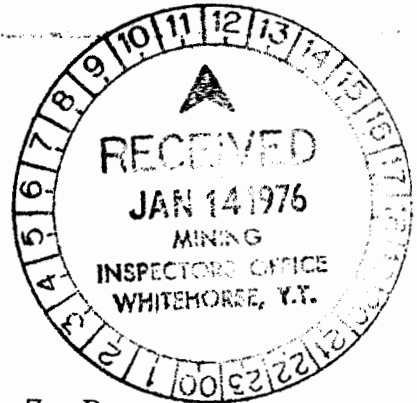
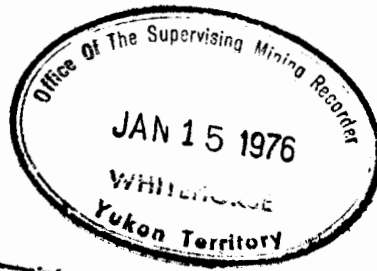
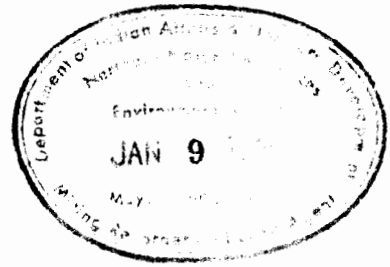


1975 Assessment Report



TITLE Dolores Creek Pb-Zn Property
DTG 1-144 Claims

AUTHORS J.B. Alsen and G.M. Leary, P.Eng.

DATE November, 1975

COMMODITY Pb-Zn

LOCATION-Area Mackenzie Mountains, Yukon Territory
-Mining Division Mayo
-Coordinates Latitude 64°49'N Longitude 133°36'W
-NTS 106 C 13

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of \$2,000.00

[Signature]
Resident Geologist or
Resident Mining Engineer

Considered as representation work under Section 53 (4) Yukon Quartz Mining Act.

[Signature]
B.R. SANIER
Supervising Mining Recorder

[Signature]
Commissioner of Yukon Territory

AMAX EXPLORATION, INC.
Vancouver Office

TABLE OF CONTENTS

SUMMARY-----	1
CLAIM DATA-----	2
CONCLUSIONS AND RECOMMENDATIONS-----	3
INTRODUCTION-----	4
REGIONAL GEOLOGY-----	5
PROPERTY GEOLOGY-----	6
MINERALIZATION-----	7
REFERENCES-----	9

APPENDICES

APPENDIX I	- Statement of Costs
II	- Statement Qualifications
III	- List of Claims
IV	- Assay and Geochemical Data

ILLUSTRATIONS

Figure 1 - Location Map-----	1"=120 miles--	After Page 4
2 - Claim Map-----	1"=1 mile----	After Page 4
3 - Regional Geology-----	1:250,000----	In Pocket
4 - Stratigraphic Column - Bonnet Plume Mound-----	1"=1000'-----	After Page 6
5 - Geological Map-----	1"=500'-----	In Pocket
6 - Stratigraphic Column-----	1"=500'-----	After Page 6

SUMMARY

The Dolores Creek Property comprises 144 contiguous claims located northwest of Pinguicula Lake in the Wernecke Mountains, Yukon Territory. Claims were staked to cover lead-zinc showings discovered during follow-up of drainage anomalies generated in 1974 by the Yukon Pb-Zn Program.

The property is situated within the northern extremity of the Bonnet Plume carbonate mound. Claims cover an east-west trending synclinal structure within Hadrynian sediments composed of a lower red-bed clastic suite and an upper stromatolitic dolomite unit. The fold structure is cut by numerous northwest, northeast and east-northeast trending faults.

Lead and zinc sulphides occur within a dark grey platy dolomite unit up to 400 feet thick. At the main Main Showing pyrite, sphalerite, galena and hydrozincite occur in an intense fracture and vein stockwork along and across a 1,000 foot wide, northwest trending intermittently sheet-jointed and sheared zone.

Channel samples from separate outcrops within the Main Showing returned values up to 1.74% Zn and 0.24% Pb across 20 feet.

A copper showing is located within the lower red-bed clastic suite. Chalcopyrite, hematite, pyrite, malachite and azurite occur disseminated and along fractures in an interbedded sequence of maroon sandstones and conglomerates. Assays returned values of 1.34% Cu and 0.44 oz/t Ag across 0.5 feet.

Geological mapping and prospecting of the property at a scale of 1 inch to 500 feet and sporadic geochemical sampling was accomplished during late June and July of the 1975 field season. Enough assessment work was performed to renew 77 claims for two years.

CLAIM DATA

<u>Name</u>	<u>Grant Number</u>	<u>Anniversary Date</u>
DTG 1-144 incl.	Y95509-Y95652 incl.	August 9, 1975

Mayo Mining Division

CONCLUSIONS AND RECOMMENDATIONS

It is concluded that:

1. Lead-zinc mineralization is controlled by an intense network of northerly trending vertical fractures within a 400 foot thick Hadyrnian platy dolomite (Hc^{1s}) unit.
2. Grade of mineralization is directly related to fracture orientation and intensity.
3. Faults and shears spatially associated with the fractures, truncate stratigraphy, thus limiting surface extent of the favourable unit.

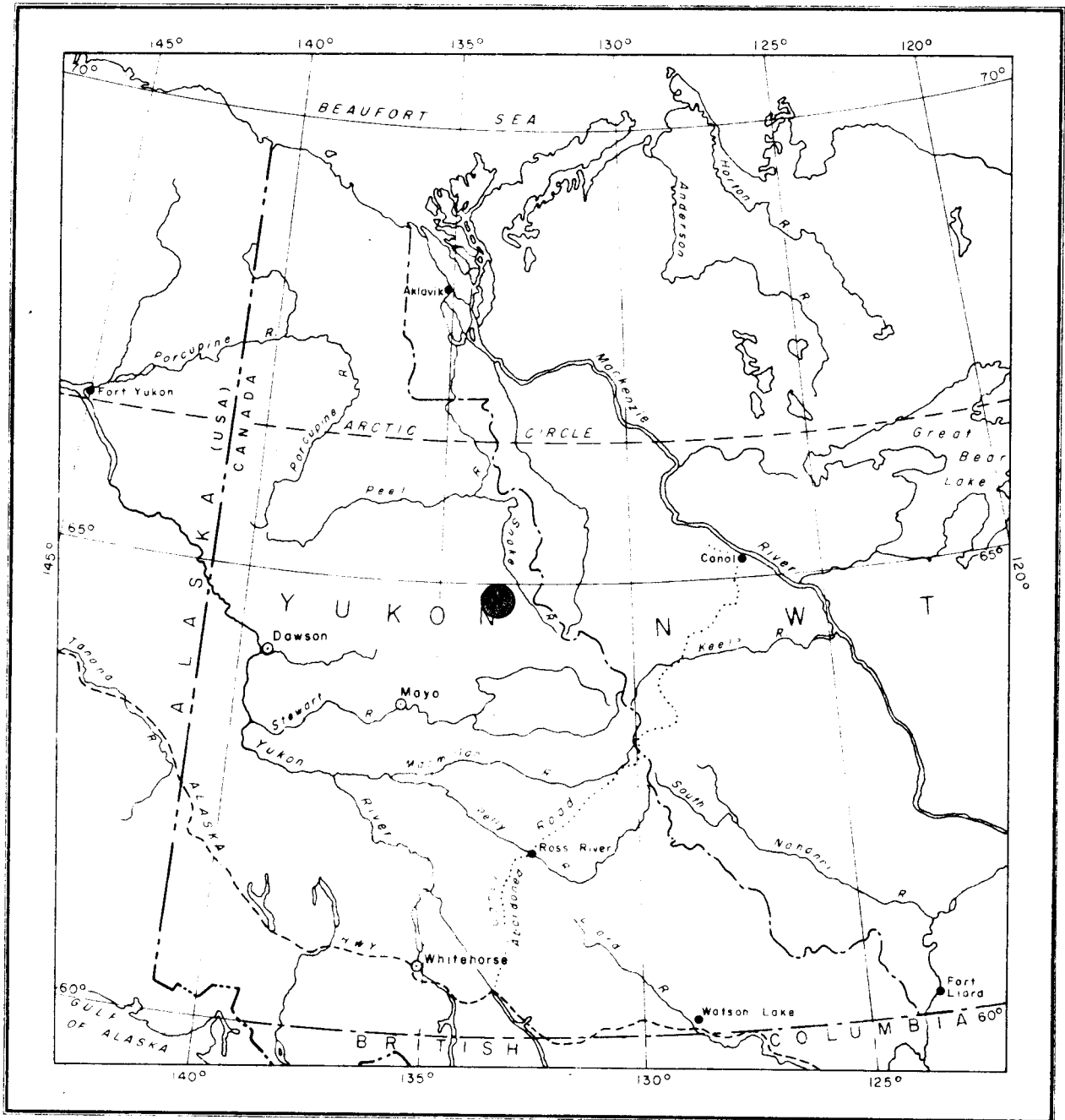
A program of detailed geological mapping of the main showing and detailed prospecting for the favourable unit in the western half of the property is recommended. Detailed geological mapping should concentrate on measurement of fracture orientation and density.

INTRODUCTION

The Dolores Creek Property is located ten miles northwest of Pinguicula Lake in the Bonnet Plume Range of the Mackenzie Mountains, Yukon Territory (Figures 1 and 2). The property comprises an east-west elongate rectangular block of 144 contiguous claims covering the top and steep flanks of a rugged east-west trending ridge system. Relief within the claim block is in the order of 3,600 feet with peaks reaching 6,500 feet. Access is by helicopter from Pinguicula Lake which is accessible from Mayo by float-equipped fixed-wing aircraft.

Claims were staked July 17, 1974 to cover lead-zinc showings located in a Hadrynian dolomite unit. The showings were discovered as a result of follow-up of lead silt anomalies obtained by regional sampling during the 1974 Yukon Pb-Zn Program.

Work carried out in 1975 consisted of detailed geological mapping and sampling, and limited geochemical sampling.

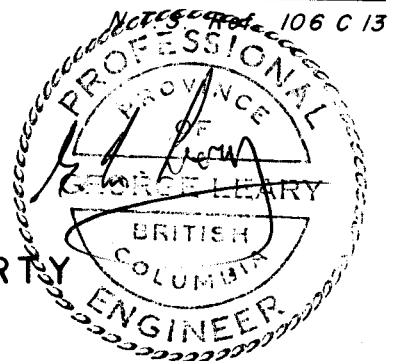


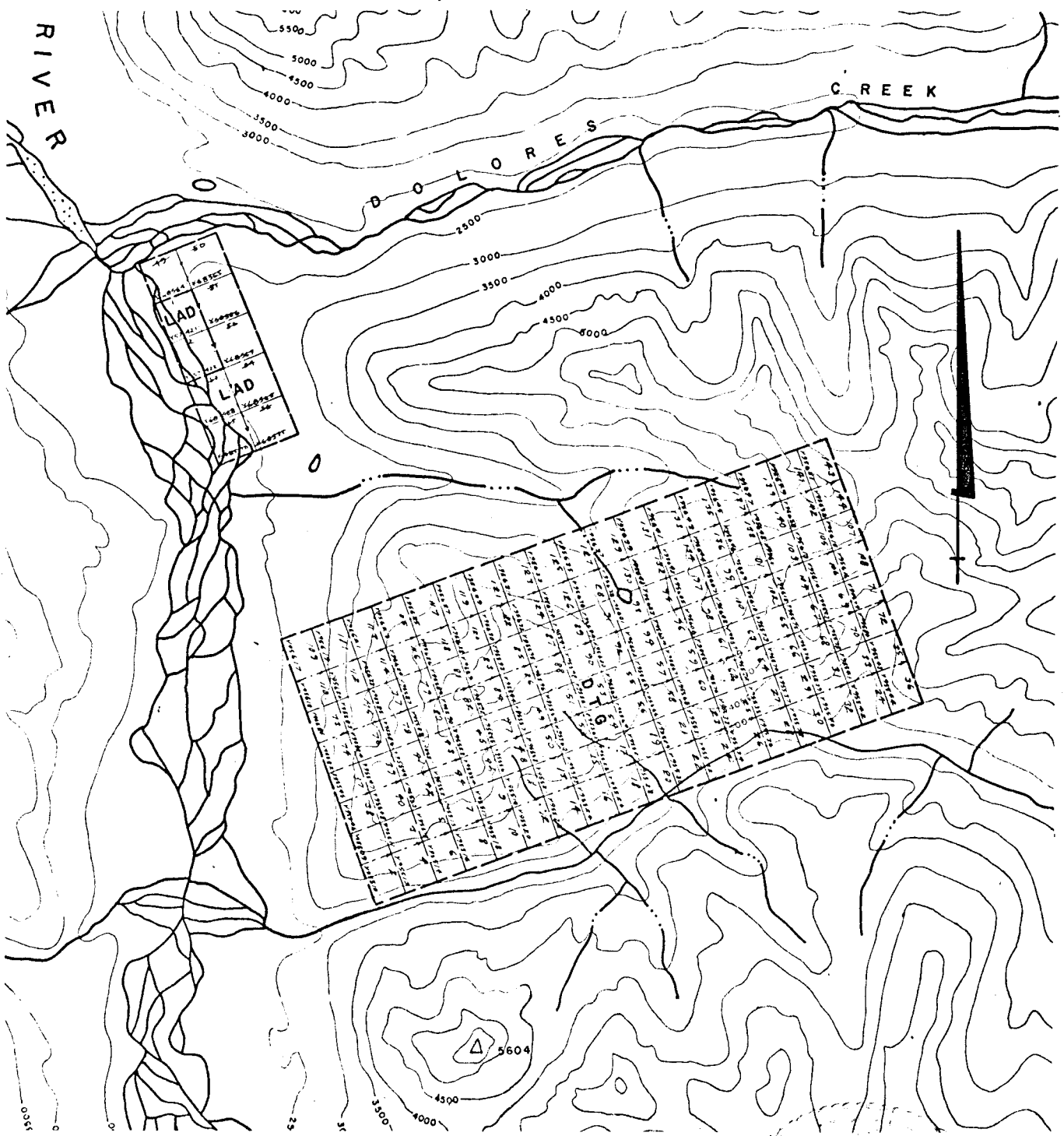
AMAX EXPLORATION INC.

DOLORES CREEK PROPERTY
MAYO MINING DISTRICT - YUKON

LOCATION MAP

SCALE 1" = 120 MILES



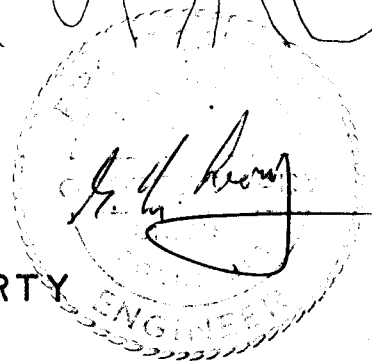


AMAX EXPLORATION INC.

DOLORES CREEK PROPERTY
MAYO MINING DISTRICT - YUKON

CLAIM MAP

SCALE 1" = 1 MILE



REGIONAL GEOLOGY

The Dolores Creek Property host unit Hc¹, on Map 106C of Open File 205 and 106 C 13 of Open File 206, is dominantly comprised of stromatolitic dolomite and is part of a reefoid carbonate mound (i.e. Bonnet Plume Mound) that developed intermittently throughout Upper Hadrynian to Lower Cambrian time (Figures 3 and 4). The mound is northwesterly-elongate or oval in plan and measures 30 by 50 miles. Facies changes indicate a deeper water shale environment to the northwest, southwest, and southeast. Shallow water clastics including red, purple, brown and green siltstones and shales, ripple marked silty and shaly dolomites and quartzites are interbedded with the mound and are generally the dominant facies to the northeast (i.e. the Lower Cambrian quartzite facies is widespread to the east where it lies within a belt of quartzite of Lower Cambrian age that stretches the full length of the Canadian Cordillera), (Leary, 1975).

Three carbonate build-ups characterize the Bonnet Plume mound. These include Units Hc, Hd and Ec each up to 2,000 feet thick and separated by clastics. The lower and middle units are highly stromatolitic facies characterized by either domal and columnar or planar stromatolites. The upper and middle units are commonly vuggy, pisolitic and/or sandy.

Regional Laramide deformation has resulted in a structural style characterized by predominantly northwest trending open folds cut by numerous parallel reverse, normal and thrust faults. Fold structures and numerous faults trending predominantly north-easterly in the region of the Dolores Creek Property are common.

Lead-zinc mineralization is regionally associated with three main carbonate units of the Bonnet Plume Mound. Lead-zinc occurrences within the Hd and Ec carbonate units are characterized by breccia, vug, fracture and vein fillings in vuggy, sucrose

dolomite whereas, those within the lower carbonate unit Hc, are associated with fracture and vein stockworks in massive and platy dolomite.

PROPERTY GEOLOGY

Property geology at a scale of 1 inch to 500 feet is illustrated on Figure 5. A stratigraphic column for the property is shown on Figure 6.

The Dolores Creek Property occupies part of the northern extremity of the Bonnet Plume Mound where carbonate units change facies northwesterly into dominantly basinal clastics of the Rapitan Group (Hr) and Grit Unit (Hs). The property is underlain by a sequence of Hadrynian carbonate and clastic rocks which lie unconformably on Helikian sediments. Numerous northeast, northwest and east-northeast trending faults disrupt the local stratigraphy and hamper correlation of units.

The property stratigraphy includes seven main mappable units (see Figure 6) as described below in ascending order:

Units Hs, Hc, Hd, Hqs - Helikian sediments within and in the immediate vicinity of the property include black slate (Hs), buff-white, crystalline dolomite (Hc) with minor limestone (Hcl), argillaceous dolomite (Hd), rusty to black quartzite (Hqs), and minor brown weathering arenaceous dolomite (Hda).

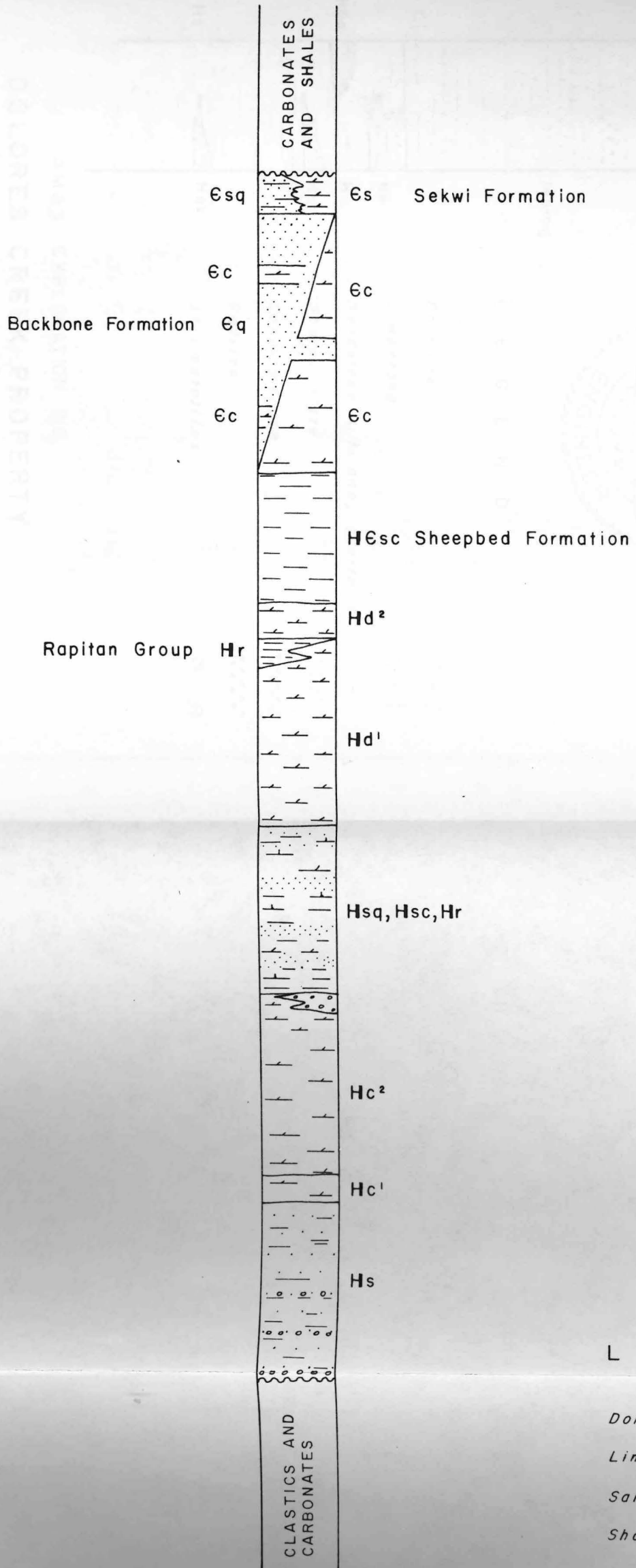
Unit Hsmg - This unit, which unconformably overlies Helikian sediments, is well exposed around the flanks of peaks. It consists of maroon, green and grey slate, siltstone, quartzite and minor conglomerate and limestone.

Unit Hc is the dominant carbonate unit on the property and may be subdivided into two separate carbonate members (Hc¹, Hc^{1s})

LITHOLOG

MINERALIZATION

PALEOZOIC
 LOWER CAMBRIAN
 LOWER HADRYNIAN
 UPPER HADRYNIAN
 HELIKIAN



LEGEND

- Dolomite. [Symbol]
- Limestone. [Symbol]
- Sandstone, siltstone, quartzite. [Symbol]
- Shale. [Symbol]
- Conglomerate. [Symbol]

■ Dolores Creek

AMAX EXPLORATION INC.

DOLORES CREEK PROPERTY
 MAYO MINING DISTRICT - YUKON

BONNET PLUME MOUND
 STRATIGRAPHIC COLUMN

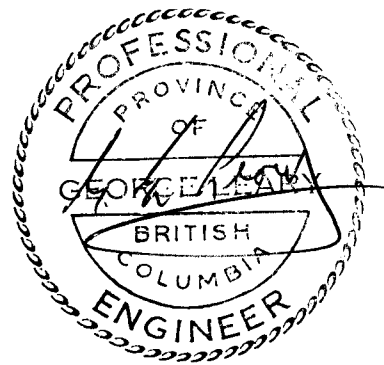
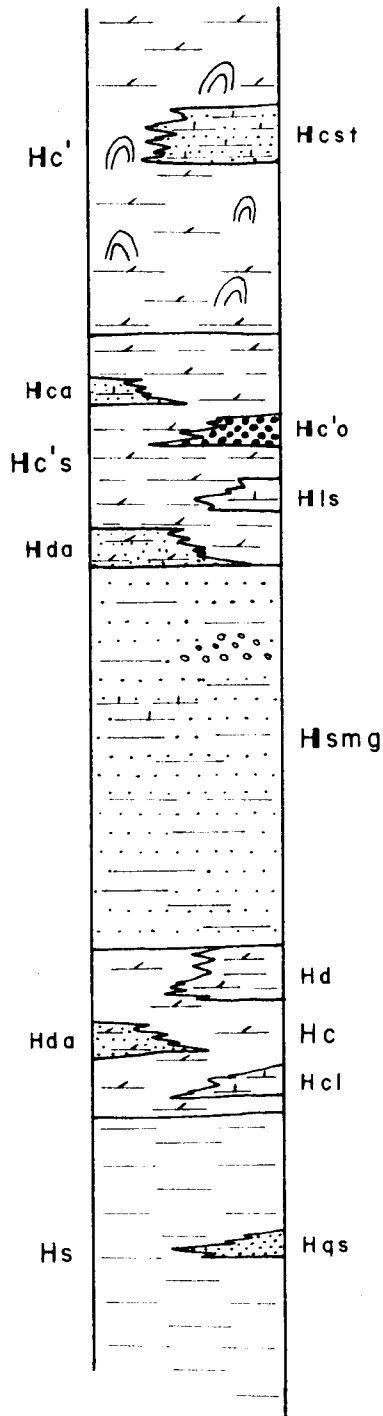
SCALE 1" = 1,000'



N. T. S. Ref. 106 C 13
 FIG. 4

LITHOLOG

UPPER HADRYNIAN
 HELIKIAN



L E G E N D

<i>Dolomite</i>	
<i>Limestone</i>	
<i>Sandstone, siltstone, quartzite</i>	
<i>Shale, slate</i>	
<i>Conglomerate</i>	
<i>Oolites</i>	
<i>Stromatolites</i>	

AMAX EXPLORATION INC.

DOLORES CREEK PROPERTY

MAYO MINING DISTRICT - YUKON

STRATIGRAPHIC COLUMN

SCALE 1" = 500'

Vancouver —

H.P.

and a fine grained clastic member (Hcst). Hc¹ is a massive stromatolitic, orange weathering, grey dolomite exposed mainly on the tops of the surrounding peaks. This member which hosts the main showing, is generally underlain by Hc^{1s}, a grey to light orange weathering, medium grey, platy or flaggy dolomite often with shaly partings, which probably represents a transition facies from platform dolomite in the south to deepwater shales to the north. In the northwest map-area, a calcareous, shaly siltstone (Hcst), is conformably in contact with both Hc¹ and Hc^{1s}. Minor beds (lenses ?) of limestone (Hls), arenaceous dolomite (Hda), black slate (Hs¹) and calcareous arenite (Hca) occur within the lower portions of Hc^{1s}. Minor oolitic horizons (Hc^{1o}) are found within this sequence on the eastern half of the property.

Unit Hg is a greenish, fine grained dolomite and silty dolomite which is usually extremely sheared or contains well developed cleavage. The unit represents a structurally disturbed zone which may be the expression of a wide fault or shear zone. Large exposures of arenaceous dolomite are often surrounded by sheared Hg. It is difficult to determine whether the blocks of arenaceous dolomite are Hadrynian or Helikian, which have been caught up in fault movement.


MINERALIZATION

Lead-zinc mineralization is hosted in a Hadrynian platy dolomite (Hc^{1s}). The main showing (see Figure 5) consists of an intense stockwork of fracture fillings and veinlets (up to ½" wide) in talus blocks and outcrop in a stratabound zone within moderately (40° - 60°) northeasterly dipping platy dolomite of Unit Hc¹. The mineralized zone appears restricted to a transgressive fault structure striking westerly and characterized by intermittent sheared and sheet jointed zones up to 20 feet wide. The zone of mineralization has a surface area

of at least 1,000 feet by 1,000 feet with a stratigraphic thickness of approximately 400 feet. Channel samples taken across the mineralized zone returned values up to 2% combined Pb-Zn. Channel samples taken in 1974 returned values ranging from 0.9% to 5.2% Zn across 5 to 15 feet.

At the southwestern end of the property pyrite occurs abundantly (5-10%) as disseminations and veinlets in a siltstone unit. Nearby, specular hematite, more abundant than pyrite, occurs in a thick, maroon, conglomeratic siltstone along fractures, disseminated around rock fragments and along bedding planes.

A stratabound copper showing in the southwestern map-area, occurs along fractures and as disseminations in an interbedded sequence of maroon sandstones and conglomerates of Unit Hs. Chalcopyrite, hematite, pyrite, malachite, and azurite returned assay values of 1.34% Cu and 0.44 oz/ton Ag across 0.5 feet.



J.B. Alsen



G.M. Leary, P.Eng.

ENGINEER

REFERENCES

LEARY, G.M.

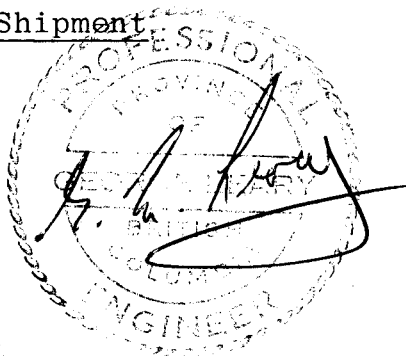
1975: 1974 Report on the Dolores Creek Pb-Zn Property
AMAX Company Report.

APPENDIX I - STATEMENT OF COSTS

<u>Period of Work</u>	June 27 - July 14, 1975 July 29, 1975	
<u>Summary of Work</u>	Geological Mapping	
<u>Personnel</u>		
A.C. Hitchins, Geologist, 1998 Cedar Crescent, Vancouver, B.C.	18 days @ \$58.08/day	\$1,045.44
J.B. Alsen, Geologist, 3555 W 2nd Avenue, Vancouver, B.C.	19 days @ \$39.78/day	755.82
L.V. Penco, Sr. Asst., 6570 Raleigh Street, Vancouver, B.C.	18 days @ \$32.55/day	585.90
J.K. Mortensen, Sr. Asst., 1208 W 8th Avenue, Vancouver, B.C.	18 days @ \$30.75/day	553.50
H.W. Sellmer, Sr. Staff Geologist, 601-535 Thurlow St., Vancouver, B.C.	1 day @ \$130.36/day	130.36
<u>Room and Board</u>		
74 man days @ \$17.50/day		\$1,295.00
<u>Transportation</u>		
Helicopter - 206B	7.8 hrs. @ \$300.00/hr	2,340.00
500B	3.3 hrs. @ \$250.00/hr	825.00
3B1	0.4 hrs. @ \$170.00/hr	68.00
Misc. Fuel		511.08
Fixed Wing - Otter	392.5 mile @ \$1.55/mile (50% Invoice #6686,10273,10306)	608.38
Scheduled Airlines - 20% Invoice #91246-91249, 90226, 103807-8.		177.40
<u>Assays</u>		
20 assays (Pb, Zn, Ag, Cu) @ \$17.50	350.00	
3 assays (Pb, Zn, Ag) @ \$ 9.50	<u>28.50</u>	378.50
<u>Equipment Shipment</u>		460.00

SUB TOTAL

\$9,734.38



Post Anniversary Date August 9, 1975

Summary of Work Detailed Mapping

Period of Work August 16 - 21, 1975

Personnel

J.B. Alsen, Geologist, 3555 W 2nd Avenue, Vancouver, B.C. 6 days @ \$39.78/day	\$238.68
J.K. Mortensen, Sr. Asst., 1208 W 8th Avenue, Vancouver, B.C. 6 days @ \$30.75/day	184.50

Room and Board

12 man days @ \$17.50/day	210.00
---------------------------	--------

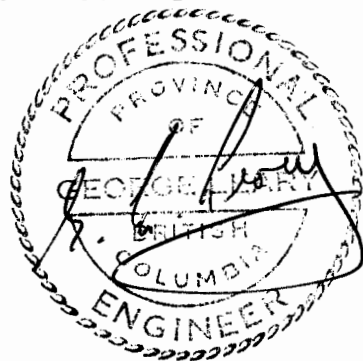
Transportation

Helicopter - 206B 2.9 hrs. @ \$300/hr. plus 45 gals. of fuel @ .80¢/gal.	906.00
12E 3.8 hrs. @ \$175/hr. plus 57 gals. of fuel @ \$4.00/gal.	893.00

<u>Orthographic Maps</u>	1,422.00
--------------------------	----------

Report Preparation

Writing	1,100.00
Drafting, Typing, Reproduction	600.00



SUB TOTAL	\$5,554.18
-----------	------------

TOTAL	\$15,288.56
-------	-------------

=====

We wish the above work to be applied to the following claims
1 year each DTG 1 and 3

2 years each DTG 5, 7, 9, 11, 13, 15, 17, 19, 21,
37-58 incl., 73-94 incl., and 109-130 incl.

CONTRACTOR'S INVOICES - Period June 27 - July 14, 1975
and July 29, 1975

NORTHERN MOUNTAIN HELICOPTERS INC.

CHARTER AND CONTRACT TICKET

Charge To: AMAX Date: JULY 5, 75

P.O.

Pilot: _____ Base: JUL 14 1975 Cash: 15 Cheque: _____ Charge: _____

A/C Type: 206B CF: _____ Area: _____

From: VANG To (1)

To (2) _____ To (3) _____

To (4) _____ To (5) _____

To (6) _____ To (7) _____

To (8) _____ To (9) _____

To (10) _____ To (11) _____

Charter Rate	<u>.3</u>	Hours at \$	<u>300.00</u>		\$	<u>90</u>	<u>00</u>
Contract Rate		Hours at \$					
Fuel Charge	<u>6.9</u>		<u>594</u>	<u>\$1.50</u>		<u>10</u>	<u>35</u>
Pilot Expenses							
Other							
I personally guarantee payment of this charter.						TOTAL CHGE.	<u>100 35</u>
Authorized by: _____							

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

No 1044

1.	ADD EXT CORRECT			
2.	APPROVED			DATE <u>JUL 15 1975</u>
3.	PROJECT	ACCOUNT	SUB	AMOUNT
1.	<u>671</u>	<u>8684</u>		<u>100.35</u>
2.	<u>74425</u>			
3.				<u>12.</u>

MAIN BASE
P.O. Box 368
Prince George, B.C.
Phone 963-9622
Telex 047-8027

2 BASE
P.O. Box 280
Fort St. James, B.C.
Phone 996-7208

No. of Departures	No. of Passengers	No. of hours flown	Base or designated Pt.
	Lbs. cargo	Miles flown	Class of flying

Charge To:

AMAX

AMAX

Date July 6 75

TRACY TICKET

Pilot	Base	Cash	Cheque	Charge
-------	------	------	--------	--------

A/C Type 206 B	CF	Area
----------------	----	------

From To (1)

To (2) To (3)

To (4) To (5)

To (6) To (7)

To (8) To (9)

To (10) To (11)

Charter Rate 2.1	Hours at \$ 300 00	\$ 630 00
Contract Rate	Hours at \$	
Fuel Charge		
Pilot Expenses		
Other		

I personally guarantee payment of this charter.

Authorized by: [Signature]

TOTAL CHGE. 630 00

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

No 1045

1.	ADD & EXT CORRECT			7.
2.	APPROVED		DATE	
3.	ACCOUNT	SUB	9.	
4.	PROJECT CLASS	CLASS	AMOUNT TO.	
5.	671-8684		630.00	
6.	4485		JUL 15 '75	

MAIN BASE
P.O. Box 368
Prince George, B.C.
Phone 963-9622
Telex 047-8027

2 BASE
P.O. Box 280
Fort St. James, B.C.
Phone 996-7208

No. of Departures	No. of Passengers	No. of hours flown	Base or designated Pt.
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Lbs. cargo	Miles flown	Class of flying
	<input type="text"/>	<input type="text"/>	<input type="text"/>

NORTHERN MOUNTAIN HELICOPTERS INC.

CHARTER AND CONTRACT TICKET

Charge To: <i>ANAX</i>		Date: <i>JUNE 27/75</i>	
Pilot		P.O.	
Base	Cash	Cheque	Charge
A/C Type: <i>206</i>	CF	Area	

From: *VANCOUVER* To (1) *OFFICE*

To (2) To (3)

To (4) To (5)

To (6) To (7)

To (8) To (9)

To (10) To (11)

Charter Rate	<i>1.8</i> Hours at \$ <i>300.00</i>	\$ <i>540</i>
Contract Rate	Hours at \$	
Fuel Charge		
Pilot Expenses		
Other		
I personally guarantee payment of this charter.		TOTAL CHGE. <i>540</i>
Authorized by:		

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

- [Signature]* 7.
- [Signature]* 8.
- [Signature]* 9.
- [Signature]*
-
-

No 0398

MAIN BASE
P.O. Box 368
Prince George, B.C.
Phone 963-9622
Telex 047-8027

2 BASE
P.O. Box 280
Fort St. James, B.C.
Phone 996-7208

ADD & EXT CORRECT			
APPROVED		DATE	
PROJECT	ACCOUNT	SUB	AMOUNT
<i>12</i>	<i>9084</i>	<i>-</i>	<i>540.00</i>
No. of hours flown			
Miles flown			

No. of Departures

No. of Passengers

Lbs. cargo

Base or designated Pt.

Class of flying

4475 JUL 9 '75

NORTHERN MOUNTAIN HELICOPTERS INC.

CHARTER AND CONTRACT TICKET

Charge To: AMAX		Date: JULY 29 75	
Pilot		Base	
A/C Type: 20BB		CF	
Area		P.O. 671	
Cash	Cheque	Charge	

From	To (1)
To (2)	To (3)
To (4)	To (5)
To (6)	To (7)
To (8)	To (9)
To (10)	To (11)

Charter Rate 3.6	Hours at \$ 300.00	\$ 1080.00	✓
Contract Rate	Hours at \$		
Fuel Charge			
Pilot Expenses			
Other			
I personally guarantee payment of this charter.		TOTAL CHGE.	1080.00 ✓
Authorized by:			

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

No. **✓1072**

1.	7.	
2.	APPROVED	DATE 8/1
3.	Project Number	Group Code
4.	Amount	Class
5.	671	8684
6.	4519	AUG 8 '75
No. of Departures	Nb. of Passengers	No. of hours flown
	Lbs. cargo	Miles flown

MAIN BASE
 P.O. Box 368
 Prince George, B.C.
 Phone 963-9622
 Telex 047-8027

2 BASE
 P.O. Box 280
 Fort St. James, B.C.
 Phone 996-7208

Base or designated Pt.

Class of flying



TRANSWEST HELICOPTERS (1965) LTD.

2792 NORLAND AVENUE, NORTH BURNABY, B.C. V5B 3A6 CANADA PHONE: AREA (604) 291-7578

Amax Explorations
601- 535 Thurlow St
Vancouver, B.C.

DATE: July 30th, 1975

INVOICE NO.: 265

Flight report 4066
July 14th,

3.3 hrs @ 250 00

.....\$825.00 ✓

AM
JUL 31
VANCE

ADD-8 EXT CORRECT			
APPROVED			DATE
PROJECT	ACCOUNT CLASS	SUB CLASS	AMOUNT
671	8684		825.00

4513 AUG 7 '75

Helicopter Hughes 500
CF-BUH
M Hofius
Area 9.0

NORTHERN MOUNTAIN HELICOPTERS INC.

CHARTER AND CONTRACT TICKET

Charge To: AMAX Date: _____

P.O. _____

ilot		Base		Cash	Cheque	Charge	
/C Type <u>381</u>		CF		Area			

rom	To (1)	<u>AMAX</u>
o (2)	To (3)	<u>1570</u>
o (4)	To (5)	
o (6)	To (7)	<u>1075</u>
o (8)	To (9)	
o (10)	To (11)	<u>1075</u>

Charter Rate	<u>0.4</u> Hours at \$ <u>170.00</u>	\$ <u>68.00</u>
Contract Rate	Hours at \$	
Fuel Charge		
Pilot Expenses		
Other		

personally guarantee payment of this charter.

Authorized by: 671 **TOTAL CHGE. \$ 68.00**

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

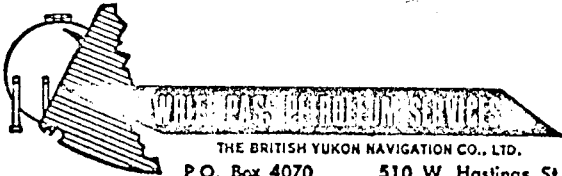
No 0666

Project Number	Group Code	Amount	9.	Amount
<u>671</u>		<u>68.00</u>	<u>10.</u>	<u>68.00</u>
			<u>11.</u>	
<u>1075</u>		<u>1075</u>	<u>12.</u>	<u>1075</u>

MAIN BASE
 P.O. Box 368
 Prince George, B.C.
 Phone 963-9622
 Telex 047-8027

2 BASE
 P.O. Box 280
 Fort St. James, B.C.
 Phone 996-7208

No. of Departures	No. of Passengers	No. of hours flown
Lbs. cargo	Miles flown	Class of flying



THE BRITISH YUKON NAVIGATION CO., LTD.
 P.O. Box 4070 Whitehorse, Yukon
 510 W. Hastings St. Vancouver 2, B.C.

THIS IS YOUR INVOICE

DELIVERY INVOICE NO. 932414

STATION <i>May 10</i>	DATE <i>July 12</i>	1975
SHIPPED TO <i>Whitehorse</i>	TRUCK NO.	TRIP NO.

SOLD TO (PRINT) <i>AMAX</i>	3816425	AMAX	CUSTOMER'S ORDER OR REQ. NO.
ADDRESS <i>671</i>	WP. NO.	LOC. NO.	DELIVERED BY <i>F. Hall</i>

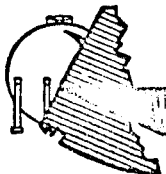
PRODUCTS DELIVERED	SIZE OF PACKAGE	CODE	QUANTITY	PRICE	AMOUNT
<i>kreosote</i>	<i>palet</i>		<i>1</i>	<i>6.87</i>	<i>6.87</i>

ADD & EXT CORRECT			
APPROVED		DATE	
PROJECT	ACCOUNT CLASS	SUB CLASS	AMOUNT
<i>671</i>	<i>8692</i>		<i>6.87</i>
<i>4540/1021'75</i>			

TAX (SPECIFY)	GALS. @	
PRODUCTS RECEIVED	RECEIVED PAYMENT	
BY <i>[Signature]</i>	CASH	
APPROVED	EXCH.	
CHECKED	TOTAL	
TERMS - NET CASH (NO DISCOUNT)		TOTAL <i>6.87</i>

FORM PET 855 65M 73

Dolores Cvk



THE BRITISH YUKON NAVIGATION CO., LTD.
 P.O. Box 4070 510 W. Hastings St.
 Whitehorse, Yukon Vancouver 2, B.C.

THIS IS YOUR INVOICE

DELIVERY INVOICE NO. 931997

STATION <i>Mayo</i>	DATE <i>June 22 1975</i>
SHIPPED TO	TRUCK NO.
	TRIP NO.

SOLD TO (PRINT) <i>Amal</i>	JUL 2 1975	CUSTOMER'S ORDER OR REQ. NO. <i>03964</i>
ADDRESS	WP. NO.	LOC.
		DELIVERED BY <i>Shotton</i>

PRODUCTS DELIVERED	SIZE OF PACKAGE	QUANTITY	PRICE	AMOUNT
<i>J.P. 4</i>	<i>3/4</i>	<i>135</i>	<i>759</i>	<i>102 47</i>
<i>fueling to float dock</i>		<i>3</i>	<i>1.00</i>	<i>3 00</i>

REC'D & EXT CORRECT

APPROVED _____ DATE _____

PROJECT	ACCOUNT CLASS	SUB CLASS	AMOUNT

RECEIVED PAYMENT

CASH	<i>671 8680</i>	<i>3.00</i>
CHEQUE	<i>671 8684</i>	<i>105.17</i>
EXCHANGE	<i>671 8681</i>	<i>75.00</i>
TOTAL		<i>183.17</i>

TAX (SPECIFY)	<i>135 GALS. @ 02</i>	<i>2 70</i>
PRODUCTS RECEIVED		
BY <i>[Signature]</i>		
APPROVED	CHECKED	
<i>4492</i>	<i>JUL 17 75</i>	
TOTAL	CASH (NO DISCOUNT)	TOTAL <i>183 17</i>

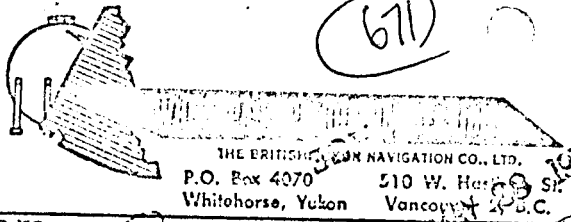
FORM PET 955 65M 73

Dolores Cuk

671

THIS IS YOUR INVOICE

DELIVERY INVOICE NO. 932026



THE BRITISH COLUMBIAN NAVIGATION CO., LTD.
P.O. Box 4070 510 W. Harbour St.
Whitehorse, Yukon Territory YC1A 2P6

STATION <i>Mayo</i>	DATE <i>May 2 1975</i>
SHIPPED TO	TRUCK NO.
	TRIP NO.

SOLD TO (PRINT) <i>Amex Exploration</i>	3964	CUSTOMER'S ORDER OR REQ. NO. <i>03964</i>
ADDRESS	WP. NO.	LOC.
		DELIVERED BY <i>J. Hutton</i>

PRODUCTS DELIVERED	SIZE OF PACKAGE	CODE	QUANTITY	PRICE	AMOUNT
<i>J.P. 4</i>	<i>5/16 1/2</i>		<i>225</i>	<i>759</i>	<i>170 78</i>
<i>raptha</i>	<i>3 p.c. 1</i>			<i>6.92</i>	<i>20 76</i>

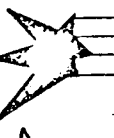
ADD & EXT-CORRECT-			
APPROVED		DATE	
PROJECT	ACCOUNT CLASS	SUB CLASS	AMOUNT
<i>671-8634</i>			<i>175.28</i>
<i>671-8689</i>			<i>125.00</i>
<i>671-8693</i>			<i>20.76</i>

TAX (SPECIFY)	RECEIVED BY <i>[Signature]</i>	225 GALS. @ 0.2	4.50
BY <i>[Signature]</i>	CASH	DRUM CHARGES <i>541.1</i>	<i>5.75</i>
APPROVED	CHEQUES <i>321.04</i>	DRUM CREDITS	<i>25.00</i>
CHECKED	EXCH.	TERMS - NET CASH (NO DISCOUNT)	TOTAL <i>321.04</i>
	TOTAL		

4418 JUN 9 '75

Dolores Cuk

T
N
T



TRANS NORTH TURBO AIR (1971) LTD.
BOX 4338, WHITEHORSE, YUKON
TELEPHONE (403) 668-5111 • TELEX 036-8-290

ACCOUNT NUMBER	60
10273	
INVOICE DATE	217/5/16/75
A/C TYPE	DHC-3
AIRCRAFT REGISTRATION	FSUB
FLIGHT DATE	240675
PURCHASE ORDER NO.	671

CHARTERER
ANAX Northwest Mining

BILLING ADDRESS
601 JUNE 25 1975 Thurlow St
Vancouver B.C.

FUEL & OIL TMTA CUST. FROM
NEW USER OFFICE 46 MA

FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS. - FREIGHT LBS.
MA:O				
PINGUICULA LK	110			GROC & FUEL
N. PALMER LK	136			-
PINGUICULA LK	136			GMP MOVE
MA	110			EMPTIES

ADD & EXT. CORRECT			
PROJECT	ACCOUNT CLASS	SUB CLASS	AMOUNT
671	8684		762.60

50% applicable to DeLone's Cite

SUB	G.L.	AMOUNT	DATE
313156	6012	762.60	JUL 9 '75
		492	
		1.55	
		762.60	

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

[Signature]
CHARTERER'S SIGNATURE

[Signature]
PILOT'S SIGNATURE

C. TINGLEY
ENGINEER'S NAME

WAITING TIME	e	/HR.
FUEL:	e	/GAL.
FUEL:	e	/GAL.
MEALS & LODGING		
OTHER		
OTHER		

TOTAL \$ 762.60

INVOICE

V/A
A

TRANS NORTH TURBO AIR (1971) LTD.
 BOX 4338, WHITEHORSE, YUKON

TELEPHONE (403) 668-2177 • TELEX 036-8-290

AMAX Exploration, Inc.
~~AMAX NORTHWEST MINING~~

CHARTERER
 601-535 THURLOW STREET

BILLING ADDRESS
 VANCOUVER, BC

FUEL & OIL-X TNTA L.CUST.	TNTA FUEL USED	HRS. GALS.	FROM
<input checked="" type="checkbox"/>		20	MA.

ACCOUNT NUMBER	60
6686	
INVOICE DATE	05/05/75
A/C TYPE	DHC-3
AIRCRAFT REGISTRATION C	FSUB
FLIGHT DATE	02/05/75
PURCHASE ORDER NO.	

FROM	MILES	HOURS	ZONE	FREIGHT LBS.	NO. OF PASS. - REMARKS
MA MAYO					
TO PINGUICULA LK	110			FUEL	HAUL
MAYO	110				

50% applicable to Delores Ck.

Project Number	Group Code	Activity Code	Account Class.	Sub Class.	Amount

SUB	G.L.	AMOUNT
335	602	341.00

220 @ 1.55 341.00 ✓

TERMS: ONE PERCENT INTEREST PER MONTH WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

APPROVED	DATE
PROJECT	ACCOUNT CLASS.
671	8684
OTHER	AMOUNT
	341.00

CHARTERER'S SIGNATURE

PILOT'S SIGNATURE

LINGLEY
 ENGINEER'S NAME

Tony Hitchm's

4366 MAY 15 1975

\$ 341.00 ✓

INVOICE

A.C. HITCHINS

VANCOUVER

15 MAY 27 0700

USED

Good for Passage
Coupon de vol
Valable pour transport

WHITEHORSE

For Airline Use Only / Réserve au transporteur

Account / Compte

Non Refundable / Non remboursable

Baggage
Unck'd Wt Pcs in enr
Excess Excedent

4449 JUN 24 '75

21.00
5.00
106.00

1 018 40800(91249) 0

010270

Ticket and Baggage Subject to Conditions Section Page 2
Billet de passage et contenu de bagages soumis aux conditions de la page 2

Issued by / Émis par: CP Air

Origin / Origine: [Blank]

Passenger / Passager: HITCHINS / I

Date: 19 SEP 75

Carrier: 11

From: WHITEHORSE

To: VANCOUVER

Class: CP

Rate: 1000 A

Form of Payment: CASH

Stamp: OCT 2 Rec'd

CPA 71-9 902 WHITEHORSE, C AP-1M

31 Agent

671

018 4100 9022

MR J MORTENSEN

VANCOUVER

15 MAY 27 0700

USED

Flight Coupon
Good for Passage
Coupon de vol
Valable pour transport

WHITEHORSE

For Airline Use Only / Réserve au transporteur

Account / Compte

Non Refundable / Non remboursable

Baggage
Unck'd Wt Pcs in enr
Excess Excedent

4449 JUN 24 '75

21.00
5.00
106.00

1 018 40800(91247) 5

010270

J. MORTENSEN

WHITEHORSE

16 / 1000
AUG 28/75

USED X Y

Flight Coupon
Good for Passage
Coupon de vol
Valable pour transport

VANCOUVER

For Airline Use Only / Réserve au transporteur

Account / Compte

Non Refundable / Non remboursable

Baggage
Unck'd Wt Pcs in enr
Excess Excedent

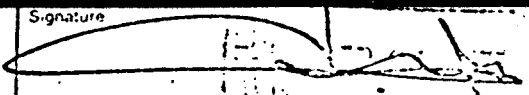
107 CAD

1 018 4080103808) 1

010270

50

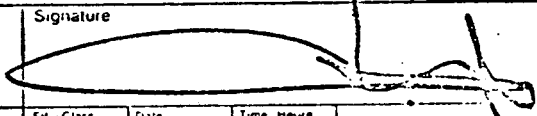
13966 SEP 24 '75

Passenger Name / Nom du passager en capitales L. PENCO		Signature 		Flight Coupon Good for Passage Coupon de vol Valable pour transport													
From / De WHITEHORSE		To / À VANCOUVER		<table border="1"> <tr> <td>16</td> <td>Y</td> <td>0183078/75</td> <td>000201</td> </tr> </table>		16	Y	0183078/75	000201								
16	Y	0183078/75	000201														
<table border="1"> <tr> <td>Excess Exceeded</td> <td>Unit</td> <td>Arrive</td> </tr> <tr> <td>Total</td> <td></td> <td></td> </tr> </table>		Excess Exceeded	Unit	Arrive	Total			<table border="1"> <tr> <td>Form & Serial Number</td> <td>Ca</td> </tr> <tr> <td>1 018 4080103807 0</td> <td>□</td> </tr> </table>		Form & Serial Number	Ca	1 018 4080103807 0	□	<table border="1"> <tr> <td>CP Air</td> <td>01840801091248</td> </tr> </table>		CP Air	01840801091248
Excess Exceeded	Unit	Arrive															
Total																	
Form & Serial Number	Ca																
1 018 4080103807 0	□																
CP Air	01840801091248																

U-Ticket Issued By / Émis par **CP Air** 01840801091248

BILLET DE PASSAGE ET BULLETIN DE BAGAGES. SOUMIS AUX CONDITIONS DE LA PAGE (3)
 BILLET DE PASSAGE ET BULLETIN DE BAGAGES. SOUMIS AUX CONDITIONS DE LA PAGE (3)


COMPLETE YOUR OWN TICKET / À REMPLIR
 PASSER COMPLETES WHITE AREA ONLY / LE PASSAGER NE REMPLIT QUE LA CASE EN BLANC

Passenger Name / Nom du passager en capitales MR. L. PENCO		Signature 		Flight Coupon Good for Passage Coupon de vol Valable pour transport													
From / De VANCOUVER		To / À WHITEHORSE		<table border="1"> <tr> <td>15</td> <td>MAY 27</td> <td>0700</td> <td>CP</td> </tr> </table>		15	MAY 27	0700	CP								
15	MAY 27	0700	CP														
<table border="1"> <tr> <td>Excess Exceeded</td> <td>Unit</td> <td>Arrive</td> </tr> <tr> <td>Total</td> <td></td> <td></td> </tr> </table>		Excess Exceeded	Unit	Arrive	Total			<table border="1"> <tr> <td>Form & Serial Number</td> <td>Ca</td> </tr> <tr> <td>1 018 4080091248 6</td> <td>□</td> </tr> </table>		Form & Serial Number	Ca	1 018 4080091248 6	□	<table border="1"> <tr> <td>CP Air</td> <td>01840801091248</td> </tr> </table>		CP Air	01840801091248
Excess Exceeded	Unit	Arrive															
Total																	
Form & Serial Number	Ca																
1 018 4080091248 6	□																
CP Air	01840801091248																

U-Ticket Issued By / Émis par **CP Air** 01840801091248

BILLET DE PASSAGE ET BULLETIN DE BAGAGES. SOUMIS AUX CONDITIONS DE LA PAGE (3)
 BILLET DE PASSAGE ET BULLETIN DE BAGAGES. SOUMIS AUX CONDITIONS DE LA PAGE (3)

COMPLETE YOUR OWN TICKET / À REMPLIR
 PASSER COMPLETES WHITE AREA ONLY / LE PASSAGER NE REMPLIT QUE LA CASE EN BLANC

Passenger Name / Nom du passager en capitales MR J AASEN		Signature 		Flight Coupon Good for Passage Coupon de vol Valable pour transport													
From / De VANCOUVER		To / À WHITEHORSE		<table border="1"> <tr> <td>15</td> <td>MAY 27</td> <td>0700</td> <td>CP</td> </tr> </table>		15	MAY 27	0700	CP								
15	MAY 27	0700	CP														
<table border="1"> <tr> <td>Excess Exceeded</td> <td>Unit</td> <td>Arrive</td> </tr> <tr> <td>Total</td> <td></td> <td></td> </tr> </table>		Excess Exceeded	Unit	Arrive	Total			<table border="1"> <tr> <td>Form & Serial Number</td> <td>Ca</td> </tr> <tr> <td>1 018 4080091246 4</td> <td>□</td> </tr> </table>		Form & Serial Number	Ca	1 018 4080091246 4	□	<table border="1"> <tr> <td>CP Air</td> <td>01840801091248</td> </tr> </table>		CP Air	01840801091248
Excess Exceeded	Unit	Arrive															
Total																	
Form & Serial Number	Ca																
1 018 4080091246 4	□																
CP Air	01840801091248																

U-Ticket Issued By / Émis par **CP Air** 01840801091248

BILLET DE PASSAGE ET BULLETIN DE BAGAGES. SOUMIS AUX CONDITIONS DE LA PAGE (3)
 BILLET DE PASSAGE ET BULLETIN DE BAGAGES. SOUMIS AUX CONDITIONS DE LA PAGE (3)

COMPLETE YOUR OWN TICKET / À REMPLIR
 PASSER COMPLETES WHITE AREA ONLY / LE PASSAGER NE REMPLIT QUE LA CASE EN BLANC

Rossbacher Laboratory

GEOCHEMICAL ANALYSTS & ASSAYERS

CANADA
TELEPHONE 793-0910
AREA CODE: 604

AMAX EXPLORATION INC.

601-535 Thurlow Street

Vancouver, B.C.

re. project # 671, order # 2204

DATE Aug. 12, 1975

INVOICE NO. 5068

CERTIFICATE NO. 5054

ITEM	DESCRIPTION	SUB-TOTAL	TOTAL														
20 ✓	Assays for Cu @ \$ 3.50	\$ 70.00 ✓															
20 ✓	Assays for Zn 5.00	100.00 ✓															
20 ✓	Assays for Pb 5.00	100.00 ✓															
20 ✓	Assays for Ag 4.00	80.00 ✓															
<table border="1"><tr><td colspan="2">ADD & EXT CORRECT</td><td>DATE</td></tr><tr><td colspan="2">APPROVED</td><td></td></tr><tr><td>PROJECT</td><td>ACCOUNT CLASS</td><td>SUB CLASS</td><td>AMOUNT</td></tr><tr><td>671</td><td>8691</td><td></td><td>350.00</td></tr></table>		ADD & EXT CORRECT		DATE	APPROVED			PROJECT	ACCOUNT CLASS	SUB CLASS	AMOUNT	671	8691		350.00		
ADD & EXT CORRECT		DATE															
APPROVED																	
PROJECT	ACCOUNT CLASS	SUB CLASS	AMOUNT														
671	8691		350.00														
			\$ <u>350.00</u> ✓														

4547 AUG 21 '75

TERMS - NET 30 DAYS

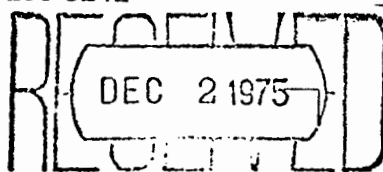
ACME ANALYTICAL LABORATORIES LTD.

6455 LAUREL STREET., BURNABY, B.C. V5B 3B4

PHONE: 299-5242

Nov. 6, 1975

File 4468



Amax Exploration Inc.,
535 Thurlow St.,
Vancouver, B. C.

TERMS:
NET TWO WEEKS INTEREST AT
1% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

Attention - Mr. Jan Aisen

Project #671

NO.	ASSAY	PRICE	AMOUNT
3	Pb, Zn, and Ag assays @	\$9.50	\$ 28.50

SHIPPING CHARGES:

4639 DEC - 2 '75

PLEASE PAY LAST AMOUNT

CONTRACTOR'S INVOICES - Period August 16 - 21, 1975

NORTHERN MOUNTAIN HELICOPTERS INC. 411 CHARTER AND CONTRACT TICKET

Charge <i>AMAX</i>		Date <i>AUG 16/75</i>	
		SEP 4 1975 P.O.	
Pilot <i>K KNIGHT</i>	Base <i>VZ</i>	Cash	Cheque Charge
A/C Type <i>206</i>	CF <i>NM17</i>	Area <i>PINGSUICUKA</i>	

From <i>MAYO</i>	To (1) <i>PINGSUICUKA LK AREA</i>
To (2) <i>MAYO</i>	To (3)
To (4)	To (5)
To (6)	To (7)
To (8)	To (9)
To (10)	To (11)

Charter Rate <i>2.9</i> Hours at \$ <i>300⁰⁰ + FUEL</i>	\$ <i>870</i> <i>00</i>	<input checked="" type="checkbox"/>
Contract Rate Hours at \$		
Fuel Charge <i>45 GAL @ 80¢/GAL</i>	<i>36</i> <i>00</i>	<input checked="" type="checkbox"/>
Pilot Expenses		
Other		

I personally guarantee payment of this charter.
 Authorized by: *J.R. Olson* TOTAL CHGE. *906* *00*

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby assigned to the Passenger's Signature.

1. <i>Jan</i>	APPROVED	DATE
2. <i>Jim Moore</i>	Project Number	Group Code
3.	Activity Code	Account Class
4.		Sub Class
5.	<i>671</i>	<i>-</i>
6.	<i>11</i>	<i>8684</i>
		<i>906.00</i>

No 0587

MAIN BASE
 P.O. Box 368
 Prince George, B.C.
 Phone 963-9622
 Telex 047-8027

2 BASE
 P.O. Box 280
 Fort St. James, B.C.
 Phone 996-7208

No. of Departures *4* No. of Passengers *2* No. of hours flown *2.9*

<i>4</i>	<i>2</i>	<i>2.9</i>	Base or designated Pt. <i>MAYO</i>
	Lbs. cargo	Miles flown	Class of flying <i>4</i>

PACIFIC SURVEY CORPORATION

INVOICE

Formerly

LOCKWOOD SURVEY CORPORATION LTD.

1409 WEST PENDER STREET VANCOUVER, B. C., CANADA V6B 2S4 TELEPHONE 683-6501

Amaz Exploration Inc.,
535 Thurlow Street,
Vancouver, B.C.

AMAX

JUL 2 1975

VANCOUVER OFFICE

INVOICE NO.

9093

DATE

27 June 1975

YOUR ORDER NO.

2126

JOB NO.

75-43

PACKING SLIP NO.

SHIPPED VIA

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
	<p>TO: Completion:</p> <p>1. Topographic mapping in pencil manuscript form of the following areas at a scale of 1-inch equals 1000 feet with 100 foot contours:</p> <ul style="list-style-type: none"> a) Sekwi Brook, N.W.T. b) Doll Creek (N), Y.T. c) Divide, Y.T. d) Dolores Creek, Y.T. e) Mt. Profeit, Y.T. <p>as per packing slips 8367, 83333: Lump sum</p> <p>2. 3 orthophotos of the following areas at a scale of 1-inch equals 400 feet:</p> <ul style="list-style-type: none"> a) Sekwi at 1-inch equals 400 feet b) Doll Creek (N) at 1-inch equals 1000 feet c) Doll Creek (S) at 1-inch equals 400 feet d) Divide at 1-inch equals 400 feet e) Dolores Creek at 1-inch equals 400 feet <p>including one set of KP5 prints of each: Lump sum 5% Provincial Sales Tax</p>	<p>\$1,130.00</p> <p><u>56.50</u> ✓</p> <p>/over to page 2</p>	<p>\$4,070.00</p> <p>1,186.50 ✓</p>
<p>TERMS: NET CASH. INTEREST CHARGED ON OVERDUE ACCOUNTS</p>			

PACIFIC SURVEY CORPORATION

INVOICE

Formerly

LOCKWOOD SURVEY CORPORATION LTD.

1409 WEST PENDER STREET VANCOUVER, B. C., CANADA V6B 2S4 TELEPHONE 683-6501

Amax Exploration Inc.,
535 Thurlow Street,
Vancouver, B.C.

AMAX
JUL 2 1975
VANCOUVER OFFICE

INVOICE No. 9093 Page 2
DATE 27 June 1975
YOUR ORDER NO. 2126
JOB NO. 75-43
PACKING SLIP NO.
SHIPPED VIA

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL																
3.	Two additional sets of KP5 prints of each of (a), (b), (c), (d), (e) and Four additional sets of KP5 prints of (e): as per packing slips 8417, 8384, 8372 Lump sum 12% Federal Sales Tax 5% Provincial Sales Tax	\$680.00 <u>81.60</u> ✓ \$761.60 ✓ <u>38.08</u> ✓	<u>799.68</u> ✓ <u>\$6,056.18</u> ✓																
<table border="1"> <tr> <td colspan="4">ADD & EXT - CORRECT</td> </tr> <tr> <td colspan="2">APPROVED</td> <td colspan="2">DATE</td> </tr> <tr> <td>PROJECT</td> <td>ACCOUNT CLASS</td> <td>SUB CLASS</td> <td>AMOUNT</td> </tr> <tr> <td>671</td> <td>8626</td> <td></td> <td>6056.18</td> </tr> </table>				ADD & EXT - CORRECT				APPROVED		DATE		PROJECT	ACCOUNT CLASS	SUB CLASS	AMOUNT	671	8626		6056.18
ADD & EXT - CORRECT																			
APPROVED		DATE																	
PROJECT	ACCOUNT CLASS	SUB CLASS	AMOUNT																
671	8626		6056.18																
<p>4470 JUL 4 '75</p>																			
<p>only \$ 1422.00 applicable to Debra's Ck.</p>																			
<p>TERMS: NET CASH. INTEREST CHARGED ON OVERDUE ACCOUNTS</p>																			

RECEIVED BY _____

APPENDIX II

STATEMENT OF QUALIFICATIONS

- A.C. Hitchins** BAsc. Geological Engineering, Univeristy of Toronto, 1970, M.Sc. Geology, University of Toronto, 1973
Experience includes; geological assistant with AMAX Minerals Exploration 1968-1969, geologist with AMAX Minerals Exploration 1970 to present.
- J.B. Alsen** B.Sc. Honour Geology, University of British Columbia, 1975
Experience includes; student summer employment with Texas Gulf Sulfur Co. 1968, Canex Placer Ltd. 1969-1970, Junior for Archer, Cathro & Associates, 1971, Senior for Amoco Canada Petroleum Co. Ltd. 1972, senior for Imperial Oil Ltd. 1973-1974
Currently geologist with AMAX Minerals Exploration
- L.V. Penco** BAsc. Geological Engineering, University of British Columbia, expected 1976.
Experience includes; geologist assistant for Pechiney Development Co. 1970, prospecting for Newmont Company of Canada Ltd. 1971, assayer for Granduc Operating Co. 1972, junior for AMAX Minerals Exploration 1974-1975.
Currently enrolled at U.B.C. for final year.
- J.K. Mortensen** BAsc. Geological Engineering, University of British Columbia, expected 1977.
Experience includes; student employment with Conwest Exploration in 1972, warehouseman with Climax Molybdenum (B.C.) Ltd. in 1973, drillers helper for Connors Drilling 1973, geological assistant for AMAX Minerals Exploration 1974-1975.
Currently enrolled at U.B.C.

APPENDIX III - LIST OF CLAIMS

<u>Name</u>	<u>Grant Number</u>	<u>Anniversary Date</u>
DTG 1	Y95509	August 9, 1977
3	Y95511	"
5	Y95513	"
7	Y95515	"
9	Y95517	"
11	Y95519	"
13	Y95521	"
15	Y95523	"
17	Y95525	"
19	Y95527	"
21	Y95529	"
37-58 incl.	Y95545-Y95566 incl.	"
73-94 incl.	Y95581-Y95602 incl.	"
109-130 incl.	Y95617-Y95638 incl.	"

MAYO MINING DIVISION

APPENDIX IV

ASSAY AND GEOCHEMICAL DATA

<u>Sample Number</u>	<u>% Zn</u>	<u>% Pb</u>	<u>% Cu</u>	<u>oz/T Ag</u>	<u>Length (Feet)</u>
<u>1975</u>					
53902	0.14	0.05	0.01	0.06	8
53903	0.10	0.02	0.01	0.04	12
53904	0.18	0.07	0.01	0.04	20
53905	0.66	0.18	0.01	0.08	20
53906	1.74	0.24	0.01	0.16	20
53907	1.28	0.18	0.01	0.08	30
53908	1.30	0.30	0.01	0.12	15
53909	0.30	0.02	0.01	0.04	10
53910	0.14	0.02	0.01	0.04	10
53911	0.08	0.02	0.01	0.02	20
53912	0.36	0.16	0.01	0.04	8
53913	0.04	0.02	0.01	0.04	13
53914	0.38	0.10	0.01	0.01	6
53915	0.10	0.02	0.01	0.02	20
53916	0.12	0.02	0.01	0.04	28
53917	0.20	0.02	0.01	0.04	8
53918	0.38	0.02	0.01	0.02	12
53919	0.06	0.02	0.01	0.02	20
53920	0.06	0.02	0.01	0.02	12
53921	0.04	0.02	1.34	0.44	0.5

1974

52119	5.20	0.96	-	0.33	5
52120	2.22	0.48	-	0.16	15
52121	2.22	0.32	-	0.14	10
52122	4.60	0.66	-	0.19	12
52123	3.60	0.84	-	0.19	15

AMAX EXPLORATION INC. ANALYTICAL REPORT

Order # 2201 BURNABY LABORATORY - 2225 SPRINGER AVE. - BURNABY 2, B.C.

DATE July 28, 75
 PROJECT 671
 REQUESTED BY T. HITCHINS

TYPE SAMPLES Soil / S&T / Rock
 LOCATION YUKON
 DISPOSITION OF REJECTS _____

No.	Sample	pH	Mo	Cu	Ni	Co	Mn	Fe	As	Zn	Pb		No.
01	SNPL 46		1	48	48	34	1040	3.0	1.6	1200	400		01
02	47		1	40	48	34	1280	2.4	1.8	490	248		02
03													03
04													04
05	SNPL 30		1	38	40	30	1480	3.2	1.0	470	260		05
06	31		1	52	40	26	1360	2.8	1.6	550	216		06
07													07
08													08
09	SNPL 12		1	48	100	48	1800	6.8	8.0	16,800	1900		09
10	T 13		1	28	78	32	1480	1.8	2.4	8,000	410		10
11	S 14		1	86	78	46	960	5.5	5.0	24,400	7400		11
12	15		1	68	60	40	1360	3.6	2.6	6900	1400		12
13	16		1	64	68	40	640	6.6	3.6	6400	30		13
14													14
15													15
16	SNAT 34		6	1400	30	28	520	0.6	1.0	4,000	64		16
17	35		6	120	40	44	7200	4.7	0.8	24	20		17
18	36		2	36	40	58	2760	4.4	0.6	12	22		18
19	37		2	>10,000	32	56	4,800	3.2	1.2	10	24		19
20	38		4	72	84	900	1,000	>10.0	0.8	32	26		20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
32													32
33													33
34													34
35													35
36													36
37													37
38													38
39													39
40													40

COMMENT:

DATE SAMPLES RECEIVED _____
 DATE REPORTS MAILED _____
 ANALYST _____



BONNET PLUME MOUND CARBONATE UNITS

LOWER CAMBRIAN

- Es 1. Brown and orange weathering dolomite, limestone and shale.
- Ec 2. Buff yellow weathering porous dolomite.
- 1. Grey weathering pisolitic dolomite.

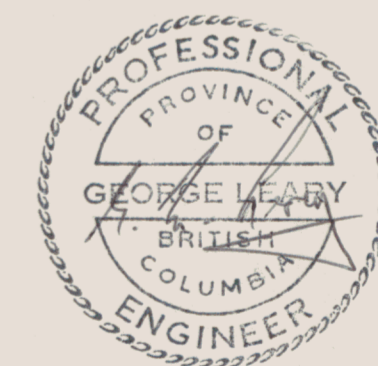
UPPER HADRYNIAN

- Hd 2. Porous light grey weathering dolomite.
- 1. Grey weathering dolomite; Hcgl basal conglomerate.
- Hc 2. Grey weathering massive dolomite and limestone.
- 1. Orange weathering banded dolomite and limestone.

SYMBOLS

- Limit of mapping and/or outcrop.
- Geological contact.
- Fault.
- Synclinal fold axis.
- Outline of claims held by AMAX.

NOTE —
After Geological Survey of Canada Open File Publication No. 205, modified.

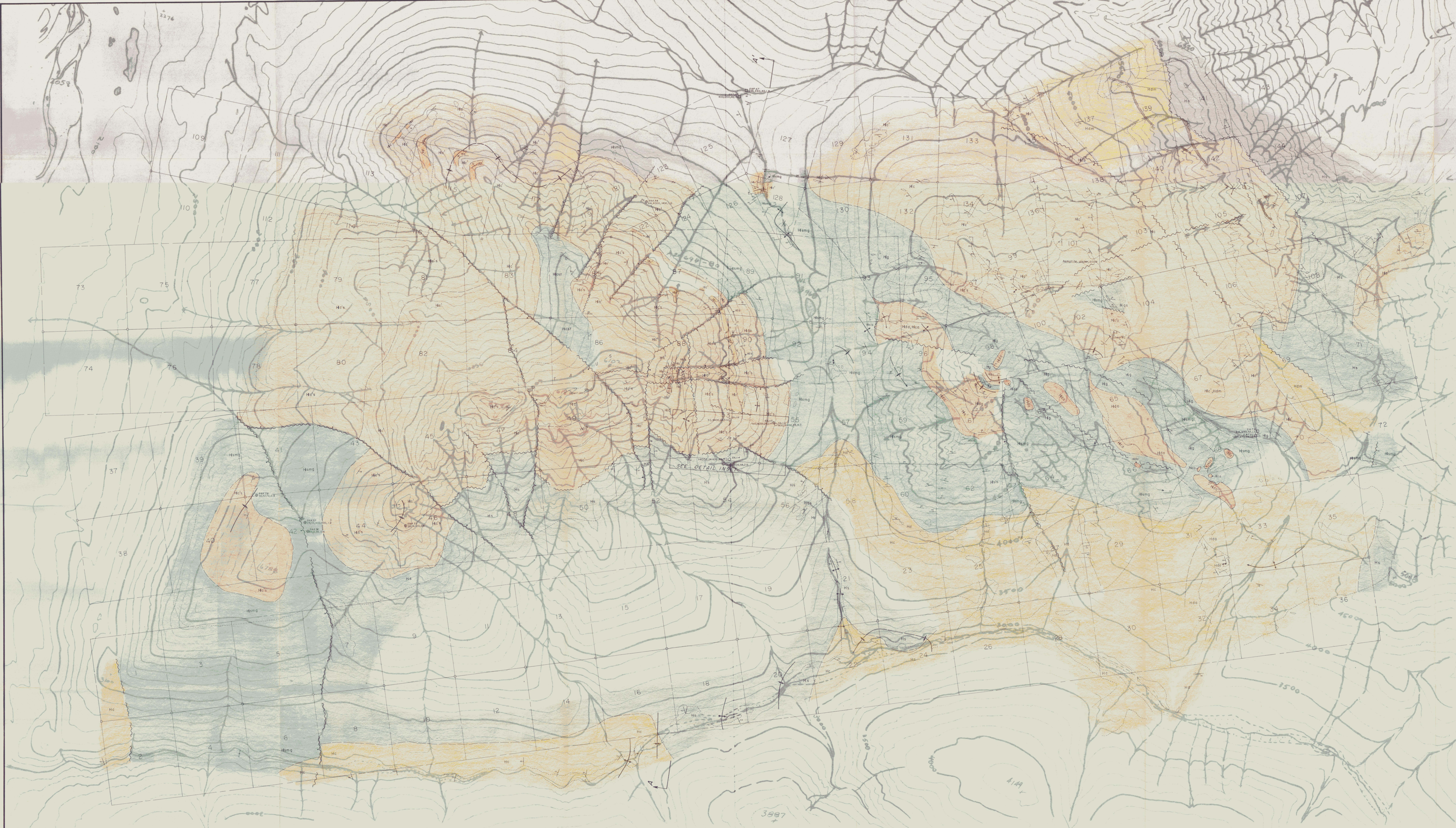


AMAX EXPLORATION INC.

DOLORES CREEK PROPERTY
MAYO MINING DISTRICT — YUKON
REGIONAL GEOLOGY

SCALE 1 : 250,000 MILES

To accompany "1975 GEOLOGICAL REPORT ON THE DOLORES CREEK PROPERTY" by A. C. Hitchins and J. B. Alsen, supervised by G. M. Leary

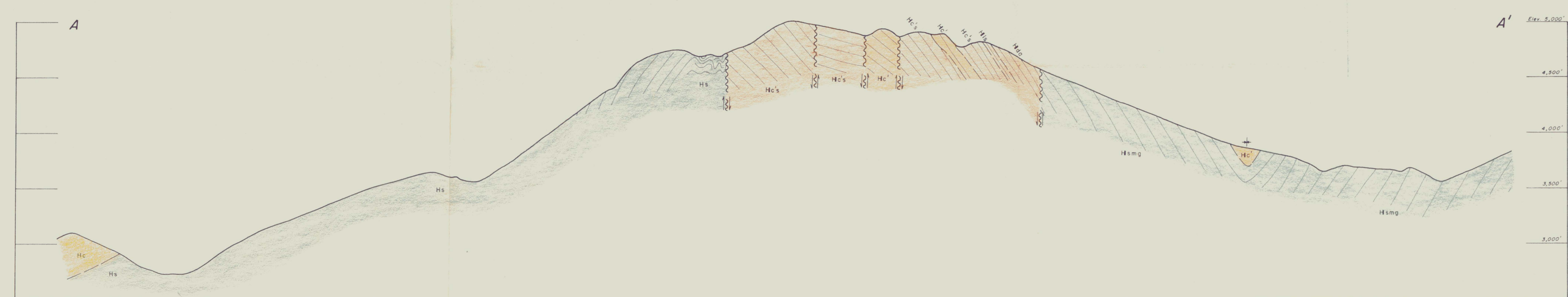


LEGEND

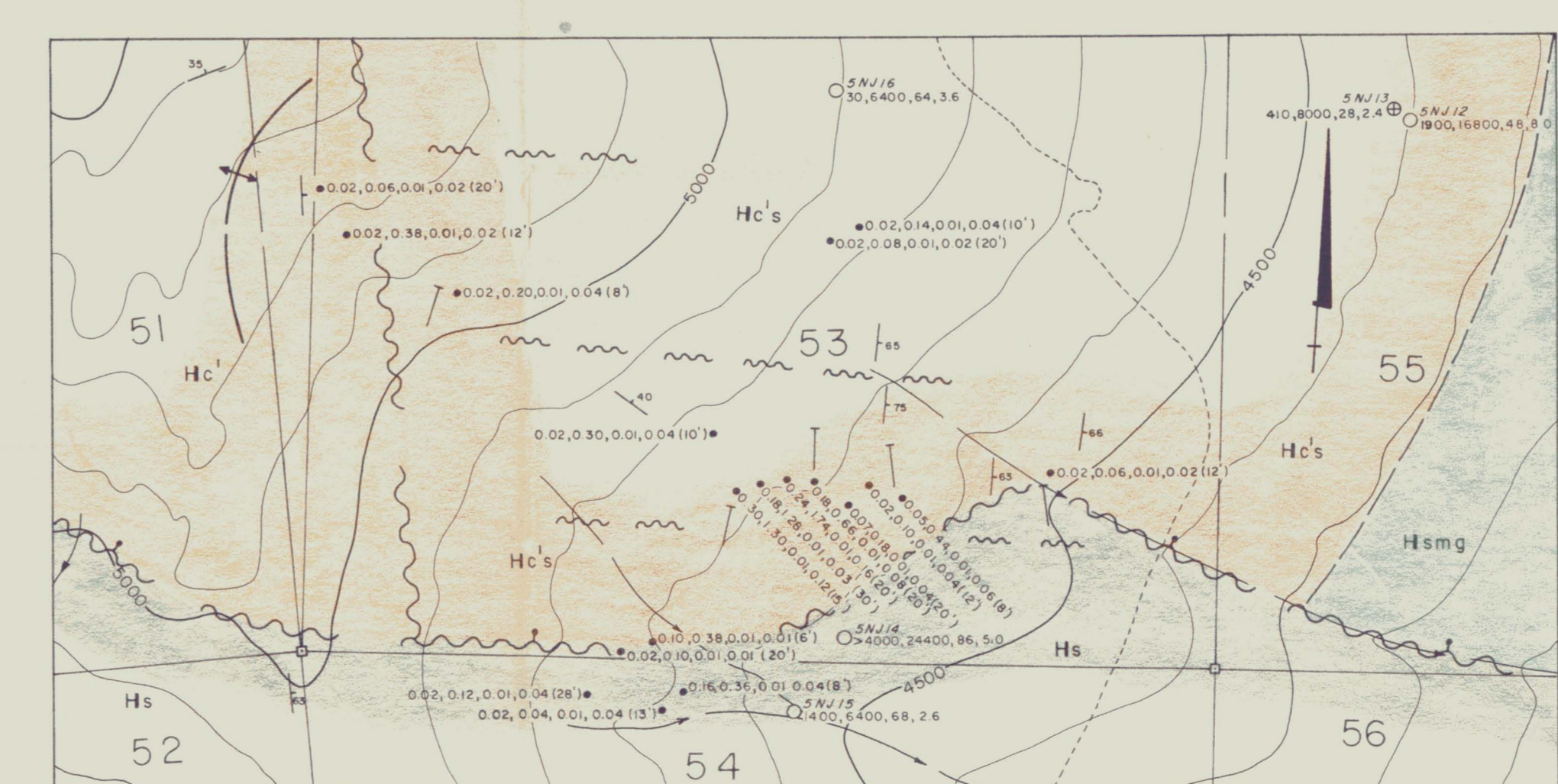
UNIT	DESCRIPTION
Basic dykes	Basic dykes
UPPER HADRYNIAN	
Hc ¹	Massive stromatolitic, orange weathering, gray dolomite
Hc ²	Calcareous, shaly siltstone
Hc ³	Gray to light orange weathering, medium gray, platy dolomite with shaly partings, Hc ³ minor beds of limestone (lenses?), Hc ³ arenaceous dolomite, Hc ³ calcareous arenite, Hc ³ calcitic horizons and mass Hc ³ black slate
Hc ⁴	Greenish, fine grained dolomite and silty dolomite which is extremely sheared
Hc ⁵	Maroon, green and gray slate, siltstone, quartzite and minor Hc ⁵ conglomerate and limestone
HELIKIAN	
Hs	Black slate, Hs rusty to black quartzite
Hd	Argillaceous dolomite
Hc	Buff-white crystalline dolomite with minor Hc ¹ lim stone, Hc ² arenaceous dolomite and Hc ³ light orange weathering, light gray dolomite

SYMBOLS

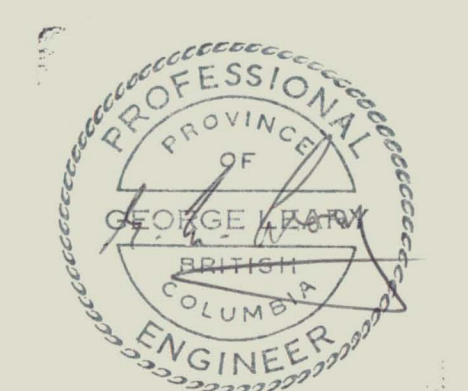
	Limit of outcrop
	Geological contact
	Fault or shear showing dip and down thrown side
	Bedding attitude (horizontal, vertical, inclined)
	Top of beds
	Jointing attitude (inclined, vertical)
	Lineation
	Anticlinal fold axis showing plunge
	Synclinal fold axis showing plunge
	Soil sample site, sample number, ppm Pb, Zn, Cu, Ag
	Silt sample site, sample number, ppm Pb, Zn, Cu, Ag
	Rock chip sample site, sample number, ppm Pb, Zn, Cu, Ag
	Selected chert sample site, % Pb, % Zn, % Cu, carbon Ag (ppm) Plan projection of samples taken obliquely to bedding plane surface
	Claim post, claim location line
	Claim boundary
	Stream
	Topographic contour (contour interval 100')



CROSS SECTION
LOOKING WEST



DETAIL INSET
SAMPLING



AMAX EXPLORATION INC.
DOLORES CREEK PROPERTY
MAYO MINING DISTRICT YUKON
DTG CLAIMS
GEOLOGICAL MAP

SCALE: 1" = 1000' FEET
1:50,000 METERS

FIG. 5

To accompany 1974 GEOLOGICAL REPORT ON THE DOLORES CREEK PROPERTY by J. B. Aiken supervised by G. M. Leary