 and 206.5'. Some veins have drusy cavities
			- sulphides total about 3%, with py/cpy approx. 5/1. occur on 1 mm. fractures, in quartz veins and disseminations
			30-40' minor magnetite-cpy-py veins at low angles (< 10°) to CA
			40' trace moly in quartz vein
			56-61' weak shearing and calcite veins







Footage	Core Rec	% Rec	Remarks
			336-376 Andesite
			Upper contact at 45° to CA, lower at 35° to CA, 5% quartz veins
			Sulphides 3-4%, py/cpy approx. 1/1
			376-603 BFP
			-weak to moderate clay-sericite alteration of feldspar
			Local pinking adjacent to quartz veins @ 386', 397-8'
			403' is hematite.
			-1% sulphides, py/cpy approx. 1/1
			-quartz veins 3% to 467', then about 1% between 467' and 603'
			380-385' Finer grained lenses at 45° to CA (1-4" thick). Inclusions?
			395-407' White clay alteration increases towards fault zone
			407-422' Rock is gouged, sheared, rubbly
			422-426' 5% quartz veins, with 2% cpy
			426-429' clay gouge
			422-575' predominant alteration is weak-intense apple green sericitization of plagioclase
			445' 6" clay gouge
			450-455' Quartz-carbonte veins to 1" in sericitized BFP (healed fault zone?)



Footage	Core Rec	% Rec											Remarks		
															456.5' Minor moly disseminated in 3" quartz vein
															467-603' Quartz veins decrease to approx. 1%, sulphides 1/2-1% (cpy > py). Green sericite alteration continues strong to 575', weakens thereafter
															476-476.5' sericite-clay gouge
															507.5-508' Sericitized shear zones @ approx. 45°
															513-514' to CA "
															518-519' "
															523-527' "
															528-531' "
															533-534.5' "
															543.5-545' clay and sericite shear
															566.5 4" andesite inclusion with 5% quartz veins, most of which terminate at edges of inclusion
															584-603' Last box of core. Generally fresher-looking, fewer sulphides and quartz veins.
															603 END OF HOLE
															CJ Hodgson P.G.

LL-74-2

Company AMAX Potash Limited Project #515 Bearing \_\_\_\_\_ Sheet 1 of 4 Hole No. \_\_\_\_\_  
 Mining \_\_\_\_\_ Property Lennac Lake Inclination -90° Coordinates \_\_\_\_\_  
 Division Omineca Started March 27, 1974 \_\_\_\_\_ 114+00N  
 Geographic \_\_\_\_\_ Completed March 31, 1974 \_\_\_\_\_ 80+00E  
 Coordinates \_\_\_\_\_ Logged by C.J. Hodgson Depth 606' Altitude 15' above lake

Footage	Core Rec	% Rec											Remarks	
														26-26 Casing
														26-298 Dull grey andesite, variable texture from fine grained equigranular to porphyritic. For the most part fragmental (flow breccia - no foreign fragments). - Well fractured, with quartz veins (+ py, ep, trace mag, trace cpy) and pyrite veinlets. Pyrite and epidote also occurs in disseminated grains and clots. - Quartz veins 1%, 1 mm - 2 cm. average 1-3 mm. Commonly drusy. Commonly low angles to CA. Py 3-5%, Py/cpy $\geq$ 5/1, epidote 2%
														Rock is reasonably competent to 150'
														28' looks like K-feldspar associated with py-ep vein
														32.5' traces moly in 1/2" quartz vein
														38.5-39' chloritized plagioclase porphyry fragments (dyke?) at 75° to CA
														43-48' Blocky. Calcite veins on fractures.

Footage	Core Rec	% Rec											Remarks		
														59.5'	Quartz vein with K-feldspar
														66.5'	Quartz vein with cpy, trace moly, 3 mm. K-feldspar selvage
														73.5-97'	Light to dark green fragmental structure
														108-120'	Shear zone, blocky
														108-112'	2.5' ground (1.5' recovered)
														112-118'	5.5' ground (0.5' recovered)
														150-209'	Major shear zone at 20°(?) to CA Core very blocky throughout. Gouge inter- mittently 172-198'. Core recovery between 160-168 (5'); 168-172 (2'); 172-174 (1'); 174-178 (6'); 178-185.5 (7.5'); 185.5- 190 (4.5'); 190-194 (1'); 194-198 (4'); 198-200 (1')
														198-202'	BFP dyke
														298-323	BFP, grey chloritized, 1/2% disseminated epidote Upper contact at 30° to CA 1-2% quartz veins 2% sulphides, pyrite >> chalcopyrite Numerous andesite inclusions towards base.





Footage	Core Rec	% Rec											Remarks		
															415.5-521 Andesite breccia. med-dark grey mottled. 1-3% quartz veins with pyr, cpy, epidote, some with minor moly (e.g. 429', 483', 489'). Many of the larger quartz veins (> 1/4") are 0-20° to CA. Sulphides approx. 3% (py/cpy approx. 3/1) 440' - 1/4" cpy seam 10° to CA.
															521-534 - BFP Pale green clay-sericite alteration of feldspar Rare quartz veins 528' 1/2" vuggy quartz vein with moly.
															534-606 - Andesite tuff breccia, greywacke, dull grey- green 1-2% quartz veins, 2-3% sulphides, pyrite >> cpy
															538-547' Fine grained, volcanic greywacke, locally banded at 80° to CA
															547-590' Andesite breccia (flow breccia?) same as 415.5-521'
															590-606' Andesitic tuff-breccia with greywacke matrix. Some banding at 75° to CA 1/2% disseminated epidote throughout. Chloritized throughout. Black chlorite especially apparent adjacent to hairline quartz seams.
															606 END OF HOLE
															C J Hudson P Gy





LL-74-3

Footage	Core Rec	% Rec											Remarks	
														98-116 BFP, as 60-82
														Quartz veins up to 5-7%; pyrite $\approx$ cpy. About 0.5% Cu ?
														100.5- 102.5' Andesite inclusion
														116-133.5 Andesite. Contacts at 45-60° to CA
														Vein quartz up to approx. 10%
														Sulfides 3% (py $\approx$ cpy). Cpy locally in coarse splashes (e.g. 132')
														K-feldspar locally in quartz veins
														Magnetite 1/2% 1 mm, veins
														133.5-226.5. BFP
														-Quartz veins approx. 10%, mainly subparallel at approx. 60° to CA. Py/cpy approx. 1/1, total 3%, at least half the sulphides are on hairline fractures at 60-70° to CA, which appear to cut quartz veins or move out from them. Minor mag. (1/4%), trace moly. Veins are $\leq$ 1/4" wide, 20/ft, rarely 2-3" wide with green sericitized plagioclase
														-Alteration generally is minor-weak local bleaching of plagioclase and weak K-feldspar adjacent to quartz veins
														142' 1/2" bleached (kaolinized) vein with sulphides, sooty secondary biotite
														Minor moly in quartz veins at 159, 162, 170
														172-175' Green sericite alteration on either side of qtz.-ankerite vein at 174'
														177 Trace purple fluorite on joint
														Opaque white clay alteration gradually increases in intensity below 150'
														183-185 Quartz vein at 10° to CA, approx. 4" wide.

Footage	Core Rec	% Rec											Remarks		
														182-191'	Moderately sericitized
														187-191'	Andesite inclusion. Fine grained secondary biotite, 10% quartz veins
														226-227.5	Biotitized breccia with BFP andesite fragments. Felted biotite, py, cpy disseminated in matrix. Intrusive breccia, marginal to late-stage porphyry dike
														227.5-456	Post-mineral porphyry (PMP)
														227.5-234'	Intense green sericite alteration of plagioclase
														234-235'	BFP inclusion with quartz veins
															PMP is typically unaltered, darker grey than BFP with 25% plagioclase phenocrysts to 1 cm, 3% biotite phenocrysts to 1 cm. in 65% dull grey aphanitic matrix. Alteration is minor white kaolinization of plagioclase adjacent to fractures, and green sericitized zones adjacent to shear zones. Minor quartz-K-feldspar veins are present.
															Rare inclusions of BFP andesite < 1/2% sulphides, py = cpy. Disseminated and on fractures
														335'	2" quartz vein with K-feldspar, minor moly
														370.5-372.5'	Weak shear zone - kaolinized

Footage	Core Rec	% Rec									Remarks						
																375'	6" BFP inclusion
																395'	8" Andesite inclusion
																388-407'	Calcite filled fractures about 1 per foot
																408-456'	Variably sericitized, with several major gouge zones at 417-418, 428-437, 441-443, 455-456.
																456-477	Andesite Upper contact is shear zone
																458-461.5'	- Skarn-type mineralization with abundant ep, mag, py, cpy, tapering off at depth towards 461.5. Sulphides are particularly abundant between 458.5-459.5' (10% cpy, 15% py).
																	Section is very blocky. Gouge at 472.5-473.5'. Good quartz vein stockwork, 5-8% quartz; sulphides approx. 2% outside skarn section (py/cpy approx. 2-3/1. Section is quite bleached
																477-506	PMP, as above. Minor BFP inclusions. Minor quartz veins. $\leq 1/2\%$ sulphides (py $\approx$ cpy), in quartz veins, hairline seams, disseminated
																476.5-482'	Gouge
																482-488'	Moderately sericitized



Footage	Core Rec	% Rec											Remarks
													506-509 BFP 5% quartz veins, 2% sulphides (py ≈ cpy)
													509-519.5 PMP, as above BFP inclusions at 515.5', 517.5'
													519.5-523 Andesite, porphyritic, blocky, 5% quartz vein.
													523-534 BFP 5% quartz veins to 1/2", mainly 70-80° to CA commonly with K-feldspar selvages 524-524.5' Sericitized shear zone 1-2% sulphides py ≈ cpy
													534-585.5 Andesite, dark grey
													534-542' Veryfine grained (greywacke?)
													542-585.5' More normal fine grained subporphyritic andesite Quartz veins 2-3%; sulphides, 3% (py/cpy approx. 5/1) Epidote up to 5%. Irregularly distributed in patches, quartz veins, and with pyrite along seams.
													571-571.5' PMP dyke 25° to CA, 1-2% disseminated epidote
													585.5-608.5 BFP, moderate clay-sericite alteration throughout. Upper contact 30° to CA. Quartz veins 2-3%, K-feldspar selvages common. Sulphides 1-2%, py ≈ cpy, trace moly.
													597-598' Sericitized skarn.

Sheet 50



Company AMAX Potash Limited  
 Mining  
 Division Omineca  
 Geographic \_\_\_\_\_  
 Coordinates \_\_\_\_\_

Project #515  
 Property Lennac Lake  
 Started April 2, 1974  
 Completed April 4, 1974  
 Logged by C.J.Hodgson

Bearing 300°  
 Inclination -46.5° at  
collar, -48° at 597'  
 Depth 597'

LL-74-4  
 Sheet 1 of 4 Hole No. \_\_\_\_\_  
 Coordinates 108+00N,  
73+93E  
 Altitude Lake  
 elevation \_\_\_\_\_

Footage	Core Rec	% Rec											Remarks		
															0-46 CASING
															46-504 BFP
															46-100' Alteration: K-feldspar veins 5-6/ft, 1 mm. Local sericitized plagioclase at 65', 79', 90', 92', 96' adjacent to quartz- calcite, pyrite veins, 20° to CA. Quartz veins rare (<1%), <1/ft average. Sulphides approx. 1%, cpy-py, mainly disseminated. Rare hairline magnetite seams, some with cpy.
															100-200' Pretty much the same as above, with some rather prominent silicified zones, and more abundant sericite alteration. Traces disseminated epidote, less K-feldspar veining. 110-115' - 4' recovered in 2' quartz- calcite-pyrite shear vein 112-114', at 30° to CA, with peripheral sericitized BFP. Sericite alteration continues to 125'
															Main sericitized pyrite veins at 123, 125'.

Footage	Core Rec	% Rec									Remarks		
													143-145' Quartz-pyrite shear veins 05° to CA, BFP is sericitized 1' either side
													164-174 Large quartz vein or silicified zone with sericitized BFP inclusions with secondary biotite. Minor pyrite in this zone. Moderate-intense sericitization extends down to about 203'
													179-180' Bleached feldspars adjacent to pyrite- quartz-calcite veins @ 20° to CA
													200-300' Same as 100-200 Sulphides uniform, at approx. 1/2% (cpy > py) dissem and fractures Minor quartz veins, quartz & K-feldspar veins, K-feldspar veins (total <1%), averaging may be 1/ft (1/4-1/2" wide)
													220.5' 3" PMP dyke - 70° to CA
													221.5' Sericitized quartz-pyrite-hematite shear vein 1" at 20°, Same at 213'
													263' 6" PMP dyke
													264' 6" sericitized pyritic shear zone
													300-400' Continuing very weak K-feldspar and quartz veining, ≤ 1/2% sulphides. Several shear zones with peripheral sericitized BFP



Footage	Core Rec	% Rec								Remarks
										319.5-320' Sericitized shear
										339-341' Sericitized shear gouge
										348-348.5' Sericitized shear gouge
										372-373' Sericitized shear gouge
										374' 3" Sericitized shear gouge
										389' 2" pyrite shear zone at 40° to CA
										The section 372-404 is throughout quite blocky, with numerous shears in addition to the larger ones mentioned. Green sericite alteration throughout.
										400-504' Continuing fresh looking BFP with minor quartz and quartz-K-feldspar veins 1/4" (up to 3/ft, but total <1%) Sulphides 1/2 - 1%, cpy ≥ py
										458-466.5' Sericitized zone
										493-504' Increasing sericite alteration towards contact, with minor pyritic fractures at 502.5'
										504-505 Dark grey, fine grained, andesite
										505-584 Medium to dark grey chloritized BFP or PMP (?) Tone is non-uniform, with alternating medium and dark grey sections. Unit is not as convincingly PMP as in LL-14-3. This is more of a tonal than a textural difference. Quartz veins plus quartz - K-feldspar veins are just as numerous than above if not more so (1-4/ft, 1-2%). Sulphides appear to be about equally abundant to above unit at approx. 1/2% (cpy ≥ py).
										Carbonate veins are common at 10-60° to CA

Footage	Core Rec	% Rec											Remarks		
															571-572' Shear zone, bleached and sericitized.
															505-552 Biotite phenocrysts are not present. Apparently completely gone to chlorite
															552-577 Much less altered, almost same as above 504'. Biotite phenocrysts unchloritized
															577-584 Intensely chloritized, with 30% green sericitized plagioclases in a black chloritic matrix
															584-589 Blocky, highly chloritized fine grained andesite with quartz veins, 2% py, minor cpy.
															589-597 Breccia, with BFP, andesite fragments. Some interstitial carbonate, minor disseminated sulphides (< 1/2%, cpy = py), along with traces disseminated epidote.
															Can not tell whether intrusive or diatreme breccia. May herald approach of PMP as in LL-74-3. Last 8" appears to be non brecciated BFP
															597 END OF HOLE
															<i>C. J. Hodgen P. G. G.</i>



Company AMAX Potsh Limited  
 Mining Omineca  
 Division Omineca  
 Geographic                       
 Coordinates                     

Project #515  
 Property Lennac Lake  
 Started April 5, 1974  
 Completed April 7, 1974  
 Logged by C.J. Hodgson

Bearing                       
 Inclination -90°  
                      
 Depth 598'

Sheet 1 of 3 Hole No.                       
 Coordinates                       
108+00N  
78+00E  
 Altitude 12' above  
 Lake

Footage	Core Rec	% Rec											Remarks		
															0-40 CASING
															40-295 Grey andesite breccia, chlorite-carbonate alteration. Calcite mainly on stringers. Quartz veins approx. 1-2%, about 3/ft. Sulphides approx. 3%. Py/cpy = 3-5/1. 1/2% epidote mainly on fractures with pyrite. Rare moly in quartz veins at 99', 146', 156', generally in quartz veins wider than 1/4", commonly with drusy quartz. Rare magnetite veinlets.
															40-43' Sheared, with calcite and chlorite
															171-203' Very blocky, about 29' of core recovered
															219-230' Splash of cpy with py, magnetite
															228' 6" cave
															233' 6" chloritized shear
															282.5-285.5' chloritized shear zone
															288' 4" chloritized shear
															291.5' 4" chloritized shear
															The section 280-295' is heavily chloritized and sheared throughout
															295-306 BFP dyke
															Upper contact 25° to CA, lower about 30° to CA
															Weakly chloritized, quartz veins approx. 1%.
															Sulphides approx. 1-2% py > cpy.



Footage	Core Rec	% Rec	Remarks												
			396.5' - 494.5' Good fine grained phase with BFP inclusions												
			457-458' Clay-sericite gouge zone												
			482-488' Good PMP. Cuts off quartz veins in adjacent fine grained phase												
			494.5-536 BFP, grey with pinkish tones Very rare quartz veins, traces sulphides except in major shear zone Traces disseminated epidote												
			510-528' shear zone, blocky, local gouge, green sericite alteration throughout. Pyritic shear vein 0° to CA @ 510-513'. Gouge at 522-524'												
			536-598 Fine-grained quartz diorite with 15-20% BFP inclusions: essentially an intrusive breccia. Foliation very variable - mainly at approx. 45° to CA. Quartz veins 1%, to 1" wide, some with K-feldspar rims. Sulphides < 1/2% (py/cpy > 1/1). Traces disseminated epidote Minor calcite veins												
			590.5-596' Sericitized shear zone												
			598 END OF HOLE												
			C. J. Hodgson P. Eng.												

APPENDIX III

CONTRACTOR'S AGREEMENT & INVOICES



A G R E E M E N T

This Agreement made this 21 day of March, 1974

BETWEEN            AMAX POTASH LIMITED  
                      601-535 Thurlow Street  
                      Vancouver, B.C.  
                      V6E 3L6  
  
                      (hereinafter referred to as the "COMPANY")

AND                 D.W. WATERS ENTERPRISES LTD.  
                      1668 West 1st Ave.,  
                      Vancouver, B.C.  
                      V6J 1G1  
  
                      (hereinafter referred to as the "CONTRACTOR")

WHEREAS the COMPANY hereby requests that the CONTRACTOR carry out certain surface diamond drilling and other services, on the COMPANY'S Lennac Lake Property located 20 miles north of Topley, British Columbia.

AND WHEREAS the CONTRACTOR hereby agrees to perform said diamond drilling and other services requested, under the terms and conditions hereinafter contained.

1. SCOPE OF WORK

The work is to consist of a series of drill holes, drilled at locations specified by the COMPANY. A total minimum footage of 3000 feet shall be drilled, but total footage may be extended beyond that amount, by mutual consent. Holes shall be drilled with BQWL tools producing 1 7/16" diameter core, as far as is reasonably practical. Maximum depth of any hole shall not exceed 1,500 feet, and minimum depth shall be 300 feet. Angles of holes shall be from minus 45 to minus 90 degrees.

2. COMMENCEMENT AND EXECUTION OF WORK

Work shall be commenced within the time limits specified by the COMPANY. Drilling operations shall be carried out 24 hours per day for seven days per week or as near that schedule as can reasonably be maintained.

3. THE CONTRACTOR HEREBY COVENANTS AND AGREES:

- a) To provide all of the required drilling machinery and associated tools including, but not limited to, one skid mounted model 38 drill capable of drilling BQ core to a depth of 1500 feet.
- b) That drilling crews will follow good drilling practice and shall use due care and diligence as shall enable them to recover as high a percentage of core as the nature of the ground being drilled shall permit. All cores shall be delivered to the COMPANY, in boxes provided by the CONTRACTOR at the drill sites.
- c) That it shall be responsible for, and will pay promptly all costs and charges, incurred by itself for labour, machinery, tools and supplies used in completing the work hereunder so that no lien or other such charge relative to the CONTRACTOR, may be registered against the COMPANY or the property. The CONTRACTOR shall be responsible for the payment of all assessments for Workmen's Compensation, Holiday Pay, Canada Pension, Unemployment Insurance, Sales Taxes, or other such applicable charges relative to its own labour and supplies purchased.
- d) The CONTRACTOR shall, at all times, enforce strict discipline and maintain good order among its employees and shall not retain on the work any unfit person or anyone not skilled in the work assigned to him. Any employee who is objectionable or unsatisfactory to the COMPANY shall be removed from the work and replaced by an employee satisfactory to the COMPANY.
- e) The CONTRACTOR shall keep his camp and drill sites free from waste and rubbish, and at the completion of his work he shall leave the camp area and all drill sites as nearly as possible in the condition such as it was prior to the commencement of the work (see Section 6f).
- f) The CONTRACTOR and its employees shall not disclose any information obtained in the course of the work performed or show cores or other samples procured in connection to third parties.

4. THE COMPANY HEREBY AGREES:

- a) Should cavities, loose or caving ground or excessive water flows be encountered in a hole so that further drilling in that hole is deemed impracticable, that hole may, by mutual consent, be abandoned, and, the CONTRACTOR be paid at rates so specified herein for all footage completed in that hole. However, should the COMPANY request that further work be carried out in the hole beyond this point, then the CONTRACTOR shall continue work in the hole, but such continuing work shall be at Field Cost rates.
- b) That it will provide access roads and prepare drill sites.

- c) The COMPANY shall provide, at no cost to the CONTRACTOR, all rights of way of ingress and egress to all lands that may be required to enable the CONTRACTOR to carry out the work as specified. The CONTRACTOR shall be permitted to cut and fell any timber on the COMPANY'S property as may be required in the course of the work hereunder, and the COMPANY SHALL INDEMNIFY AND SAVE HARMLESS THE CONTRACTOR from any assessment for stumpage or other charges of every kind and nature.
- d) The COMPANY will have a representative on site to approve COMPANY charges subject always to final approval by Vancouver Office.
- 5. THE COMPANY HEREBY AGREES to pay the CONTRACTOR for footage drilled and other services performed as follows:
  - a) Mobilization of men and equipment to truck unload point and demobilization from truck load point ..... \$ 800.00
  - b) Drilling: BQ Core in Bedrock
    - 0 to 500 feet ..... \$ 9.07 per foot
    - 500 to 1,000 feet ..... \$ 9.69 per foot
    - 1,000 to 1,500 feet ..... \$10.60 per foot
  - c) Overburden penetration:
    - 0 to 50 feet ..... \$11.40 per foot
    - over 50 feet ....FIELD COST + .60 per foot
  - d) Reaming casing into bedrock, if required, at FIELD COST, plus \$0.60 per foot reamed for wear and tear of the casing.
  - e) Casing of hole, if required, at FIELD COST. Casing left in holes at request of COMPANY will be charged at replacement cost. Casing lost in holes by CONTRACTOR at 50% of replacement cost.
  - f) Dip Testing - performed at the rate of \$28.00 per hour.
  - g) Cementing of drill holes and redrilling of cemented section of hole, at FIELD COST. Only 8 man hours will be allowed for setting time (See 5(o))
  - h) Water supply: The CONTRACTOR shall provide, install, maintain, heat and remove up to 1200 feet of waterline for a maximum lift of 200 feet. Additional expense incurred in providing waterline or lift in excess of these maximums shall be charged to the COMPANY at FIELD COST.
  - i) Moving of drill from site to site. The first 40 man hours are for the CONTRACTOR'S account. Time in excess of 40 man hours to be charged 50% to the CONTRACTOR and 50% to the COMPANY.
  - j) Drilling mud and additives, if required, shall be for the COMPANY'S Account, at cost on job site plus 12%. Mud mixing time shall be for the CONTRACTOR'S account.

- k) Truck Rental: CONTRACTOR shall provide crew transportation and service at no cost to the COMPANY.
- l) Core boxes shall be furnished by CONTRACTOR at \$3.60 per tray.
- m) Camp: CONTRACTOR will furnish room and board for its personnel. The erection and teardown of a suitable camp for the CONTRACTOR'S crew would be performed on a FIELD COST basis. If possible the CONTRACTOR will board COMPANY personnel at a cost of \$3.50 per meal.
- n) Field Costs where applicable shall be:
- i) Labour \$9.45 per hour
  - ii) Drill with Tower 7.30 per hour
  - Pump .75 per hour
  - Coil Stove(if applicable) .50 per hour plus fuel
  - Truck (6 x 6 water) 8.00 per hour
  - Truck - pickup 6.50 per hour (if ever applicable)
  - iii) Supplies consumed or lost in borehole at field replacement cost plus 15%, except for casing 5(e).
- o) Standby Time: for convenience of Amax Potash, waiting for cement to set, etc.

Labour (max. 8 hrs)	\$8.60 per man hour
Equipment (max. 8 hrs/day)	5.00 per hour

- p) The CONTRACTOR will supply a model 450 John Deere Tractor at a monthly cost of \$1200, prorated for shorter period, plus the cost of transporting the tractor between Smithers and the job site.

#### 6. INSURANCE AND GENERAL

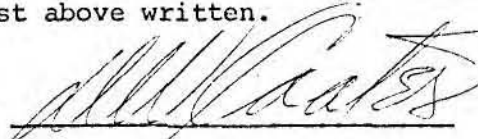
- a) The CONTRACTOR, at its own cost, shall maintain insurance to the following limits; Liability and Property Damage \$500,000.00, Automobile Insurance coverage \$500,000.00. CONTRACTOR shall furnish the COMPANY on demand, insurer's certificates evidencing the existence of such insurance, which certificates shall specifically state that the policy covers the above mentioned requirements and stipulates that the policy shall not be modified or cancelled unless ten (10) days prior written notice thereof is furnished to the COMPANY.
- b) The CONTRACTOR agrees to indemnify AMAX, and its directors, employees and agent from all loss and expense including any court costs and other legal expenses arising out of all claims, demands, actions, processes and suits of every nature and kind whatsoever incident to or resulting from the operations of CONTRACTOR or of any subcontractor or agent or employee of the CONTRACTOR or any of them.



- c) The CONTRACTOR shall comply with all applicable municipal, provincial, territorial and federal legislation and regulations dealing with forest fires (by bringing in the necessary fire fighting equipment), pollution or similar matters and will be responsible for any violations of such legislation and regulations by him, his sub-contractors, and his employees, while providing services to the COMPANY hereunder.
- d) The CONTRACTOR shall not be held liable for any loss or damage suffered by reason of any cause beyond its active control such as riots, strikes, lockouts, Acts of God, or failure of transportation.
- e) Under the foregoing terms and conditions the CONTRACTOR does not guarantee to drill any hole to any specified depth. The CONTRACTOR will however, expend every reasonable effort to complete all holes to the satisfaction of the COMPANY.
- f) The CONTRACTOR shall invoice the COMPANY semi-monthly for footage drilled and other services performed. Such invoices shall be due and payable within 30 days of invoice date. The COMPANY shall withhold \$2,000.00 from the last invoice until the drill sites have been cleaned up to the satisfaction of the COMPANY'S representative.


IN WITNESS WHEREOF the parties hereunto affixed their corporate seals in the presence of their respective proper officers first duly qualified in that behalf as of the day and year first above written.

The Corporate Seal of )  
D.W. COATES ENTERPRISES LTD. )  
was hereunto affixed in the )  
presence of )

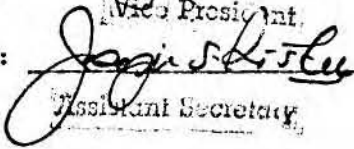
By: 

Attest: 

The Corporate Seal of )  
AMAX POTASH LIMITED )  
was hereunto affixed in the )  
presence of )

By: 

Vice President

Attest:   
Assistant Secretary

File

1527512	+
105117	+
1736625	+
83865	-
3285389	T

APPROVED		
PRIN	AMOUNT	
515 8681	31,977.05	
515 8690	876.81	
	<u>32853.89</u>	
CX.13491	MAY 17 '74	

Amax Potash Ltd.,  
601 - 535 Thurlow Street,  
Vancouver, B.C.

INVOICE

D.W. COATES ENTERPRISES LTD.

1668 - 1st AVENUE WEST  
VANCOUVER 9, B.C.

INVOICE NO.: 710

JOB NO.: 221

Date: May 8th, 1974.

MAY 14 1974

PERIOD: Adjustments to Inv. #696, 697 & 701 VANCOUVER OFFICE  
Your letter dated May 1, 1974.

CREDIT NOTE

Inv. #696

Delete Other Charges \$44.40  
Labour Credit: 36 hrs. @ 9.45/hr 340.20

\$ 384.60 ✓

Inv. #697

Labour Credit: 41 hrs. @ 9.45/hr

387.45 ✓

v. #701

Delete Other Charges

66.60 ✓

TOTAL CREDIT:

\$ 838.65 ✓

AMOUNTS	DATE
515,868.12	(838.65)

0218401 MAY 17 74

✓

Amax Potash Limited,  
35 Thurlow Street,  
Vancouver, B.C.  
V6L6

INVOICE

D.W. COATES ENTERPRISES LTD.

1668 - 1st AVENUE WEST  
VANCOUVER 9, B.C.

AMAX  
APR 11 1974  
INVOICE NO.: 697  
JOB NO.: 221  
VANCOUVER OFFICE

Date: April 9, 1974.

Tractor mobilization - Topley Area.

Period: March 20 - 29, 1974.

Mobilization of John Deere 350

\$1,051.17

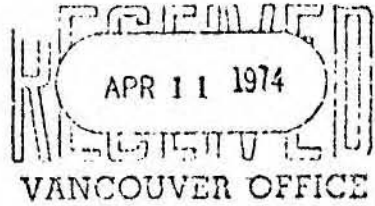
\$1,051.17

*K.*

Project	For	Amount
515	8681	1051.17

CK 13491 MAY 17 '74





Mobilization of Tractor:

a) Labour & Equipment

<u>Date</u>	<u>Memo</u>	<u>Man Hours</u>	<u>Truck</u>
Mar. 20	To job site with tractor	5	-
" 24	Attempt to pull Tractor out at Lake	8	156 miles
" 28	Blast ice & Winch Tractor	18	156 miles
" 29	Pulled tractor out of lake	42	156 miles
		73	468

Calculation:

Labour :	73 hours @ \$9.45/hour	\$ 689.85 ✓	
Truck :	468 miles @ .20/mi	<u>93.60</u> ✓	\$ 783.45 ✓

b) Material & Other Charges:

1 5/8 x 65 Hoisting Cable	53.25	
Madigan Equip. Inv. #277	123.47 ✓	
Others Transport Ltd. #26450	<u>91.00</u> ✓	\$ 267.72 ✓
<b>Total Mobilization of Tractor:</b>		<b><u>\$ 1,051.17</u></b> ✓

*Labour*

CK 13491 MAY 17 '74

APR 11 1974

INVOICE

Amax Potash Limited,  
601-535 Thurlow Street,  
Vancouver, B.C.  
V6E 3L6

D.W. COATES ENTERPRISES LTD.

1668 - 1st AVENUE WEST  
VANCOUVER 9, B.C.

INVOICE NO.: 696  
VANCOUVER OFFICE  
JOB NO.: 221

Date: April 9, 1974.

Topley Area Drilling.

RIOD: March 20 - 31, 1974.

Drilling Detail

\$12,622.14 ✓

Overburden

47.55 ✓

Transportation

1,761.00 ✓

Mud & Additives

313.42 ✓

Reaming & Casing

60.80 ✓

Tractor Rental 8690

425.81 ✓

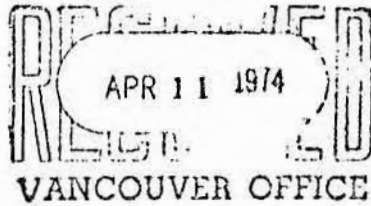
Other Charges

44.40 ✓

\$15,275.12 ✓

APPROVED		
515	8690	425.81
515	8681	14,849.31
		<u>15,275.12</u>
EX. 13491		MAY 17 '74

*[Handwritten signature]*



Drilling Detail

Hole #	Size	From	To	Footage	Rate/Foot	Amount
74-1	BQ	0	13	13 ✓	\$11.40 ✓	\$ 148.20 ✓
"	BQ	13	500	487 ✓	9.07 ✓	4,417.09 ✓
"	BQ	500	603	103 ✓	9.69 ✓	998.07 ✓
74-2	BQ	0	24	24 ✓	11.40 ✓	273.60 ✓
"	BQ	24	500	476 ✓	9.07 ✓	4,317.32 ✓
"	BQ	500	606	106 ✓	9.69 ✓	1,027.14 ✓
74-3	BQ	0	50	50 ✓	11.40 ✓	570.00 ✓
"	BQ	50	60	10 ✓	Field Cost	-
"	BQ	60	156	96 ✓	9.07 ✓	870.72
				<u>1365' ✓</u>		<u>\$ 12,622.14 ✓</u>

Overburden:

a) Labour & Equipment

Date	Memo	Man Hours	Drill
Mar. 31N	Tricone 50'- 60', B casing to 60'	3	1½

Calculation:

Labour:	3 hrs. @ \$9.45/hr ✓	\$ 28.35 ✓	
Drill :	1½ hrs @ 7.30/hr ✓	10.95 ✓	
Pump :	1½ hrs @ (.75x2)/hr ✓	2.25 ✓	\$ 41.55 ✓

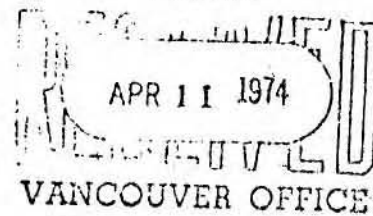
b) Materials:

Hole #	Item	Amount
74-3	Casing charge 10 feet @ .60/foot ✓	6.00 ✓

Total Overburden:

\$ 47.55 ✓

CK.13491 MAY 17 '74

Transportation

- (a) Lump Sum: 50% x \$800.00 \$ 400.00 ✓
- (b) Labour & Equipment:

<u>Date</u>	<u>Memo</u>	<u>Man Hours</u>	<u>Truck</u>
Mar 21 D	Haul Camp Gear	28	2
Mar 22 D	Build Camp & Haul Equip.	33	-
Mar 23 D	Haul Equipment	32	-
Mar 24 D	" " & Set up	32	1
Mar 25 D	" " & " "	16	1
		<u>141</u>	<u>4</u>

Calculation:

Labour	:	141 hrs. @ \$9.45/hr ✓	\$ 1,332.00	
Truck (6x6):		2 hrs. @ 8.00/hr ✓	16.00	
" ½ ton:		2 hrs. @ 6.50/hr ✓	13.00 ✓	\$ <u>1,361.00</u>

Total Transportation:

\$ 1,761.00Mud & Additives:Material

<u>Date</u>	<u>Hole #</u>	<u>Quick Gel</u>	<u>Quick Trol</u>
Mar 28 D	74 -2	6 bags	
" 28 N	"	3	3 bags
" 29 D	"	2	4
" 29 N	"	1	2
" 30 D	"	1	10
" 30 N	"	-	9
" 31 D	74-3	2	-
" 31 N	"	3	-
		<u>18</u> ✓	<u>28</u> ✓

Calculation:

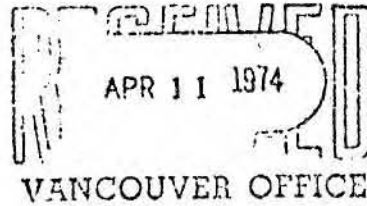
18	50# bags Quick Gel @ \$5.80/bag ✓	\$ 104.40 ✓
28	2# bags Quick Trol @ \$4.90/bag ✓	137.20 ✓
Freight:	956 lbs. @ \$4.00/cwt ✓	<u>38.24</u> ✓
		279.84 ✓
	Plus 12%: ✓	<u>33.58</u> ✓

Total Mud &amp; Additives:

\$ 313.42 ✓

EX. 13407 MAY 17 '74





Reaming & Casing:

(a) Labour & Equipment

<u>Date</u>	<u>Memo</u>	<u>Man Hours</u>	<u>Drill</u>
Mar 25 D	Ream Casing 13'-16'	2	1
" 25 N	" " 16'-22'	2	1
		4 ✓	2 ✓

Calculation:

Labour:	4 hrs. @ \$9.45 ✓	\$ 37.80 ✓	
Drill:	2 hrs. @ 7.30 ✓	14.60 ✓	
Pump:	2 hrs. @ (.75x2) ✓	3.00 ✓	\$ 55.40 ✓

(b) Material:

Casing Charges	- 9 feet @ .60/foot ✓		5.40 ✓
Total Reaming:			\$ 60.80 ✓

Tractor Rental:

John Deere 450:	Mar 20-31, 11 days @ \$1200/mo ✓		\$ 425.81 ✓
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Other Charges:

Labour & Equipment

<u>Date</u>	<u>Memo</u>	<u>Man Hours</u>	<u>Drill</u>
Mar 26 N	Wait for Geologist	4	2

Calculation:

Labour:	4 hrs. @ \$8.60/hr ✓	\$ 34.40 ✓	
Drill:	2 hrs. @ 5.00/hr ✓	10.00 ✓	
Total Other Charges:			\$ 44.40 ✓

0213491 MAY 17 '74

INVOICE

AMAX

INVOICE NO.: 701

Amax Potash Limited,  
601-535 Thurlow Street,  
Vancouver, B. C.  
V6F 2L6

D.W. COATES ENTERPRISES LTD.

JOB NO.: 221

1668 - 1st AVENUE WEST  
VANCOUVER 9, B.C.

APR 22 1974

Date: April 19, 1974

VANCOUVER OFFICE

Topley Area Drilling

April 1 - 9, 1974

Drilling Detail

\$ 15,374.98 ✓

Transportation

✓ 7,884.65 ✓

Acid Tests

✓ 28.00 ✓

Mud & Additives

✓ 78.62 ✓

Tractor Rental 8690

✓ 451.00 ✓

Core Boxes

✓ 482.40 ✓

Other Charges

66.60 ✓

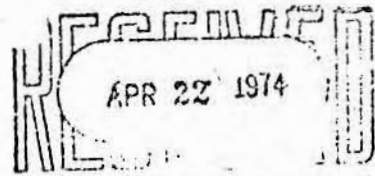
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\$ 17,366.25 ✓

Project	Exp. Code	AMOUNT
515	8681	16,915.25
515	8690	451.00
		17,366.25

CK 18491 MAY 17 '74

CK 18491 MAY 17 '74



VINGOUVER OFFICE

Drilling Detail

Hole #	Size	From	To	Footage	Rate/Foot	Amount
74-3	BQ	156	500	344	\$ 9.07 ✓	\$ 3,120.08 ✓
74-3	BQ	500	613	113	9.69 ✓	1,094.97 ✓
74-4	BQ	0	46	46	11.40 ✓	524.40 ✓
74-4	BQ	46	500	454	9.07 ✓	4,117.78 ✓
74-4	BQ	500	597	97	9.69 ✓	939.93 ✓
74-5	BQ	0	40	40	11.40 ✓	456.00 ✓
74-5	BQ	40	500	460	9.07 ✓	4,172.20 ✓
74-5	BQ	500	598	98	9.69 ✓	949.62 ✓
				<u>1652</u> ✓		<u>\$15,374.98</u> ✓

Transportation

- (a) Lump Sum: 50% x \$ 800.00 \$ 400.00 ✓
- (b) Labour & Equipment

Date	Memo	Man Hours	6x6	1/2 ton
April 7D	Moving to road	24	-	4
" 8D	" " "	8	1	1
" 9D	" " "	15	-	-
		<u>47</u>	<u>1</u>	<u>5</u>

Calculation:

Labour:	47 hours @ \$ 9.45/hr ✓	\$ 444.15 ✓	
Truck-6x6:	1 hour @ 8.00/hr ✓	8.00 ✓	
" 1/2 ton:	5 hours @ 6.50/hr ✓	32.50 ✓	
<b>Total Transportation</b>			<u>\$ 484.65</u> ✓
			<u>\$ 834.65</u> ✓

Acid Tests

Hole # 74-4 Test @ 597 feet \$ 28.00

0X13491 MAY-17 '74

Mud & Additives:

Material

<u>Date</u>	<u>Hole #</u>	<u>Quick Gel</u>	<u>Quick Trol</u>
April 1D	74-3	1 bags	-
" 3D	74-3	4	-
" 5D	74-4	4	*
		<u>9</u>	<u>    </u>

Calculation:

9 50# bags Quick Gel @ \$ 5.80/bag	✓	\$ 52.20	✓
Freight: 450 lbs @ \$ 4.00/cwt	✓	<u>18.00</u>	✓
		70.20	✓
Plus 12%	✓	<u>8.42</u>	✓

Total Mud & Additives

\$ 78.62 ✓

Tractor Rental

John Deere 450: April 1 - 10, 9 days @ \$1200.00 /mo.	✓	\$ 360.00	✓
Transportation to Smithers		<u>91.00</u>	
<i>Labour 15 hours</i>			
		<i>bill</i>	

\$ 451.00

Core Boxes

134 Boxes @ \$ 3.60 per box ✓

\$ 482.40 ✓

Other charges

Labour & Materials

<u>Date</u>	<u>Memo</u>	<u>Man Hours</u>	<u>Drill</u>
April 6N	Wait for Geologist	6	3

Calculation

Labour: 6 hours @ \$ 8.60/hr	✓	\$ 51.60	✓
Drill: 3 hours @ \$ 5.00/hr	✓	<u>15.00</u>	✓

Total Other Charges

\$ 66.60 ✓

CK13491 MAY 17 '74





C.C.S. CONTRACTING LTD  
P.O.Box 135, Houston, B.C. Telephone 645-2358

OPERATORS DAILY EQUIPMENT REPORT

Location *James Lake*  
Equipment No. *H-100* Date *April 8, 1974*  
Day Shift  
Area Night Shift

	Hours
Operator's Hours	
Machine Hours	<i>1</i>
Hours Idle	
Service	
Repairs	

REMARKS

*Working out out to north  
pond*

No. of Loads or Trips  
Type of Work  
*Operator's Signature*

*Foreman's Signature*

1023

**C.C.S. CONTRACTING LTD**  
P.O.Box 135, Houston, B.C. Telephone 845-2358

**OPERATORS DAILY EQUIPMENT REPORT**

Location *Spring Lake*  
Equipment No. *14016* Date *March 30, 1974*  
Day Shift .....  
Area ..... Night Shift .....

	Hours
Operator's Hours .....	
Machine Hours .....	
Hours Idle .....	<i>9 hours</i>
Service .....	
Repairs .....	

REMARKS

*Ballcocking for John Eave*

No. of Loads or Trips .....

Type of Work .....

*Hand P. Suckler*  
Operator's Signature

*M. Swartz*  
Foreman's Signature

1022

**C.C.S. CONTRACTING LTD**  
P.D.Box 135, Houston, B.C. Telephone 645-2358

**OPERATORS DAILY EQUIPMENT REPORT**

Location *Fouthore Lake*  
Equipment No. *125* Date *March 29, 1977*  
Day Shift  
Area Night Shift

	Hours
Operator's Hours	
Machine Hours	<i>6</i>
Hours Idle	
Service	
Repairs	

**REMARKS**

*Removing J.O. 450. Building drill site*

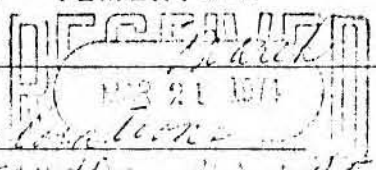
No. of Loads or Trips  
Type of Work

*Paul C. [Signature]*  
Operator's Signature

*J. [Signature]*  
Foreman's Signature

**1 0 2 1**

STATEMENT



1974

M Arac Explorations  
601 - 5135 Harlingen St  
Harlingen TX 79123  
C.C.S. CONTRACTING

IN ACCOUNT WITH \_\_\_\_\_

515

TERMS

	29 <sup>1</sup> / 1001	0839 <sup>00</sup>	\$	1150	501
	hauling out (100x2)			320	00
	back wages		\$	1470	501
					d
	515 8680 320.00				
	515 8683 1150.50				
	1470.50				
	C.C.S. CONTRACTING				
	11-5-74				
	OK to pay				
	OK				



C.C.S. CONTRACTING LTD.  
P.O.Box 135, Houston, B.C. Telephone 845-2358

OPERATORS DAILY EQUIPMENT REPORT

Location .....  
Equipment No. 4021 Date March 8, 1974  
Day Shift .....  
Area ..... Night Shift .....

	Hours
Operator's Hours .....	8 1/2
Machine Hours .....	
Hours Idle .....	
Service .....	
Repairs .....	

REMARKS

Sampling Road .....

No. of Loads or Trips .....

Type of Work .....

Operator's Signature

1002

Foreman's Signature

MAR 21 1974  
*[Signature]*

C.C.S. CONTRACT ; LTD.  
P.O.Box 135, Houston, B.C. Telephone 845-2358

OPERATORS DAILY EQUIPMENT REPORT

Location .....  
Equipment No. *10021* Date *March 9* 19*74*  
Day Shift .....  
Area ..... Night Shift .....

	Hours
Operator's Hours .....	
Machine Hours .....	<i>4 hours</i>
Hours Idle .....	
Service .....	
Repairs .....	

REMARKS

*Snowplowing Road*

No. of Loads or Trips .....

Type of Work .....

*W. C. ...*  
Operator's Signature

1003

*W. C. ...*  
Foreman's Signature

C.C.S. CONTRACTING LTD.  
P.O.Box 135, Houston, B.C. Telephone 845-2358

OPERATORS DAILY EQUIPMENT REPORT

Location .....  
Equipment No. *41221* Date *March 10 1974*  
Day Shift .....  
Area ..... Night Shift .....

	Hours
Operator's Hours .....	
Machine Hours .....	<i>8 1/2</i>
Hours Idle .....	
Service .....	
Repairs .....	

REMARKS

.....  
.....  
No. of Loads or Trips .....

Type of Work .....

*Paul C. ...*  
Operator's Signature

1004

*M. ...*  
Foreman's Signature

*MAR 21 1974*

C.C.S. CONTRACT LTD.

P.O. Box 135, Houston, B.C. Telephone 845-2358

OPERATORS DAILY EQUIPMENT REPORT

Location .....  
Equipment No. *H221* Date *March 11 1974*  
Day Shift .....  
Area ..... Night Shift .....

	Hours
Operator's Hours .....	
Machine Hours .....	<i>8 1/2 hours</i>
Hours Idle .....	
Service .....	
Repairs .....	

REMARKS

*Sampling Road*

No. of Loads or Trips .....  
Type of Work .....

*Local Contractor*  
Operator's Signature

*12174*  
Foreman's Signature

1005

**DELIVERY SLIP**

Nº 0955

**Bulkley Valley Transport**  
LTD.

Bonded Carriers Serving Burns Lake, Topley, Houston and areas  
Houston 845-2465 Radio: 1R34; 1R21; 1R48 P.O.Box 277, Houston, B.C.

Date: *Mar. 7-74* Truck No.: *12*

Customer's Name: *Rene Olson*

Address: *Carl Szidlic*

*Houston*

Customer's Order No.:

Description of Load: *HD 2*

Picked up at: *Houston* *M.18 197 232171*

Destination: *19 Mill Topley Ed. Rd.*

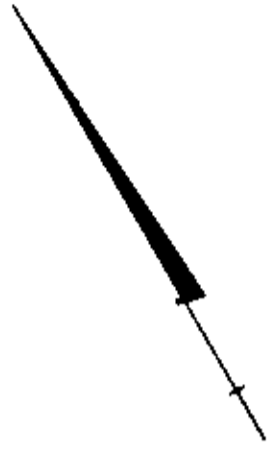
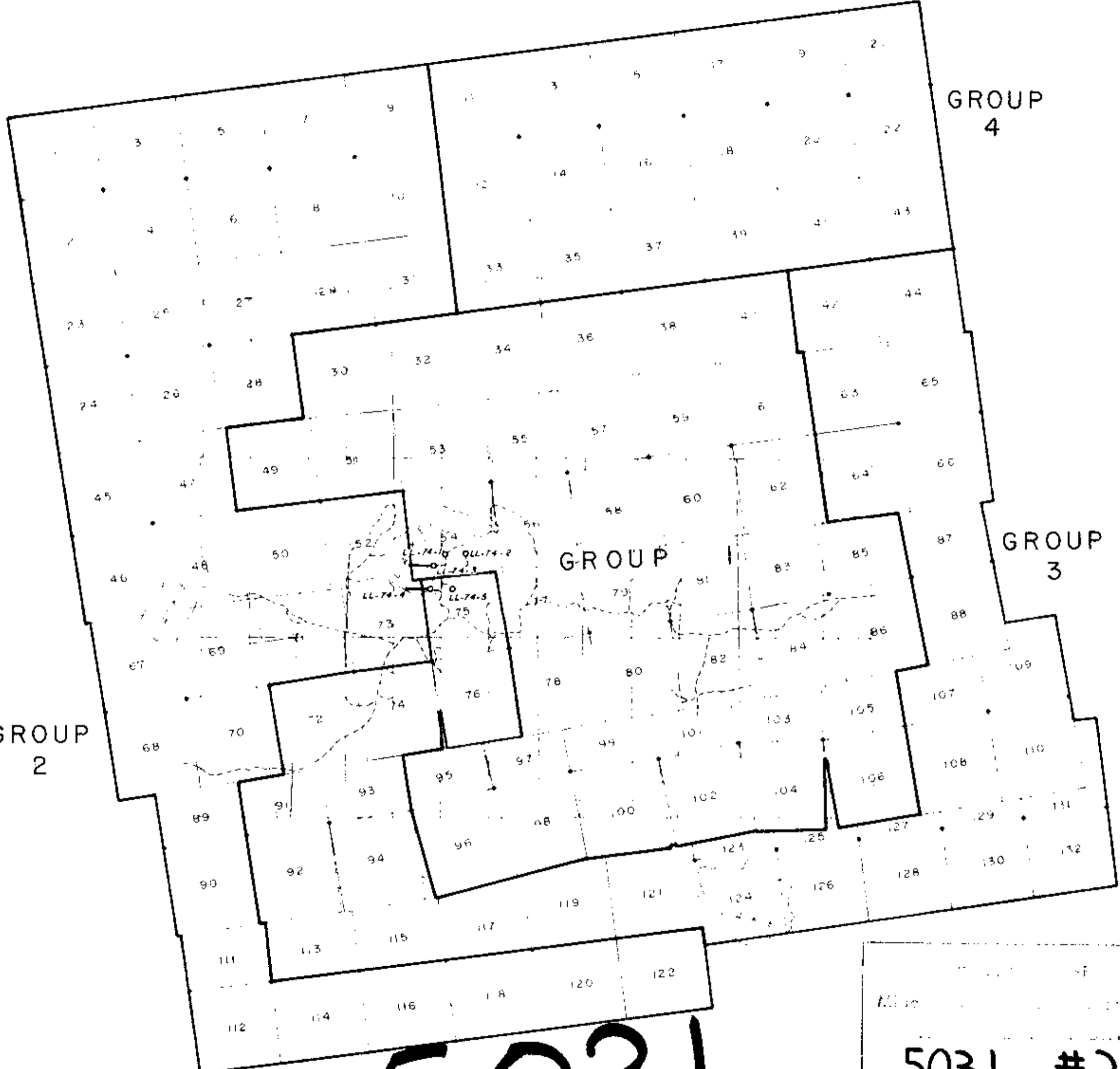
*PH Call & Per. 53 - 23 35 78*

Weight of Load: No. of Miles:

No. of Hours: *4 1/2* Rate: per Hr/Mile

Customer's Signature: *[Signature]*





L E G E N D

- Claim group boundary.
- LL-74-5 Diamond drill hole (vertical)
- LL-74-5 Diamond drill hole (inclined)
- Claim post, claim location line
- Claim boundary
- Grid picket line.
- Road.

AMAX POTASH LIMITED  
 LENNAC LAKE COPPER PROPERTY  
 DOMINION MINING DIVISION-BRITISH COLUMBIA

CLAIM GROUPS AND DIAMOND DRILL HOLES  
 THEZAR CLAIMS

To accompany report "LENNAC LAKE DRILL PROGRAM, -1974" by: C.J. Hodgson  
 June, 1974

5031

NO. 5031 #2

MZ  
 C.J. Hodgson  
 P. Eng