# 5121

REPORT ON

DIAMOND DRILLING PROGRAM

DELLA # 5 Group

MOUNT HASKIN PROPERTY

DELLA MINES LTD.

LIARD MINING DIVISION

MINERAL CLAIM MAP 104 P / 5 E, 6 W

LAT. 59° 20' N, LONG. 129° 30'W

JULY 16 - AUGUST 7, 1974

GEO. L. LAMONT, P. ENG.

104P/6W

Department of

Mines and Petroleum Resources

ASSESSAL T RIPORT

No 5121

1.1. 2

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#### DELLA MINES LTD. (N.P.L.)

Report to: Andrew Robertson, President

from: Geo. L. Lamont, Geologist

Subject: SURFACE EXPLORATION, COBRA ZONE,

MOUNT HASKIN PROPERTY, CASSIAR AREA, B.C.

#### INTRODUCTION

Exploration of the Mount Haskin property of Della Mines Ltd. during the 1974 field season, consisted of a preliminary program of diamond drilling to investigate the Cobra Zone. Previous sampling of old pits had revealed interesting values, particularly in zinc. Prior to staking of Tibor #1 and #2, and Pac #2 and #3 in September and October 1973, the area of the Cobra Zone had been held by Fort Reliance Minerals Limited of Vancouver. There is no record of previous drilling having been carried out on this zone.

The drilling program of 1974 was scheduled to start on

July 16th, but owing to a period of heavy rains which washed out bridges,

the arrival of the drilling equipment and crew was delayed, and actual

drilling did not commence until July 29th. The program of 4 holes was

completed on August 4th for a total of 450 feet of core, and the equipment

was moved off the property on August 7th, 1974. The drilling was

contracted to R. F. Fry and Associates of Surrey B.C. Their crew

consisted of one driller and a helper, working a 10 to 12 hour daily

shift.

The program was planned and supervised by the writer, assisted by T. Szmandra of Burnaby B.C. Ground transportation for

company personnel was provided by a Chevrolet 4 x 4, 3/4 ton Chevrolet pick-up, rented from Tilden Rent-a-car at Watson Lake. Room and board was provided by Grant Stewart Construction Co. at Cassiar B.C.

#### PROPERTY, LOCATION AND ACCESS

The Mount Haskin property is located in the Liard Mining
Division, about 16 miles east of Cassiar townsite and 5 miles north of
the Cassiar-Watson Lake highway, figure 2 enclosed. Access from the
highway to the property is by tote road suitable to 4 wheel drive vehicles.
The property comprises 105 full claims and fractions, divided into 3
groups. The work area on Tibor #1 is located in Della #5 Group as shown
on the Index Map, figure #3. This group consists of 36 contiguous full
claims and fractions as follows:

Claim Numbers	Record Numbers
Tibor #1, 2	70257, 70258
Pac #2, 3	70753, 70754
Dako #2 - 9	31533 - 31540
Dako #27	31558
Dako #32 - 34	31950 - 31952
Dako #111 Fr.	39321
Dako #291 Fr.	39322
Dako #301 Fr.	39323
Dave #1 Fr., 2 Fr.	38123, 38124
Dave #5 Fr 10 Fr.	38706 - 38711
Dave #16 Fr., 17 Fr.	38727, 38728
Andy #2, 3	31453, 31454
SS #3 Fr., 4 Fr.	39319, 39320
A.G. Mamba #1, 2, 3 Fr.	36225 - 36227

#### DRILLING PROGRAM

The diamond drilling program consisted of 4 holes drilled from 2 sites, as laid out on the Work Area Plan, figure #4. The drill hole numbers run consecutively with those of surface holes drilled previously on this property. The drill sites were surveyed by chain and compass and tied into the #1 post of A.G. Mamba #3 Fr., which post had previously been tied into the #2 post of Tibor #1 and the original property survey conducted in 1969 by McElhanney Surveying and Engineering Ltd. of Vancouver, presented herewith as the Index Map figure #3. Surface mapping of the Cobra Zone indicated a strike of approximately N60° W and a dip of from 40 to 45° to the south west. Hence drill holes were located and directed towards intersecting the mineralized zone at approximately 90° to its strike, and at a vertical depth of 50 to 100 feet. A total of 450 feet of B.Q. wireline (1 7/16" diameter) core were cut, and recovery is estimated to exceed 95%. The drill hole data is as follows:

H	0	16	No.	C	0-0	rds		Elev.	В	earin	ng	Dip	Depth
Н		-	52	11815'	N	24085'	E	5030'	N	30°	E	-45°	113'
Н		-	53	11815'	N	24085'	E	5030'	N	30°	E	-70°	106'
Н		-	54	11936'	N	23927'	E	5002	N	25°	E	-45°	131'
Н		-	55	11936'	N	23927	E	5002'	N	25°	E	-70°	100'

Heavy fracturing and rubbly breccia and occasional mud seams were encountered in all four drill holes. Core recovery however was excellent and serious hole conditions were met with in the last hole only. At a depth of 93 feet in H - 55, 4 feet of core was completely lost, and through the next 3 feet, circulation of the drilling fluid was repeatedly cut-off. Since the main zone of mineralization appeared to have been penetrated, the decision was made to terminate the hole rather than risk losing equipment.

Permafrost was encountered during the first day's drilling of the initial hole. Thereafter the rods and bit were pulled following completion of each shift.

#### GEOLOGY AND MINERALOGY

respectively, indicate the geology encountered. The holes were collared in the hangingwall limestone, and terminated in the footwall argillites. The skarn zone is poorly developed and occurs as two irregular bands interfingered with stringers of argillite; the upper band, varying from 6 to 25 feet wide, at the base of the limestone; the lower band, from 3 to 12 feet wide, well within the argillite zone. The lower zone was not penetrated in H - 55 owing to mudding problems and premature abandonment of the hole. Within the upper skarn of hole H - 53, a 5 foot dyke of syenite was penetrated and which was not observed in any of the other drill holes.

Owing to the relatively shallow depths of drilling and the sharp topography of the immediate area, weathered open fracturing was encountered throughout the drilled sections. Brecciation and faulting were prominent structural features particularly in hole H - 54 and H - 55. Severe rubble and mudding problems ultimately resulted in terminating the final hole prior to reaching the total contract depth of 500 feet.

Disseminated sulphide mineralization of the skarn is generally very weak although there are a few scattered zones up to several inches of massive pyrrhotite and sphalerite. Only traces of chalcopyrite and rare galena specks were observed. All mineralized sections were split, and assayed by Bondar-Clegg and Company at North Vancouver for silver, copper, lead, zinc and bismuth. The assay sheet is enclosed following this report and the assay values are shown on the core logs and drillhole

sections, A - A' and B - B'. For identification, the original sample numbers appear consistently on all sheets.

On the whole, the values of all the assayed constituents are very poor. Zinc is shown to be the most abundant of these but with a maximum value of only 6.4%, in hole H - 54. There is however a pattern to the mineralization in that the better valves occur in the upper 6 to 9 feet of the upper skarn zone.

#### CONCLUSION

The results of the initial subsurface exploration of the Cobra Zone have been disappointingly poor. The area explored however was very restricted in relation to the known extent of the zone, which can be traced for a distance of 1500 feet on the side of a steep gorge having an elevation differential of at least 750 feet. It would therefore be premature at this time to completely write off the mineral potential of the Cobra Zone.

The area of the initial exploration was chosen for its accessibility from an existing road as well as the occurence of mineralized outcrops. A more comprehensive program of exploring the Cobra zone is fully warranted in the future in conjunction with property-wide exploration drilling of other zones. For the present however, no specific recommendations are being formulated with regard to the Cobra Zone.

Respectfully submitted,

Geo. L. Lamont, P. Eng.

Geologist

Vancouver, B.C. September 4, 1974

#### CERTIFICATION

I, GEORGE L. LAMONT, of 1445 Benvenuto Avenue, in the Municipality of Central Saanich, in the Province of British Columbia, hereby certify:

- 1. that I am a consulting geologist
- that I am a graduate of the University of Toronto, Toronto, Ontario, with a B.A. degree in Geology and Mineralogy, 1942
- 3. that I am a member in good standing of the Association of Professional Engineers of British Columbia
- that I have practiced my profession for thirty-two years
- 5. that I do not have, nor expect to have, any interest in Della Mines Ltd.
- 6. that this report is based on personal supervision of the program on the property herein described.

Dated this 4th day of September, 1974

GEO. L. LAMONT, P. ENG.

#### STATEMENT OF EXPENDITURES

R.F. Fry and Associates Limited, drilling contractor, minimum	
500 feet @ 18.50/ft.	\$ 9,250.00
Bondar-Clegg and Company Ltd., assayors	344.50
Tilden Rent-a-car, ground transportation 3/4 ton Chev. 4 x 4 pick-up	766.57
Grant Stewart Construction Ltd.  room and board-company personnel \$ 756.00  road equipment 1,288.80	
Geo. L. Lamont, P. Eng. supervision July 13 - August 12, 1974, \$1,500.00 a month	1,500.00
T. Szmandra-assistant July 13-August 12, 1974, \$900.00 a month	900.00
Total	\$14,805.87

## PROPERTY DELLA MINES - MT. HASKIN

HOLE No. 4-54

An Reading	gle Corrected
Reading	Connected
	Corrected

Hole No. H-54 Sheet No. 1 of 2 Lat. 1/936 N Total Depth 13/
Section B-B' Dep. 23927 E Logged By 6 cc. L, Lam.

Date Begun August 1/74 Bearing N25 E @ 45 Claim T1bar 1/
Date Finished August 2/74 Elev. Collar 5002 Core Size B. Q. W.L.

Logged By Geo. L. Lamont

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		•		
0-6	Casing						
6-67	Limestone - dark bluish grey and black						
	irregularly bonded, very finely crystalline to						
	dense and shaly; rubbly with rusty						
	fractures down to 13; ofon calcite filled						
	fractures; interbeds of starn in bosal 3.					7.06.0	
67-82	Skarn - pale greenish buff, hard, abundant			Ag	1		Bi
	fine mineralized fractures, a few rusty	12007	67-75				0.03
	fractures; well mineralized thru-out with	8	75-82	0.13	0.05/0.40	0.02	0.01
	heavily disseminated sphalerite, specks of						
	galena locally, traces of chalcopyrite, down						
١,	to 75', dense and cherty with poor min.						
	to 82'. Fault contact to						
82-90	Argillite - dark mauve to black irregularly						
	banded, rubbly with fault gauge at top;			200-00-00-00-00-00-00-00-00-00-00-00-00-			
	a few fine stringers of skarn mineralized	2				- 1	pet
IE.	with pyrchotite. Grades to						
90-106	Hornfel (?) - dark reddish brown, mica			3/15		1	
	texture, interbeds of mineralized skarn,					2 819	
the word,	- pyrite and pyrrhotite						
						- <del>1</del> 5	

D	IP TEST		]								
Footage	Ar Reading	Corrected	1/	Hole No. H-54 Sheet	No. 2 of 2	Lat	******************	Tot	al Depth		
			10.7	Section		Dep		Log	ged By		
			1	Date Begun		Bearing		Cla	im		
			}	Date Finished.		Elev. Collar	******************	Coi	re Size		
DEPTH				DESCRIPTION		SAMPLE No.	WIDTH OF SAMPLE	Ag	Pb/Zn	Cu	731
106-113	' 5k	grn -	dull a	reenish grey, cry	telline,		106-113	0.23	0.05/0.65	0.03	0.04
		hard, a	few	pen fractures; po	or to locally		113-118		0.05/0.10	0.01	0.01
	1	Gir dis	Semin	ated pyrchotite	and						+
*	, s	phaleri	te.	and traces of ch.	leopyrite						
113-118	Br	eccia 7	one -	fragments of ska	rn with	100			S. S		
		calcité	; rub	Mineralization as	fault gouge,					1500	- Annie
		evidence	of	mineralization as	above						
18-13/	Ar	gillite	- 45	argillite above,	a few						
		calcit	fill	ed fractures.							
131	B	ottom	of 1	hole							85
			1	W.							
		1	leo	(Lawow)			- 1				-
		-//								1	
11			-								
¥		-							-		
				• 1,					-		
, re	40			``\						- 7"	

# PROPERTY DELLA MINES - MT HASKIN

HOLE No. H-55

	Angle			
Footage	Reading	Corrected		
C				
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		THE RESERVE OF THE PARTY OF THE		

STANDARD FORM NO. 504

Hole No. H-55 Sheet No. 1 of 1	Lat. 11936' N
. R - D'	22927 F
Date Begun August 2 /74	Bearing N 25° E @ - 70°
Date Begun August 2 /74  Date Finished August 4 /74	Elev. Collar. 5002

Total Depth	100	1	
Logged By			ent
Claim 7			
c. c.	BA	14. 1	17/

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0-6'	Casing						
6-61	Limestone -dark bluish grex and black						
	irregularly banded and mothled, finely			hinteria (m. m. m			
	crystalline to dense and shally; no distinct						
	bedding; rubbly in part with rusty						1
	fractures, some infilled with calcite.						Warse
	contact to:			Ag	Pb/zn	Cu	Bi
61-86'	Skarn - pale green, very finily crystalline,	12011	61-70		0.55/2.05		0.02
	highly fractured and brecciated and	12	70-80	0.20	0.05/0.40	0.03	0.02
	muldy 65-70, 76-80, 83-86; mineralized	/3	80-86	0.10	0.05/0.30	0.01	0.01
	with pyrchotite, blebs of sphalerite						
	and traces of chalcopyrite						
86-100	Argillite - bleached at top becoming						
	maure with traces of bedding at		0		-		21
	18° to C.A; rubbly from 89-91'						
3	97-100' rubbly with fault mud.		W				***************************************
100	Bottom of hole				1	7	
Francist,	DIX A			1-D-702		•	
	Mer V Jamen						

'To:_	Della	Mines	Ltd.	
DAG	E No	1		

BONDAR-CLEGG & COMPANY LTD.

REPORT	No	A24	- 571
DATE:	August	22.	1974

1784 West Georgia Street Vancouver, B. C.

CERTIFICATE OF ASSAY

Samples submitted: Aug. 15, 1974 Results completed: Aug. 22, 1974

I hereby certify that the following are the results of assays made by us upon the herein described

samples.

	MARKED	GC	DLD	SILVER	Cu	Pb	Zn	Bi			- V-1	TOTAL VALUE
		Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent-	Percent	Percent	Percent	PER TON (2000 LBS.)
	12001 12002 12003			0.87 0.14 0.86	0.14 0.02 0.08	0.10 L0.05 0.25	3.75 0.25 5.40	0.03 0.02 0.03				reli
	12004 12005 12006			0.18 0.15 0.76	0.04 0:02 0.04	L0.05 L0.05 0.10	0.40 0.45 1.10	0.02 0.01 0.02				
	12007 12008 12009			1.9 0.13 0.23	0.12 0.02 0.03	2.60 0.05 0.05	6.40 0.40 0.65	0.03 0.01 0.04				
	12010 12011 12012			0.05 0.44 0.20	0.01 0.05 0.03	L0.05 0.55 0.05	0.10 2.05 0.40	0.01 0.02 0.02				
	12013			0.10 -	0.01	L0.05	0.30	0.01				
2												
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Province of British Columbia

AUS 26 1974

PROPERTY DELLA MINES - MT. HASKIN

	DIP TEST	
170	An	igle
Footage	Reading	Corrected
	-	
	<b></b>	

Hole No. H-52 Sheet No. 1 of 2 Lat. 1/8/5' N

Section A-A Dep. 24058' E

Date Begun July 29/74 Bearing N30° E @ -45°

Date Finished July 30/74 Elev. Collar 5030'

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0-5'	Casing						
5-37'	Limestone - dark bluish grey, mottled					ATTREE III	
	with white calcite, finely crystelline to						
1-2-1	shalf, no distinct bedding, a few irregular						
O <del>n the state of t</del>	rosty fractures, no visible mineralization,						
	grades to:	, , , , , , , , , , , , , , , , , , , ,					
37-47	Skarn - white silicified in upper 4'						
	grading to mossy green and brown,			Aq	P6/Zn	Cu	Bi
	irregularly banded with brown argillite;	12001	41-47	0.87	0-10 /3.75	0.14	0.03
	bedding @ 80° to C.A. Fair mineralization	2	81-91	0.14	0.05/0.25	.0.02	0.02
1	41-47' of pyrrhotite blebs of sphalerite					20.7	
	and rare flecks of chalcopyrite						
47-78	Argillite - light brown to dark grey, bedding						
	at 80° to C. A. A few thin interbeds of						
	skarn poorly mineralized Grades to						
78-91							
	fair mineralization 81-91						
91-103	Argillite - as argillite above with						
	starny interbeds. Very sparce						
Fam. solvent.	sphalerite in skarn						
						2	
	and the second s						- To -57512

	DIP TEST		]						•	*
Footage	Reading	Angle Corrected	1	1-1-N- H=57 (1.1)	2062			-		
rootage	Redding	Hole No. H - 52 Sheet No. 2 0 f 2 Section								
			<b>→</b>	Date Begun		ep			ged By	
			-3	Date Finished		earing ev. Collar			im e Size	
			] ,	This required		ev. Collar		Cor	e 3ize	
DEPTH	1		•:	DESCRIPTION		SAMPLE No.	WIDTH OF SAMPLE			1
	- B			114 0 1		•	OF STATE LE		1	1
103-10	3 15/	eccia.	- argil	lite fragments	na	-			<u> </u>	-
- interior		uhite.	calcit	lite fragments in e matrix, r visible minerali argillite ab	ubbly					
	/	n part	t. No	visible mineral	3 ation.	-				
105-11	3 A1	gillite	- 95	argillite ab	ove					
113	, -	Bottom	1	halo						-
115		2011011		7070					<u> </u>	
					-		-		<del> </del>	-
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			Med	Xanon						1
		11	1					•		
					10193 - 21 222 - 041					
										1
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F)										
			1							
				100					8	

WESTERN MINER PRESS LTD. STANDARD FORM NO. 504

# PROPERTY DELLA MINES - MT HASKIN

HOLE No. H - 53

DIP TEST	
An	gle
Reading	Corrected
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Hole No. H-53 Sheet No. / of 2	Lot 1/8/5'N
Section A - A	Dep. 24058 E
Date Begun July 30 / 74  Date Finished July 31 / 74	Bearing N 30° E @ -70°
Date Finished July 31 /74	Elev. Collar. 5030

Total Depth 106
Logged By Geo. L. Lamont
Claim Tibor #1
Core Size B. Q. W. L. 17/16"

DEPTH	DESCRIPTION	SAMPLE No.	OF SAMPLE				
0-5'	Casing						
5-42'	Limestone - dark bluish grey to black						
	and a few blebs of white calcite;						
	dense and shalf, faint bedding at						
	75 to C. A; a few rosty fractures			•			
	and rubbly in upper 5": light grey						
	and silicified in basal 2'. No visible						
	mineralization.			Ag	Pb/Zn	Cu	Bi
42-49	Skarn - pale greenish, dense to finely	12003	42-49	0.86	0.15/5.40	0.08	0.03
	crystalline; some open rusty fractures.	4	49-54	0.18	0.05/0.40		0.02
	Well mineralized, disseminated to locally	The state of the s	54-61		0.05/0.45	0.62	0.01
	massive (2") with pyrrhotite,			7.			
	sphalerite, traces chalcopyrite and						
	galena.						
49-54	Intrusive Dyke (syenite) - pake pink to				madia.		
	yellow, crystalline with numerous						
**	fine tight poorly mineralized fractures -						
	pyrite, sphalerite, chalcopyrite and						
	trace of moly at base.				1		
54-11		2	2				
						7	100
ESTERN MINER PRESS LTD	poor to fair mineralization as above						

DIP 1	FEST								
	Angle							3.	
Footage Re	eading Corrected	Hole No. H-53 Sheet N	0.2 of 2 Lat		************	To	ral Depth		*****
		Section	Dep	)		Log	ged By		
		Date Begun	Bed	ıring		Clo	im		
		Date Finished	Elev	. Collar		Co	re Size		
DEPTH		DESCRIPTION	- M-1	SAMPLE No.	WIDTH				1
12-5495 PH/EDG		~	<del></del>		OF SAMPLE				
61-98	Argillite - p.	ale mauve to dark q	rey, dense						
	bridged at	50° to C. A. a few	interbels						
	1 11 1	en skarn; very spare	ورا لم المارية						
	in tight for	castures	E sorparines			Ag	Pb/Zn	Cu	3
98-101	Skarn - dark	green, dense, has	rd a	12006	98-101	0.76	0.10/1.10	0.04	0.0
70 707	C C	1	11		1 - 1 - /				
	ten trace	ures; fair dissem	inurea				-		
	pyrite py	irrhotite, sphale	rite and						
	trace o	t chalcopyrite							
101-106	Araillite - a	s argillite above;	a few						A .
		en skarn stringer	, ,						
		near base.	, , ,		11				
	Fracture	near pase.		-				201 - 22 3 7 8 7 11 2 11 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		/	w. <del>X - y</del>						
106	Bottom o	t hole							
		2 Miles							
	heo	X Xamort							
	1				1-3-113				
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				1					1
9.514.							-		

# LEGEND

# MAPS AND SECTIONS

## LITHOLOGY

SYENITE DYKE

CHERTY ZONE

SKARN

LIMESTONE

ARGILLITE

HORNFEL

\*XXX SULPHIDE MINERALIZATION

## STRUCTURES

GEOLOGICAL CONTACT STRIKE AND DIP FAULT, GOUGE BRECCIA

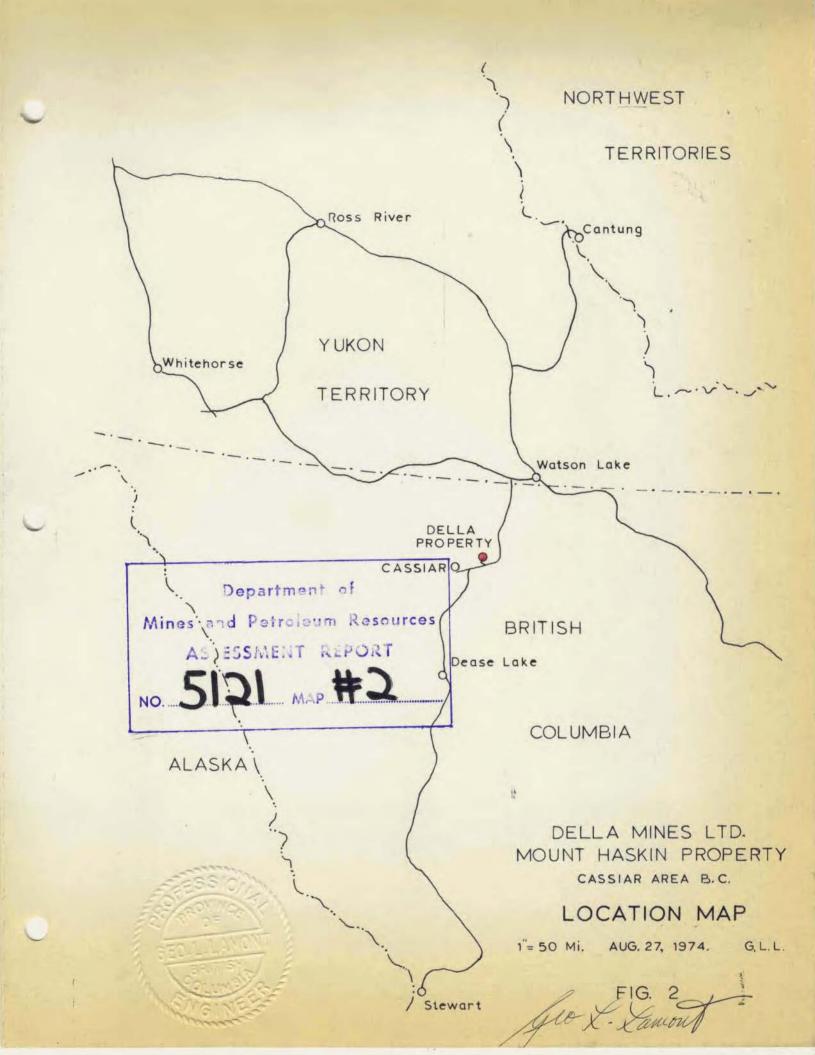
## Department of

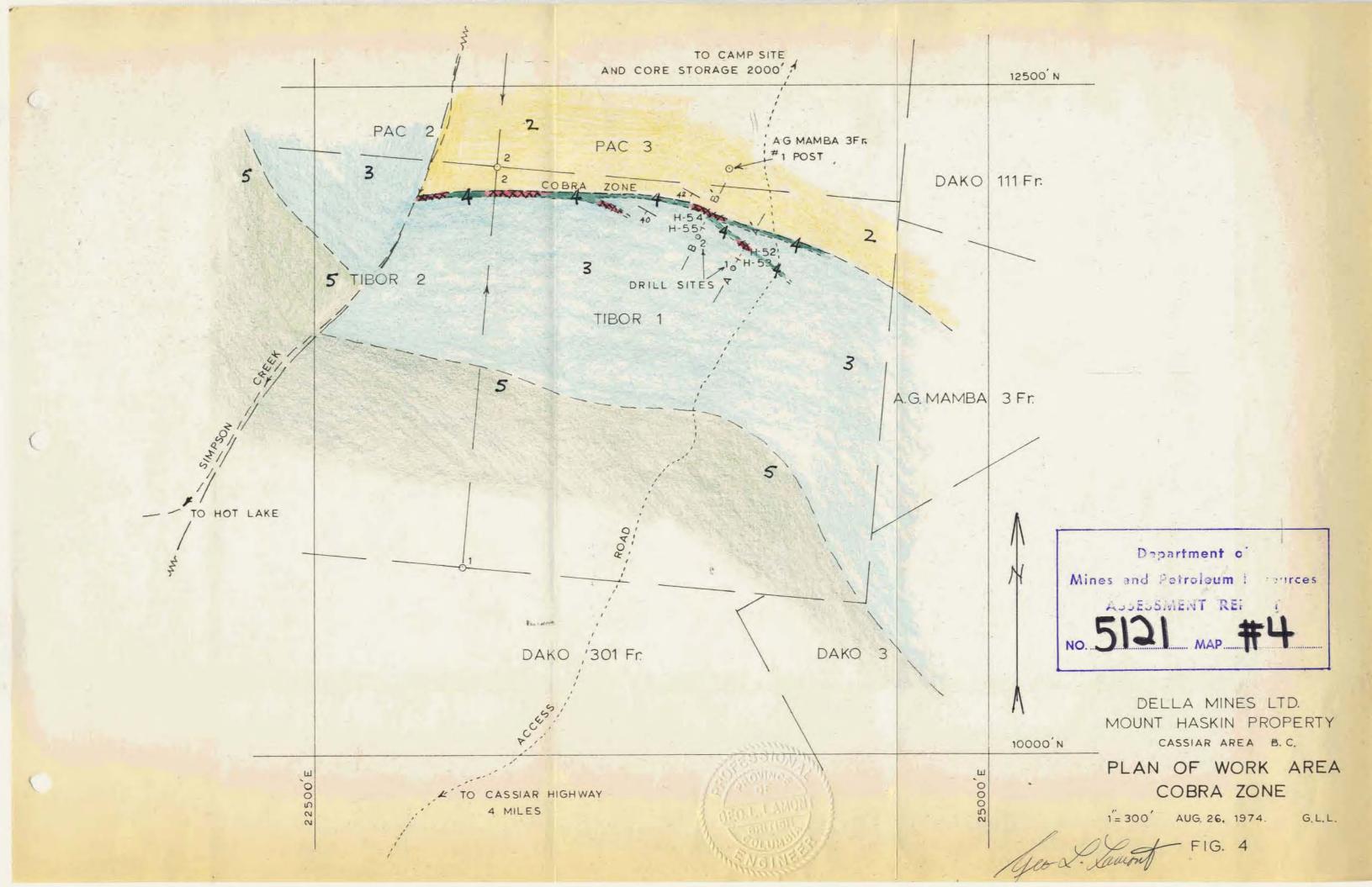
Mines and Petroleum Resources

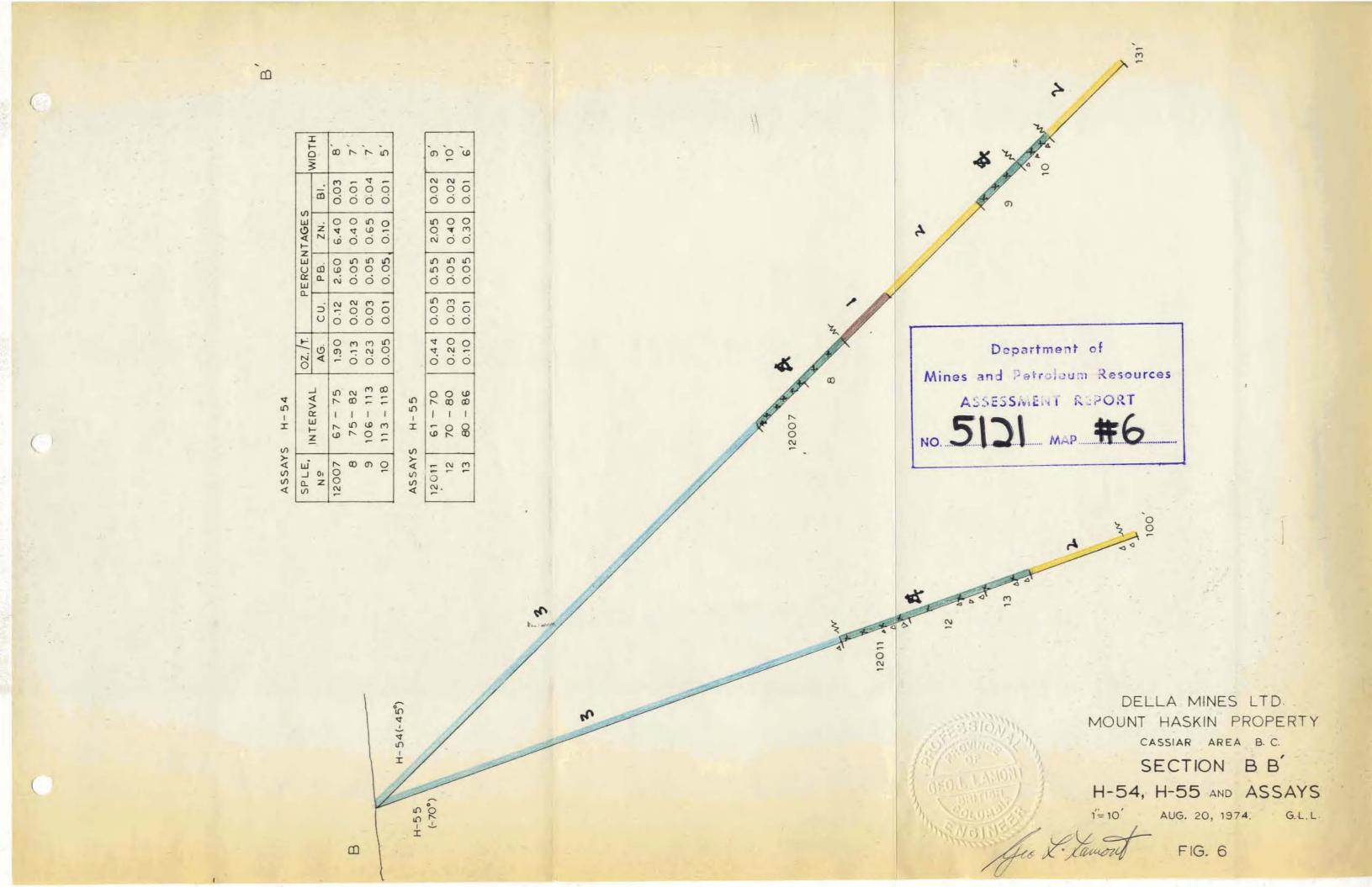
ASSLUMENT REPORT

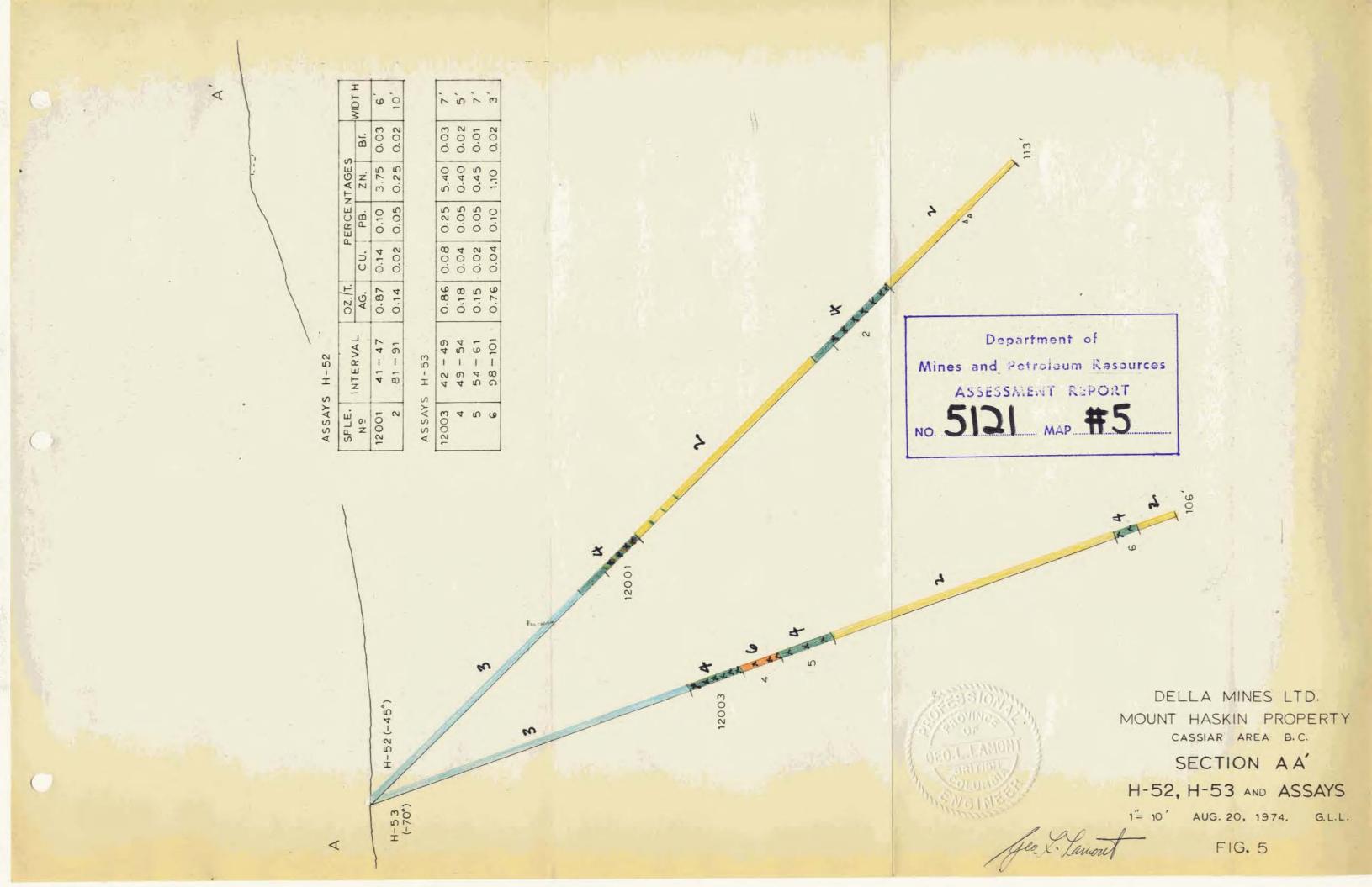
NO. 5121 MAP #1

DELLA MINES LTD. MOUNT HASKIN PROPERTY CASSIAR AREA B.C.









INVOICE

#### R. F. FRY & ASSOCIATES (WESTERN) LIMITED

MINING CONTRACTORS

18765 - 96th Avenue Surrey B C V3T 4W2

TELEPHONE: 576-2977-78

IN ACCOUNT WITH

Della Mines Ltd., Box 11107 Royal Centre, Vancouver, B. C

August 14, 1974. 1665

500 Ft. of B Q Drilling for Della Mines at Cassiar, British Columbia

500 Ft. @\$18.50 Per Ft.

\$ 9,250.00

approved for pagment

Department of

Mines and Petroleum Resources

ASJESSME IT REPORT

PAID



INVOICE: Nº

8029 8029

DATE: August 22, 1974

**REPORT NO: A24 - 571** 

PROJECT:

W. O. No. 7454

5.2		240	0 4 5 00	A 65 00
13	Silver	Assays	@ \$ 5.00	\$ 65.00
13	Copper	Assays	@ \$ 4.00	52.00
13	Lead	Assays	@ \$ 5.00	65.00
13	Zinc	Assays	@ \$ 4.50	58.50
13	Bismuth	Assays	@\$8.00	104.00
		*		\$ 344.50

Approved for payment

ff

Della Mines Ltd.

VAncouver, B. C

1784 West Georgia Street

RECEIVED

POUR TOUTES CONTRAVENTIONS DE STATIONNEMENT OU DE CIRCULATION.

CUSTOMER IS LIABLE FOR AND PARKING AND TRAFFIC VIOLATIONS

# GRANT STEWART CONSTRUCTION LTD.

P.O. BOX 160 - CASSIAR, B.C.

Telephone: 778-7455

Telex: 036-8-8523

August 26, 1974.

To:

Della Mines Ltd., 1055 West Georgia St., P.O. Box 11107, Vancouver 5, B.C.

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INVOICE NO

2589

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Date	Details	Charges	Credits	Balance
*	July 14 to August 3/74 Meals & Lodging 42 man days @ \$18.00	756.00 V		
	D7E #23 Fix road, etc.	-	***	
ugust 1 7 'y 27	3.0 hours @ \$43.50 per hour 6.0 hours @ \$43.50 per hour 3.0 hours @ \$43.50 per hour Total 12.0 @ \$43.50	522.00 V		-
uly 27 ug. 7	Swamper on winch truck 6.5 hours " " 8.0 hours Total 14.5 @ \$14.00	203.00		
ig. 7	Winch Truck #29 6.0 hours @ \$20.75 per hour	124.50 V		
ıly 27	Hauling		-	1
LLY 27	Haul Equipment to jobsite - 2.0 hours @ \$37.50 per hour	75/00 ~		1
g. 1	Pilot car - 2.0 hours @ \$20.75 per hr. Haul Equipment from jobsite - 2.0 hours	41.50 V	PA	Omer 1
g. 7/8	@ \$37.50 per hour Haul Equipment to jobsite - 2.0 hours	75.00	F	3 7
	@ \$37.50 per hour Pilot car - 2.0 hours @ \$20.75 per hour Haul Equipment from jobsite - 2.0	75.00 × 41.50 ×	CHECUS SEPT	
	hours @ \$35.00 per hour Pilot car - 2.0 hours @ \$20.75 per hr. Permits	70.00 V 41.50 V 13.00 V		
	Gas for Daymen	6.80 -	7	2,044.80
	and the	C 50	V	O.K.

APPENDIX

THIS AGREEMENT made this >> day of

July A.D. 1974.

BETWEEN:

DELLA MINES LTD. Suite 1307 - 1030 West Georgia Street, Vancouver 5, B. C.

(hereinafter called "The Company")

OF THE FIRST PART

and

R. F. FRY & ASSOCIATES (WESTERN) LIMITED. 18765 - 96th Avenue, Surrey, B. C.

(hereinafter called "The Contractor")

OF THE SECOND PART

Whereas the Company has requested the Contractor to perform certain surface diamond drilling and other services as hereinafter set forth;

AND WHEREAS the Contractor has agreed to do the said diamond drilling and to perform the other services requested upon the terms, conditions and provisos herein contained;

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of the payment of the amounts herein stipulated and of the mutual covenants hereinafter contained, the parties hereto agree as follows:

## A. The Contractor covenants and agrees:

- (1) To drill or cause to be drilled one or more drill holes to a total of 500 lineal feet at or near Cassiar, more specifically known as DELLA MINES PROFERTY, the drilling sites to be selected by the Company, PROVIDED that no hole shall exceed a depth of 300 feet, and the Contractor assumes no responsibility for the direction of the hole beyond the collar, and PROVIDED FURTHER that should cavities or loose and caving material be encountered the Contractor shall have the right to cease drilling should the Contractor deem that such conditions render further drilling impracticable, and the Contractor shall be paid for any such drilling at the rates herein specified for the footage actually completed.
- (2) To supply all necessary industrial diamonds, drilling machinery and labour and that all its labour, diamond wear and loss, and all its other operating expenses save as hereinafter provided shall be at its own cost and expense and for its account.

- (3) That all holes shall be drilled with a standard size core barrel producing a core approximately 1% inch in diameter and that the drill crew shall exercise such reasonable care and diligence as shall enable them to recover as high a percentage of core as the core barrel used and the nature of the ground drilled will permit and shall deliver all such core at the drill site to a person or persons to be designated by the Company.
- (4) That the measurements of all holes shall be from the top of the standpipe or casing, as the case may be, which shall be kept as close to the original contour of the ground as circumstances shall permit provided that where the top of the casing is below the original contour by reason of excavation carried out by the Contractor the Company shall pay for the difference in footage at the rates herein set out and provided further that where no standpipe or casing is required the measurement shall be from the collar of the drill hole.
- (5) That it will be responsible for and will pay promptly all dues and assessments payable under any Workmen's Compensation Act or other similar Act whether Provincial or Dominion in respect of its employees and will indemnify and save harmless the Company against and from all claims and demands whatsoever arising by reason of any injury or injuries sustained by any employee or workman of the Contractor while engaged in the employment of the Contractor excluding, however, claims arising out of any negligent act or omission of the Company, its servants or agents.
- (6) That it will perform and execute all work and services required pursuant to this Contract in a proper, careful, workmanlike and expeditious manner and that it will indemnify and forever save harmless the Company from all claims and demands whatsoever and whether to person or property or otherwise arising out of the action of its officers or employees or any of them while engaged on the work contracted to be performed herein.

## B. The Company covenants and agrees:

- (1) That prior to any operation the Company shall determine the location, depth and angle of each drill hole and shall make provision for the safekeeping of all cores recovered and shall during such operation keep such records as it deems advisable in respect to the operation.
- (2) That in the event that it becomes necessary to drill from any location where barges or the driving of piles is required for foundation it will furnish all such foundations to the satisfaction of the Contractor.
- (3) Supply a suitable cat for preparation of drill sites and moving of drill rig.

- (4) That it shall pay for all drill footage completed according to Schedule 1. In the event that loose or caving ground be encountered in any drill hole or drill holes which shall require casing or cementing, that this work shall be paid for on a Cost Plus Basis.
- (5) That it shall reimburse the Contractor as per the prices as listed in Schedule 1 for footage completed on the 15th and 30th of Each Month.
- (6) That whenever, in the performance of the work hereunder or in preparation for same, it may be necessary to occupy, use or obstruct any street, highway, private way or public place, or to do anything whatever in connection with public property or whenever it shall be necessary to comply with building laws, or other local, Provinctial or Dominion ordinances, laws or regulations, the Company shall procure, free of all cost and expense to the Contractor, all necessary permits or permission therefor; provided that in doing such work the Contractor shall be governed by, and comply with the laws, ordinances, rules and regulations of the proper municipal or other authorities, and the Company shall indemnify and save harmless the Contractor from and against all liability, costs or expenses resulting from any failure to secure the proper authority.
- rights of way, rights of ingress and egress to all lands that may be required to enable the Contractor to carry out the work herein contracted to be performed and the Contractor may erect any necessary temporary buildings and any other facilities required by the said Contractor and the Company warrants the quiet and peaceful possession of all such lands and premises and shall save the Contractor, its successors and assigns, harmless and shall fully indemnify the Contractor, its successors or assigns from any and all damages, claims, demands, or costs of whatever nature incident to or arising out of the occupation of said lands and premises.
- (8) The Contractor shall be permitted to fell and cut any and all timber upon the Company's property or upon property under option or lease to the Company as may be required by the Contractor in the course of the work contracted to be performed hereunder and the Company shall indemnify and save harmless the Contractor from any assessment for stumpage or other charges of every kind and nature whatsoever. Upon the completion of the work herein contracted to be performed the Contractor shall have the right to remove within a reasonable length of time all temporary buildings and other fixtures including trade fixtures, machinery, equipment and appliances placed upon such lands.

# C. It is further mutually understood and agreed between the Parties hereto:

- (1) That the Contractor shall provide suitable housing and board for the drill crew at the prevailing rate per day per man and a suitable building for the storage and repairing of the Contractor's equipment.
  - (2) (a) That the Contractor shall transport all drilling machinery, fuel, necessary supplies, and crew from Vancouver and return same thereto on completion of contract, and it is further specifically understood and agreed that any and all material or supplies required for the carrying out of any part of this contract on a cost basis shall be transported to and from the drilling site at the expense of the Company.
  - (b (b) The Company shall prepare drilling sites and shall be prepared to supply at its own cost and expense not less that 100 gallons of water per hour at each site.
- (3) That work under this agreement shall commence on or about July 17, 1974, with single shift, and shall be continued with reasonable diligence until completed. Provided Always That:
  - (a) The Contractor shall not be liable for any loss or damage directly or indirectly suffered by reason of any cause beyond its active control, viz, riots, strikes, lockouts, failure of transportation, shortage of materials, etc.

(b) The Contractor reserves the right to cancel this contract should its fulfilment be rendered impossible by:

(i) War, invasion, insurrection, riot, the order or regulations of any civil or military authority, or by breakdown, strikes, lockouts or labour disputes, whether in or in the neighbourhood of the Contractor's plant or of that of any supplier of materials necessary for the completion of the contract.

(ii) The inability to obtain essential materials

and supplies due to priority restrictions.

(iii) The inability to secure labour due to restrictions or causes beyond the Contractor's control, and the Contractor shall not be liable for any loss or damage directly or indirectly suffered by the Company by reason of the exercise of such right of cancellation.

(4) That no representations, promises, agreements or understandings other than those contained herein shall be binding upon the Parties hereto, except where same are set forth in a written instrument supplemental hereto or superseding the within agreement and such instrument shall have been duly executed by the Parties hereto.

(5) That any notice required to be given hereunder shall be properly given if mailed by registered letter addressed to the Contractor as follows:

R. F. FRY & ACCUATES (MESTERN) LIMITED, 18765 - 96th Avenue, Surrey, B. C.

or to the Company by registered letter addressed as follows:

DELLA MINES LTD.,
1055 West Georgia St.,
P. O. dox 11107,
Vancouver 5, B. C.

- (6) That this Agreement and any dispute arising hereunder shall be interpreted and determined in accordance with the laws of the Province of BRITISH COLUMBIA.
- (7) That this Agreement shall be binding upon and enure to the benefit of the Parties hereto, their respective successors and permitted assigns, but same shall not be assignable by the Company without the consent in writing of the Contractor first had and obtained.

In MITNESS MERROF these presents have been executed by the Parties hereto the day and year first above written.

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		see Treas
		R. F. FRY & ASSOCIATES (WESTERN) LIMITED
		M. Filger
WITNLES	).	
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# SCHEDULE 1

On a minimum on 500° of surface drilling

18.50 L.F.

