

Maps. 1. Prop. Loc.
2. Claim map
3. DDH Loc.
4. DDH Loc.



IMPERIAL OIL LIMITED

Minerals Section
E. L. Pekar
Chief Geologist, Western Canada

#314 - 1281 - W. Georgia Street
Vancouver 5, B. C.
Area Code 604 - 681-8231

MV-1878

August 20, 1975

File: 6053 (Jeff, Jenn Claims)

Mining Recorder
Liard Mining Division
Victoria, B.C.

Dear Sir:

I am enclosing duplicate copies of the following documents as part of a diamond drilling report on the Jeff, Jenn, mineral claims - Groups I to IV.

1. A 1:250,000 map showing the location of the mineral claims.
2. A claim index map at 1.2" to 1 mile showing the four individual claim groups.
3. A 1" to 1000' map for each group showing the location of the drill holes and claim boundaries.
4. Drill core logs for each drill hole.
5. A table summarizing the drill holes for each group.
6. A summary and breakdown of costs for the work performed on each group of claims.
7. A copy of drill contracts and invoices from Artic Diamond Drilling.
8. Notices to Group for Groups II and III.
9. Affidavits on Application to Record Work for Groups I, II, III and IV.
10. Statement of Qualifications for P. Neilans.

Yours very truly,

R. W. Oddy

R. W. Oddy

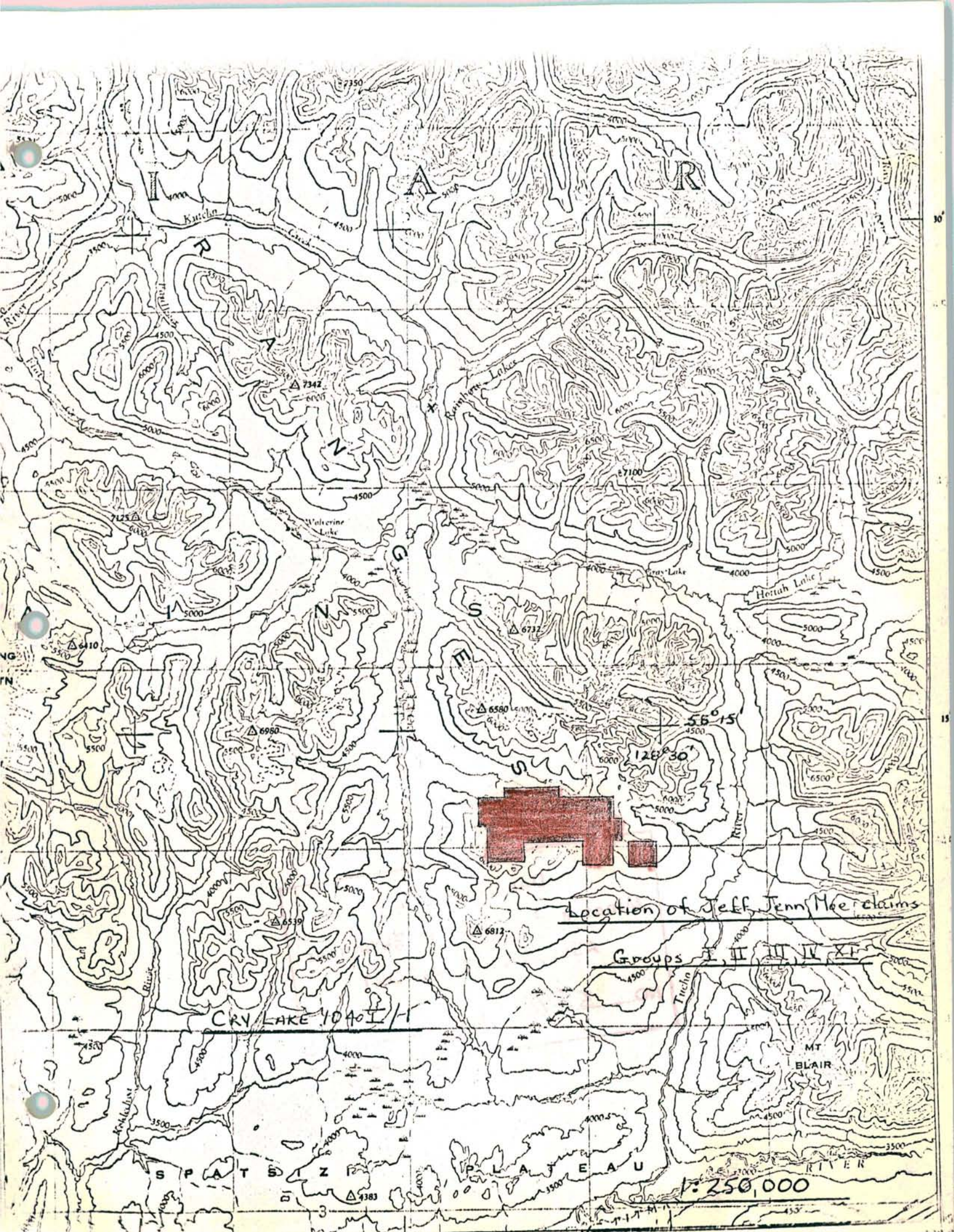
JPN:JT
Encls.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 5641 MAP

MAPS

- #1 - LOCATION MAP
- 2 - CLAIM INDEX MAP
- 3 - DRILL HOLE LOCATION & CLAIM MAP
- 4 - " " " " " "



Location of Jeff, Jenn, Moe claims

Groups I, II, III, IV, XI

CRY LAKE 1040 I/I

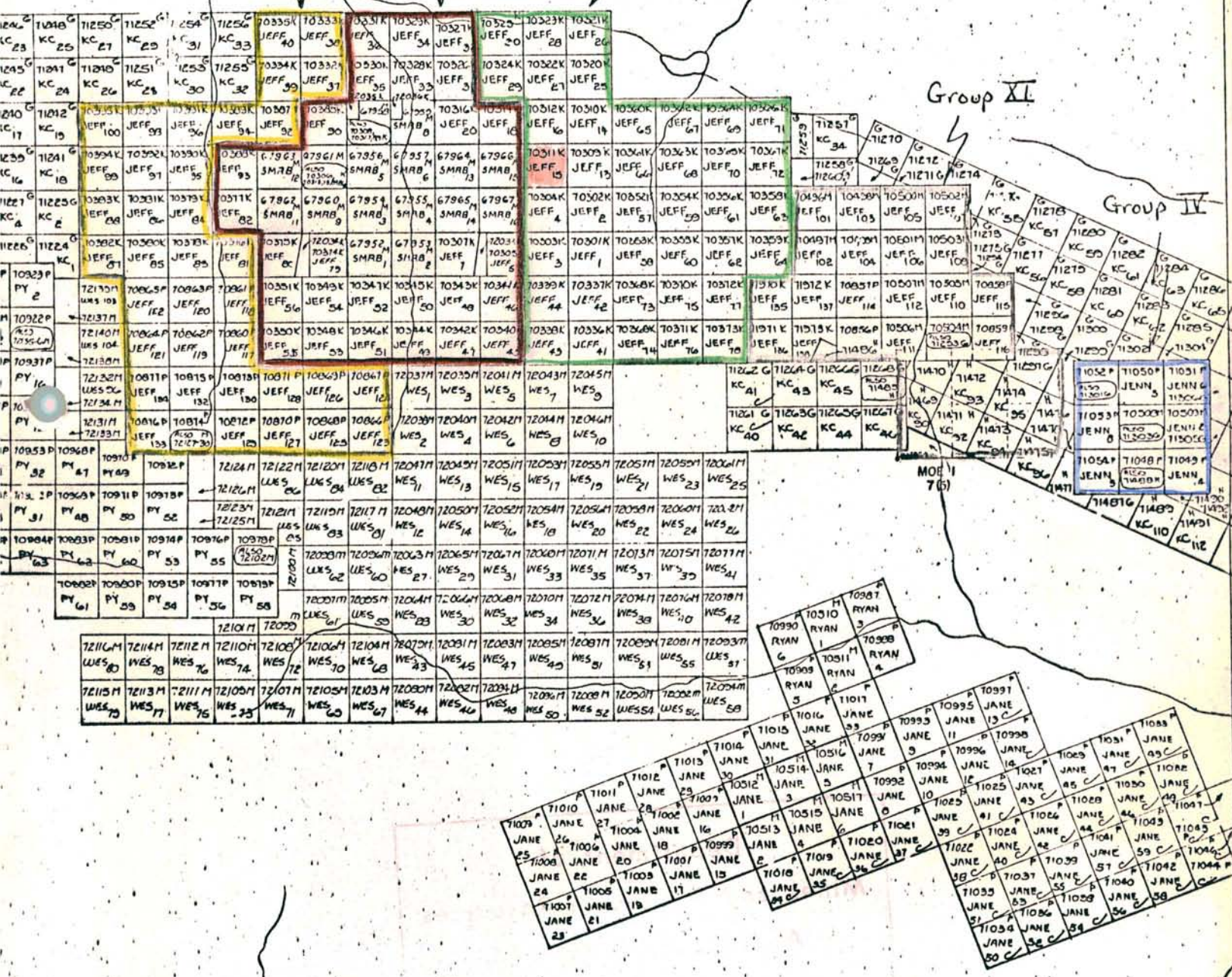
1:250,000



Group III Group II Group I

Group XI

Group IV



Claim Index Map

- Jenn, Jeff, Moe claims

104 I/IW

Scale in Miles



IMPERIAL OIL LIMITED

*Copied to P.S.L.
File
Kutcho
Contracts*

APR 1 REC'D

Minerals Section
E. L. Pekar
Chief Geologist, Western Canada

#314 - 1281 - W. Georgia Street
Vancouver 5, B. C.
Area Code 604 - 681-8231

MV-1512

March 12, 1975

File: 6053

Mr. J.M. Smith
President
Arctic Diamond Drilling Ltd.
184 Industrial Road
Whitehorse, Yukon Territory
Y1A 2V1

Dear Sir:

Your drilling contract for the Kutcho Creek area is accepted on behalf of Imperial, subject to your agreement and acceptance of the following amendments:

Clause 26. - delete and replace with:

When travelling between drill and camp sites exceeds a total of one hour per day per man, the excess time will be charged to the Company at ~~\$8.00~~ per man hour.
\$5.50

Clause 32. - delete and replace with:

The Contractor shall keep the work area and right of way in a neat and orderly condition and where possible remove all rubbish and waste as it accumulates. The Contractor agrees to comply with all the regulations provided by the surface owner and/or the Crown, including bucking, limbing, cutting and piling brush and logs, as may be specified. Upon completion of the work, the Contractor shall rake, fertilize and seed the disturbed portions of the work area and in general endeavour to leave the entire premises and associated rights of way as near to their original state as is reasonably possible, at field cost.

The Contractor and its employees agree to conduct their activities connected with the contract in a workman-like manner, with proper consideration and reasonable regard for the rights and privileges of third parties.

MV-1512 page 2.

Clause 35. - should be re-worded to read:

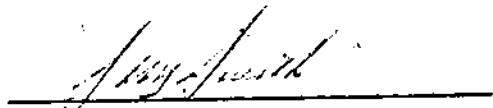
.... neither the Company nor the Contractor shall be held responsible for non-performance of the terms of the contract as a result of strikes, fire, war or any damage or delay due to causes beyond their control.

If the above meet with your approval, would you please signify your acceptance by signing this copy and returning it to this office.

Yours very truly,



E.L. Pekar



Accepted on behalf of
Arctic Diamond Drilling Ltd.

ELP:lr

THIS AGREEMENT DATED THIS 18 DAY OF March 1975

1079
EJP

BETWEEN:

IMPERIAL OIL LIMITED,
1281 West Georgia Street,
Vancouver 5, B.C.

herein called the Company
OF THE FIRST PART

AND:

ARCTIC DIAMOND DRILLING LTD.,
184 Industrial Road,
Whitehorse, Y.T.
Y1A 2V1

herein called the Contractor
OF THE SECOND PART

WHEREAS the Company is the owner of or is otherwise well entitled to enter upon and explore groups of mining claims in the Rainbow Lake area in the Province of British Columbia and herein called the Claims.

NOW THEREFORE IT IS WITNESSED:

1. The Contractor will diamond drill or cause to be diamond drilled not less than four thousand (4,000) feet upon the Claims at drill sites to be selected by the Company.

2. The Contractor will commence drilling on a date agreed upon by the Contractor and the Company.

3. The work under this agreement will be continued with reasonable diligence until completed.

4. All holes shall be drilled with a ~~standard size~~ Longyear '31 drill producing BQ Wireline size core and equipped with a steel mast.

5. The dip of all holes shall be minus 45 degrees or steeper unless otherwise agreed by both parties.

6. No hole shall exceed a length of ~~five hundred~~ ^{two thousand} feet unless otherwise agreed by both parties.

7. Measurements of all holes shall be made from the top of the casing.

8. Penetrating Overburden - The price per foot for drilling in overburden shall be \$10.20 per foot from 0 to 50 feet in depth. If the cost to the contractor of penetrating overburden deeper than 50 feet is greater than \$10.20 per foot, then the Company shall pay the Contractor at field cost for drilling in overburden below such depth.

9. The Company shall pay for all regular core drilling at the following rates:

EJP

EJP

Core Drilling

RQ

Bedrock to 500 feet	\$10.20 per foot
500 feet to 1000 feet	\$10.70 per foot
1000 feet to 1500 feet	\$11.20 per foot

10. Reaming Casing - The price per foot for reaming casing in bedrock shall be \$9.00 per foot from bedrock to 50 feet in depth. If the cost to the Contractor of reaming casing deeper than 50 feet is greater than \$9.00 per foot, then the Company shall pay the Contractor at field cost for reaming casing below such depth.

11. The Company agrees to pay for the following operations on a field cost basis:

- (a) All cementing operations.
- (b) All wedging operations.
- (c) The Company agrees to pay for all casing left in holes at the Company's request.
- (d) All costs arising from a mud and/or calcium chloride circulation operation at the rate of two man hours and one machine hour for every two bags of mud used or part thereof, plus the cost of mud at \$8.00 per bag.
- (e) The removal of all inserted casing and associated material upon completion of drilling on said setup.

12. All field cost operations will be charged to the Company employing the following applications;

Labour	\$10.60 per man hour
Drill Rental	\$7.00 per machine hour
Material Consumed	Cost plus 10%

13. In the event that permafrost, cavities or loose and caving material is encountered of such a nature as to prevent the successful completion of any holes, the Contractor does not, under such conditions, guarantee to drill to a predetermined depth, and in the event that it becomes necessary to abandon the holes, the Company agrees to pay for such uncompleted holes, and the cost of all material unretracted from said holes, at the rates herein specified for all footage completed, and at eighty percent (80%) of the manufacturers cost of equipment and diamond set items unretracted.

14. The Contractor will mobilize and demobilize his men, drill and supplies to and from Dease Lake and will charge ~~the Company~~ \$2,900.00 for same. ~~Should the Contractor's men, drill and supplies on the Sumitomo Metal Mining Canada Ltd. contract become available by commencement date of this contract, the Company will pay the Contractor that portion as agreed upon by the two companies of the mobilization and demobilization charge to Sumitomo Metal Mining Canada Ltd. This charge will be divided equally for the accounts of the Company and Sumitomo Metal Mining Canada Ltd.~~

[Handwritten signature]
11/29

15. Moving in from the mobilization and demobilization point to the Company's property and setting up on hole #1 and tearing down and moving out to the same point at the completion of the contract will be charged to the Company at \$8.00 per man hour. Machine rental will not be chargeable while moving in and setting up and tearing down and moving out.

16. When water supply exceeds 2,000 feet in length and/or 500 feet in elevation, the Company agrees to pay all pumping at field cost. Delays due to frozen water lines or lack of water will be chargeable at field cost.

17. Moving between drill holes will be charged to the Company at field cost.

18. Standby time caused by the Company will be chargeable at field cost. Standby time caused by machine breakdown or lack of drill supplies and equipment will be at the Contractor's expense.

19. The Contractor agrees to assist the Company in the angle acid testing of holes as may be required and designated by the Company and the charge for this shall be \$23.00 per test.

20. The Contractor shall pay all cost and expense in connection with transportation of crews, equipment and supplies between Whitehorse and Dease Lake airstrip. Once at that point, the Company will assume all cost and expense of transportation to and from the property. The Company will supply one weekly service trip between Watson Lake and the property at no cost to the Contractor.

21. The Company will supply cook, food and camp supplies for the Contractors men at no cost to the Contractor.

22. It is agreed that the foreman's daily report will be signed by the Company's engineer and the Contractor's foreman. It is further agreed that the cost items on the signed foreman's daily reports will be invoiced to and paid for by the Company.

23. The Contractor agrees, at its own expense, to comply with all requirements of the Workmen's Compensation Act, Unemployment Insurance Act, Hours of Work and Vacations with Pay Act, and generally all Federal and Provincial Acts and Regulations applicable to the Contractor's operations.

24. Fuel, gas, oil and propane for drills, pumps, heaters and camp will be supplied by the Company at no cost to the Contractor.

25. The Company will provide radio for communication from the property.

26. ~~When travelling between drill and camp sites exceeds thirty (30) minutes each way per day per man, the time will be chargeable to the Company at \$10.00 per hour per man.~~ Replant - refer to letter of March 12, 1975 (attached)


27. Delays caused by lack of transportation or choppers will be chargeable to the Company at field cost.

28. At the completion of four thousand feet (4,000') or more of drilling, the Company may elect to demobilize the men only and leave the drill equipment on the property to continue the programme at a later date. The Contractor will not charge machine rental or standby in that case, but the Company will pay for any extra expense incurred by the Contractor such as travelling time and expenses of the drill crew. Should drilling not recommence by June 5, 1976, the Company will pay the Contractor \$100.00 per day from June 10, 1976, until recommencement of drilling, or demobilization of equipment.

29. The Contractor will supply a core splitter for the Company's use if required at \$60.00 per month.

30. The Contractor will not give out any information regarding drill results or permit access to any drill core to any person other than the Company's accredited representative except upon specific permission of responsible officials of the Company.

31. The Contractor shall comply with all the laws, ordinances, rules, safety and other regulations bearing upon the conduct of the work and shall bear all costs arising from any violation thereof.

32. ~~The Contractor shall at all times keep all parts of the work area in a neat and orderly condition. The Contractor shall remove all rubbish as fast as it accumulates. Upon completion of the work, the Contractor shall remove all excess materials, equipment and rubbish from the camp and drill areas. The Contractor shall do everything necessary to leave the entire premises in a clean, neat and presentable condition.~~ *Replaced - refer to attached letter of March 12, 1975.* 

33. Both the Company and the Contractor reserve the right to terminate this contract for any reason and at the absolute discretion of either party by giving the other ten (10) days written notice of such termination. If the Company so terminates this contract, it shall pay to the Contractor all amounts owing to the Contractor hereunder in respect of the diamond drilling work performed up to the date of termination.

34. Damages and Liability:

(a) The Contractor shall continuously maintain adequate protection of all the work from damage and shall protect the Company's property from injury or loss arising in connection with this contract. The Contractor shall be responsible for any such damage, injury or loss to property, except such as may be directly caused by the agents or employees of the Company.

(b) The Contractor assumes all liability and indemnifies the Company against any liability for injuries or damages to the Contractor's employees or to any other person or persons, incident to or relating from the operation of the Contractor hereunder. The Contractor specifically represents that in performing its obligations under this contract, its status is that of an independent Contractor and that its employees and the employees of the sub-contractors are not the employees of the Company for any purpose whatsoever.

35. In complying with the obligations of the agreement, neither the Company nor the Contractor shall be held responsible for strikes, fire, war or any damage or delay due to causes beyond their control.

36. The Company will pay to the Contractor for all work contemplated by this agreement as the work progresses as follows: For all work done on and before the last day of each calendar month, not later than the 30th day of the calendar month next following; interest at 1% per month will be charged on overdue accounts.

37. The Contractor shall carry public liability and property damage insurance for an amount of not less than one million dollars (\$1,000,000.00).

38. This agreement shall be binding upon and enure to the benefit of the parties hereto and their respective successors and assigns.

39. The commencement date of drilling shall be approximately permit, or as soon thereafter as weather conditions

SIGNED BY:

IN THE PRESENCE OF:

IMPERIAL OIL LIMITED

Mary Jameson ^{ESP}

Edward Petar

ARCTIC DIAMOND DRILLING LTD.

J. M. Smith

N. M. Langston

COST STATEMENT

A. CAMP COST CALCULATION (for entire project)

Equipment		\$	12,989.10
Fuel			1,458.66
Food			5,226.24
Air Support			25,816.08
Fixed Wing	\$	8,820.00	
Helicopter		16,336.08	
		TOTAL:	\$ 45,490.08

\$45,490.08 ÷ 684 man-days = \$66.51 man/day
- camp costs were calculated at a rate of \$66.51 man/day.

B. SALARY CALCULATION (Supervisory & Cook)

1. Group I

HOLE NO.	DATES	PERSONNEL*	RATE	TOTAL
Jeff 10	20/6 - 25/6	P. Neilans (G) W. Dwyer (A) J. Barker (C)	6d x \$39/d 6d x \$28/d 6d x \$47/d	\$ 684.00
Jeff 12	30/6 - 2/7	P. Neilans (G) W. Dwyer (A) J. Barker (C)	3d x \$39/d 3d x \$28/d 3d x \$47/d	342.00
Jeff 13	3/7 - 4/7	P. Neilans (G) W. Dwyer (A) J. Barker (C)	2d x \$39/d 2d x \$28/d 2d x \$47/d	228.00

2. Group II

Jeff 11	26/6 - 29/6	P. Neilans (G) W. Dwyer (A) J. Barker (C)	4d x \$39/d 4d x \$28/d 4d x \$47/d	456.00
Jeff 14	24/6 -	P. Neilans (G)	3d x \$39/d	342.00
Jeff	26/6	W. Dwyer (A) J. Barker (C)	3d x \$28/d 3d x \$47/d	

3. Group III

Jeff W-1	5/7 - 7/7	P. Neilans (G) W. Dwyer (A) J. Barker (C)	3d x \$39/d 3d x \$28/d 3d x \$47/d	342.00
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B. SALARY CALCULATION (Supervisory & Cook)

3. Group III (cont'd.)

HOLE NO.	DATES	PERSONNEL*	RATE	TOTAL
Jeff W-2	8/7 - 10/7	P. Neilans (G)	3d x \$39/d	\$ 342.00
		W. Dwyer (A)	3d x \$28/d	
		J. Barker (C)	3d x \$47/d	
Jeff W-3	11/7 - 13/7	P. Neilans (G)	3d x \$39/d	342.00
		W. Dwyer (A)	3d x \$28/d	
		J. Barker (C)	3d x \$47/d	

4. GROUP IV

Jenn #2	18/7 - 20/7	P. Neilans (G)	3d x \$39/d	342.00
		W. Dwyer (A)	3d x \$28/d	
		S. McWhinnie (C)	3d x \$47/d	

* (G) Geologist, (A) Assistant, (C) Cook

JUL 26 1975

ARCTIC DIAMOND DRILLING LTD.

~~PO BOX 3204~~ 184 Industrial Road
Whitehorse, Yukon Territory Y1A 2V1

730 - 510 W. Hastings Street,
Vancouver, B.C.

Marwell Area - Phone ~~688-2440~~ 667-6434

Phone 688-3328

June 29, 1975
INVOICE #1765

IN ACCOUNT WITH:

Imperial Oil Ltd.,
1281 West Georgia Street,
Vancouver 5, B.C.

Drilling charges June 13 - 29, 1975

<u>Mobilization Charges</u>		
Re: Clause 14 of Contract - 1/2 x 1/2 x \$2900.00	\$ 725.00 ✓	
<u>Moving in and Setting Up on Hole #1</u>		
✓ 138 man hours @ \$8.00 per hour =	<u>1,104.00 ✓</u>	\$1,829.00 ✓
<u>Hole: Bow 7 - 500' x BQ</u>		
<u>Overburden</u> ✓		
0 - 13 = 13 feet @ \$10.20 per foot =	\$ 132.60 ✓	
<u>Reaming Casing</u>		
13 - 17 = 4 feet @ \$9.00 per foot =	36.00 ✓	
<u>Core Drilling</u> ✓		
✓ 13 - 354 = 341 feet @ \$10.20 per foot =	3,478.20 ✓	
<u>Testing</u>		
✓ 2 tests @ 20' and 367' @ \$23.00 per test =	<u>46.00 ✓</u>	\$3,692.80 ✓
<u>Hole: Jeff 10 - 550' x BQ</u>		
<u>Moving in and Setting Up</u>		
126 man hours @ \$10.60 per hour =	\$1,335.60 ✓	
<u>Overburden</u>		
0 - 9 = 9 feet @ \$10.20 per foot =	91.80 ✓	
<u>Reaming Casing</u> ✓		
9 - 11 = 2 feet @ \$9.00 per foot =	18.00 ✓	
<u>Core Drilling</u>		
9 - 500 = 491 ft. @ \$10.20 per ft. = \$5,008.20 ✓		
500 - 998 = 498 ft. @ \$10.70 = <u>5,328.60 ✓</u>	10,336.80 ✓	
<u>Testing</u>		
✓ 6 tests at 10', 200', 400', 600', 800', 998' @ \$23.00 per test	<u>138.00 ✓</u>	\$11,920.20 ✓

...../2

JUL 25 ENT'8

ARCTIC DIAMOND DRILLING LTD.

Page 2

Invoice #1765 - Imperial Oil Ltd. - Cont'd

Hole: Jeff-11 - 50° x BQ

Moving In & Setting Up

✓ 86 man hours @ \$10.60 per hour = \$ 911.60 ✓

Overburden ✓

0 - 15 = 15 feet @ \$10.20 per foot = 153.00 ✓

Reaming Casing

15 - 17 = 2 feet @ \$9.00 per foot = 18.00 ✓

Core Drilling ✓

15 - 347 = 332 feet @ \$10.20 per foot = 3,386.40 ✓

Testing

✓ 3 tests at 20', 200' x 347' @ \$23.00 per test = 69.00 ✓ \$4,538.00 ✓

Materials Left in Hole #Jeff 10

✓ 1 only BW shoe #I4ZW656 = \$ 132.40 -

✓ 1 only 10' BW casing 49.85 -

\$ 182.25 ✓

Plus 10%

18.23 ✓

\$ 200.48 ✓

TOTAL INVOICE

\$22,180.48 ✓

APPROVED FOR PAYMENT

BY [Signature]

CHARGE 83-025-28-6053-1150-3201

= 22,180.48

JUL 23 RECD

ARCTIC DIAMOND DRILLING LTD.

~~PO BOX 3204~~ 184 Industrial Road
Whitehorse, Yukon Territory Y1A 2V1

730 - 510 W. Hastings Street,
Vancouver, B.C.

Marwell Area - Phone ~~668-2440~~ 667-6434

Phone 688-3328

July 13, 1975

INVOICE #1769

IN ACCOUNT WITH:

Imperial Oil Limited,
1281 West Georgia Street,
Vancouver 5, B.C.

Drilling charges June 29th - July 13, 1975

<u>Hole: #12 - 50° x BQ</u>		
<u>Moving In & Setting Up</u>		
64 man hours @ \$10.60 per hour =	\$ 678.40 ✓	
<u>Overburden</u>		
0 - 15 = 15 feet @ \$10.20 per foot =	153.00 ✓	
<u>Reaming Casing</u>		
15 - 19 = 4 feet @ \$9.00 per foot =	36.00 ✓	
<u>Core Drilling</u>		
15 - 278 = 263 feet @ \$10.20 per foot =	2,682.60 ✓	
<u>Testing</u>		
2 tests @ 20' & 278' @ \$23.00 per test =	<u>46.00 ✓</u>	\$3,596.00 ✓

<u>Hole: #13 - 60° x BQ</u>		
<u>Moving In & Setting Up</u>		
64 man hours @ \$10.60 per hour =	\$ 678.40 ✓	
<u>Overburden</u>		
0 - 38 = 38 feet @ \$10.20 per foot =	387.60 ✓	
<u>Reaming Casing</u>		
38 - 41 = 3 feet @ \$9.00 per foot =	27.00 ✓	
<u>Core Drilling</u>		
38 - 328 = 290 feet @ \$10.20 per foot =	2,958.00 ✓	
<u>Testing</u>		
2 tests @ 42' & 328' @ \$23.00 per test =	<u>46.00 ✓</u>	\$4,097.00 ✓

<u>Hole: Jeff W #1 - 50° x BQ</u>		
<u>Moving In & Setting Up</u>		
76 man hours @ \$10.60 per hour =	\$ 805.60 ✓	
<u>Overburden</u>		
0 - 9 = 9 feet @ \$10.20 per foot =	91.80 ✓	
<u>Core Drilling</u>		
9 - 308 = 299 feet @ \$10.20 per foot =	3,049.80 ✓	
<u>Testing</u>		
2 tests @ 9' & 308' @ \$23.00 per test =	<u>46.00 ✓</u>	\$3,993.20 ✓

ARCTIC DIAMOND DRILLING LTD.

Page 2

Invoice #1769 - Imperial Oil Limited - Cont'd

Hole: Jeff W #2 - 50° x BQ

Moving In & Setting Up

70 man hours @ \$10.60 per hour = \$ 742.00 ✓

Overburden

0 - 15 = 15 feet @ \$10.20 per foot = 153.00 ✓

Reaming Casing

15 - 19 = 4 feet @ \$9.00 per foot = 36.00 ✓

Core Drilling

15 - 298 = 283 feet @ \$10.20 per foot = 2,886.60 ✓

Testing

2 tests @ 19' & 298' @ \$23.00 per test = 46.00 ✓ \$3,863.60 ✓

Hole: Jeff W #3 - 50° x BQ

Moving In & Setting Up

52 man hours @ \$10.60 per hour = \$ 551.20 ✓

Overburden

0 - 25 = 25 feet @ \$10.20 per foot = 255.00 ✓

Reaming Casing

25 - 27 = 2 feet @ \$9.00 per foot = 18.00 ✓

Core Drilling

25 - 308 = 283 feet @ \$10.20 per foot = 2,886.60 ✓

Testing

2 tests @ 27' & 308' @ \$23.00 per test = 46.00 ✓ \$3,756.80 ✓

Materials Left in Hole: Jeff W #2

✓1 only BW casing shoe #I42W657 \$ 88.26

✓1 only 2' length BW casing @ \$15.45 15.45

103.71 ✓

Plus 10%

10.37 ✓

\$ 114.08 ✓

Materials Left in Hole: Jeff W #3

✓1 only BW casing shoe #I42W666 = \$ 88.26

✓2 only 2' lengths BW casing @ \$15.45 each = 30.90

\$ 119.16

Plus 10%

11.92

\$ 131.08 ✓

TOTAL INVOICE

\$19,551.76 ✓

APPROVED FOR PAYMENT

BY *[Signature]*

CHARGE 83-025-28-6053-1150-3201

AUG 15 REC'D

ARCTIC DIAMOND DRILLING LTD.

P.O. Box 3204, 184 Industrial Rd.
Whitehorse, Yukon Territory Y1A 2V1

730 - 510 W. Hastings Street.
Vancouver, B.C.

Marwell Area - Phone ~~668-2449~~ 667-6434

Phone 688-3328

July 25, 1975

INVOICE #1780

IN ACCOUNT WITH:

Imperial Oil Limited,
#314 - 1281 West Georgia Street,
Vancouver 5, B.C.

Drilling charges July 12 - 25, 1975

Hole: Jeff-E-1 - 50° x BQ

<u>Moving</u>		
74 man hours @ \$10.60 per hour =	\$784.40	
<u>Overburden</u>		
0 - 9 = 9 feet @ \$10.20 per foot =	91.80	
<u>Reaming Casing</u>		
9 - 11 = 2 feet @ \$9.00 per foot =	18.00	
<u>Core Drilling</u>		
9 - 328 = 319 feet @ \$10.20 per foot =	3,253.80	
<u>Testing</u>		
2 tests @ 7' and 328' @ \$23.00 each =	46.00	\$4,194.00

Hole: Jenn-2 - 50° x BQ

<u>Moving</u>		
71 man hours @ \$10.60 per hour =	\$752.60	
<u>Overburden</u>		
0 - 3 = 3 feet @ \$10.20 per foot =	30.60	
<u>Reaming Casing</u>		
3 - 14 = 11 feet @ \$9.00 per foot =	99.00	
<u>Core Drilling</u>		
3 - 398 = 395 feet @ \$10.20 per foot =	4,029.00	
<u>Testing</u>		
2 tests @ 14' and 398' @ \$23.00 each =	46.00	\$4,957.20

^E
Hole: Jeff-X2 - 50° x BQ

<u>Moving</u>		
64 man hours @ \$10.60 per hour =	\$678.40	
<u>Overburden</u>		
0 - 12 = 12 feet @ \$10.20 per foot =	122.40	
<u>Reaming Casing</u>		
12 - 15 = 3 feet @ \$9.00 per foot =	27.00	
<u>Core Drilling</u>		
12 - 348 = 336 feet @ \$10.20 per foot =	3,427.20	
<u>Testing</u>		
2 tests @ 12' and 348' @ \$23.00 each =	46.00	\$4,301.00

ARCTIC DIAMOND DRILLING LTD.

Page 2

Invoice #1780 - Imperial Oil Limited - Cont'd

Hole: Jeff #14 - 50° x BQMoving

70 man hours @ \$10.60 per hour = \$742.00

Overburden

0 - 2 = 2 feet @ \$10.20 per foot = 20.40

Reaming Casing

2 - 5 = 3 feet @ \$9.00 per foot = 27.00

Core Drilling

2 - 500 = 498 ft. @ \$10.20 per ft. = \$5,079.60

500 - 618 = 118 ft. @ \$10.70 per ft. = 1,262.60 6,342.20Testing2 tests @ 5' and 500' @ \$23.00 per test = 46.00 \$7,177.60Materials Consumed

1 only BW casing shoe #J4ZW665 \$132.40

2 only 2' lengths BW casing @ \$15.25 ea. = 30.50(left in hole #Jeff-14) \$162.90

Plus 10 %

16.29

\$ 179.19

Materials delivered to property in March /75
- not there on commencement of drilling in
June /75

1 only Propane torch \$43.62

1 only 25# propane tank 36.85\$80.47

Plus 10%

8.05

\$ 88.52

Demobilization

Re: clause #14 of contract - 1/2 x 1/2 x 2900.00 = \$725.00

Moving - from hole Jeff #1432 man hours @ \$10.60 per hour = 339.20\$1,064.20

TOTAL INVOICE

\$21,961.71NOTE:

PLEASE MAKE PAYMENT TO OUR WHITEHORSE OFFICE ONLY.

DIAMOND DRILL CORE LOG

DRILL HOLE NO. JEFF #10 LOCATION: L27 + 65W, 13 + 85N
 CLAIM: Jeff #15 claim
AZIMUTH: 185° CORE SIZE: BQWL

INCLINATION: -55° CORE STORAGE: Property

ELEVATION:

DESCRIPTION

FROM	TO	DESCRIPTION
0	11	Overburden
11	15	Hornblende Quartz Diorite: dark green, fine to medium grained; sheared hornblende laths (4-5 mm) in a fine matrix of feldspar, quartz and minor mafics; chlorite and sericite alteration weak, weakly foliated; trace pyrite; chalcopyrite disseminated throughout.
15	26	Feldspar Porphyritic Rhyolite-Dacite: off white to light green, very fine grained; very siliceous matrix becoming more felsic downhole; feldspar laths (2 mm) in a quartz feldspar, mafic matrix, moderately foliated and sericitized; minor pyrrhotite, trace pyrite, chalcopyrite.
26	73.5	Hornblende Quartz Diorite: see section 11-15; strong sideritic sections with numerous calcite veinlets.
73.5	83.5	Quartz Porphyritic Rhyolite: light green, fine grained; 1 mm round quartz eyes in a quartzo-feldspathic matrix; strongly foliated with heavy sericite on foliation planes, minor pyrite, trace chalcopyrite.
83.5	107	Interbedded Volcanic Sediments: dark grey, black to greyish-green, fine grained sandstones, siltstones and tuff breccias; mostly quartzo-feldspathic debris, minor graphite in laminations; minor pyrite, pyrrhotite, chalcopyrite.
107	443	Dacitic Breccia; grey to green, aphanitic, soft to hard in patches; quartzo-feldspathic matrix with minor mafics; fragments of rhyolitic composition common to 15 mm wide; minor quartz and feldspar phenocrysts (?) to 2-3 mm; very sericitic on foliation planes in some patches; very hematitic in the siliceous sections; generally inhomogeneous, mottled in appearance; minor pyrite, trace pyrrhotite, chalcopyrite.

DIAMOND DRILL CORE LOG

DRILL HOLE NO. JEFF #10 (Cont'd.) LOCATION:
AZIMUTH: CLAIM:
INCLINATION: CORE SIZE:
ELEVATION: CORE STORAGE:

DESCRIPTION

FROM	TO	DESCRIPTION
443	478.5	Dolomitic Rhyolite Breccia: greenish to pinkish white, aphanitic; very siliceous, very little matrix; mostly rhyolitic or dacitic fragments up to 20 mm, unsorted, chaotic; minor hematite, chlorite, moderate sericite; strongly foliated; minor pyrite.
478.5	555	Fragmental Rhyolite: dark to medium grey, aphanitic; siliceous, sericitic; mostly rhyolitic fragments (5-6 mm) in a quartzo-feldspathic matrix with minor round dolomite crystals, minor chlorite on strongly developed foliation planes; minor pyrite, chalcoppyrite, limonite.
555	577.5	Feldspar-Quartz Porphyritic Dacite: medium to dark green, fine grained, mostly 2-3 mm feldspar augens in a sheared quartz, feldspar, chloritized hornblende matrix; minor quartz eyes, 1-4 mm; sorted, very competent; weakly foliated; trace pyrite.
577.5	650	Fragmental Rhyolite: see section 478.5 - 555, minor sphalerite.
650	663	Feldspar-Quartz Porphyritic Dacite: see section 555-577.5
663	669	Fragmental Rhyolite: see section 478.5-555
669	701	Feldspar-Quartz Porphyritic Dacite: see section 555-577.5
701	812	Feldspar Porphyritic Rhyodacite: light green to greyish green, fine grained; 6-15 mm feldspar (?), may be dolomite, phenocrysts and siliceous fragments (6-10 mm) in a quartz, feldspar, chlorite, aphanitic matrix; weakly banded in sections; moderately foliated with chlorite, sericite on foliations; minor pyrite, trace chalcoppyrite.
812	925	Fragmental Rhyolite: see section 478.5-555; no chalcoppyrite or sphalerite.

DIAMOND DRILL CORE LOG

DRILL HOLE NO.

JEFF #10 (Cont'd.) LOCATION:

CLAIM:

AZIMUTH:

CORE SIZE:

INCLINATION:

CORE STORAGE:

ELEVATION:

DESCRIPTION

FROM	TO	
925	941	Feldspar Porphyritic Rhyodacite: see section 701-812.
941	998	Fragmental Rhyolite: see section 478.5-555 no chalcopyrite or sphalerite.
	998	End of hole.

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DIAMOND DRILL CORE LOG

DRILL HOLE NO. JEFF #11 LOCATION: L36W, 30N
AZIMUTH: 180° CLAIM: Jeff #18 claim
INCLINATION: -50° CORE SIZE: BOWL
ELEVATION:

DESCRIPTION

FROM	TO	DESCRIPTION
0	17	Overburden
17	46	Argillaceous Sandstone: greenish to grey-brown, fine grained; banded at 40-85° to core axis, mainly quartz, feldspar, biotite with weak sericitization; minor pyrite in bands.
46	99	Tuffwacke: buff green, fine grained; weakly banded, poorly sorted; feldspar grains and dacitic fragments in a chloritic matrix; clay rich sections; minor pyrite.
99	116	Graphitic Shale: black to grey, aphanitic; strongly fissile with minor siliceous lenses; minor pyrite, pyrrhotite.
116	221	Dacitic Tuff: grey, green with white, fine grained; clay altered feldspar laths in a chloritic matrix; occasional lithic fragments less than 1 cm; minor sericite and quartz eyes; minor pyrite, pyrrhotite.
221	246	Shaly Argillite: light to dark grey, banded, aphanitic; fissile, graphitic bands; minor calcite, pyrite, pyrrhotite.
246	280	Tuffaceous Sandstone: grey, mottled, fine grained; weakly foliated with sericite on foliation planes; minor quartz eyes in a quartz, feldspar, chlorite (?) matrix; minor pyrite, pyrrhotite.
280	302.5	Shaly Argillite: see section 221-246.
302.5	347	Tuffaceous Shale: green to grey, massive, aphanitic to fine grained; interbedded with sandy layers; occasional lithic fragment to 2-5 mm; minor pyrrhotite.
	347	End of hole.

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DIAMOND DRILL CORE LOG

DRILL HOLE NO. JEFF #12 LOCATION: L20W, 27 + 20N
AZIMUTH: 180° CLAIM: Jeff #15
INCLINATION: -50° CORE SIZE: BQWL
ELEVATION:

CORE STORAGE: Property

DESCRIPTION

FROM	TO	DESCRIPTION
0	15	Overburden
15	46	Tuffaceous Argillic Sandstone: light green to brown, mottled, aphanitic to fine grained; banded, moderately sorted; occasional augen shaped relict fragments, minor calcite, chlorite, biotite, pyrrhotite.
46	76.5	Tuffaceous Sandstone: pale green to grey, fine grained; quartz, feldspar grains in a chlorite sericite matrix; weakly foliated; minor pyrrhotite, pyrite, trace chalcopyrite.
76.5	88	Tuffaceous Argillite: white on black, fine to medium grained, irregular quartz and feldspar grains, augen shaped, lithic fragments up to 10 cm in a black shaly matrix; pyrite, pyrrhotite on foliations.
88	95	Tuffaceous Sandstone: buff grey, mottled, medium grained; quartz and feldspar grains in an argillic matrix; minor rhyolitic fragments to 2 cm; minor pyrite, sericite.
95	178.5	Tuffaceous Argillite: interbedded siliceous to felsic, black to grey, laminated tuffs; some graphitic partings; some rhyolitic fragments to 2 cm; minor calcite, pyrite, pyrrhotite, trace chalcopyrite; moderately foliated.
178.5	241	Tuffaceous Sandstone-Siltstone: pale green with some dark grey argillic sections; weakly foliated; fine grained with andesite-dacite fragments to 1 cm; trace pyrite, pyrrhotite, chalcopyrite.
241	278	Metagabbro: grey-green to black, medium grained; altered feldspar and hornblende phenocrysts in a chloritic-biotitic matrix; minor calcite; minor pyrite, pyrrhotite, trace chalcopyrite; weakly foliated.
278	278	End of hole.

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DIAMOND DRILL CORE LOG

DRILL HOLE NO. JEFF #13 LOCATION: L4W, 0 + 45S
AZIMUTH: 180° CLAIM: Jeff #1 claim
INCLINATION: -50° CORE SIZE: BQWL
ELEVATION:

DESCRIPTION

FROM	TO	DESCRIPTION
0	41	Overburden
41	77	Quartz Porphyritic Rhyolite: silver grey, fine grained; strongly foliated at 30° to core axis; quartz eyes to 3-4 mm in a quartz, feldspar, sericite matrix; minor chlorite and clay alteration; minor pyrite, trace chalcopyrite; sphalerite.
77	213.5	Quartz-Feldspar Porphyritic Rhyolite: similar to above unit but approximately half the phenocrysts are feldspar, roughly 1 cm; strongly foliated at 50-80° to the core axis; pyrite, chalcopyrite and trace sphalerite.
213.5	298.5	Porphyritic Dacite: green, fine grained; matrix is quartz, feldspar, sericite, chlorite; occasional rhombic feldspar phenocrysts and fine quartz eyes; numerous quartz rich section; minor pyrite, trace chalcopyrite.
298.5	328	Quartz-Feldspar Porphyritic Rhyolite: see section 77-213.5; no chalcopyrite or sphalerite.
	328	End of hole.

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DIAMOND DRILL CORE LOG

DRILL HOLE NO. JEFF #14 LOCATION: L34W, 4N
AZIMUTH: 180° CLAIM: Jeff #6
INCLINATION: -50° CORE SIZE: BQWL
ELEVATION:

DESCRIPTION

FROM	TO	DESCRIPTION
0	2	Overburden
2	78	Quartz Porphyrite Rhyolite: coarse grained; grey; quartz and feldspar eyes to 8 mm, commonly 2 mm; sericitized along foliation planes; minor chlorite, minor limonite and pyrite.
78	178	Fragmental Rhyolite: fine grained, greyish-green to off-white; quartzo-feldspathic fragments sheared out to 3-15 mm in width; limonitic sections, minor chlorite; pyrite, chalcopryite, bornite, sphalerite in varying amounts.
178	229	Fragmental Rhyodacite: very similar to above unit, more strongly foliated; chlorite sections, bull quartz, minor hematite; minor pyrite, trace chalcopryite.
229	309	Feldspar Porphyrite Rhyodacite: green to off-white, fine grained; minor chlorite, strongly sericitized; round metacrysts (?) of feldspar, 2-3 mm; minor quartzo-feldspathic fragments to 2-3 cm wide; minor pyrite, trace chalcopryite.
309	383	Tuff Breccia: pinkish-white to green, fine grained; chloritized, sericitized, banded; quartzo-feldspathic fragments to 7 cm, commonly 5-10 mm; some feldspar metacrysts (?) in the chloritic sections; minor pyrite, trace chalcopryite.
383	464	Feldspar Porphyritic Rhyodacite: very fine grained, pale green; 10-20mm metacrysts of feldspar-dolomite (?); some siliceous fragments to 5-10 mm wide; chlorite and sericite on foliation planes; minor pyrite, chalcopryite, sphalerite.
464	495	Fragmental Rhyolite: same as section 78-178; minor pyrite, chalcopryite, sphalerite.
495	546	Chloritic Tuff: fine grained, green, banded, strongly chloritized, moderate sericite; 1-2 mm and larger feldspar metacrysts (?) common; some 2 mm quartz eyes;

DIAMOND DRILL CORE LOG

DRILL HOLE NO.

JEFF #14 (cont'd.) LOCATION:

CLAIM:

AZIMUTH:

CORE SIZE:

INCLINATION:

CORE STORAGE:

ELEVATION:

DESCRIPTION

FROM TO

546 618

weakly foliated; minor pyrite, chalcopyrite, sphalerite.

Feldspar Porphyritic Rhyodacite: see section 383-464

618

End of hole.

J. Peter Neilans

DIAMOND DRILL CORE LOG

DRILL HOLE NO. JEFF W-1 LOCATION: L40W, 1S
AZIMUTH: 180° CLAIM: Jeff #99
INCLINATION: -50° CORE SIZE: BOWL
ELEVATION:

CORE STORAGE: Property

DESCRIPTION

FROM	TO	DESCRIPTION
0	10	Overburden
10	78	Quartz Porphyritic Rhyolite: light grey to green, medium grained; quartz eyes, rounded to 3-4 mm common; matrix is quartzo-feldspathic with some sericite, talc (?); strongly foliated; minor pyrite.
78	110	Feldspar Porphyritic Rhyodacite (?): dark grey to off-white, medium grained; phenocrysts of feldspar in a quartzo-feldspathic matrix; phenocrysts 2-3 mm common; weakly foliated with strong sericitization along foliations; minor pyrite.
110	318	Quartz-Feldspar Porphyritic Rhyodacite: silver grey to dark grey, medium grained; quartz and feldspar augens sheared out in a granular matrix of quartz, feldspar and sericite; strongly foliated, minor kink folds; minor pyrite.
	318	End of hole.

J. Peter Neilans

DIAMOND DRILL CORE LOG

DRILL HOLE NO. JEFF W-2 LOCATION: L27 + 70W, 4 + 25N
AZIMUTH: 190° CLAIM: Jeff #97
INCLINATION: -50° CORE SIZE: BQWL
ELEVATION:

DESCRIPTION

FROM	TO	DESCRIPTION
0	15	Overburden
15	81	Hornblende Metagabbro (?): green, medium grained; hornblende phenocrysts in a matrix of quartz, feldspar, chlorite, sericite; minor quartz and feldspar phenocrysts; minor quartzo-feldspathic rock fragments sheared out parallel to foliation; weakly foliated; trace pyrite.
81	168	Tuffaceous Siltstone - Sandstone: light to medium green, very fine grained to fine grained; granular clastic texture; composed of dacitic to andesitic fragments plus quartz; weakly foliated, interbedded at 75-70° to the core axis; minor black shale, minor pyrite.
168	194	Graphitic Shale (Argillite): black to grey, very fine grained; strongly foliated with coarser clastic bands parallel to foliation; minor calcite veinlets; trace pyrite.
194	248	Tuffaceous Shale (Argillite): green, very fine grained; interbedded with coarser sandy layers; minor calcite veinlets; minor pyrite.
248	298	Quartz (Feldspar) Porphyritic Rhyolite: light grey-green, fine grained; quartz and feldspar and feldspar eyes up to 5 mm in a quartzo-feldspathic matrix; minor chlorite, moderate sericite along foliation planes; minor acid rock fragments sheared along foliations; trace pyrite.
	298	End of hole.

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DIAMOND DRILL CORE LOG

DRILL HOLE NO. JEFF W-3 LOCATION: L16W, 2 + 50S
AZIMUTH: 180° CLAIM: Jeff 95 claim
INCLINATION: -50° CORE SIZE: BQWL
ELEVATION:

DESCRIPTION

FROM	TO	DESCRIPTION
0	25	Overburden
25	308	Quartz Porphyritic Rhyolite: silver grey to dark grey, medium grained; quartz eyes with minor feldspar eyes to 2-3 mm; matrix is quartz, feldspar and sericite; strongly foliated 10-50° to core axis; sericitic and granular along foliation planes; minor quartzo-feldspathic rock fragments sheared out to 5 mm common; minor pyrite.
	308	End of hole.

J. Peter Neilans

DIAMOND DRILL CORE LOG

DRILL HOLE NO. JENN #2 LOCATION: L152E, 2 + 50S
AZIMUTH: 203° CLAIM: Jenn #1
INCLINATION: -50° CORE SIZE: BQWL
ELEVATION:

DESCRIPTION

FROM	TO	DESCRIPTION
0	8	Overburden
8	16.5	Chloritic Siltstone: dark green, fine grained; weakly banded; chlorite, minor epidote, occasional acid fragment; trace pyrite.
16.5	154	Quartz Porphyritic Rhyolite: green to grey, fine grained; quartz eyes to 5 mm common; minor feldspar phenocrysts; calcite, sericite, limonite on fractures, minor bull quartz veins; minor pyrite.
154	171	Tuffaceous Siltstone: green, fine grained, banded, homogeneous; mainly chlorite, feldspar and quartz; minor sericite on foliation planes; minor pyrite, trace chalcopryrite, sphalerite.
171	180	Felsic Siltstone (Tuff?): dark grey, soft, granular, homogeneous, bedded perpendicular to core axis; some resorbed quartz eyes to 2-3 mm; minor pyrite.
180	239	Tuffaceous Siltstone: see section 154-171; minor pyrite, chalcopryrite, trace sphalerite.
239	252.5	Calcic Tuff: grey, fine grained, banded; mainly feldspar and calcite with minor mafics; numerous calcite veinlets randomly oriented; moderately foliated; minor pyrite.
252.5	255.5	Tuffaceous Siltstone: see section 154-171.
255.5	266.5	Dacite (?): dark green, fine grained; chloritized, epidotized, possibly a dyke; matrix is mainly feldspar laths and chloritized hornblende; minor quartz and chlorite metacrysts; trace pyrite.
266.5	398	Tuffaceous siltstone: see section 154-171
	398	End of hole.

J. Peter Neilans

STATEMENT OF QUALIFICATIONS

I, J. PETER NEILANS, of Vancouver, British Columbia, hereby certify the following qualifications:

(a) I obtained a B.A.Sc. degree in Geological Engineering (1973) from the University of British Columbia, Vancouver, B.C.

(b) I have been practising my profession as a geological engineer in Canada for two years.

J. Peter Neilans
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SUMMARY OF DRILLING - GROUP NO. I

HOLE NO.	GRID LOCATION	DATES	CONTRACTOR	DRILL TYPE	AZIMUTH	ANGLE	TOTAL LENGTH	HORIZ. PROJ.	VERT. PROJ.	TOTAL COST	COST/FOOT
JEFF #10	L27 + 65W, 13 + 85N	20/6 - 25/6	Arctic Diamond Drilling Ltd.	Longyear 38	185°	-55°	998	572	816	\$119,579.14	\$ 19.62
JEFF #12	L20W, 27 + 20N	30/6 - 2/7	"	"	180°	-50°	278	179	213	6,788.55	24.42
JEFF #13	L4W, 0 + 45S	3/7 - 4/7	"	"	180°	-50°	328	211	251	7,209.32	21.98

SUMMARY OF DRILLING - GROUP NO. II

WELL NO.	GRID LOCATION	DATES	CONTRACTOR	DRILL TYPE	AZIMUTH	ANGLE	TOTAL LENGTH	HORIZ. PROJ.	VERT. PROJ.	TOTAL COST	COST/FOOT
JEFF #11	L36W, 30N	26/6 - 29/6	Arctic Diamond Drill Drilling Ltd.	Longyear 38	180°	-50°	347	223	266	\$ 8,509.53	\$ 24.52
JEFF #14	L34W, 4N	24/6 - 26/6	"	"	180°	-50°	618	397	473	11,835.66	19.15

SUMMARY OF DRILLING - GROUP NO. III

WELL NO.	GRID LOCATION	DATES	CONTRACTOR	DRILL TYPE	AZIMUTH	ANGLE	TOTAL LENGTH	HORIZ. PROJ.	VERT. PROJ.	TOTAL COST	COST/FOOT
JEFF W-1	L40W, 1S	5/7 - 7/7	Arctic Diamond Drilling Ltd.	Longyear 38	180°	-50°	318	204	244	\$ 8,155.99	\$ 25.65
JEFF W-2	L27 + 70W, 4 + 25N	8/7 - 10/7	"	"	190°	-50°	298	192	228	7,931.35	26.62
JEFF W-3	L16W, 2 + 50S	11/7 - 13/7	"	"	180°	-50°	308	198	236	8,129.65	26.39

SUMMARY OF DRILLING - GROUP NO. IV

HOLE NO.	GRID LOCATION	DATES	CONTRACTOR	DRILL TYPE	AZIMUTH	ANGLE	TOTAL LENGTH	HORIZ. PROJ.	VERT. PROJ.	TOTAL COST	COST/FOOT
JENN #2	L152E, 2 + 50S	18/7 - 20/7	Arctic Diamond Drilling Ltd.	Longyear 38	203°	-50°	398	256	304	\$ 9,699.79	\$ 24.37

DRILL COST SUMMARY

GROUP I

HOLE NO.	DIRECT DRILL.	MOB/DEMOB	FUEL	HELICOPTER	CAMP	SALARIES SUPERVISORY/COOK	TOTAL	COST/FOOT
JEFF #10	\$ 12,120.68	\$ 474.38	\$ 1,207.58	\$ 2,299.08	\$ 2,793.42	\$ 684.00	\$ 19,579.14	\$ 19.62
JEFF #12	3,596.00	474.38	336.38	643.08	1,396.71	342.00	6,788.55	24.42
JEFF #13	4,097.00	474.38	396.88	1,081.92	931.14	228.00	7,209.32	21.98
							\$ 33,577.01	

DRILL COST SUMMARY

GROUP II

HOLE NO.	DIRECT DRILL.	MOB/DEMOB	FUEL	HELICOPTER	CAMP	SALARIES SUPERVISORY/COOK	TOTAL	COST/FOOT
JEFF #11	\$ 4,538.00	\$ 474.38	\$ 419.87	\$ 759.00	\$ 1,862.28	\$ 456.00	\$ 8,509.53	\$ 24.52
JEFF #14	7,356.79	474.38	747.78	1,518.00	1,396.71	342.00	11,835.66	19.15
							\$ 20,345.19	

DRILL COST SUMMARY

GROUP III

HOLE NO.	DIRECT DRILL.	MOB/DEMOB	FUEL	HELICOPTER	CAMP	SALARIES SUPERVISORY/COOK	TOTAL	COST/FOOT
JEFF W-1	\$ 3,993.20	\$ 474.38	\$ 384.78	\$ 1,564.92	\$ 1,396.71	\$ 342.00	\$ 8,155.99	\$ 25.65
JEFF W-2	3,977.68	474.38	360.58	1,380.00	1,396.71	342.00	7,931.35	26.62
JEFF W-3	3,887.88	474.38	372.68	1,656.00	1,396.71	342.00	8,129.65	26.39
							\$ 24,216.99	

DRILL COST SUMMARY

GROUP IV

HOLE NO.	DIRECT DRILL.	MOB/DEMOB	FUEL	HELICOPTER	CAMP	SALARIES SUPERVISORY/COOK	TOTAL	COST/FOOT
JENN #2	\$ 4,957.20	\$ 474.38	\$ 481.58	\$ 2,047.92	\$ 1,396.71	\$ 342.00	\$ 9,699.79	\$ 24.37



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5641 MAP 4

DRILL HOLE LOCATION AND CLAIM MAP

IMPERIAL OIL LIMITED
JEFF CLAIMS - LIAD M.D.

5641
Map 4

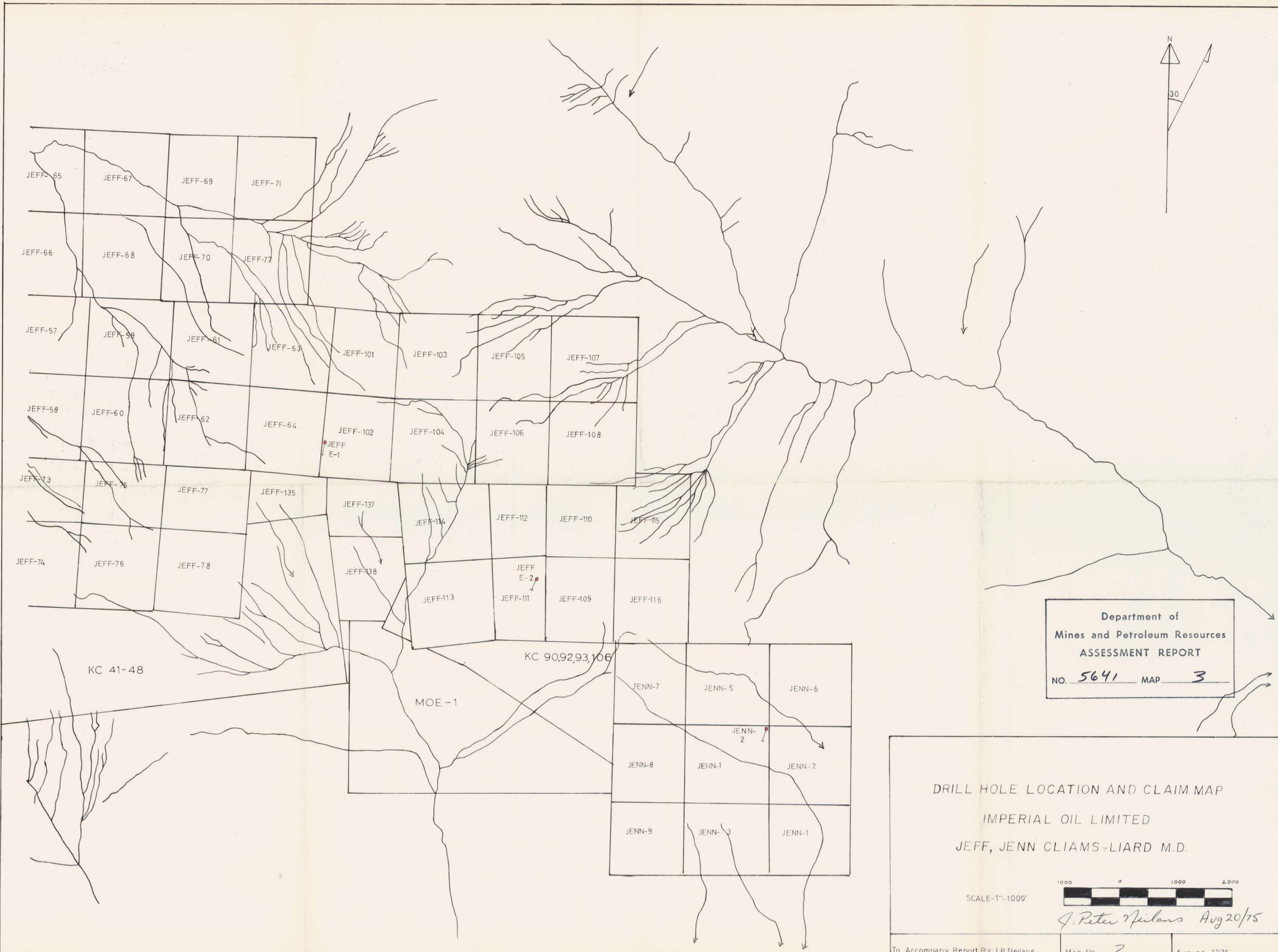
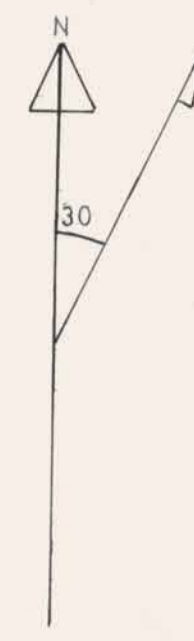
SCALE 1" = 1000'



To Accompany Report By - J.P. Neilans

Map No. 1

August, 1975



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5641 MAP 3

DRILL HOLE LOCATION AND CLAIM MAP
IMPERIAL OIL LIMITED
JEFF, JENN CLAIMS-LIARD M.D.

SCALE-1"=1000'

J. Peter Neilans Aug 20/75