

DIAMOND DRILLING REPORT

for

EndEx Mineral Claims

by

PLACER DEVELOPMENT LIMITED

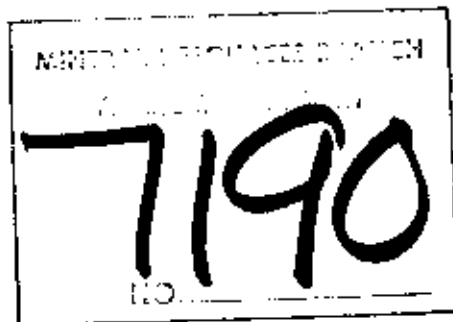
Endako Mines Division

ENDAKO, B.C.

NTS 93 K/3E

OMINECA MINING DIVISION

Latitude 54° 15'N, Longitude 125° 05'



E. T. Kimura

7 March 1979

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1. INTRODUCTION

Three inclined BQ wireline diamond drill holes totalling 350 meters were drilled during the period 4 - 9 May 1978. Drilling costs are being submitted for assessment work on the EndEx 2 (15 units) Mineral Claim.

2. PROPERTY DEFINITION

2.1 Mineral Claims

The following mineral claims are grouped under two Grouping Notices.

<u>GROUP</u>	<u>MINERAL CLAIM (UNITS)</u>	<u>RECORD NUMBER</u>
EndEx 1	EndEx 1 (4)	550
	EndEx 5 (14)	612
	6 (2)	613
	7 (12)	614
	8 (6)	625
	9 (2)	626
EndEx 2	EndEx 2 (15)	551
	3 (6)	610
	4 (7)	611

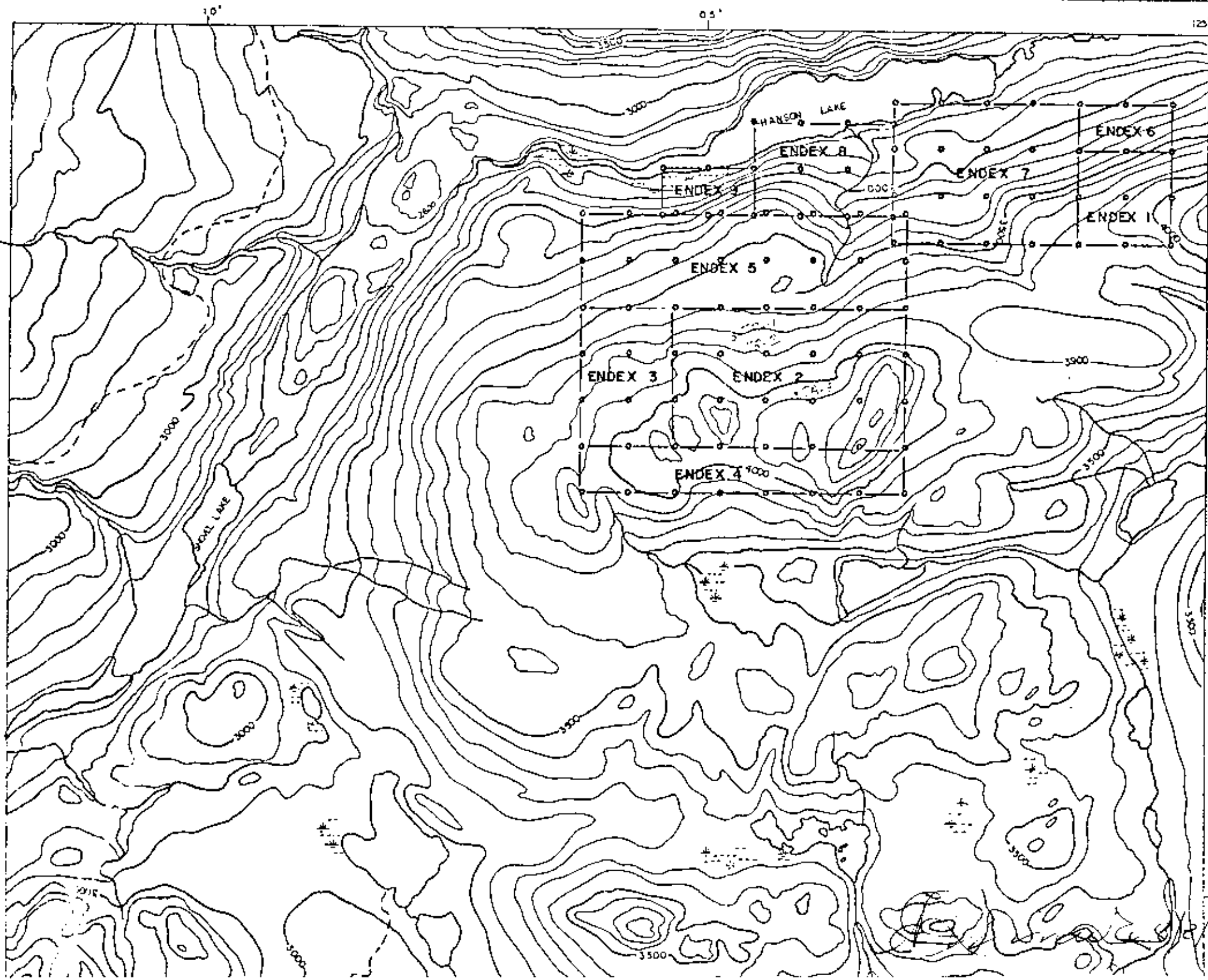
2.2 Location

The EndEx 1 and 2 Groups of Mineral Claims are located about ten miles due north of Endako Village in the Omineca Mining Division. The property is on the south shore of Hanson Lake. This location is in the southeast quadrant of quadrilateral, Latitude 54° N and Longitude 125°.

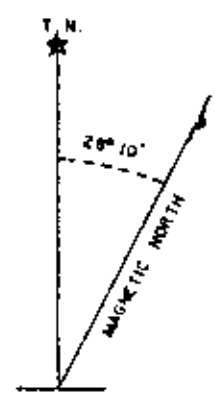
2.3 History

The EndEx 1 and 2 Mineral Claims were recorded on 8 March 1977. The remaining EndEx 3 to 9 Mineral Claims were located and recorded in mid-June 1977.

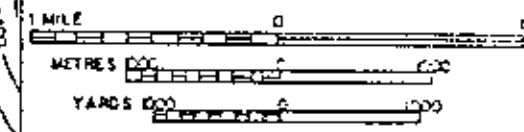
Previous exploratory field work over this area has included geochemical sampling, geological mapping and diamond drilling. An induced polarization survey was conducted over the easterly end of the property. The geochemical sampling, geological mapping and geophysical survey were completed during 1972 and 1973; the diamond drilling was undertaken during 1977.



7070



SCALE 1:50000



INDEX MAP FOR
 ENDEX 1 & 2 GROUPS
 OF MINERAL CLAIMS
 DRILLING REPORT
 NTS SHEET 93KE
 OMINCA MINING DIVISION

FIGURE 1

2.4 Owner and Operator

The mineral claims for this property are registered under Placer Development Limited, Endako Mines Division. All field work was coordinated by this firm's staff.

2.5 General Economic Assessment

Subeconomic molybdenum and copper mineralization was intersected in short inclined diamond drill holes.

3. DIAMOND DRILLING PROGRAM

3.1 Contractors

J. T. Thomas Diamond Drilling Ltd. was awarded the contract for diamond drilling. I & I Sawmills conducted field work on drill site preparation. Alpine Helicopters Ltd. provided air support for transportation of field crews and equipment.

3.2 Drilling Project

Three inclined BQ wireline drill holes totalling 1,137 feet were drilled on EndEx 2 Mineral Claim to explore a molybdenum soil geochemical anomaly. The first hole 78-1 encountered a fault zone at about 175 feet and the hole had to be abandoned after cementing failed to seal excessive caving. The hole was re-collared at a steeper angle and completed to 450 feet.

Preparatory field work for the drill program commenced on 1 May 1978. I & I Sawmill was engaged to prepare drill sites, pumping locations and access trails. Actual diamond drilling with a Longyear 34 rig commenced 4 May 1978. The expenses for drilling program are being submitted for assessment work. The entire program was conducted with helicopter-support. This included daily transportation of drill crews from Burns Lake, B.C., air lifting equipment to and from the property, and moving the drill rig from site to site.

3.3 Core-Logging

Drill core was geologically logged on 1" = 10' graphic log by E. T. Kimura. Mineralization is very sparse and no ten foot sections of core were estimated to be of ore grade. Therefore, none of the core was sampled for assay data. All drill core is stored at Endako Mines.

4. GEOLOGICAL INTERPRETATION

The EndEx mineral claims are centered over a semi-circular shaped quartz monzonite stock that measures about two miles in length along Hanson Lake. This rock unit intrudes and is bounded by Glenannon quartz monzonite of Francois Lake Intrusions to the south and west, and by metamorphic rocks of the Cache Creek Group to the east. The quartz monzonite from the stock is typically light to medium grey, and is frequently porphyritic with 1/4 to 3/4 inch euhedral whitish pink K-feldspar phenocrysts in a medium to fine-grained matrix.

Fine grained porphyritic quartz monzonite which could be closely associated with quartz monzonite stock shows sharp mutual grain boundary contact with quartz monzonite stock. As a result no precise age relationship can be determined. Younger rhyolite and andesite porphyry dykes intrude both quartz monzonite units.

The quartz monzonite stock in the central part of the mineral claim group is locally mineralized with molybdenite and minor pyrite and chalcopyrite in quartz veins or as thin fracture fillings. Veins are normally less than 1/4 inch thick and sparsely distributed in the form of a poorly developed stockwork. Locally, host rock is weakly chloritized, kaol'nized and sericitized. Numerous thin calcite and epidote veinlets cross-cut rhyolite and andesite porphyries. Quartz veining was not observed in these younger dykes; it is assumed that they are post mineral.

5. STATEMENT OF EXPENDITURES

The following expenditures were incurred by Placer Development Limited, Endako Mines Division for three diamond drill holes, numbered 78-1, 78-2 and 78-3.

<u>Expenditure Items</u>	<u>Cost</u>
A. <u>Personnel Costs</u>	
<u>Personnel</u>	<u>Period Employed</u>
	<u>Hours/Rate</u>
A. J. Peters	27 Apr - 10 May 1978 94 hrs. @ \$8.75 \$822.50
A. J. Peters	24 and 25 Jan. 1979 12 hrs. @ \$8.75 105.00
E. T. Kimura	2 - 7 ¹ March 1979 14 hrs. @ 15.00 <u>210.00</u>
	\$ 1,137.50
Office overhead @ 20% on personnel wages	<u>227.50</u>
	CARRIED FORWARD: \$ 1,365.00

BROUGHT FORWARD

\$ 1,365.00

B. Diamond Drilling Costs

J. T. Thomas Diamond Drilling Ltd. invoice no. 78-5
dated 10 May 1978:

a) Drilling charges - holes 78-1 to 78-3 incl. 1,137 feet @ \$14.00/foot	\$15,918.00	
b) Field costs for moving, mob. and demob. 93 hrs. @ \$14.00/hour	1,802.00	
c) Mud costs: One drum Solume Oil One bag Cal Seal	130.00	
d) Material consumed: One BQ bit	<u>200.00</u>	18,050.00

C. Helicopter Costs

Alpine Helicopters Ltd. invoice nos. K6277
and K6295

<u>Flight</u> <u>No.</u>	<u>Date</u>	<u>Hrs. @</u> <u>\$315.00</u>	<u>Fuel @</u> <u>\$1.17/gal</u>		
1338K	May 4	6.8)			
1340K	May 5-6	4.0)			
1341K	May 7	3.4)	504		
1334K	Apr 27	1.7)			
1335K	May 1	5.1)		\$ 7,204.68	
1342K	May 8-9	7.8	187.2	<u>2,676.02</u>	9,880.70

D. Drill Site Preparation Costs

I & I Sawmills account 590.00

E. Miscellaneous Costs

Coreboxes: 50 BQ boxes @ \$3.25	162.50	
Camp supplies	<u>150.00</u>	<u>312.50</u>

TOTAL DRILLING COSTS \$30,198.20

6. CONCLUSION

Subeconomic molybdenum and copper mineralization was encountered in three diamond drill holes on EndEx 2 Mineral Claim.

Submitted by,



E. F. Kimura
Chief Engineer



ETK:rs

APPENDIX II

STATEMENT OF QUALIFICATION

I, E. T. KIMURA, of Placer Development Limited,
Endako Mines Division, Endako, B.C. do hereby certify that:

1. I am a geologist.
2. I am a graduate of the University of British Columbia with a B.A. degree in Geology and Physics in 1955.
3. From 1954 until the present I have been engaged in mining geology, both in underground and open pit operations, and in exploration geology in British Columbia, Saskatchewan and the Yukon Territory.
4. I personally coordinated and assisted with planning of the drill program, have examined and logged the diamond drill core from this drilling program.


E. T. Kimura


APPENDIX IV

DIAMOND DRILL CONTRACT

between

J. T. THOMAS DIAMOND DRILLING LTD.

and

PLACER DEVELOPMENT LIMITED
Endako Mines Division

THIS AGREEMENT made the

day of

1978

BETWEEN: J. T. Thomas Diamond Drilling Ltd. of Smithers in
the Province of British Columbia.

(Hereinafter referred to as the "Contractor")

OF THE FIRST PART

AND: PLACER DEVELOPMENT LIMITED, Endako Mines Division,
a body corporate duly incorporated under the laws
of the Province of British Columbia, and having its
registered office at 700 Burrard Building, 1030
West Georgia Street, in the City of Vancouver, in
the Province of British Columbia.

(Hereinafter referred to as "Placer")

OF THE SECOND PART

WHEREAS:

- A. Placer is the owner of the mineral claims on which the proposed
diamond drill holes outlined in red on the map annexed hereto as Schedule
"A" will be located;
- B. The Contractor, in consideration of the payments hereinafter
provided has agreed to carry out the said diamond drilling.

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of the
premises and the mutual covenants herein contained, the Parties hereto
covenant and agree as follows:

1. The Contractor agrees to find and supply all labour,
materials, transportation, machinery, equipment and workmanship
necessary to carry out a diamond drilling program as shown on
the map annexed hereto as Schedule "A" on Placer's mineral
claims and in accordance with the terms of the Agreement and
the General Conditions hereto annexed as Schedule "B", at
the prices herein specified.

Guaranteed
Footage:

2. Placer guarantees a minimum of one thousand (1,000)
feet of diamond drilling in a series of holes, of a
minimum depth of two hundred (200) feet and a maximum depth
of five hundred (500) feet. All measurements to be taken
from top of casing.

Core Size:

3. The Contractor guarantees to sink with standpipe and/
or bore by diamond drill, the specified minimum footage,
recovering BQ wireline core, approximately one and seven-
sixteenths (1 7/16) inches in diameter, and to supply forthwith

one (1) drill outfit along with necessary associated equipment, industrial diamonds and labour to commence the work within time limits specified by Placer.

Price:

<u>Schedule of Rates for Diamond Drilling</u> <u>Depth of Holes Range</u>	<u>Price per Foot</u> <u>BQ Wireline</u>
0 to 500 Feet	\$ 14.00 per Foot

If holes of a greater depth than five hundred (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.

4. The Contractor agrees that all its labour, diamond wear and loss and all other operating expenses, except as hereinafter provided, shall be at its own cost and expense and for its own account.

Penetration of Overburden:

5. Wherever overburden or broken rock is encountered on a set-up, it is agreed that the Contractor's charge for penetrating such overburden or broken rock shall be at fourteen dollars (\$14.00) per foot.

The cost for setting and pulling casing shall be for the Contractor's account.

Hourly Rate:

6. It is agreed that Hourly Rates shall be interpreted here and hereinafter to mean the labour of a two-man crew, at the rate of fourteen dollars (\$ 14.00) per hour per man; pipe or casing lost or left in holes; diamond loss and setting charges; materials and supplies consumed in the work at delivered cost plus ten percent (10%).

In the event extra labour over and above the regular two-man crew and supervision are required, the Contractor agrees to supply such additional labour at the rate of fourteen dollars (\$ 14.00) per man per hour.

Caves:

7. In the event that cavities or loose and caving materials are encountered of a nature as to prevent the successful completion of any hole, 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 hole, Placer agrees to pay for such uncompleted holes at the rates herein specified for all footage completed. If required to continue on such holes on specific orders and approval from Placer's Resident Engineer or Representative, then the Contractor shall have the option to revert to drilling at the Hourly Rate, plus all required materials, supplies and equipment at delivered cost plus ten percent (10%).

In the event it becomes necessary to resort to soluble oil, cementing, reaming, casing or mud circulation in bedrock or overburden, Placer agrees to re-imburse the Contractor at the Hourly Rate, plus ten percent (10%) on consumables for the soluble oil, cementing, reaming, casing or mud circulation operations. Waiting time, up to a maximum of eight (8) hours for stabilization of the hole after cementing will be for the Contractor's account.

8. Wherever pipe, casing or other equipment is lost or left in a hole on the instructions of Placer's Engineer, Placer agrees to pay the Contractor for such pipe, casing or other equipment at their depreciated value, f.o.b. drill site. Placer agrees to pay the Contractor the cost of diamond set casing shoe bits in addition to the cost of any casing left in the hole. Placer further agrees to pay the Contractor the cost of recovery or attempted recovery of materials from holes at the Hourly Rate.

Tests:

9. The Contractor, when instructed to do so, shall take any clinometer dip tests desired by Placer. The Contractor's charge for such tests shall be twenty dollars (\$ 20.00) per dip test.

Water:

10. The Contractor shall supply pumps and one thousand four hundred (1,400) feet of waterline. The installation and maintenance cost of pumps and waterlines up to one thousand four hundred (1,400) feet shall be for the Contractor's account. The installation of waterlines exceeding one thousand four hundred (1,400) feet shall be at the Hourly Rate.

Transportation
and Moves:

11. a) Mobilization and demobilization of equipment and personnel from the Contractor's warehouse in Smithers to off-loading site shall be charged to Placer at a lump sum of five hundred (\$ 500.00).

b) It is agreed that costs for moving onto the first site and off the final site will be charged to Placer at the Hourly Rate. The move from site to site will be for the Contractor's account.

c) Moving shall be interpreted to include tearing down, dismantling machinery, moving, securing timber and setting up.

d) All helicopter costs for moving drilling equipment and personnel are for Placer's account.

e) Placer agrees to provide suitable drill sites in advance of the drilling operation at no cost to the Contractor.

f) Interim service trips from Endako Village or Burns Lake in connection with the maintenance of drill equipment and the drilling operation shall be for the Contractor's account.

Waiting Time
for Orders:

12. It is understood and agreed that time lost waiting for orders from Placer's Resident Engineer or Representative shall be charged to Placer at the Hourly Rate.

It is also understood that stand-by time for any cause beyond the Contractor's control, including helicopter delays shall be charged to Placer at the Hourly Rate, after a maximum of eight (8) hours of waiting time.

Travel Time:

13. The Contractor will supply transportation for its personnel to and from the helicopter base at Burns Lake.

Core:

14. The drilling shall be conducted so as to produce maximum core recovery with every reasonable precaution taken to prevent crushing, wearing or grinding of core. All cores recovered by the Contractor shall be carefully marked and placed in receptacles to be furnished by Placer, at the drill site. To ensure maximum core recovery, the Contractor will supply experienced wireline operators. Placer will be responsible for the transportation of core from the drill site.

Sludge:

15. The Contractor, whenever instructed, agrees to take sludge samples every ten feet (10') of hole depth. All sludge samples shall be placed by the Contractor's operators in containers provided by Placer and carefully marked. Placer will be responsible for the transportation of sludge samples from the drill site.

Security:

16. The Contractor will not give out any information regarding drill results or permit access to any drill core to any person other than Placer's accredited Representatives, except upon specific permission of responsible officials of Placer.

Moly Grease:

17. The Contractor will not use molybdenum-base grease on rods or on any parts of the drill where contamination of sludge and core may occur.

Camps:

18. The Contractor agrees to provide board and lodging for its own men at no cost to Placer.

Discipline:

19. The Contractor shall, at all times, enforce strict discipline and maintain good order among its employees, and shall not retain on the work any unfit person or anyone not skilled in the work assigned to him.

Any employees of the Contractor who are objectionable or unsatisfactory to Placer shall be removed from the work and replaced by an employee satisfactory to Placer.

Insurance:

20. The Contractor, at his own expense and cost shall insure and keep insured during the term of this Contract with an insurer acceptable to and approved by Placer the following liability insurances:

a) Comprehensive General Liability Insurance which shall include all Operations, Contractor's Protective, Contractual Products and Completed Operations, and non-owned Automobile Liability, with a bodily injury and/or death limit of not less than one million dollars for each occurrence and a property damage limit of not less than one million dollars per occurrence, and in the aggregate with respect to products and completed operations liability. The Owner (Placer) shall be added as an additional named insured under this Section. This policy shall also contain a clause reading as follows: "Cross Liability": the insurance afforded under this policy shall apply to any action brought against any of the insureds by any other insured in the same manner as though separate policies were issued to each.

b) Automobile (owned). The insurer's limit of liability shall not be less than the following:
\$ 1,000,000 per bodily injury and/or death for each occurrence, and not less than \$ 1,000,000 per occurrence for property damage.

c) A certificate of insurance certifying that the Contractor has insurance as required under Section 17A and B shall be filed with the Owner (Placer) upon acceptance of the contract terms.

d) The Contractor and/or Sub-Contractor shall also insure and keep insured while this contract is in force with an Insurance Company or Companies acceptable to and approved by the Owner (Placer) at the Contractor's and/or Sub-Contractor's own expense and cost, insurance on all equipment owned and/or hired and/or used by them in connection with the work. This insurance shall provide coverage on the basis customarily known as Inland Marine Named Perils coverage. The Owner (Placer) shall be added as an additional named insured under this insurance. The policy shall also contain a waiver of subrogation against the Owner (Placer).

e) The Contractor shall arrange that such insurance shall not be cancelled without sixty (60) days prior written notice to the Owner (Placer) by the insurers.

21. The Contractor shall be responsible for and will pay promptly all dues and assessments payable under any Workers' Compensation Act or other similar Act, whether Provincial or Federal, in respect of its employees.

Environment:

22) During the course of the work, the Contractor shall at all times keep Placer's premises free from accumulation of waste material or rubbish and upon completion of the work, shall remove all tools, scaffoldings, surplus materials and rubbish, and leave the premises in a clean condition. The Contractor shall observe and comply with all applicable Federal and Provincial laws, regulations and orders relating to the prevention of forest fires and sanitation in the bush.

Placer will be responsible for procuring and maintaining applicable permits for land and water usage. Placer will hold the Contractor harmless for any liability claims which may arise from normal activity related to this Agreement, including pollution of ground water or surrounding land from discharge of drill water and wastes save if the Contractor's employees act in an irresponsible manner.

Payment
for Work:

23. Placer agrees to pay the Contractor, in Canadian funds, the above prices. Payment shall be made within thirty (30) days of the date of the account rendered. Invoices shall be submitted twice monthly to Placer Development Limited, Endako Mines Division, Endako, B. C. VOJ 1L0. Interest at the rate of one percent (1%) per month shall be charged on overdue accounts. Notwithstanding the foregoing, payment is subject to the provision of Article 20 of Schedule "B".

Manner of
Performing
Work:

24. The Contractor shall perform his work in such a manner as to not interfere with or hold up the normal operations of Placer.

Safety:

25. The Contractor will abide by all provisions of the Mines Regulation Act that pertain to the safety and such other matters relevant to this Agreement.

The Contractor's equipment shall meet all Workers' Compensation Board and Department of Mines Regulations.

Engineer:

26. Placer's Engineer or Representative referred to herein and in the General Conditions of the contract shall be the Mine Manager of Placer Development Limited, Endako Mines Division or such other person as he may nominate in writing as his representative.

Notices:

27. All communications in writing between the Parties shall be deemed to have been received by the addressee if delivered to the individual or to a member of the firm or to an officer of the corporation for whom they are intended, or sent by post or telegram addressed as follows:

The Contractor: J. T. Thomas Diamond Drilling Ltd.
P. O. Box 394
Smithers, B. C.
VOJ 2N0

Placer: The Secretary
Placer Development Limited
Endako Mines Division
700 Burrard Building
1030 West Georgia Street
Vancouver, B. C.
V6E 3A8

The Engineer: Mine Manager
Placer Development Limited
Endako Mines Division
Endako, B. C.
VOJ 1L0

General:

28. Whenever in this Agreement it is stipulated that anything shall be done or be performed by either of the Parties hereto, it shall be assumed that such Party does hereby enter into a covenant with the other Party to do or perform the same.

29. All grants, covenants, privileges and liabilities contained in this Agreement shall be read and held as made by and with and granted to and imposed upon the respective Parties hereto and their respective successors as assigns, in the same manner as if the words "Successors" and "Assigns" had been inscribed in all proper and necessary places, and in the event of more than one person being the Contractor, the said grants, covenants, provisos and liabilities, shall be construed and held to be several as well as joint.

30. Whenever the singular or masculine is used throughout this Agreement, the same shall be construed as meaning the plural or feminine or body corporate, as the context of the Parties so require.

31. Any condoning, excusing or overlooking by Placer of any breach or non-performance by the Contractor at any time or times in respect to any covenant, term, condition and proviso contained in this Agreement shall not operate as a waiver of Placer's right in respect of any continuing or subsequent default, breach or non-performance.

32. This Agreement may be altered only by written consent of both Parties hereto.

33. Time is of the essence in this Agreement.

IN WITNESS WHEREOF the Parties hereto have caused these presents to be executed as of the day and year first above written

J. T. Thomas Diamond Drilling Ltd.)

per

PLACER DEVELOPMENT LIMITED

per

DATE	ROCK TYPES					ALTERATION		GRAPHIC LOG	MINERALIZATION			STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS												
	Plag	K-Spor.	Mafic	Texture	Hardness	Rock Name/ Appearance	Foliation		L To Core Axis	Width of Vein	Mineralization / Foliage (type)			Envelopes (type)	Remarks	Frequency	Slicability L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% Wt %			
																					Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge
						(75-76) Very easy Feld. Bio And Porph. Dyke Sharp tight contacts	40 50	1/8 1/8	bar qtz bar qtz (py vugs)						70%	77		95%										
						Feld Bio Andesite Porphyry	60	1/2	cal.																			
						Van. narrow 1/8" chilled Salvage developed Near Contact Feld phenos on subl. contact	40	1/2	epid						75%	87		100%										
						Feld phenos increase to 40% some show zoning with white core and pink qtz cores	65 75	1/2 1/2	epid epid + x						100%	97		100%										
							45 60	1/2 1/2	cal epid						100%													
							45 55+8+30 60 65+55	1/2 1/2 1/2	cal epid cal x 2						96%	107		100%										
						Definite chilled salvage at 2" developed.	70	1/2	cal			Contact between F & P QM & Hanson QM is sharp and well defined but no grain size change in either rock type. Contact at about 80%			70%	117		100%										
						3" Fine Gr Porph QM on contact then Hanson QM	35+50	1/2	bar qtz x 2																			
						Feld Bio Andesite Porphyry	65	1/2	cal																			
						Hanson QM	30+60	1/2	cal + 2 + fault gg on contact						50%	127		95%										
						1 1/2" Feld. Bio And Porph	40	1/2	bar qtz																			
						100' 10"-15" Feld. Bio Andesite Porphyry Dyke 137' 60"	60-150 50+75	1/2-3/4 1/2	cal (gg) on contact cal x 2						67%	137		96%										

SECTION End Ex 2 Mineral Claim

ENDAKO MINES

HOLE No. 78-3
SHEET No. 1 of 3

LOCATION Hansen Lake BEARING 180° 03' LATITUDE _____ CORE SIZE BOW LOGGED BY E.K.
DATE COLLARED May 7 1978 LENGTH 506' DEPARTURE _____ SCALE OF LOG 1" = 10' DATE _____
DATE COMPLETED May 8 1978 DIP -45° ELEVATION _____ REMARKS Boxes referred to as Hole No. H 18

[Handwritten signature]
8/8/79

ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
Plg	K-Spar	Mofc	Texture	Notes	Rock Name / Appearance				Fractures	Stickable	Porosity	Porosity Blocks	Specific Gravity	Weight in Grams	Sample Number	Core	Sledge	Core
						Frequency					Core	Sledge	Estimated Grade			Core	Sledge	
											%	%	% MoS ₂	% MoS ₂			Comments	
30%	50%	5-10%	Coarse to fine	5	Hansen QM Subporphyritic to porphyritic massive Very weak kaol ² of feldspar.	20	hl	cal.					45%	22				
					Scattered 1/2 - 3/4 subhedral to subhedral Ksp phenol.	30	50 + 20	1/2 + 1/2	rusty gg chl + bar qtz						82%			
					From 35' QM is essentially fresh Very uniform & massive - very little fracturing & veining	40	50 + 20	hl - 1/2 + 1/2 3/8	cal fr + bar gg qtz fr with assoc. 4" broken carb.						95%			
						50	55 55 + 20 55 70	1/2 1/2 + hl 3/2 1/2]] cal + dk gy chl. slick cal fr gy qtz						76%	24		
					One extra large 1 1/2" Ksp phenol - not zoned but has tiny flakes of bio	60									84%	54%		
						70	25 + 15 45	1/2 + 1/2 1/2	cal + 2 bar qtz						94%	65		
						80	55 + 30	1/2 + hl - 1/2	cal + qtz (cop py)									
						90		1/2	qtz (cop)						97%	75%		
						95		hl	very thin dk fr on Mn flake						99%			

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7190
NO

D.T.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Flog	X-Spar.	Magfc	Texture		Hardness	Rock Name/ Appearance		Width of Vein	Mineralization/ Fooling type	Frequency	Silicified L To Core Axis	R Q D	Porosity Stoch	Specific Gravity	Weight in Grams		Sample Number		% Met	
																Core	Sludge	Core	Sludge	Core	Sludge
Alteration	Footage	Structure	L To Core Axis	Width of Vein	Mineralization/ Fooling type	Frequency	Silicified L To Core Axis	R Q D	Porosity Stoch	Specific Gravity	Core	Sludge	Core	Sludge	Combined						
							qtz (cp Mo flecks) or chl ste (cp)	1/4 Ksp			100%		85%								
						30+25 15	bl x 2 1/2-1/4	bar qtz ste (cp)						100%							
						85	1/2	bar qtz			95%		95%								
						100															
						30 25+50+1 20	1/2 1/2+1/4+1/8 1/2	cal cal chl + cal x 2 cal	(108-112) Intensely fractured		78%		106		100%						
						108 112	1/2 1/2	cal fault gg. cal chl.			40%		116		94%						
						70+45 50+45 40	1/2 1/2 1/2	cal. slick. bar qtz + cal cal x 2 cal chl.													
						120	1/2 1/2 1/2	cal cal chl x 2 cal.	3' broken core @ 126'		49%		126		88%						
						60 40+45 30 36	1/2 1/2 1/2	chl (mal) cal chl x 2 cal.													
						130	1/2 1/2 1/2	cal cal													
						45+50	1/2 1/2 1/2	qtz Mo = qtz (Mo flecks)													
						25+40 65 90 40	bl x 1/2 1/2-1/4 1/2	cal + gy chlorocory. bar qtz (Mo flecks) cal.			76%		136		95%						
						140	bl	bar qtz	1/4 Ksp												
						68 60	1/2 bl	bar qtz cal.			100%		146								
						150	bl-1/2+2	bar qtz x 2 few fleck of Mo in QM surrounding vein No alt							100%						

SECTION _____ ENDAKO MINES

ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
Plas	Gr-Spec.	Mafic	Texture		Hardness	Rock Name/Appearance	Rock Type Alteration % coverage	STRUCTURE	∠ To Core Axis	Width of Vein	Mineralization/Fossilizing (type)	Structures (type)	Remarks	Fractures	Stitchmarks	R.O.D.	Porosity	Specific Gravity	Weight in grams	Sample Number	% MoS ₂			
																			Core	Mudde	Core	Sludge	Core	Sludge
																			%	%	Estimated	Grade	Combined	
						300	300-305	300	1/2	Cal														
						305	305-310	305	1/2	Cal														
						310	310-315	310	3/8	white qtz with chl. borders	1 1/2 Kisp					75%	396			100%				
						315	315-320	315	40+45+50	chl + chl. Cal. + cal														
						320	320-325	320	1/2 x 2 + 1/32	qtz (ep)														
						325	325-330	325	1/2	cal														
						330	330-335	330	5	Cal. cal.														
						335	335-340	335	1/8 + sil	blk qtz Mo sil blk Mo chl. + chl (v.s.)														
						340	340-345	340	1/8	Cal														
						345	345-350	345	1/32	Cal														
						350	350-355	350	1/32	Cal														
						355	355-360	355	60	Cal														
						360	360-365	360	1/8	Cal														
						365	365-370	365	1/8	Cal														
						370	370-375	370	1/8	Cal														
						375	375-380	375	1/8	Cal														
						380	380-385	380	1/8	Cal														
						385	385-390	385	1/8	Cal														
						390	390-395	390	1/8	Cal														
						395	395-400	395	1/8	Cal														
						400	400-405	400	1/8	Cal														
						405	405-410	405	1/8	Cal														
						410	410-415	410	1/8	Cal														
						415	415-420	415	1/8	Cal														
						420	420-425	420	1/8	Cal														
						425	425-430	425	1/8	Cal														
						430	430-435	430	1/8	Cal														
						435	435-440	435	1/8	Cal														
						440	440-445	440	1/8	Cal														
						445	445-450	445	1/8	Cal														
						450	450-455	450	1/8	Cal														
						455	455-460	455	1/8	Cal														
						460	460-465	460	1/8	Cal														
						465	465-470	465	1/8	Cal														
						470	470-475	470	1/8	Cal														
						475	475-480	475	1/8	Cal														
						480	480-485	480	1/8	Cal														
						485	485-490	485	1/8	Cal														
						490	490-495	490	1/8	Cal														
						495	495-500	495	1/8	Cal														
						500	500-505	500	1/8	Cal														
						505	505-510	505	1/8	Cal														
						510	510-515	510	1/8	Cal														
						515	515-520	515	1/8	Cal														
						520	520-525	520	1/8	Cal														
						525	525-530	525	1/8	Cal														
						530	530-535	530	1/8	Cal														
						535	535-540	535	1/8	Cal														
						540	540-545	540	1/8	Cal														
						545	545-550	545	1/8	Cal														
						550	550-555	550	1/8	Cal														
						555	555-560	555	1/8	Cal														
						560	560-565	560	1/8	Cal														
						565	565-570	565	1/8	Cal														
						570	570-575	570	1/8	Cal														
						575	575-580	575	1/8	Cal														
						580	580-585	580	1/8	Cal														
						585	585-590	585	1/8	Cal														
						590	590-595	590	1/8	Cal														
						595	595-600	595	1/8	Cal														
						600	600-605	600	1/8	Cal														
						605	605-610	605	1/8	Cal														
						610	610-615	610	1/8	Cal														
						615	615-620	615	1/8	Cal														
						620	620-625	620	1/8	Cal														
						625	625-630	625	1/8	Cal														
						630	630-635	630	1/8	Cal														
						635	635-640	635	1/8	Cal														
						640	640-645	640	1/8	Cal														
						645	645-650	645	1/8	Cal														
						650	650-655	650	1/8	Cal														
						655	655-660	655	1/8	Cal														
						660	660-665	660	1/8	Cal														
						665	665-670	665	1/8	Cal														
						670	670-675	670	1/8	Cal														
						675	675-680	675	1/8	Cal														
						680	680-685	680	1/8	Cal														
						685	685-690	685	1/8	Cal			</											

SECTION _____

ENDAKO MINES

Core	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS															
	Plg	K-Spar	Mafic	Texture					Hardness	Rock Name/ Appearance	Alteration	Foliation (Type)	Envelope (Type)	Remarks	Weight in Grams		Sample Number		% MoS ₂							
															L To Core	Frequency	Stickable L To Core	R O D	Footage Blocks	Specific Gravity	Core	Sludge	Core	Sludge	Core	Sludge
25-30	25-40	5-10%	Coarse	5	32'	Very Weakly Kaolinized Hanson QM	40 40 20+40+45 40 40	hi hi-1/2 hi-1/4+3 3/8-1/2 1/8-1/4	cal cal chl x 3 qtz (Mo) (py) chl qtz chl naris. Mo	1' Ksp on veins. 4' Ksp 1/2' Ksp	70%	366	97%													
					36 3/4'	Feld Bio Andesite Porphyry	35 30	1/6 hi	cal cal		89%	376	98%													
						Plag phenos are more acicular & smaller @ 1/8-1/2" Overall matrix of andesite is lighter Colour & fine gr. to vlt rather than aphanitic No orientation to phenos	25 20	hi hi	cal cal		92%	386	100%													
							39 45	hi	cal py																	
							55	hi	cal		83%	396	100%													
							40 5 20+55 40 40 50	hi 1/8+hi hi 1/6	cal cal epid + cal cal cal chl (py)		94%	406	100%													
							45 35 80	hi hi 1/6 1/6	cal cal epid cal chl		90%	416	100%													
							42 40 30 35	1/6 1/6 hi-1/3	cal cal cal		90%	426	100%													

SECTION _____ ENDAKO MINES

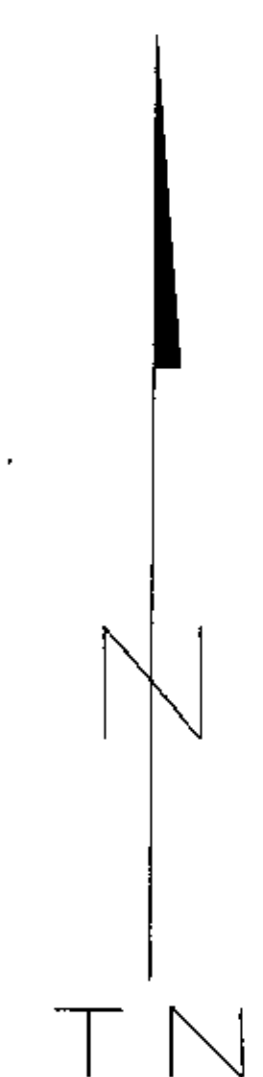
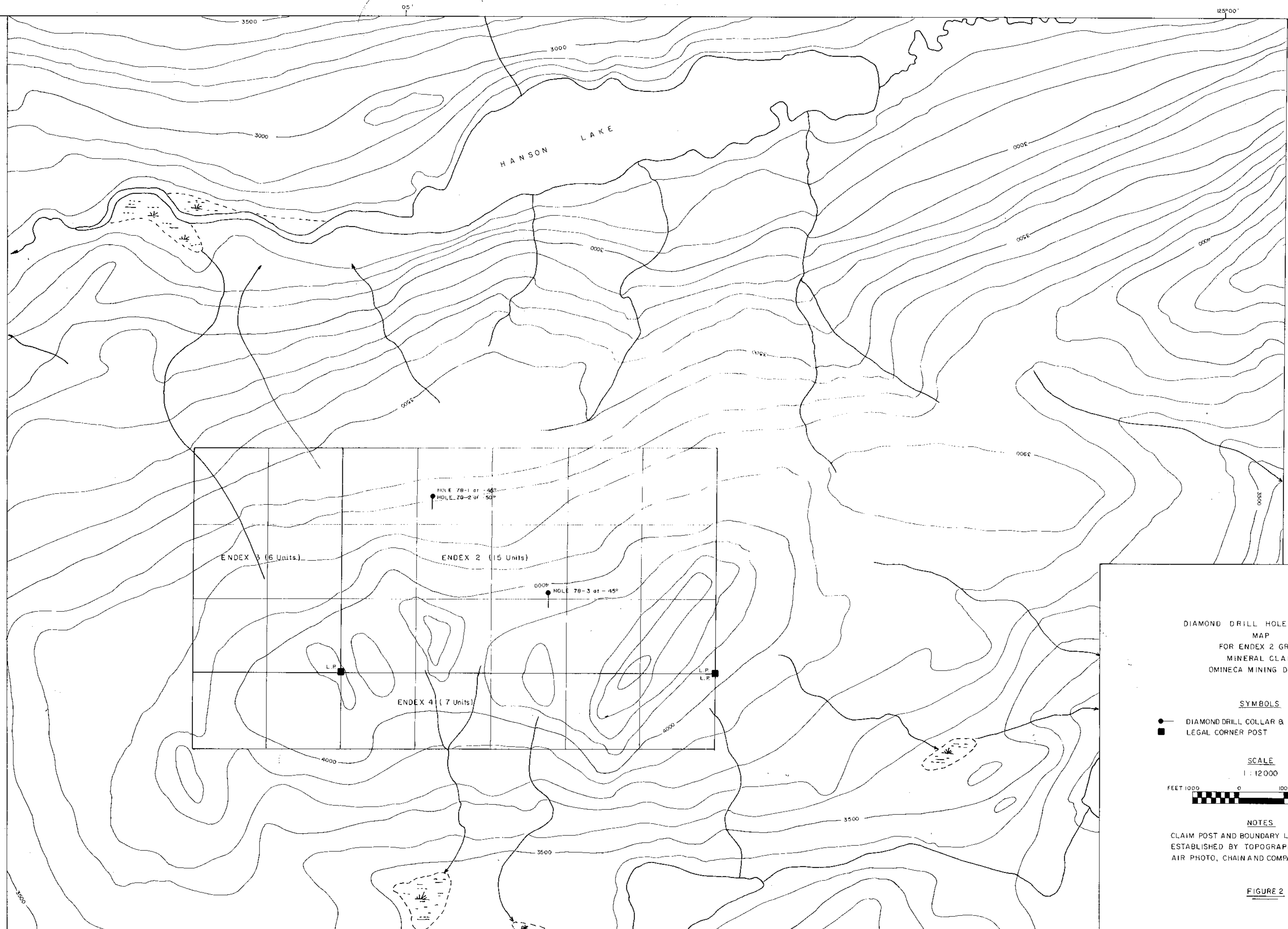
Q.T.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION			STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS									
	Plas.	K-Spec.	Matc.	Texture	Hardness			Rock Name/ Appearance	L To Core Axis	Width of Vein		Mineralization/ Fooling Type	Envelope (type)	Remarks	Fractures		Stickenside L To Core Axis	R Q D	Footage Block	Specific Gravity	Weight in Grams		Sample Number					
															L to core	Frequency					Core	Sludge	Core	Sludge	Estimated	Grade	Core	Sludge
							25	1	Cal																			
							25 65+58 26n	1/6-1/8 1/6-1/8 1/6-1/8	Cal Cal+Calcht. Cal+2				96%	236				100%										
							25n 30 75 15 45	1/6 1/8 1/16 1/8	Cal chl Cal chl Cal Cal botryoidal cal. filling				93%	246				100%										
							25n 20 10+75 10 10	1/16 1/16 1/16 1/8	Cal Cal+2 Cal Cal		(250-260) Rhyolite black & fractured		54%	256				98%										
							26n 10 40 0-2 15 35 20	1/16 1/8 1/8-1/6 1/8 1/16 1/8	Cal Cal wedge of chl. gg. Cal qtz (Mo sp. etc) Cal with 1 Ksp alth (ep. ps. disc) qtz (sp. specks)				60%	263				94%										
							27n 45 6	1/8	bar. qtz		(274-282) Mainly broken Core		38%	273				82%										
							27n 60+20 30n	1/8 1/8	qtz ep. + cal (epid.)		Fault Zone in hanging wall of basal dyke. No special gangue developed. Mainly soft very intensely altd. crumbly core. Most visible fractures in fault zone are almost // core axis.		54%	286				100%										
							28n 20+35 20 30n	1/16 1/16	qtz cal (ps) cal				87%	296				100%										

263 35°
Work-Mod. Koolinitad
Hanson QM
Same as (176 1/2 - 182)
2-4" intense Kool² at
contact @ 263 1/2

274
(274-282) Intense Kool²
Hanson QM in fault
zone. Very soft crumbly
core

1' dkgn. soft Basalt.
283
5-10%
6%
200
Coarse
sub-
parph
6
Fresh Hanson QM
Scattered 1/4-1/2 anhedral
Ksp phases in coarse
granular matrix
Massive

Core	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION			STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
	Plog	K-Spec	Mofit	Texture	Hardness			Rock Name / Appearance	Mineralization / Fossiliferous (Type)	Width of Vein		Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS	
													Frequency	Stickable	ROD	Footage Block	Specific Gravity	Core %	Mud %	Sample Number	% MoS ₂
						20-47 Fine-Grained Porphyritic QM. Exactly the same (20-47)	30	1/8	qtz ep Cal chl with 1/2 Ksp envelope												
						Dark to very dk and feld. Bio Andesite feld. Dyke intruded into FG. Porph. QM. Chilled selvage developed in host andite. 11-bar	40	1/16	cal					96%	306		96%				
						two narrow dykes are very dk: basalt comp.	40x3	1/16 + 1/32	qtz (ep speck) + bar qtz + chl (ep speck) (bleached halo)					87%	314		98%				
							40x5 55x50x7 Cal 60x60x60 40	1/16 - 1/32 x 2 Sub 1/16 - 1/32 x 7 1/16 - 1/32 x 4 + 1/4 1/4	bar qtz x 5 each with narrow bleached halo bar qtz + 7 (bleached halo) bar qtz (Ksp) x 4 + bar qtz bar qtz					70%	326		99%				
							40x2+45	1/16 - 1/32 x 3	qtz (ep Mo specks) x 3 with narrow bleached halo.												
						Feld-Bio Andesite Porphyry	20 50+25 15	1/32 1/16 - 1/32 + 1/8 Stick-sided	cal qtz ep (Mo specks) with bleached halo + cal Fault or contact					27%	326		34%				
						Chilled selvage sharp line on contact	25+30 40 20 25+25+15 40	1/16 + 1/32 1/8 1/16 - 1/32 1/16 - 1/32 x 3 1/8	cal x 2 (both rusty hematized) cal cal hematized cal x 3 cal					96%	346		100%				
						Fine-Grained Porphyritic QM	25 75+2+60 50	1/4 - 1/2 1/16 - 1/32 x 3 1/4	cal chl 1/2 bleached halo qtz Mo + qtz (ep specks) x 2 with narrow bleached halo qtz (Mo specks)					73%	356		99%				
							25 20 40+50	1/8 1/32 + 1/16 1/32	qtz chl bar qtz + qtz 1/8 bar qtz					62%	366		100%				
						Feld-Bio Andesite Porph. Chilled selvage on contact	20	1/32	bar qtz								100%				



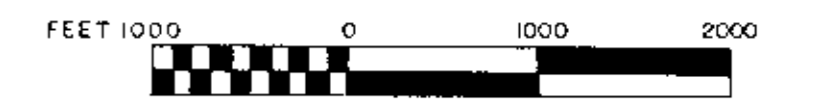
DIAMOND DRILL HOLE LOCATION
MAP
FOR ENDEX 2 GROUP OF
MINERAL CLAIMS
OMINECA MINING DISTRICT

SYMBOLS

- DIAMOND DRILL COLLAR & DIRECTION
- LEGAL CORNER POST

SCALE

1 : 12000



NOTES

CLAIM POST AND BOUNDARY LOCATIONS
ESTABLISHED BY TOPOGRAPHIC MAP,
AIR PHOTO, CHAIN AND COMPASS.

FIGURE 2

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7190
FIG.

J. J. ... 7/3/79