

6451

DIAMOND DRILL REPORT DDH 59
KUTCHO CREEK PROPERTY
LIARD MINING DIVISION
I04 I 1W

by

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

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

NO. _____

TABLE OF CONTENTS

Cost Statement

Diamond Drill Core Log DDH 59

Copy of Drill Contract

Location Map Py Claims

1:250,000

Index Map Py Claims

1 mi. = 1.2"

Location Map DDH 59

1" = 1000'

COST STATEMENT DDH 59

Dates Drilled: July 3 - 8, 1977

Direct Drilling Costs:

500 ft. @ \$11.30/ft.	\$5,650.00
5 ft. @ \$11.80/ft.	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

D. Bridge

DIAMOND DRILL CORE LOG

DRILL HOLE NO:	59	LOCATION:	60W; 17S
PROPERTY:	KUTCHO	CLAIM:	Py 32
AZIMUTH:	180°	RECORD NO:	70953
INCLINATION:	-65°	CONTRACTOR:	ARCTIC DIAMOND DRILLING LIMITED
ELEVATION:	5200'	CORE STORAGE:	IMPERIAL OIL CAMP
CORE SIZE:	BQ		

DESCRIPTION

FROM	TO	DESCRIPTION
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 1 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.

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. Bridg

SCHEDULE A

BID SHEET AND JOB SPECIFICATIONS

1. DESCRIPTION OF WORK:

The work is to consist of a series of drill holes, drilled at locations specified by Imperial. A total minimum footage of 7,000 feet shall be drilled, but total footage may be extended by mutual consent. Maximum depth of any hole shall not exceed 1,500 feet and minimum depth shall be 150 feet. The Contractor will not be called upon to drill any hole at a flatter angle than - 45 degrees. Measurement of all holes shall be taken from the top of the casing pipe. If holes of a greater depth than 1,500 feet are desired, such drilling shall be performed only upon such conditions and at such rates as may be agreed upon before commencement of such drilling.

2. SCHEDULE OF RATES:

Imperial agrees to pay the Contractor for footage drilled and other services performed as follows:

(a) Coring at Bedrock

Depth Intervals	Size	Size
0 - 500 Ft.	\$ <u>11.30</u> /Ft.	\$ _____ /Ft.
500 - 1000 Ft.	\$ <u>11.80</u> /Ft.	\$ _____ /Ft.
1000 - 1500 Ft.	\$ <u>12.30</u> /Ft.	\$ _____ /Ft.
_____ - _____ Ft.	\$ _____ /Ft.	\$ _____ /Ft.

(b) Casing of Overburden

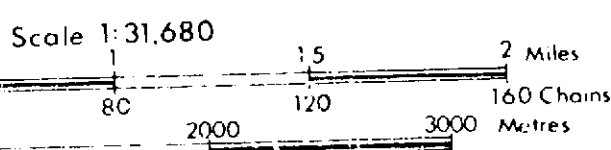
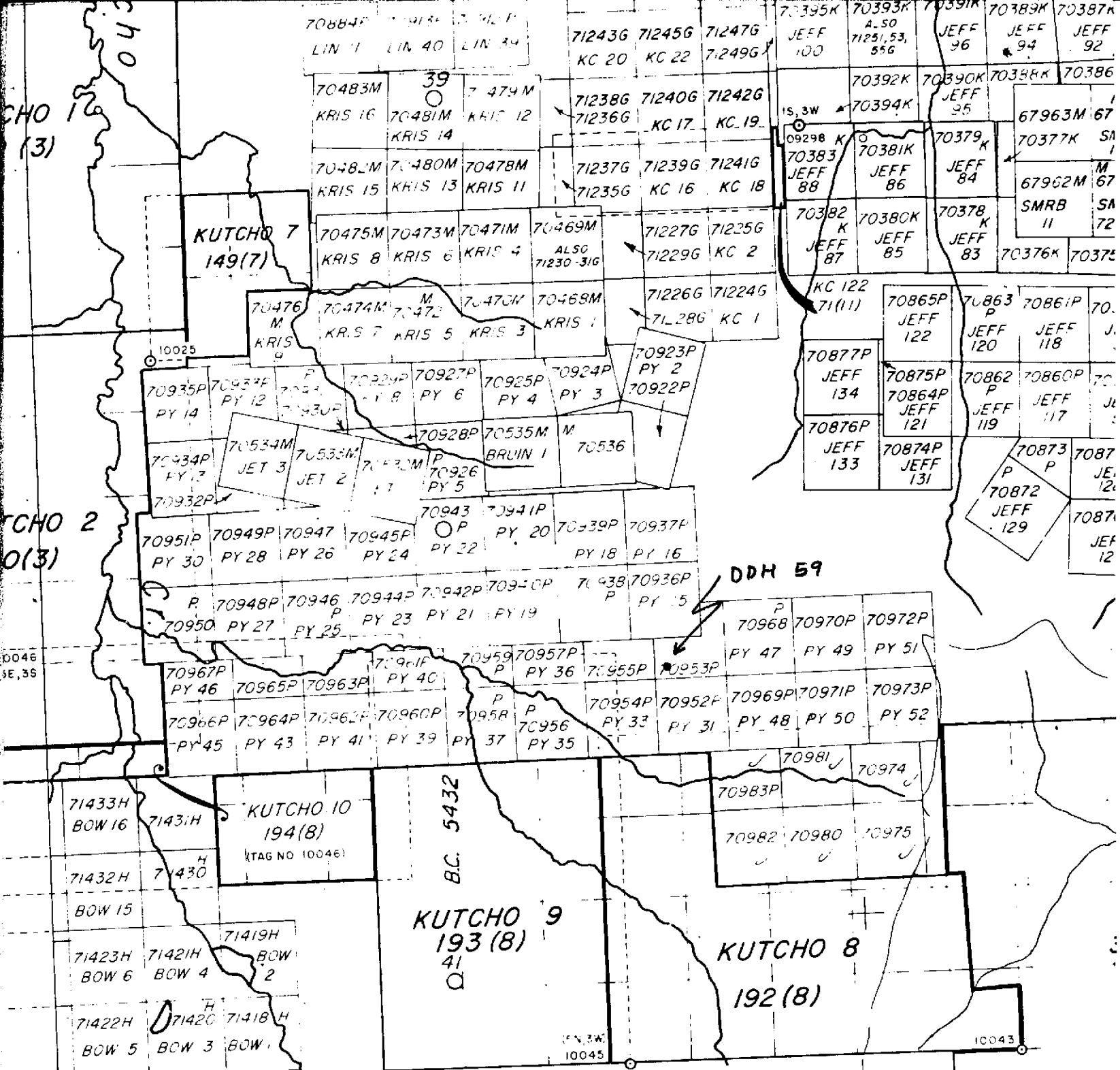
Depth Interval	
0 - 50 Ft.	\$ <u>11.30</u> /Ft.
50 - 100 Ft.	\$ _____ /Ft.
_____ - _____ Ft.	\$ _____ /Ft.

(c) -The following services will be provided on an operating Field Cost basis:

1. Casing of overburden over 50 ft.
2. Reaming and setting casing for borehold reduction, borehole stabilization, and control of return water.
3. Drilling caved or broken ground.
4. All cementing operations, excluding setting time but including drilling of set cement.
5. Supplying water to the drill when water supply over 2,500 ft. lateral and/or 250 ft. vertical lift



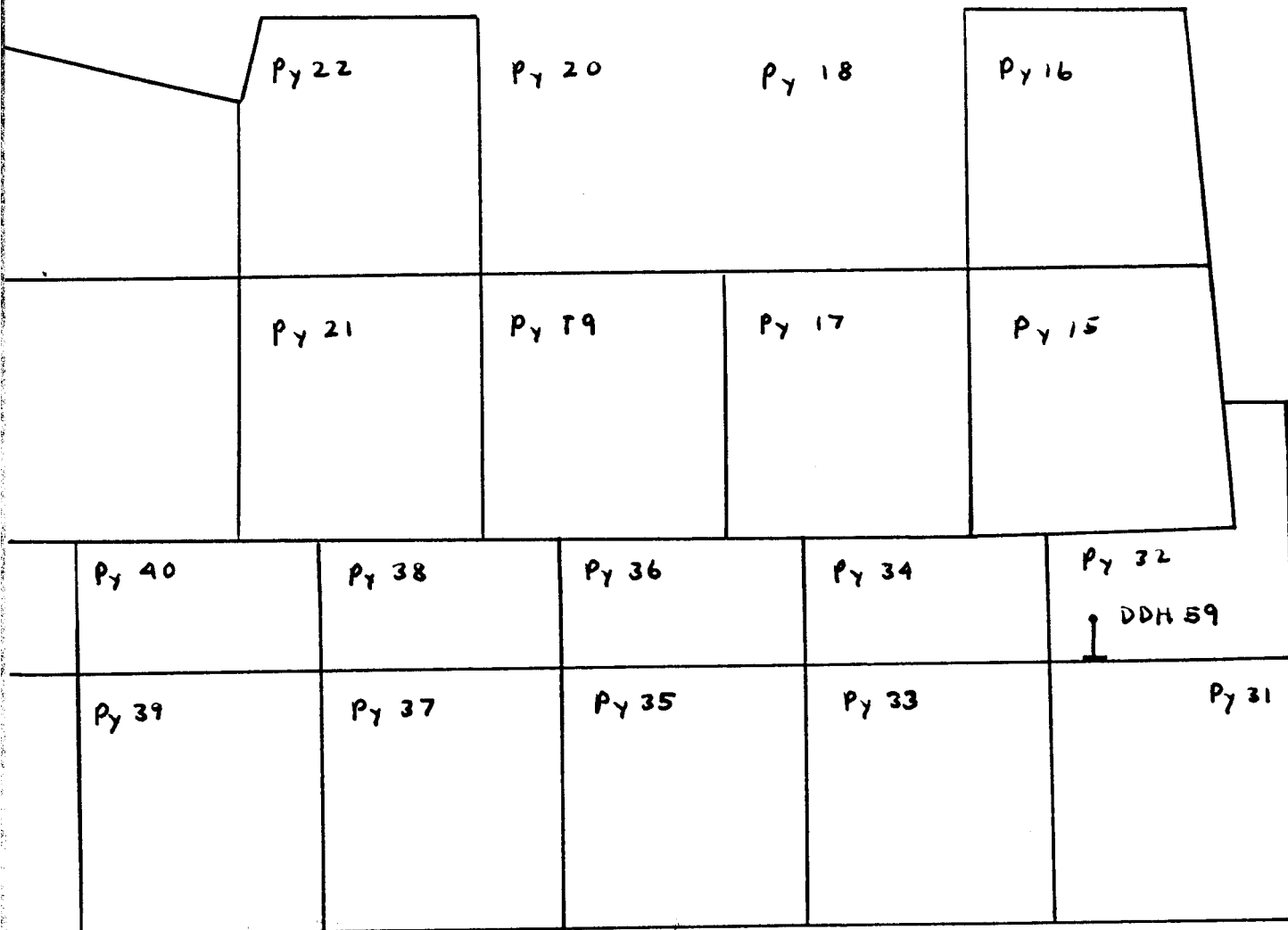
Location Map Py claims 6451



6451

GRIZZLY 1
221(9)

Index Map Py Claims



Location Map DDH 59
1" = 1000'

6451