6451

DIAMOND DRILL REPORT DDH 59

KUTCHO CREEK PROPERTY

LIARD MINING DIVISION

IO4 I 1W

by

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IMPERIAL OIL LIMITED
314-1281 WEST GEORGIA ST., VANCOUVER
OCTOBER, 1977

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

NO.\_

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Diamond Drill Core Log DDH 59

Copy of Drill Contract

Location Map Py Claims

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Location Map DDH 59

1:250,000

1 mi. = 1.2"

1" = 1000'

# COST STATEMENT DDH 59

Dates Drilled: July 3 - 8, 1977	
Direct Drilling Costs:	
500 ft. @ \$11.30/ft. 5 ft. @ \$11.80/ft.	\$5,650.00 59.00
64 man hrs. labour @ \$14.50/hr.	928.00
65 gal. fuel @ \$2.00/gal.	130.00
25 coreboxes @ \$5.00/ea.	125.00
Assays:	
4 @ \$12.00/ ea. & \$40.00 Shipping	88.00
Helicopter Support:	
8.3 hrs. @ \$250.00/hr.	2,075.00
4.15 brl. fuel @ \$90.00/brl.	373.50
Drill Supervisor - Dane Bridge, Geologist:	
6 man days @ \$70.00/day	420.00
Assistant - Steve Perry:	
1 man day @ \$50.00/day	50.00
Camp Costs:	
31 man days @ \$20.00/day	620.00
Report Costs:	100.00
TOTAL	\$14,418.50
Cost Per Foot	28.55

O. Bridge

#### DIAMOND DEILL COTE LOG

DRILL HOLE NO: 59

LOCATION:

60W; 17S

PROPERTY:

KUTCH0

CLAIM:

Py 32

AZIMUTH:

1800

RECORD NO: 70953

INCLINATION:

-65<sup>0</sup>

CONTRACTOR: ARCTIC DIAMOND DRILLING LIMITED

ELEVATION:

5200'

CORE STORAGE: IMPERIAL OIL CAMP

CORE SIZE:

BQ

#### DESCRIPTION

FROM	TO						
0.0	48.0	Overburden					
48.0	138.5	Quartz-sericite schist; hard, siliceous, moderately well foliated, fragmental textured					
138.5	149.0	Quartz-chlorite-sericite schist; siliceous, fragmental textured					
149.0	336.8	Quartz-chlorite schist; siliceous, fragmental textured with minor l to 2 mm quartz phenocrysts					
336.8	395.0	Quartz-sericite schist; abundant fine-grained quartz phenocrysts in non-fragmental matrix					
395.0	415.5	Rhyolite; massive and fractured with rare schist interstitial to fragments					
415.5	454.0	Quartz-carbonate-sericite schist; fragmental textured with average of 10% disseminated pyrite					
454.0	472.3	Flow textured purplish-brown andesite, probably a Tertiary dike					
472.3	485.5	Quartz-sericite schist; siliceous, fragmental textured with average of 5% disseminated pyrite					
485.5	491.0	Fault breccia, clay altered					
491.0	494.5	Quartz-sericite schist					
494.5	505.0	Quartz-carbonate-sericite schist; fragmental textured with average of 15% disseminated pyrite.					
	1 .	Assay Sections:					
	-	Au Ag. (oz/ton)					
415.5	427.0	0.003 0.07					
427.0	438.0	0.004 0.08					
438.0	451.0	0.002 0.08					
494.5	505.0	0.003 0.06					

D. Bridge

## SCHEDULE A

### BID SHEET AND JOB SPECIFICATIONS

1. DESCRIPTION OF	WORK:

						-			
at a be t such	ified, ny ho 150 flat aken 500	l by l but t ble sh tter a from	imperial. A cotal footage all not except. The Congle than the top of eet are designed at such as and at such as a such as	total min e may be e eed 1,50 ontractor - 45 the casing ired, such	imum foots xtended by 00 fe will not l degrees pipe. If drilling	age of y mutual eet and oe calle Measu f holes shall l	7,000 l consen minimum ed upon arement of a gr be perfo	feet shall.  feet shall to drill any of all holes cater depth to drill and cater depth to drill	ll be depth be hole shall than
2.	SCHE	EDUL <b>E</b>	OF RATES:	-		_	-	•	-
serv	Impe	rial	•	ay the Con lows:	tractor fo	or foot:	age dril	led and othe	r
<i>:</i> .	(a)	Cori	ng at Bedro	ck	٠	. • ·			
·		ö 500	h Intervals - 500 Ft 1000 Ft 1500 Ft Ft.	\$ 11.30 \$ 11.80 \$ 12.30	0/F	t. \$ t. \$ t. \$		Size /Ft. /Ft. /Ft.	
•	(b)	Casi	ng of Overb	urden	•		. •	•	
		Dept	h Interval				•	•	
			- 50 Ft. - 100 Ft. - Ft.	\$ <u>11.3</u> \$ \$	0 /F	t. ,		•	
	(c)	-The- Cost	following se basis:	ervices wi	ll be pro	o. fishir	n'an ope	erating Field	
		1. 2. 3. 4.	stabilizati Drilling ca All coments including c	d setting of some control of the con	casing for ontrol of oken ground ions, exel	return nd. luding ent.	water.		ole
		٦٠	Supplying v		ne drill i			oly over . vertical li	ſt

- 6. Recovering pipe and/or casing at Imperial's request.
- 7. Hole orientation tests.
- 8. Setting of wedges, at Imperial's request, for the purpose of directional drilling.

Where operating Field Costs are defined as:

#### Operating Field Costs

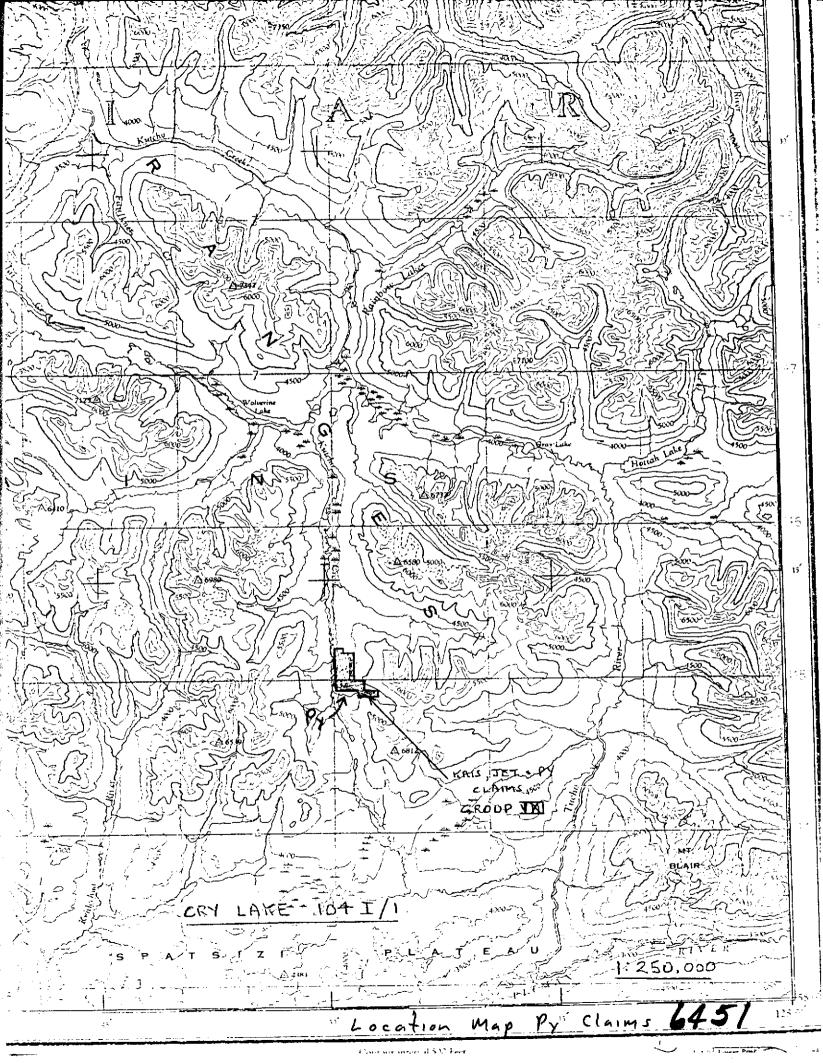
Labour (including Tractor N/A		\$14.50	_ per man hour.
Tractor N/A Water Truck (exclu	<del>_</del> _	N/A	per hour.
Equipment	•		•
Drills	Туре		Operating Hourly Rate
1	C/L Model 38		\$8.00
<u> </u>	BB BBS-1 /12 BH		\$8.00
Pumps	Туре		Operating Hourly Rate
	N/A		
Other	Туре	<del></del>	Operating Hourly Rate
	N/A	· ·	
	•		

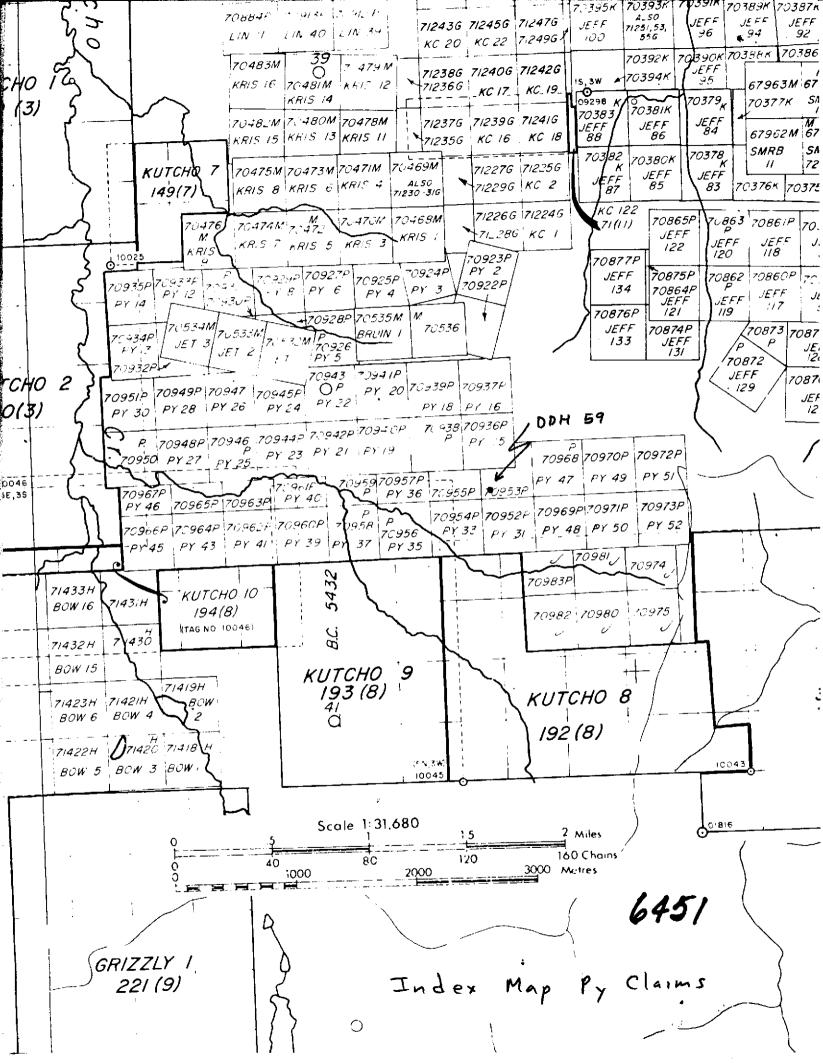
While operating on a Field Cost basis, supplies consumed or damaged beyond use, including diamond articles, mud ingredients, cement, rods, core barrels, etc. shall be for Imperial's account at site replacement value plus 10 %. However, if due to Contractor negligence, or through poor drilling practices, equipment is damaged or lost and hole is not completed, then these costs shall be for Contractor's account.

- (d) The following services would be provided on a non-operating Field Cost basis:
  - 1. Setting time for cement.
  - 2. Delays caused by Imperial.

Where non-operating Field Costs are defined as:

	Non-Operating Field Costs							
	Labour (including supervision)	\$14.50	per man hour.					
	Drill, pumps and service vehicle		per drill hour					
	Tractor - operating		per hour.					
•	Tractor - non-operating		per hour.					
(e)	Travelling Time							
	Imperial agrees to pay for travel	ling time fromc	amp site					
	following basis:	d return per shif	t on the					
	Vehicle per day.	an-hour, after the	first 1/2 hour.					
(f)	Mobilization and Between Hole Mov	es .						
	Labour - \$14.50 per man	hour						
• .								
(g)	Room and board for Contractor's p	ersonnel will be	provided by					
	Contractor will provide meals and N/A of Imperial's represe							
	Per day.  Room and board will be provided b  per man day.	y Imperial to Cor	tractor at					
(h)	Core boxes, including lids, will  Contractor's rates	be provided by <u>C</u> for core boxes of	ompany on site shall					
	be \$	:						
(i)	Core splitter to be supplied by _ Contractor to supply core splitte	Company	per					
(1)	Standby Rental		·					
	It is agreed that, at the complet drilling program, Imperial may reequipment at the drill area for a	tain the Contract	nt active					
	per per drilling unit. The cease to apply upon commencement or on the giving of a written not	ne standby rental of continuous dr lice to the Contra	illing program, actor by					
	Imperial that the drilling equipm	ent is no longer	reouired.					





	/ Py 2 2		Py 20 Py		y 18 P,		16		
	Py	21	Py	r 9	Py	(7	Py	, 15	
Py 40		Py 38		Py 36		Py 34		Py 32	9
Py 39		Py 37		Py 35		Py 33			Рузі

Location Map DDH 59 1" = 1000'