

REPORT ON DRILLING - 1995

REY LAKE PROPERTY

Nicola Mining Division
British Columbia

NTS Map No. 92I/7E

Lat. 50° 20' N., Long. 120° 42' W.

for

HERA RESOURCES INC.

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by

Duane R. Lucas, P. Geo.

LUCAS GEOLOGICAL SERVICES
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October 20, 1995

Revised
May 7, 1996

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SUMMARY

The Rey Lake property is located in the Nicola Mining Division approximately 26 kilometres due north of Merrit, B.C. (NTS Map No. 92I/7E). The claims comprise 118 units totalling 2950 hectares and are presently under option to Hera Resources Inc. of Vancouver, British Columbia.

The project area lies within the Intermontane Belt of the British Columbia Cordillera and is primarily underlain by a sequence of volcanic rocks with minor interbedded sedimentary units. This volcano-sedimentary sequence is known as the Nicola Group and is considered to be late Triassic to early Jurassic in age. To the west, the group is bounded by the Guichon Batholith (which includes the large-scale Highland Valley copper deposit) and to the east the volcanics abut up against the Jurassic Nicola Batholith. As well, the Nicola volcanics are intruded by several small plugs, one of which is copper mineralized and situated beneath and to the southwest of Rey Lake (the Rey Lake Pluton). The dominant structure on the claims is a northwest trending fault which forms the main valley of Rey Lake and Rey Creek. Also, at the western boundary of the property, a set of smaller northeast trending structures cut the claims. The Project area is centered over an exposed pyritic zone which lies along this particular set of northeasterly trending faults.

Commencing June 23, 1995, a diamond drill program was carried out over a zone of intense pyritization to test for precious and base metal potential. The program was initiated in response to anomalous results acquired during an IP survey in 1993. This mineralized zone (termed the "Gossan Zone"), is located in the southwest corner of the Blue Jay 7 claim approximately 2.7 kilometres south of the southernmost drilled intersection of the Rey Lake Pluton. Four NQ core holes were completed totalling 616.31 metres of drilling. Average drill hole depth at an angle of -60° was approximately 154 metres. As well, a total 262 core samples were collected from the drilling at varying intervals. The core samples were analysed for gold and a 30 element ICP.

Drill results from the 1995 diamond drill program on the Gossan Zone did not indicate base or precious metals in economic quantities. Of the 262 core samples that were analysed, the highest gold value returned was 87 ppb Au from a small shear zone in drill hole RL 95-1. Although pyrite mineralization was intense at times (up to 10% Py), very little of the altered volcanics carried any gold at all. The highest copper result was 628 ppm Cu which appears to have come from a small band (1.5 cm thick) of pyrite and chalcopyrite in drill hole RL 95-1. Occasional zones (possible dikes) of biotite-feldspar porphyry similar to the type of porphyry found in the Rey Lake Pluton were intersected in drill holes RL 95-3 and RL 95-4, but again, pyrite appeared to be the only mineralization present.

It is recommended that future exploration focus on the Rey Lake property be

concentrated on the continued definition of the copper mineralization previously intersected in the Rey Lake porphyry. Similarly, it is recommended that further exploration on defining the extent and potential of the Swakum Mt. showing might prove more viable

Respectfully submitted,



Duane R. Lucas, B.Sc., P. Geo

Revised
May 7, 1996

1.0 INTRODUCTION

On June 23, 1995, a diamond drill program was conducted on the Gossan Zone of the Rey Lake property. The purpose of the drill program was to test and evaluate an intensely altered and pyritized area which produced an anomalous response during an IP survey carried out in April of 1993.

Four NQ diamond drill holes were completed using a Longyear Super 38 diamond drill (from Rainbow Drilling of Merrit, B.C.). The holes were drilled at -60° to an average depth of 150 to 154 metres. A total of 616.31 metres were drilled which produced 262 core samples. The samples were analyzed at Acme Analytical Laboratories Ltd. in Vancouver, B.C., for gold and a 30 element ICP.

This drill program as well as the following report have been completed pursuant to a request by Hera Resources Inc. of Vancouver, B.C.

2.0 LOCATION AND ACCESS

The Rey Lake property is situated approximately 26 kilometres due north of Merrit, B.C. (Location Map, Fig. 1). The property extends south from the north side of Rey Lake and the lower slopes of Mt. Guichon, to the north flank of Swakum Mt. The Rey Lake property can be found on NTS map No. 921/7E and is centered on Latitude 50° 20' N. and Longitude 120° 42' W. Access to the property is either via the Helmer Lake exit on the Coquihalla Highway (Hwy. 5) approximately 25 kilometres north of Merrit, or via the Swakum Mt. Forest Access Road which can be found approximately 1.5 kilometres northeast of Merrit on Hwy. 5A. It should be noted that the fire gate at the Helmer Lake exit is generally closed. Once on the property, the Gossan Zone can be found on a logging road approx. 3 kilometres due west of the Helmer Lake exit.

3.0 TOPOGRAPHY AND PHYSIOGRAPHY

The property lies within the southern interior region of the province and is characterized by rolling upland topography cut by small streams, lakes and occasional marshes and swamps. Elevations range from 1300 m. on Rey Creek near the north end of the property to approx. 1720 m. at the southern end of the claims on Swakum Mt.

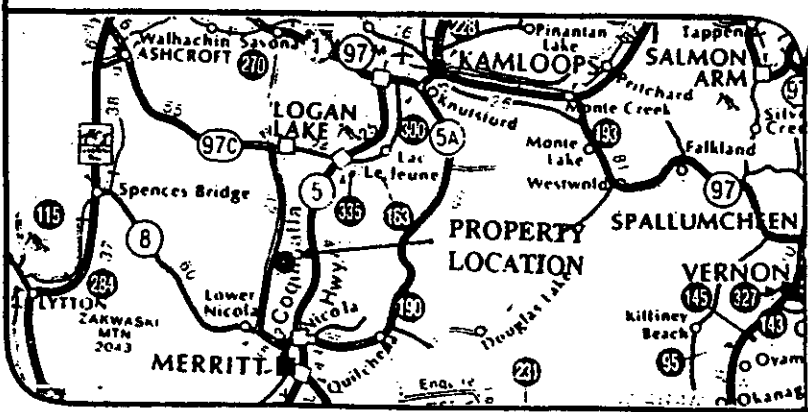
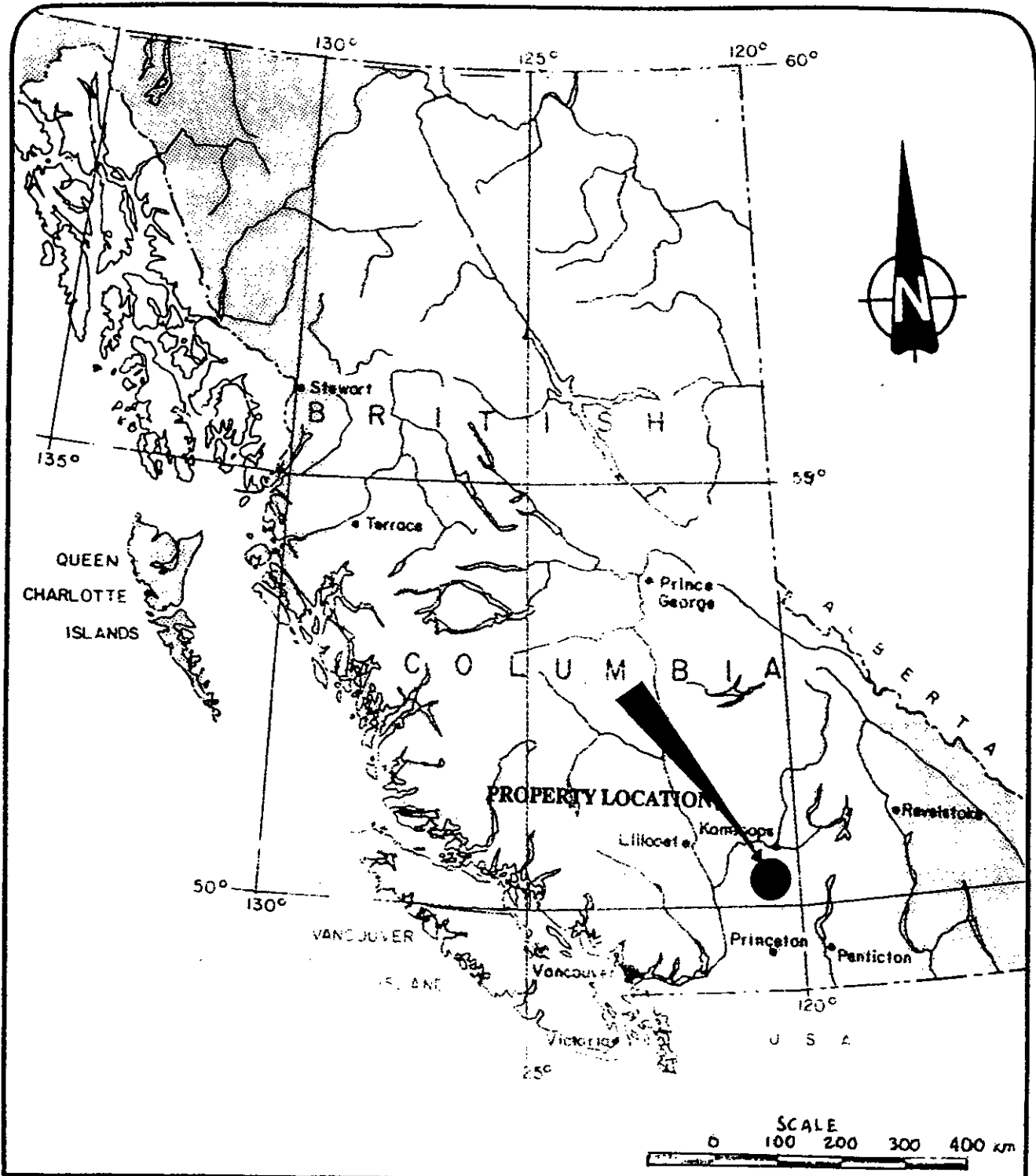


Figure 1
HERA RESOURCES INC.
REY LAKE PROPERTY
 Nicola, M.D. NTS 92 U7
PROPERTY LOCATION MAP

DRH

OCT. 20, 1995

Vegetation cover essentially consists of pine and spruce forest, some of which has been logged and open rangeland. Summers are generally hot and dry with overall yearly rainfall at about 25 cm. Winters can be cold with snowfall of about 100 cm.

4.0 CLAIM STATUS

Located in the Nicola Mining Division, the Rey Lake claims consist of 118 units totalling approximately 2950 hectares (Claim Map, Fig. 2). They were staked during the period the 1988 to 1992 by Mr. William F. Petrie of Merrit, B.C. after the previous claims had lapsed and some have since lapsed. The claims are presently held under option to Hera Resources Inc. of Vancouver, B.C.

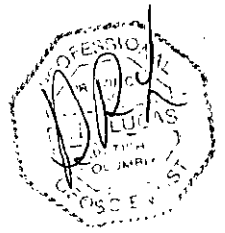
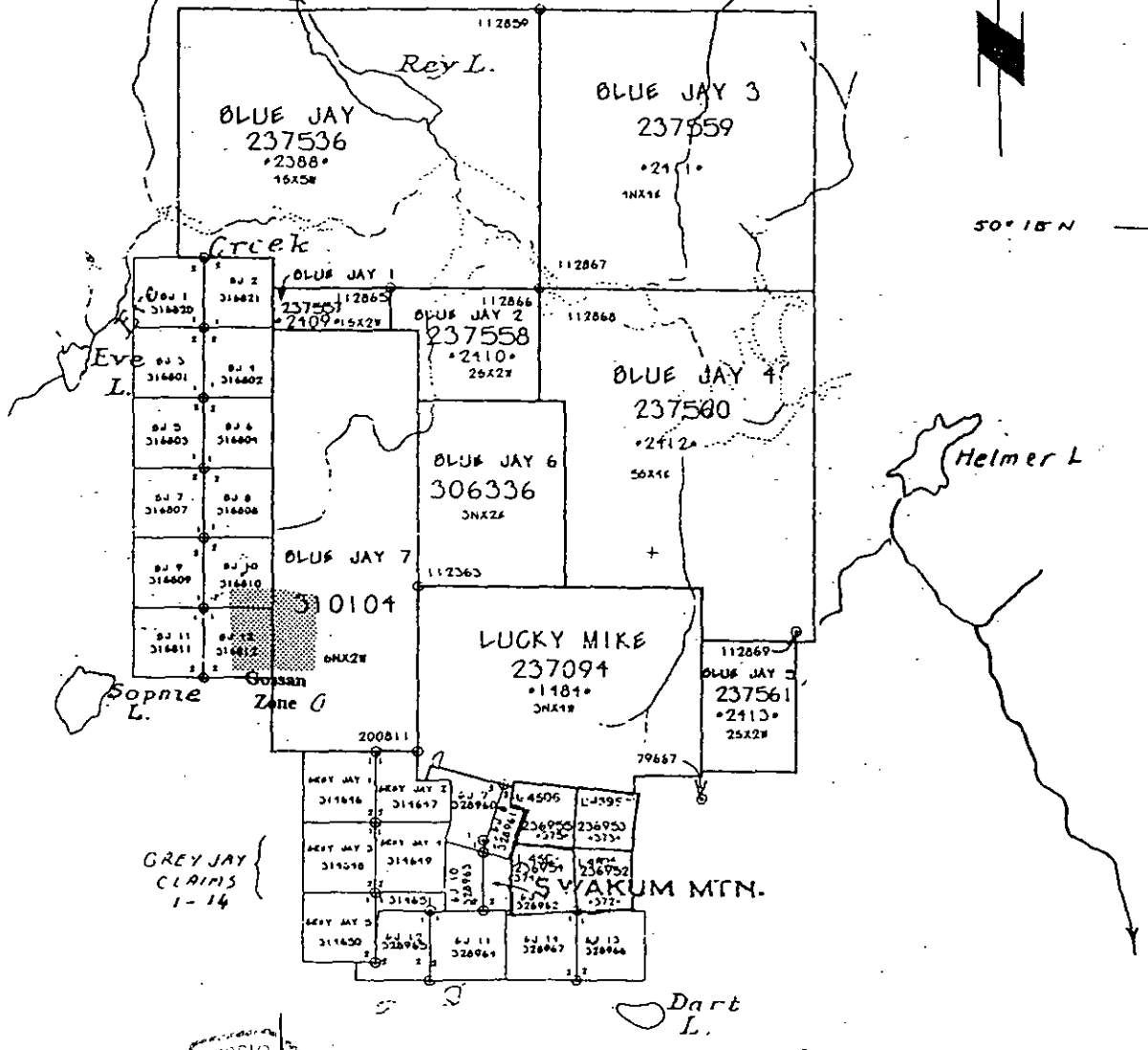
The following table (Table 4.1) comprises the pertinent claim data:

Table 4.1

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>
Blue Jay	20	237536
Blue Jay 1	2	237557
Blue Jay 2	4	237558
Blue Jay 3	16	237559
Blue Jay 4	20	237560
Blue Jay 5	4	237561
Blue Jay 6	6	306336
Blue Jay 7	12	310104
Lucky Mike	12	237094
Old Alameda 8	1	236952
Old Alameda 9	1	236953
Old Alameda	1	236954
Old Alameda	1	236955
Grey Jay 1	1	314646
Grey Jay 2	1	314647
Grey Jay 3	1	314648
Grey Jay 4	1	314649
Grey Jay 5	1	314650
Grey jay 6	1	314651
BJ 1	1	316820
BJ 2	1	316821
BJ 3	1	316801

120° 42' W

50° 18' N



Hera Resources Inc.	
REY LAKE PROPERTY	
CLAIM MAP NTS 9247 Nicola M. Div.	
SCALE ~ 1:50000	DATE ~ MAY 7, 1996
FIG. 2	

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No</u>
BJ 4	1	316802
BJ 5	1	316803
BJ 6	1	316804
BJ 7	1	316807
BJ 8	1	316808
BJ 9	1	316809
BJ 10	1	316810
BJ 11	1	316811
BJ 12	1	316812

5.0 HISTORY

The earliest mineral exploration on the property was conducted on Swakum Mt. in the early 1900's. Most of this activity took place in the polymetallic skarn mineralization centered on the Lucky Mike (Last Chance) and Alameda showings and consisted of small pits and shafts. Minor shipments of ore were made from the area up until the 1940's, when the wartime government took an interest in the Lucky Mike claim for its copper and scheelite potential. This particular area of the Rey Lake property still retains significant exploration focus today.

ARSARCO Ltd. became interested in the Rey Lake property in 1972, identifying a copper/moly porphyry deposit at the southern end of Rey Lake. They conducted geophysical surveys and drilling for the next two years and outlined a reserve of approximately 31 million tons grading 0.23% copper equivalent. From 1974 to 1976, Craigmont Mines Ltd. carried more exploration primarily on the northeast side of the lake and adjacent swamp, expanding the zone of known mineralization. After this, options were held by Tracer Resources Corp. and International Santana Ltd. until the claims eventually lapsed. In 1988, the ground was restaked by William Petrie of Merrit, B.C.

During 1988, Corona Corp. carried out a drill program on the Lucky Mike showing and at the same time conducted an airborne geophysical survey over the southern half of the Rey Lake property. Unable to finalize an agreement with the owner of the ground adjoining the Lucky Mike, Corona allowed their options to lapse. Following this, the ground was optioned by Hera Resources Inc. and incorporated into the Rey Lake property.

In 1991, Hera Resources commissioned Strato Geological Engineering Ltd to complete a preliminary I.P survey over the Rey Lake porphyry. This survey was

followed in 1993, by a more detailed I.P. program over a number of potential areas on the property, one of which was the Gossan Zone. This survey culminated in a drilling program in which 8 drill holes were completed (4 on the Rey Lake porphyry; 4 on Swakum Mt.) for a total of 4661.3 feet of drilling.

6.0 REGIONAL AND LOCAL GEOLOGY

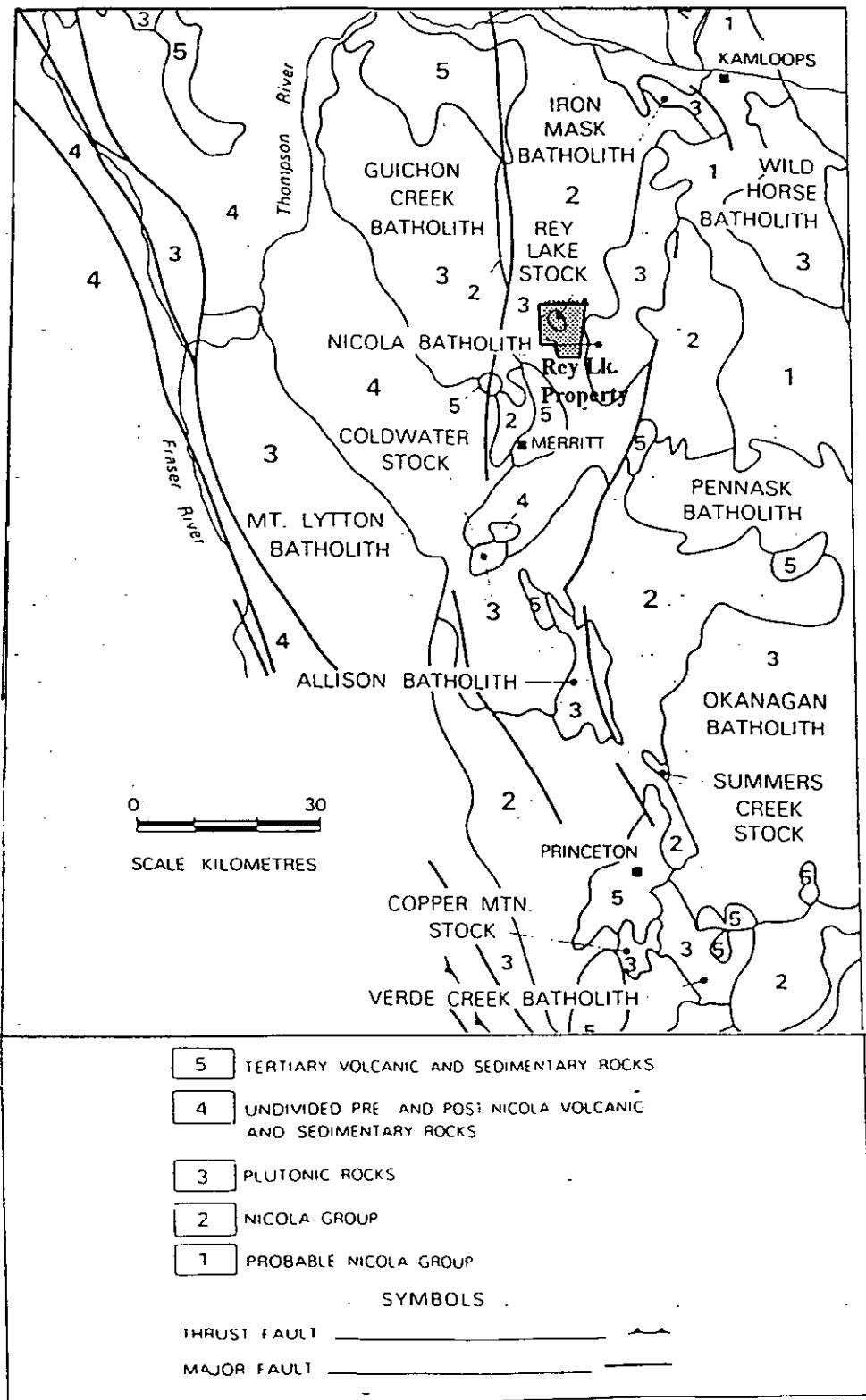
A description of the regional and local geology of the Rey Lake area (Regional Geology, Fig. 3) has been compiled by W.A Howell (1993) and is as follows:

"The region is underlain by volcanic and sedimentary rocks of the late Triassic to early Jurassic Nicola Formation. These rocks have been intruded by Tertiary volcanics, dikes and sills (?) and around Rey Lake by granitic rocks of variable composition. Within the local region, the Nicola rocks are fault bounded and are believed to occupy a graben structure. Intrusive rocks of the Guichon Batholith (which host the Famous Highland Valley mineral deposits) lie to the west of the Nicola rocks. On the east side of the graben, Jurassic aged intrusives of the Nicola Batholith occur. Intrusive rocks of the Tertiary, Iron Mask Batholith abut the Nicola Graben on it's northeast side.

Locally, outcropping bedrock is scarce, particularly around Rey Lake and extending about 2 km southwards, about halfway to Swakum Mt.

Within this area overburden depth reaches as much as 300 feet (91 metres) on the north side of Rey Lake but is commonly only a few meters on the southern side where sporadic outcrop occurs. Bedrock is more commonly exposed on the upper north and west flanks of Swakum Mtn. where limestones, shales and volcanic rocks have been subjected to thermal alteration, locally reaching garnet skarn assemblages (i.e. Lucky Mike showings). Intrusive quartz monzonite rocks of the Rey Lake Pluton, have been mapped beneath Rey Lake and extending in a "finger" southwards for about 1 km. The extent of the intrusive has been largely inferred from widely spaced percussion and diamond drill holes, dating from the 1972-1976 episodes of exploration."

In addition to Mr. Howell's apt description of the regional and local geology it should be noted that at least two fault systems cut the Rey Lake property. The most prominent of the two is a dominant northwest trending structure which forms the main valley of Rey Lake and Ray Creek. As well, along the western boundary of the property, a set of smaller northeast trending faults cut the claims. It is along these northeast trending structures that the Gossan Zone lies.



REGIONAL GEOLOGY - MERRITT AREA

Fig. 3

DRK

7.0 MINERALIZATION

Mineralization within the Rey Lake Pluton and surrounding Nicola rocks generally occurs as disseminations and "stockwork" veinlets of mainly pyrite, chalcopyrite and minor molybdenite. Although, the skarns on the south shore of Rey Lake and especially in the Lucky Mike area on Swakum Mt. show intense mineralization with locally rich zones of chalcopyrite, pyrite, scheelite and molybdenite. As well, gold, silver, lead and zinc mineralization is found on Swakum Mt. in quartz veins which in the past have returned reported values of up to 0.9 oz. per ton Au and 17 oz. per ton Ag with associated Pb, Zn and Cu.

In the Gossan Zone, mineralization is primarily in the form of pyrite and generally occurs as disseminations and fracture fillings. Local intensely altered areas can run as high 9 - 10% pyrite. Minor silicification is evident throughout the gossan with one area in the middle of the zone of intense silicification of up to 75 - 80% .

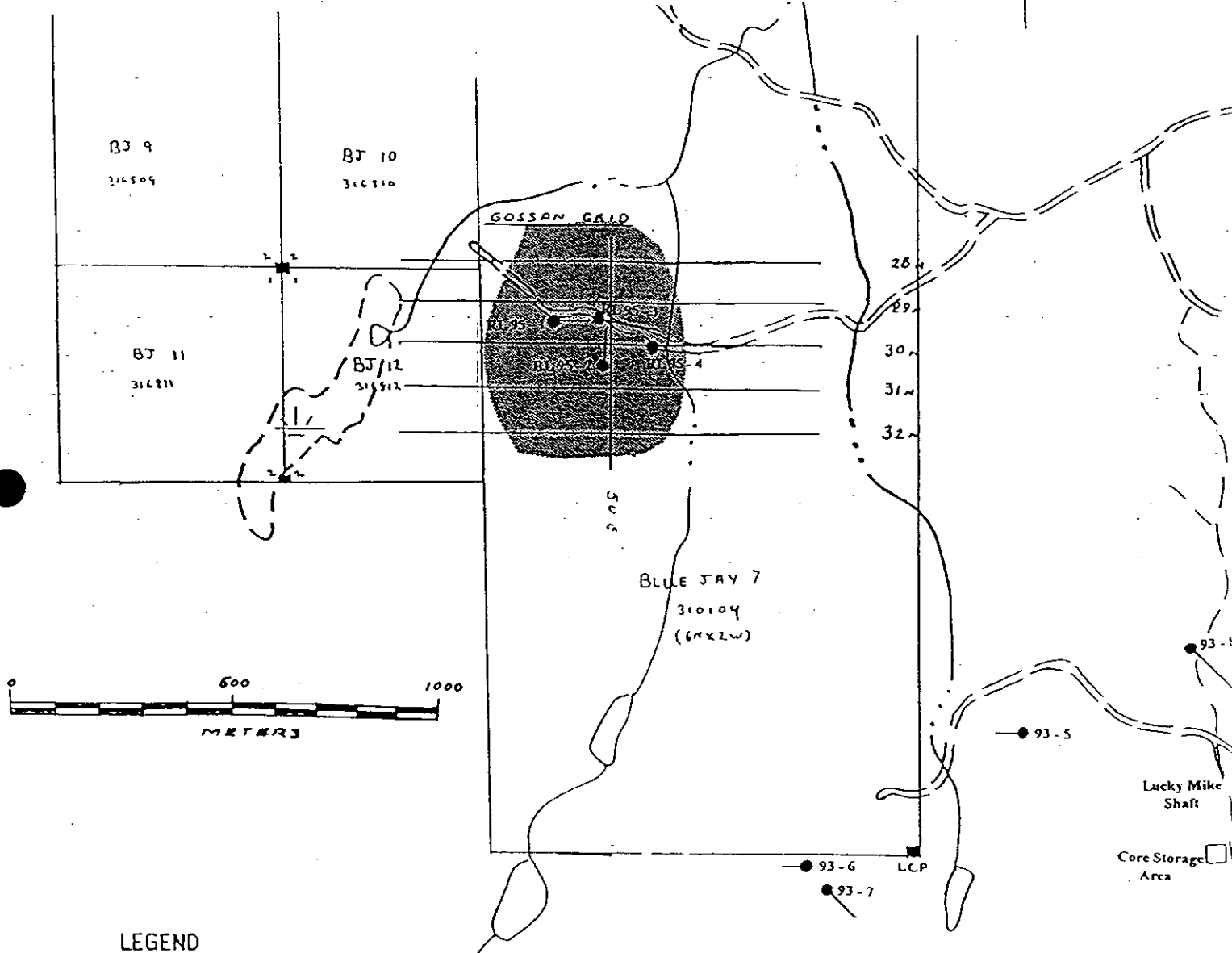
8.0 1995 DRILL PROGRAM

During June and July of 1995, a diamond drill program was conducted over an area known as the "Gossan Zone" located in the western portion of the Rey Lake property. The program was designed to test for base and precious metal potential in response to anomalous I.P. results from a geophysical survey conducted in 1993. The I.P. defined a wide zone of both high metal factor (> 700) and high chargeability (> 50 msec) centered along the baseline 50+00E between line 29+00N and line 30+00N. Surface exposures of intensely pyritized and altered volcanics corresponded to the anomalous results.

The drilling was carried out by Rainbow Diamond Drilling Ltd. of Merrit, B.C., using a Longyear Super 38 drill to obtain NQ core. In all, four diamond holes were drilled at selected locations (Drill Hole Location Map, Fig. 4) along pre-existing log haul trails.

All holes were drilled at -60° to horizontal to allow for both depth of penetration into the zone and acceptable cross-sectional coverage. The average hole depth was approximately 154 metres for a total of 616.31 metres drilled. The core was logged on site, then split and sampled. Sample intervals consisted of a maximum of 3.05 metres (10 feet) until a mineralized intersection was encountered, then intervals were reduced to 1 metre or less.

A total 262 core samples were collected and shipped to Acme Analytical Laboratories Ltd. for analysis. Samples were analyzed for gold (reported in ppb) and for a 30 element I.C.P. Remaining core is stored at an established core storage area on Swakum Mtn., located approximately 150 m SSW of the Lucky Mike shaft (Fig. 4).



LEGEND



- swamp
- stream
- dirt road
- 4 w.d. trail
- Drill Hole Locations
- I.P. Anomaly



Hera Resources Inc.	
REY LAKE PROPERTY	
DRILL HOLE LOCATION MAP	
DATE: MAY 7, 1993	
FIG. 4	

DDH RL 95-1

This drill hole was collared approximately 125 metres west of the centre of chargeability (Fig. 4) at 29+60N by 48+75E. The hole was drilled at an inclination of -60° on a bearing of 090° . Casing was set at 4.57 m and the total depth of the hole was 150.88 m. The initial rock was an altered, light to medium grey andesite with minor silicification to about 10%. Pyrite was disseminated throughout (up to 5%) with numerous, fine pyrite filled fractures. Occasional zones of shearing contained minor epidote, calcite and chlorite. At 26.08 metres, a thin 1.5 cm band of pyrite with chalcopyrite was intersected. This sample (#24509) returned a copper value of 628 ppm Cu, the highest copper value encountered during the drilling. Between 81.94 m to 83.60 m a fault zone was intersected and from within this zone a 2 metre sample (# 24530) was taken. Sample # 24530 returned a gold value of 87 ppb Au which as well, was the highest gold encountered during the drilling. Toward the bottom of the drill hole, a number of feldspar porphyry dikes were intersected with thicknesses up to 5 metres. The hole was terminated in relatively unaltered andesite/basalt with a high magnetite content.

DDH RL 95-2

Drill hole RL 95-2 collared 94 metres south of the road intersection at 29+50N and 50+00E. The casing was set in broken subcrop of an intensely silicified volcanic (andesite ?). The hole was inclined at -60° on a bearing of 008° and drilled to a final depth of 157.58 metres. Silicification of approx. 75 - 80% in the top 10 to 15 metres of the hole had completely obliterated the texture of the original rock-type. Pyrite mineralization of up to 8 - 10% was disseminated in 1 cm blebs and along fracture surfaces. At approx. 26 metres downhole, the silicification began to decrease to about 20 - 30% and continued to decrease downhole. Gold values in this drill hole were quite low with the highest value returned (Sample # 24582) at 27 ppb Au. Copper values as well, were quite low. RL 95-2 was terminated in unaltered andesite.

DDH RL 95-3

This drill hole was collared in the centre of the chargeability anomaly at line 29+50N and 50+00E (the intersection of two log hauling trails). At an inclination of -60° and a bearing of 105° , the hole was drilled to a total depth of 158.19 metres. Casing was set at 3.66 m in oxidized and broken andesite subcrop. Throughout the drill hole the volcanic rock appeared to fluctuate between fine-grained andesite and andesite feldspar porphyry with contacts generally unclear. From 41 m to 70 m, pyrite mineralization appeared to increase up to 5 - 10% primarily in thin fracture fillings. As well, an increase in fine chalcopyrite occur with the pyrite. A 2 m sample

(#24855) taken from this zone at 41.0 m downhole returned a copper value of 276 ppm Cu. As well, the highest gold value in this hole of 45 ppb Au came from a 1.5 m sample (#24862) taken at 53.2 m in an andesite with fine pyrite-filled fractures. Occasional felsic dikes were encountered downhole but generally with decreased mineralization. The drill was halted in mildly altered andesite.

DDH RL 95-4

RL 95-4 was collared near the eastern edge of the I.P. anomaly, approx. 132 metres east of DDH 95-3. The hole was inclined at -60° and a bearing of 105°. The total depth of the hole was 149.66 metres. Casing was set at 2.44 m in a mildly pyritized andesite with small (< 5 mm) feldspar phenocrysts. Mineralization decreased downhole from 3-5% near the top to < 1% near the bottom. Gold and copper values were considered negligible (barely above background). The hole was terminated in unaltered andesite.

9.0 CONCLUSIONS AND RECOMMENDATIONS

The drill results from the 1995 diamond drill program on the Gossan Zone did not indicate any economic potential with respect to base or precious metals. Of the 262 samples analyzed, the highest gold value was 87 ppb Au. Copper as well, returned a high value of only 628 ppm Cu. Although pyritization was intense, it appeared that very little in base or precious were associated with the pyrite.

It is recommended that future exploration focus on the Rey Lake property be concentrated on the continued definition of the copper mineralization previously intersected in the Rey Lake porphyry. Similarly, it is recommended that further exploration on defining the extent and potential of the Swakum Mt. showing might prove more viable

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APPENDIX I

Statement of Costs

Statement Of Costs

Accommodation

Inntowne Motel \$ 1,723.49

Contract Work

Duane Lucas \$300.00/day x 21.5 days 6,450.00

Wages

Shayne Langton \$140.00/day x 27 days \$ 3,780.00

Expenses

Duane Lucas \$ 1,401.87

Shayne Langton \$ 217.56

Drilling

Rainbow Drilling \$ 27,570.00

Assaying

Acme Analytical Laboratories \$ 2,313.98

Other

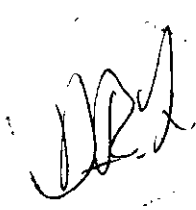
Administration & Supervision \$ 1,000.00

Reprot Writing \$ 2,500.00

Deakin Equipment \$ 208.63

Cana Rentals Ltd (Truck) \$ 1,330.70

Grand Total \$ 48,496.23



APPENDIX II

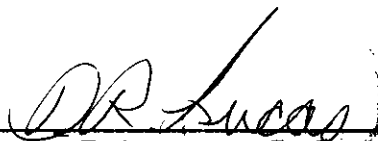
Statement of Qualifications

Statement of Qualifications

I, Duane R. Lucas, do hereby certify that:

1. I reside and operate a consulting practice at 3549 West 12th Avenue, Vancouver, B.C., V6R 2N3, Tel. (604) 732-1866.
2. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia, Reg. No. 20461.
3. I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology (1979).
4. I have practised my profession as a geologist since 1979 and have as an employee and/or consultant for a number of international mining corporations and junior resource companies.
5. The data contained within this report was obtained from personal field examination, published and unpublished reports and other sources of information.
6. I have no interest, nor do I expect to receive any interest in Hera Resources Inc. or the Rey Lake Property.
7. The full text of this report as well as any accompanying maps may be reproduced in their entirety.

Dated in Vancouver, British Columbia, this 20 th day of October 1995.


Duane R. Lucas, P. Geo.

APPENDIX III

Analytical Results



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SL95-1	4	15	<3	34	<.3	6	1	324	1.53	2	<5	<2	<2	5	.9	<2	<2	14	.16	.036	4	19	.42	24	.06	<3	.84	.07	.39	<2	<1

Sample type: ROCK.



GEOCHEMICAL ANALYSIS CERTIFICATE

Hera Resources Inc. PROJECT REY LAKE File # 95-2068 Page 1

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9

Table with columns: SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Au** (ppm, %, ppm, ppb). Rows list sample IDs (e.g., A 24529, RE A 24540) and their corresponding elemental concentrations.

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

DATE RECEIVED: JUL 30 1995 DATE REPORT MAILED: July 11/95 SIGNED BY: C. Leong, J. Wang D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



AA ANALYTICAL



AA ANALYTICAL

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	
R 95-2																																
A 24562	2	70	8	102	<.3	11	21	718	7.86	20	<5	<2	<2	97	.3	<2	4	69	1.24	.068	<1	5	1.13	32	.26	4	2.48	.28	1.04	<2	<2	
A 24563	2	74	13	95	<.3	9	22	896	8.34	19	<5	<2	<2	79	<.2	<2	3	85	1.21	.063	<1	9	1.39	24	.25	3	2.46	.27	1.16	<2	2	
A 24564	1	75	10	101	<.3	10	21	1124	8.43	22	<5	<2	<2	95	<.2	<2	5	104	1.02	.051	<1	6	1.90	20	.30	<3	2.35	.20	1.44	<2	<2	
A 24565	1	72	11	130	<.3	32	35	1833	7.91	16	<5	<2	<2	324	<.2	<2	2	158	.72	.053	<1	38	3.72	23	.23	<3	3.01	.07	1.42	<2	4	
A 24566	1	79	6	146	<.3	43	37	2294	7.44	15	<5	<2	2	216	.3	<2	3	204	.96	.037	<1	54	5.08	20	.27	3	3.92	.15	1.20	<2	17	
A 24567	1	93	4	128	<.3	43	38	2245	7.07	15	<5	<2	2	334	.4	<2	3	193	1.42	.038	<1	47	4.94	19	.25	<3	3.88	.14	1.10	<2	2	
A 24568	1	96	6	97	<.3	37	31	1561	7.36	16	<5	<2	<2	254	.4	<2	5	179	1.54	.037	<1	44	3.56	17	.28	<3	3.12	.22	1.21	<2	3	
A 24569	2	76	4	104	<.3	54	24	1830	5.95	16	<5	<2	<2	366	.4	<2	3	155	2.65	.112	<1	73	4.96	33	.28	<3	5.18	.37	1.99	<2	2	
A 24570	1	83	<3	96	<.3	36	24	1832	6.70	14	<5	<2	2	199	.4	<2	5	150	3.34	.060	<1	47	3.92	34	.24	<3	3.85	.25	1.44	<2	<2	
A 24571	2	187	3	83	<.3	24	28	1612	7.94	13	<5	<2	2	334	.7	<2	2	122	2.62	.036	<1	35	3.17	25	.20	<3	2.80	.19	.88	<2	10	
A 24572	2	130	9	106	<.3	20	28	2223	8.18	9	<5	<2	3	532	.6	<2	<2	146	1.02	.045	<1	30	3.43	20	.18	<3	3.27	.17	1.27	<2	4	
A 24573	2	101	7	115	<.3	22	34	2117	8.60	6	<5	<2	2	229	.9	<2	<2	84	.93	.038	<1	35	3.09	17	.08	<3	2.59	.06	1.03	<2	5	
RE A 24573	2	100	7	113	<.3	23	33	2083	8.45	3	<5	<2	2	225	1.0	<2	<2	82	.91	.037	<1	35	3.03	17	.08	<3	2.54	.06	1.01	<2	7	
RRE A 24573	2	97	9	108	<.3	19	32	1995	8.17	5	<5	<2	<2	225	1.3	<2	<2	79	.87	.037	<1	31	2.89	18	.08	<3	2.42	.05	.95	<2	4	
A 24574	2	14	3	71	<.3	20	10	713	3.85	7	<5	<2	3	80	.6	<2	5	72	2.63	.176	12	23	1.66	144	.14	<3	1.74	.04	.57	<2	4	
A 24575	2	9	6	74	<.3	21	12	638	3.77	4	<5	<2	4	80	.6	<2	2	55	3.05	.185	14	20	1.66	196	.09	<3	1.72	.04	.35	<2	18	
A 24576	2	12	6	74	<.3	22	11	750	3.90	5	<5	<2	3	75	.8	<2	<2	66	3.02	.171	15	24	1.69	212	.10	4	1.77	.04	.55	<2	11	
A 24577	1	77	3	99	<.3	34	37	2192	7.78	<2	6	<2	2	210	1.1	<2	<2	105	.64	.042	<1	38	4.19	19	.02	<3	2.91	.07	.59	<2	<2	
A 24578	1	85	5	83	<.3	33	37	2025	7.67	<2	<5	<2	<2	251	1.3	<2	<2	84	.64	.042	<1	39	4.05	28	.03	3	3.01	.12	1.36	<2	8	
A 24579	2	89	13	87	<.3	34	36	2153	7.70	3	<5	<2	2	235	.9	<2	<2	62	1.00	.041	<1	36	3.78	34	.06	<3	3.15	.21	1.46	<2	5	
A 24580	3	133	5	91	<.3	18	30	2235	7.95	2	<5	<2	2	95	1.1	<2	<2	150	1.59	.060	<1	17	3.21	30	.06	<3	3.86	.45	.72	<2	126	
STANDARD C/AU-R	20	60	36	126	6.5	73	31	1087	4.06	40	18	6	35	51	18.4	16	18	61	.51	.091	41	54	.91	195	.09	29	1.91	.06	.16	10	425	

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	
2195-3																																
A 24880	1	33	<3	95	.3	9	16	1646	6.14	<2	<5	<2	<2	75	<.2	2	3	90	1.12	.067	4	10	1.95	21	.20	3	2.66	.19	1.21	<2	1	
A 24881	2	41	<3	185	.3	10	17	1979	6.25	<2	<5	<2	<2	86	.6	4	<2	99	1.95	.064	1	11	2.14	31	.22	3	3.38	.35	1.27	<2	2	
A 24882	2	29	<3	135	<.3	11	17	1870	6.48	<2	<5	<2	<2	109	.9	4	2	73	3.73	.066	3	8	1.92	54	.12	3	4.56	.25	1.17	<2	1	
A 24883	2	43	<3	126	.3	13	18	2079	6.93	3	<5	<2	<2	141	.3	2	2	97	2.85	.067	1	12	2.40	44	.19	<3	4.83	.47	1.41	<2	2	
A 24884	1	34	4	116	<.3	10	19	1471	6.52	4	<5	<2	<2	56	.2	<2	3	88	1.18	.067	3	11	1.88	21	.20	<3	2.55	.20	1.09	<2	2	
A 24885	1	41	<3	102	<.3	11	18	1499	6.11	3	<5	<2	<2	51	.2	2	3	77	.94	.070	3	11	2.04	25	.26	5	2.41	.12	.52	<2	2	
A 24886	2	36	<3	102	<.3	9	19	1607	6.27	4	<5	<2	<2	36	<.2	<2	4	80	.79	.069	6	11	2.09	29	.23	<3	2.42	.09	.55	<2	2	
A 24887	1	41	4	73	.3	11	19	1662	6.50	4	<5	<2	<2	59	<.2	3	<2	83	1.05	.068	5	10	1.78	26	.16	3	2.14	.13	.83	<2	2	
RE A 24887	1	44	7	77	.4	10	20	1764	6.88	6	<5	<2	<2	66	<.2	3	3	88	1.13	.070	5	10	1.90	27	.17	<3	2.25	.14	.88	<2	2	
RRE A 24887	1	46	7	72	.3	10	18	1693	6.36	5	<5	<2	<2	55	<.2	2	<2	84	1.05	.071	6	10	1.80	27	.15	3	2.11	.13	.82	<2	2	
A 24888	2	41	3	71	<.3	12	19	1711	6.59	8	<5	<2	<2	42	<.2	<2	3	95	1.04	.070	4	11	2.01	19	.22	<3	2.15	.16	.96	<2	2	
A 24889	1	37	<3	65	<.3	11	18	1477	5.75	3	<5	<2	<2	60	<.2	3	<2	81	1.10	.068	3	11	1.67	46	.24	3	2.16	.15	.54	<2	1	
A 24890	1	32	<3	70	<.3	10	18	1628	5.90	<2	<5	<2	<2	72	<.2	<2	4	96	1.56	.070	2	11	1.93	37	.25	5	2.55	.14	.65	<2	2	
A 24891	2	51	<3	74	.3	12	18	1802	5.65	<2	<5	<2	<2	174	<.2	4	2	81	3.13	.064	1	10	2.24	77	.21	<3	4.03	.21	.79	<2	5	
A 24892	1	44	7	83	<.3	9	15	2018	5.32	5	<5	<2	<2	506	.2	4	2	87	5.43	.059	<1	9	2.85	86	.14	4	5.03	.18	1.24	<2	4	
A 24893	3	28	5	37	.9	9	19	1031	6.25	3	<5	<2	<2	47	<.2	<2	<2	42	3.13	.067	2	5	.99	37	.05	4	2.59	.09	.61	<2	30	
A 24894	2	37	8	91	.8	9	19	907	6.49	3	<5	<2	<2	24	.9	<2	3	23	1.70	.067	4	5	.80	38	.01	<3	1.89	.07	.62	<2	7	
A 24895	1	12	<3	26	<.3	8	14	790	5.18	<2	<5	<2	<2	64	.3	<2	2	30	5.44	.055	3	5	.85	25	.01	<3	2.43	.05	.46	<2	13	
A 24896	1	47	3	42	.6	10	20	800	6.71	5	<5	<2	<2	21	<.2	<2	4	27	1.99	.066	4	6	.96	36	<.01	<3	1.80	.03	.71	<2	14	
A 24897	1	37	<3	46	.3	9	17	1060	5.80	4	<5	<2	<2	33	<.2	<2	2	64	2.62	.060	3	7	1.78	41	.05	4	2.90	.08	.97	<2	15	
A 24898	1	13	5	40	.3	8	14	722	5.46	<2	<5	<2	<2	36	<.2	2	4	38	3.73	.061	6	5	.76	26	.01	<3	1.35	.02	.39	<2	8	
A 24899	1	12	5	27	<.3	9	19	501	5.50	3	<5	<2	<2	28	<.2	<2	7	17	3.02	.070	7	3	.40	29	<.01	4	.85	.01	.31	<2	5	
A 24900	1	31	5	64	.5	9	18	1027	6.00	2	<5	<2	<2	44	.2	4	2	57	2.91	.060	5	6	1.50	22	.08	<3	2.90	.14	1.03	<2	19	
A 24901	1	16	<3	59	<.3	8	17	1126	4.94	2	<5	<2	<2	29	.3	2	3	89	1.04	.064	3	10	2.04	58	.20	<3	2.36	.09	.94	<2	3	
RE A 24901	1	15	<3	58	<.3	9	17	1110	4.88	<2	<5	<2	<2	29	.2	<2	4	88	1.03	.063	3	10	2.03	62	.20	<3	2.34	.09	.93	<2	3	
RRE A 24901	1	13	<3	56	<.3	7	16	1067	4.70	<2	<5	<2	<2	27	<.2	<2	<2	86	.99	.061	2	10	1.95	60	.20	<3	2.25	.08	.89	<2	3	
A 24902	1	18	<3	52	<.3	8	17	1114	5.34	<2	<5	<2	<2	42	<.2	<2	2	86	1.84	.063	6	10	1.52	32	.11	<3	2.18	.10	.72	<2	3	
A 24903	1	31	<3	59	<.3	10	18	1019	5.44	4	<5	<2	<2	39	<.2	3	4	81	1.44	.063	4	11	1.61	25	.13	<3	2.02	.08	.51	<2	4	
A 24904	2	29	3	46	<.3	9	16	1803	5.12	7	6	<2	<2	49	<.2	2	4	18	6.52	.047	4	4	.78	33	<.01	<3	.82	.01	.35	<2	3	
A 24905	1	26	4	72	<.3	7	16	1866	5.43	6	<5	<2	<2	41	<.2	<2	4	41	4.33	.055	8	7	1.35	36	.01	<3	1.30	.02	.54	<2	3	
STANDARD C/AU-R	20	59	35	137	7.2	71	34	1178	4.29	44	17	7	36	52	17.9	16	22	62	.50	.090	46	61	.86	195	.09	29	2.05	.06	.17	8	500	

sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



AMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
RL 95-4 24939	2	51	9	97	<.3	14	19	1516	6.24	11	<5	<2	<2	79	.8	3	<2	80	2.00	.071	3	10	2.27	35	.06	<3	4.02	.40	.87	<2	3
24940	3	32	11	105	<.3	13	18	1657	5.59	9	<5	<2	<2	62	.7	3	<2	97	1.77	.069	2	11	2.55	32	.09	<3	4.16	.45	1.06	<2	2
24941	2	31	10	79	<.3	13	18	1276	5.74	8	<5	<2	<2	68	.4	<2	<2	72	2.07	.074	1	10	2.20	36	.06	<3	4.26	.37	1.01	<2	3
24942	2	36	10	75	.3	9	15	1362	5.80	10	<5	<2	<2	60	.4	2	<2	69	2.09	.076	5	8	2.56	40	.04	3	4.17	.38	.95	<2	4
24943	2	51	6	86	<.3	16	14	1434	4.01	3	<5	<2	<2	97	.4	<2	<2	111	2.91	.067	3	20	3.09	127	.13	3	5.86	.51	1.16	<2	6
24944	2	18	9	75	<.3	16	17	1340	5.09	4	<5	<2	<2	89	.7	<2	<2	108	2.83	.068	1	14	2.44	95	.14	<3	4.48	.44	.62	<2	2
24945	1	25	8	69	<.3	13	18	1237	5.42	6	<5	<2	<2	69	.6	<2	<2	109	1.85	.069	2	13	2.06	31	.19	<3	3.43	.37	.86	<2	3
24946	2	38	5	112	<.3	13	17	1598	5.34	8	<5	<2	<2	75	.3	4	<2	119	2.16	.070	3	12	2.76	33	.19	<3	4.42	.51	1.27	<2	3
A 24946	2	37	11	113	<.3	14	17	1644	5.43	8	<5	<2	<2	77	.5	5	<2	121	2.19	.072	3	13	2.80	33	.19	<3	4.49	.51	1.29	<2	2
RE A 24946	2	45	5	120	<.3	16	18	1673	5.71	3	<5	<2	<2	82	.6	<2	<2	125	2.30	.074	3	14	2.97	29	.19	<3	4.75	.55	1.36	<2	4
24947	2	42	7	98	<.3	14	19	1319	5.19	8	<5	<2	<2	66	.5	<2	<2	108	2.54	.067	3	12	2.16	40	.11	<3	4.34	.44	1.02	<2	6
24948	1	7	7	50	<.3	9	5	784	2.00	4	<5	<2	3	53	.3	<2	<2	23	3.63	.121	24	7	.52	237	<.01	<3	.94	.04	.22	<2	1
24949	3	33	8	88	<.3	15	18	1171	4.70	6	<5	<2	<2	52	.4	<2	<2	100	2.43	.079	9	16	1.99	123	.07	3	3.11	.17	.67	<2	2
24950	3	32	10	108	<.3	10	17	1880	5.60	10	<5	<2	<2	53	.7	<2	<2	85	3.53	.072	9	10	2.66	36	.07	3	3.89	.30	1.27	<2	2
24951	3	100	5	106	.3	12	16	1303	5.74	9	<5	<2	<2	112	.5	2	<2	96	1.81	.072	3	12	2.42	27	.12	<3	4.17	.45	1.36	<2	2
24952	2	33	6	117	<.3	11	18	1416	5.62	10	<5	<2	<2	91	.8	4	<2	85	1.41	.078	2	11	2.67	35	.11	<3	3.60	.28	1.17	<2	1
24953	2	38	4	86	<.3	14	18	1392	5.56	7	<5	<2	<2	79	.4	2	<2	103	1.10	.080	2	13	2.77	49	.15	<3	3.31	.19	.67	<2	1
24954	3	37	3	112	<.3	13	19	1216	5.68	8	<5	<2	<2	72	.6	<2	<2	94	1.51	.079	2	12	2.91	31	.15	<3	4.21	.35	1.22	<2	4
A 24954	3	36	6	108	<.3	12	18	1164	5.52	7	<5	<2	<2	70	.5	<2	<2	92	1.43	.077	2	12	2.78	41	.14	<3	4.06	.34	1.21	<2	5
RE A 24954	3	36	4	108	<.3	11	18	1143	5.35	3	<5	<2	<2	67	.8	2	<2	90	1.37	.074	2	12	2.70	42	.14	<3	3.95	.34	1.18	<2	5
24955	2	32	8	92	<.3	10	13	984	4.96	3	<5	<2	<2	66	.4	2	<2	71	1.33	.073	3	10	2.31	49	.08	<3	3.53	.32	1.04	<2	4
24956	2	24	8	69	<.3	11	13	952	5.14	6	<5	<2	<2	77	.7	2	<2	73	1.73	.071	3	11	2.84	47	.07	<3	4.71	.47	1.25	<2	5
24957	2	38	6	48	<.3	9	18	534	5.82	12	<5	<2	<2	35	.8	3	<2	33	1.43	.079	4	6	1.54	41	.01	<3	2.30	.17	.56	<2	5
24958	2	55	7	82	<.3	9	20	870	6.83	11	<5	<2	<2	35	.3	2	2	71	.65	.086	4	7	1.89	31	.02	<3	1.87	.15	.54	<2	1
24959	1	63	6	90	<.3	12	26	1049	7.43	8	<5	<2	<2	25	.5	<2	<2	95	.44	.086	3	7	1.94	27	.03	<3	1.56	.08	.37	<2	2
24960	2	98	7	102	<.3	12	21	1087	6.67	11	<5	<2	<2	45	.7	2	<2	119	1.18	.082	2	11	2.03	29	.10	<3	2.73	.27	.63	<2	2
24961	2	88	4	136	.3	9	20	1230	6.86	10	<5	<2	<2	61	.6	4	<2	119	1.11	.094	3	6	2.03	35	.16	<3	2.64	.23	.62	<2	2
24962	3	62	4	125	<.3	8	21	1279	6.55	10	<5	<2	<2	84	.6	<2	<2	129	1.47	.082	1	7	1.93	46	.23	<3	3.06	.25	.52	<2	3
STANDARD C/AU-R	19	59	36	137	7.1	75	32	1017	3.59	43	16	7	34	50	18.4	18	19	66	.48	.088	43	58	.84	173	.08	29	1.71	.06	.15	10	450

Sample type: CORE, Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

APPENDIX IV

Drill Logs

Property: Rey Lake

Hole No. RL95-1

Dep -60 Bearing 090

Date Begun: June 23, 1995

Total Depth: 150.88

Date Finished: June 26, 1995

Logged by: D.R. Lucas

Date Logged: June 26, 1995

Core Size: NQ

Depth		Recovery	Description	Sample No.	From	To	Sample Width
From	To						
0	4.57		Casing - ground very broken & blocky. (poss. fault?)				
4.57	8.23	50%	Grey Andesite - fine grained, light to medium grey. Minor silicification to approx 10%. Feldspars generally intact. Occasional quartz bleb. *Abundant calcite in top 2.7m. Core broken to pulverized, looks mylonitic. Fractures at 55 degrees to CA predominate from 7.20 to 7.25 m. Minor calcite filled fractures at 15 degrees to CA. *Disseminated pyrite throughout up to 5% with numerous py filled fractures from 7.20 to 7.35 m.	24501	4.57	8.23	3.66
8.23	13.5	100%	Grey Andesite - medium grey, mottled. Py disemm. throughout w/ occasional blebs to 0.5cm diameter. T.S. approx. 5% chlorite and minor epidote along fracture planes at 45 to 50 to CA. Fracture zones are banded (ie. welded shears) *Abundant quartz eyes from 11.28m to 11.90m *Shear zone from 10.78 to 10.90 at 50 to CA w/ py to 20%. Core friable, broken. *Small shear zone (-5cm thick) at 12.91m	24502 24503	8.23 11.28	11.28 13.5	3.05 2.22
13.5	15.85	100%	Med to hard grey andesite - dark grey due to fine grained magnetite. Calc. filled fractures. Minor chlorite along fracture planes and welded shears 14.80 to 15.85 - fracturing subparallel to CA at 0 to 5 degrees. Total sulphides - 1 - 2% Py	24504	13.5	15.85	2.35
15.85	18.59	100%	Grey Andesite - medium grey, fine grained, feldspars tightly packed with occasional qtz eyes. Pyrite disseminated in blebs up to 5% with abundant pyrite along fracture surfaces. Possible very fine chalcopyrite (cpy) at 17.20m. Numerous fractures at 50-015 degrees to CA (subparallel to CA). Second set of fractures at 75 - 80 degrees to CA *Abundant chlorite & calc. along fracture surfaces.	24505	15.85	18.59	2.74

Hole # RL95-1

Rey Lake Property

Depth		Recovery	Description	Sample	From	To	Sample Width
From	To			No.			
18.59	29.53		medium to dark grey andesite (basalt?) - massive med. to dark grey. Fine grained magnetite throughout. Very finely disseminated py generally 1-2 %, but up to 10% near fractures. Poss. fine cpy with py at 20.42m. Band of py/cpy 1.5cm thick at 30deg. to CA at 26.08m. 10cm band of feldspar porphyry at 20.90m. *Occasionally calcite/epidote/chlorite annealed fractures. Youngest set at 10-15deg. to CA. Older set at 60 - 75deg. to CA. Shear zone from 24.70 to 25.13 and 25.46m. Shearing appears to be at approx. 70deg. to CA but core is broken. Abundant calcite and brecciation. Some fractures annealed.	24506	18.59	21.59	
				24507	21.59	24.59	
				24508	24.59	25.59	
				24509	25.59	26.59	
				24510	26.59	29.53	
29.53	35.05		Andesite - Magnetite/hb/biot. rich. feldspars fine grained & tightly packed. Highly magnetic. Py/cpy 2% to 5%. Shear zone 31.65-32.00. Minor gouge/shearing appears subparallel to CA 5-15deg. Occasional calcite annealed fractures at 30deg to CA cutting older fractures (chlorite/clac) at 70deg to CA. 1.5 cm band py/cpy annealed fracture. Sulphide mass brecciated. Fracture 30deg to CA	24511	29.53	32	2.47
				24512	32	35.05	3.05
35.03	37.68	100%	Andesite - grey green to medium grey. Grey green due to epidote/chlorite. T.S. -3% py/cpy. Core broken along previously annealed fractures. Fractures calcite filled. Fractures at 70-80deg. to CA predate fractures at 0-15deg to CA. Py in blebs up to 0.5cm diam.	24513	35.05	37.68	2.63
37.68	44.28		feldspar porphyry (dike?) 0 Light to medium grey. Feldspar phenocrysts well developed up to 1cm long. Biotite up to .25 cm. Matrix medium grey and aphanitic. Approx 1% py w/minor cpy (fine grained?) Core broken w/fractures at 0to 15deg to CA. Cutting calcite filled fractures at 70 to 80deg. to CA top margin at 2cm calcite filled fracture at 50 deg to CA. Bottom margin unclear because feldspar phenocryst begins to dissipate gradually.	24514	37.68	40.68	3
				24515	40.68	43.68	3
				24516	43.68	46.68	3
44.28	53.38	100%	Andesite - medium grey, fine grained. occasional zones magnetite rich. T.S. - 1 - 3 % except along fine fractures (py filled). 49.94 - 50.20 - band of epidotized andetite along old fractures at 60deg. to C.A. Shear zones - 45.84 - 45.98 - core broken to pulverized upper contact appears to be -25deg to CA. *51.70 - 52.15 - andesite brecciated then re-sheared. Upper contact -55deg to CA. Lower contact -55deg to CA	24517	46.68	49.68	3
				24518	49.68	51.68	2
				24519	51.68	53.38	1.7

Hole # RL95-1

Rey Lake Property

Depth		Recovery	Description	Sample			Sample Width
From	To			No.	From	To	
53.38	62.42		andesite - medium grey, fine grained aphanitic.	24520	53.038	56.038	3
			Bands of epidote/calcite scarnification along	24521	56.38	59.38	3
			fracture zones w/ increased sulfides (ie. cpy/py)	24522	59.38	62.42	3.04
			53.38 - 53.50 epidote w/ increased disseminated py/ cpy to 5%. Bands 70 - 75% to CA.				
			53.640-056.05 as above				
			55.87 - 56.05 - minor increase py/cpy to 3% from T.S. of 1 - 2%. 56.34 - 56.79 - Bands thinning to 1 cm along fractures at 70 deg to CA and 40 deg to CA				
			57.08 - 57.40 epidote alteration *58.28 - 59.17 qtz/epidote/calcite more intensive; core mildly brecciated then healed (cemented)				
			Shearing 61.13 - 61 - 26 -- numerous thin fractures between 5 - 25deg to CA (any -15deg to CA)				
62.42	76.24	100%	Andesite - light to medium grey, fine grained. Darker grey zones show increased magnetite. Massive and intact core. Total sulphides (T.S.) -1 - 2% py w/ minor qpy (very fine?).	24523	62.42	65.42	3
			-sulphide disseminated.	54524	65.42	68.42	3
			12 cm annealed brecciated zone at 67.73m.	24525	68.42	71.42	3
			71.00 - 71.31 fracturing and minor brxx w/ qtz- carbonate and epidote bordering fractures. 0.5 to 1cm blebs of pyrite in and around fractures.	24527	74.42	76.24	1.82
76.24	84.17		Andesite - as previous; more fracturing, core broken Occasional zone w/ epidote bordering (selvage) older quartz carbonate filled fracture. Disseminated pyrite throughout to 1% except in fracture and epi- dotted zone where py content increases to 2 - 3%.	24528	76.24	78.24	2
			Increased cpy in fracture at 78.03 (45 - 50deg to CA)	24529	78.24	80.24	2
			Abundant chlorite and calcite along fracture surfaces				
84.24			*minor zone of brecciation with calcite filling at shear zone - 80.12 - 80.73 *sheared & friable, approx. 1% py shearing subparallel to CA.	24530	80.24	82.24	2
			Fault zone 81.94 - 83.60 core broken to pulverized. No top or bottom angle. Core loss. 39% recovery.	24531	82.24	84.24	2
84.24	100.8		andesite - as above. Minor shear zone from 93.37 - 93.96m. Subparallel to CA at 0deg and 20deg to CA	24532	84.24	84.24	3
			95.04 - 1 to 2 cm band of py/cpy in old fracture	24533	87.24	90.24	3
			at 80deg to CA. *shearing (faulty) 97.20 - 100.78	24534	90.24	93.24	3
			Intermittant shearing. Core well fractured and broken.	24535	93.24	95.24	2
			Abundant calcite chlorite along fracture surfaces	24536	95.24	97.24	2
			95% Shear and fracture planes at 0-15deg to CA, 45-50 deg to CA and 75-90deg to CA. Unable to tell prefer- ential (youngest to oldest fractures) TS-1%	24537	97.24	99.24	2
				24538	99.24	100.78	1.54
				24539	100.78	103.78	3

Hole # RL95-1

Rey Lake Property

Depth		Recovery	Description	Sample No.	From	To	Sample Width
From	To						
100.8	114.6	100%	Andesite - medium to dark grey, massive. Increased magnetite content, fine grained. Matrix is generally aphanitic with well developed hornblende altering to chlorite. Coarser crystalline toward botom. Occasional zones (up to 30 cm) of scarnification along old anealed quartz/carbonate filled fractures. *sulphide generally py>>cpy and <1% in top 12m except in scarnified zones where sulphides go to 5%. *106.20 - 106.54 - zone of thin anastomosins fractures bordered by epidote.107.65 - thin 0.5 to 1cm band of py/cpy at 60deg to CA *109.20 - 109.44 zone of intenses epidote w/ calcite filled fractures. Py/cpy to 5% disseminated and massive blebs to 20 cm in fractures, diminishing epidote bands to 100.03 m. 113.5 - 114.6 disseminated py content increasing to 5%. 114.60-116.05 core broken to shattered - mafics totally gone to chlorite. Matrix coarse grained.	24540	103.78	106.78	3
				24541	106.78	108.78	2
				24542	108.78	110	1.22
				24543	110	112.6	2.6
				24544	112.6	114.6	2
				24545	114.6	116.05	1.45
116.1	118.6	100%	Felsic Dike - light grey-green , very fine grained. Matrix w/ altered porphyritic feldspars (orthoclase?) & very minimal hornblende <1%. TS -1% in blebs up to 2mm. Upper contact 90deg to CA;lower contact unclear.	24546	116.05	118.57	2.52
118.6	123.9	100%	Andesite - medium grey-green to dark grey. Py disseminated to 3% TS. Minor zones of fine py filled fractures. 121.30 - 123.14 core broken & sheared (fault zone). Abundant calcite and chlorite along frac. surfaces. Fracturing subparallel to CA as well as parallel to CA. Top contact unclear. Bottom contact ~85deg to CA	24550	125.9	128.9	3
				24551	128.9	130.2	1.4
130.2	139.4	100%	Andesite - medium grey-green as above & minor epidote bands	24552	130.2	133.2	3
				24553	133.2	136.2	3
				24554	136.2	139.2	3
139.4	143.8	100%	Feldspar Porphyry - medium to dark grey-green matrix. Feldspar phenocryst up to 0.5 to 1cm. Bands of packed high phenocryst development interspersed with minimal feldspar phenocrysts. *Occasional zones of epidote and qtz/carb. *Upper contact 45deg to CA & calcite filled. Lower contact not clear.	24555	139.2	141.7	2.5
				24556	141.7	143.75	2.05
143.8	150.9	100%	Andesite - medium grey, massive, intact. TS-3-5% disseminated. *10cm band of 10% Py in fractures at 145.37. *Increase in magnetite content toward bottom. EOH	24557	143.75	146.25	2.5
				24558	146.25	148.75	2.5
				24559	148.75	150.88	2.13

Property: Rey Lake

Hole No. RL95-2

Date begun: June 27, 1995
Date finished: July 1, 1995
Date logged: June 27, 1995Dep -60
Bearing 008Total Depth 157.58
Logged by: D.R. Lucas
Core size: NQ

Depth From To	Recovery	Description	Sample #	From	To	Sample Width
0 3.05		Casing set -overburden and broken sub-crop				
3.05 6.40		95% Volcanic (presumably Andesite- light grey. Almost totally silicified with only minor remnant texture. Silicification ~75%. Weathering on fracture surfaces is med. to dark orange brown (limonite) sulphide content (Py) is very high with pyrite in fractures and 1 cm blebs up to 15%. Fractures type 1-5-15 to CA rough but planar with minor limonate coating Type 2 ~40-55 to CA (pass jointing) Type 3 = 75 - 90 to CA (oldest?)	24560 24561 24562	3.05 4.40 5.40	4.40 5.40 6.40	1.35 1.00 1.00
6.40 15.81	100%	Silicified volcanic - as above but end of the oxide zone. Little to no boxwork or limonite along fracture surfaces. Mottled light and dark grey zones probably fine grained Py in silica. Sulphide content (Py) may be as high as 20% *7.60-7.78 - 18 cm latite dike lower sulphide content of 5%. Py disseminated. Lower contact ~55 to CA *Occasional bands of less silicified andesite (40-50% sil. *Note, very fine black specks maybe arsenopyrite TS. ~15% pyrite *12.4-14.5 - silicification decreases to 20% 14.5-18.81 silicification decreases to 10% Texture shows porphyritic feldspars. Bottom contact zone approx. 40 to CA.	24563 24564 24565 24566 24567 24568	6.40 7.90 9.40 10.90 12.40 13.90	7.90 9.40 10.90 12.40 13.90 15.80	1.50 1.50 1.50 1.50 1.50 1.90
15.81 21.73	98%	ANDESITE - medium grey green, aphanitic ground mass. Calcite filled fractures predominating at 15-20 to CA. Silicification 5%. Pyrite disseminated at ~ 1%, increasing to 3% along chloritized and calcite filled fractures. 20.90-21.73 - calcite decreasing, silica increasing to 10-15%. Pyroxene (augite) becoming coarser (occasionally porphyritic) sulphide content increasing to 5% Py.	24569 24570	15.80 18.80	18.80 21.70	3.00 2.90
21.73 26.00	100%	SILICEOUS ANDESITE - light grey, mottled remnant andesite in silicification Py increasing to >5% from 21.73 to 22.00 then to 10% -> bottom top contact at 40 to CA bottom contact broken & unclear. Silicification ~20-30% w/ minor calcite along thin fractures 25.00-26.00 silicification decreasing to approx. 10%. Py decreasing to 5%.	24571 24572 24573	21.70 23.00 24.50	23.00 24.50 26.00	1.30 1.50 1.50
26.00 33.72	98%	FELDSPAR PORPHYRY - medium grey-green aphanitic matrix w/feldspar phenocrysts 0.5 to 1 cm wide. Phenocrysts cattered and intermittent (orthoclase) Py <1% except in occasional thin pyrite filled fractures. 29.00 -> bottom feldspar phenocrysts increasing (orthoclase, slight pink tinge) jointing at 55-60 to CA. Calcite content in fractures increased. Bottom: contact w/microdiorite (andesite) 50 to CA	24574 24575 24576	26.00 29.00 32.00	29.00 32.00 33.70	3.00 3.00 1.70
33.72 40.15	100%	SILICEOUS ANDESITE - as before light grey, mottled (pyrite blebs) T.S. ~5-8%. Matrix looks fine crystalline when visible. Silicification ~15-25% T.S. - 5-8% to 37.80 then 1-3% down to 40.15. *Broken zone 38.10 to 38.40 w/predominate fracturing 5-15% to CA.	24577 24578 24579	33.70 35.70 37.70	35.70 37.70 40.15	2.00 2.00 2.45
40.15 41.45	100%	FELDSPAR PORPHYRY - as before. Phenocrysts closer packed and smaller up to 5 mm upper and lower contact very broken and unclear.	24580	40.15	41.45	1.30
41.45 46.40	100%	SILICIFIED ANDESITE - light gray, fine green TS ~3-5% silicification - 20-30% occasional fine pos. Cpy	24581 24582	41.45 44.40	44.40 46.40	2.95 2.00
46.40 59.00		ANDESITE - medium grey, aphanitic matrix with occasional zones of feldspar phenocrysts to 5mm Py along fractures w/very minor discmination T.S. ~1% * 49.75-51.37 - FAULT ZONE sheared and friable with abundant calcite along shear planes. Shearing = 45 - 50 to CA	24583 24584 24585 24586 24587 24588	46.40 48.40 49.70 51.40 54.40 57.00	48.40 49.70 51.40 54.40 57.00 59.00	2.00 1.30 1.70 3.00 2.60 2.00

59.00 62.90	100#	<u>SILICIFIED ANDESITE</u> - medium to light grey, mottled. Silicification to 30%. Increased Py disseminated and in fractures to 5%. Poss. Cpy very fine xrlu	24589 24590	59.00 61.00	61.00 62.90	2.00 1.90
62.90 74.10	95#	<u>ANDESITE</u> - medium to dark grey, fine grained, T.S. <1%. Calcite along fracture surfaces. Core generally broken throughout (blocky drilling). Predominant fracturing at 15 to CA. *Shearing at 73.10 at 15 to CA Py in small fractures. Abundant chlorite and calcite along fracture surfaces.	24591 24592 24593 24594 24595 24596	62.90 64.90 66.90 68.90 70.90 72.90	64.90 66.90 68.90 70.90 72.90 74.10	2.00 2.00 2.00 2.00 2.00 1.20
74.10 89.00		<u>SILICEOUS ANDESITE</u> - light to medium grey, mottled. Silicification = 15-20%. Feldspars show clay alteration halo - Pyrite increasing to about 5% in disseminated blebs and as fracture fillings. No magnetite. Occasional but minimal calcite & chlorite along fracture surfaces. Silicification decreases to 10% in bottom 1m.	24597 24598 24599 24600 24601 24602 24603	74.10 76.10 78.10 80.10 82.10 84.10 87.10	76.10 78.10 80.10 82.10 84.10 87.10 90.10	2.00 2.00 2.00 2.00 2.00 3.00 3.00
89.45 93.15		<u>ANDESITE</u> - medium grey-green. Mildly siliceous -5%. Py in fractures -1%. Medium grey. Upper contact at 45 to CA. Lower contact gradual minor magnetite.	24604	90.10	93.10	3.00
93.15 99.70	100#	<u>ANDESITE</u> - light to medium grey. No magnetite. Silicification to approx. 15%, some small bands to 25%. Pyrite 1-3 disseminated. Thin fractures at various angle (mild remnant brecciation) annealed w/pyrite. Core intact. * 97.4 - 99.7 - Silicification increases to 25-30%. T.S. ->15-20% Py. Silicification at lower contact appears to flooding at	24605 24606 24607 24608	93.10 95.60 97.60 99.60	95.60 97.60 99.60 99.70	2.50 2.00 1.00 1.10
99.70 107.3	***	<u>FELDSPAR PORPHYRY</u> (Andesitic) - grey/green w/ occasional feldspar phenocrysts up to 3mm. T.S. approx 1-2% but increasing along fracture system to 5% toward bottom. 103.35 -106.60 - 1-2 cm quartz/carbonate filled fracture at 0-5 to CA running parallel to CA Recognizable Cpy. in blebs to 1 cm bordering fracture at 104.80m and 106.60m. *106.60 Fractures move to 20 to CA and indicate shearing Poss. contact with dioritic intrusion. Lower contact with intrusive at 20 to CA. Bottom 0.70m mildly sheared.	24609 24610 24611 24612	99.70 101.7 103.7 105.7	101.7 103.7 105.7 107.3	2.00 2.00 2.00 1.60
107.3 117.5	100#	<u>SILICEOUS ANDESITE</u> - light to medium grey, salt and pepper. No current evident silicification. Finely disseminated Py/Cpy throughout up to 5% 110.21-110.57 - Minor shearing and leaching. Upper contact 50 to CA. Lower contact 45 to CA 108.9 downward - becomes fine crystalline.	24613 24614 24615 24616	107.3 110.3 112.8 115.3	110.3 112.8 115.3 117.2	3.00 2.50 2.50 1.90
117.5 119.7	85#	<u>ANDESITE</u> - medium grey, fine grained. Very fine grained chalcopryite -1% disseminated and up to 5% around fractures. Core somewhat broken with minor shearing at 117.15 (5% to CA) and 117.9-118.1 (core shattered). Core loss from 119.0-119.7 at contact w/microdiorite dike. Core shattered Py decreasing to 1% at bottom.	24617	117.2	119.7	2.50
119.7 123.75	80#	<u>FELSIC DIKE</u> - light grey, salt and pepper with remnant bands of Andesite core broken and shattered with occasional shearing. Py/Cpy -1-3% 123.75-124.66 - primarily Andesite, brecciated with some recenting with calcite. Predominant <-30 to CA occasional moving to 0 to CA.	24618 24619 24620	119.7 121.2 122.7	121.2 122.7 123.7	1.50 1.50 1.00
123.75 132.4	69#	<u>FELDSPAR PORPHYRY</u> - medium grey/green with close packed phenocrysts to 0.5 cm. Occasional inter-mittant bands of altered andesite. Core shattered and brecciated. Quartz/carbonate vein running along broken core at 5-15% to CA. Sulphides Py >>Cpy at 1-2% disseminated and in fractures. Bottom 4m becoming biotite rich to B.F.P. NOTE: drilling very difficult/blocky, possibly running through a series of intrusive dikes cutting the Andesite or at the edge of an intrusive stock. 127.70-remnant andesite silicified w/up to 5% Py/Cpy in fractures.	24621 24622 24623 24624	123.7 125.7 127.7 130.4	125.7 127.7 130.4 132.4	2.00 2.00 2.00 2.00
132.4 135.4	82#	<u>ANDESITE</u> - medium grey/green, fine grained. Py/Cpy along qtz/carb. veinlets at 45 to CA. T.S. -5%. Core broken and rounded w/core loss.	24625 24626	132.4 133.9	133.9 135.4	1.50 1.50
135.4-139.80	62#	<u>DIORITE DIKE/ANDESITE</u> - Core broken and shattered to pebble size in some places. T.S. low in diorite <1%. Numerous intersecting fractures at 0-10 to CA, 15 to CA, 65 to CA	24527 24528	135.4 137.9	137.9 139.9	2.50 2.00
139.8-148.4	100#	<u>SILICEOUS ANDESITE</u> - light to medium grey, fine grained, occasional salt and pepper texture. Silicified to 15% with annealed quartz/carb. and calcite veinlets anastomosing throughout. Core intact. Py/mno Cpy -5% disseminated and along fractures. Fractures (annealed) with	24629 24630 24631	139.9 142.0 145.0	142.0 145.0 148.0	2.10 3.00 3.00

highest sulphide content -15-20 to CA.
 Intrusive darkens to grey green from 145.7
 downward. Py disseminated -1%

148.1-150.75	100%	<u>LATITE DIKE</u> - light grey, fine crystalline with occasional pink to grey phenocrysts (orthoclase) Very coarse Py along fractures (minimal) with minor disseminated Py. T.S. -1%	24632	148.0	150.7	2.70
150.75-157.58	100%	<u>ANDESITE</u> - medium grey/green to dark grey. 1-3% Py overall. Thin anastomosing fractures filled with black to milky white, very soft material (does not fizz with HCL). Looks like fine gypsum, but amorphous.	24633	150.7	152.7	2.00
			24634	152.7	154.7	2.00
			24635	154.7	156.2	1.50
			24636	156.2	157.58	1.38

END OF HOLE

Property: Rey Lake
 Hole No: 95-3
 Date Begun: July 2/95
 Date Logged: July 2/95

Lat.: 2.5m, brng 130 from 29+50N

50+00E

Hole No. RL 95-3

Total Depth: 158.19

Logged By: D.R. Lucas

Depth From To	Recovery	Description	Sample #	From	To Sample	Width
0		Casing Set to 3.66 meter in broken oxidized subcrop. Hornfels volcanic with thin dikes of diorite.				
0 - 6.80	75%	<u>ANDESITE</u> - medium grey, green fine grained Hornfelsed with limonite and hematite along fracture surfaces. Core broken. Occasional pieces of dioritic rock, possibly signifying thin intrusive dikes. T.S. -5%	24637 24638 24639	0 3.00 5.00	3.00 5.00 6.80	3.00 2.00 1.80
6.80-13.45	90%	<u>ANDESITE FELDSPAR PORPHYRY</u> - medium grey green Phenocrysts up to 0.5 cm, loosely packed, clay altered. Py -5% in blebs, fractures and ghosting phenocrysts. 9.35-9.45 - Chloritized and bleached band at 70 to CA. NOTE: Recent fracturing at 15-20 to CA. Phenocryst disappearing from 9.45 downwards to 12.70 then reappear densely packed from 12.70-13.45.	24640 24641 24642	6.80 8.80 10.80	8.80 10.80 13.40	2.00 2.00 2.60
13.45-20.53	100%	<u>ANDESITE</u> - medium to dark grey, fine grained Py disseminated and along fractures -1-2%. Abundant calcite and chlorite along fracture surfaces with a predominant angle of 60-70 to CA 13.84-15.05 - Core broken and sheared with minor gauge present. Shear angles at 50 to CA and 75 to CA.	24643 24644 24645	13.40 16.40 19.40	16.40 19.40 20.50	3.00 3.00 1.10
20.55-21.65	100%	<u>FELDSPAR PORPHYRY</u> - medium grey-green, fine aphanitic matrix with very close packed feldspar phenocryst (1-5mm) throughout. Py disseminated throughout at 2-4%. Upper contact 60 to CA. Lower contact 65 to CA.	24646	20.50	21.70	1.20
21.65-32.00	96%	<u>ANDESITE</u> - (Grading downward to Andesite Porphyry) medium to dark grey-green. Aphanitic matrix with feldspars <1mm at top grading downward to an intermittent andesite porphyry with phenocrysts to 1 cm. Py= 1-2% except along and near fractures where it runs + 5-10% 22.86-24.40 - FAULT (shearing) bands of gauge present. Predominant shear angle approx. 55 to CA. 24.40-32.0 - Core broken but no shearing upper and lower contact of fault at 22.80 & 24.40 unclear.	24647 24648 24649 24650 24651	21.70 23.20 24.40 26.40 29.00	23.20 24.40 26.40 29.00 32.00	1.50 1.20 2.00 2.60 3.00
32.00-47.46	100%	<u>ANDESITE</u> - medium to dark green aphanitic. Occasional zones of increased magnetite up to 2mm phenocrysts. TS -1%. Py with very fine Cpy except along intermittent fracture with quartz-carbonate filling where Py -5-10%. Fracture fillings generally less than 0.5cm wide and vary between 45 and 70 to CA. Epidote in selvage along qtz/carb veinlets. 3 cm vein qtz/calcite epidote with coarse grained Py and fine Cpy at 60 to CA at 42.70. 45.0-47.46 - Py content increasing to 3-5% disseminated. Magnetite decrease to 0% at bottom.	24852 24853 24854 24855 24856 24857 24858	32.00 35.00 38.00 41.00 43.00 45.00 46.50	35.00 38.00 41.00 43.00 45.00 46.50 47.50	3.00 3.00 3.00 2.00 2.00 1.50 1.00
47.46-51.50	100%	<u>FELSIC (DIKE?)</u> - light grey, salt and pepper. Somewhat leached and vuggy. Py in fine fractures and vining qtz blebs. T.S. -2% Upper contact -40% to CA; 49.95-51.50 - Grading to fine crystalline downward. Lower contact at approx. 45 to CA.	24859 24860	47.50 49.50	49.50 51.50	2.00 2.00
51.50-53.20	100%	<u>FELDSPAR PORPHYRY</u> - medium grey, minor biotite Py/Cpy 3-5% T.S. Cpy very fine grained (x tin). Lower contact approx. 40 to CA.	24861	51.50	53.20	1.70
53.20-54.70	100%	<u>ANDESITE</u> - green/grey, fine-grained, occ. well developed pyroxenes. T.S. - minor Py<1%	24862	53.20	54.70	1.50
54.70-65.33		<u>FELDSPAR PORPHYRY</u> - light to medium grey, well developed crystals (feldspars) tightly packed. Py with poss. fine crystalline Cpy 5-8% disseminated. 1 cm. lens of Py/Cpy at 60.30m.	24863 24864 24865 24866	54.70 57.70 60.70 63.70	57.70 60.70 63.70 65.30	3.00 3.00 3.00 1.60
65.33-67.36	100%	<u>ANDESITE FELDSPAR PORPHYRY</u> - medium green, aphanitic matrix w/feldspar phenocrysts to 1.5 cm wide. Phenocrysts sparse to loosely packed (ie matrix supported) Dark grains of magnetite throughout. Fine crystalline Py at 1% T.S. Bottom contact at 50 to CA	24867	65.30	67.30	2.00
67.36-74.50	100%	<u>FELDSPAR PORPHYRY</u> - light grey with closely	24868	67.30	70.30	3.00

		packed feldspar phenocrysts. Possibly Syenite. Phenocryst more dense along thin annealed fractures. Minor epidote along thin fractures. Py up to 3% disseminated.	24869	70.30	72.50	2.20
		72.10m - 1.5 cm band (epidote-quartz-carbonate) with 30% Py along fracture. Bottom contact at 60 to CA.	24870	72.50	74.50	2.00
74.50-83.21	100%	ANDESITE - medium to dark green grey. Top 3.5m slightly porphyritic with feldspars to 2-3mm Silicification -15%.	24871	74.50	76.00	1.50
		74.5-78.0 - Py - 3-5% then decreasing toward bottom to 1%. Increase in epidote from 78.2 to bottom. Minor scarnification along fractures.	24872	76.00	78.00	2.00
			24873	78.00	80.20	2.20
			24874	80.20	83.20	3.00
83.21-83.85	100%	ANDESITE PORPHYRY - dark green with close packed plagioclase phenocrysts. T.S. -1% - 3% Py.	24875	83.20	83.80	0.60
83.85-99.97		SILICEOUS ANDESITE - light grey, quartz rich silica content -30%. Possible siliceous micro-crystalline Andesite. Py with possible very fine Cpy 5% T.S. disseminated. Occasional thin quartz/carbonate filled fractures (1cm wide) with bordering epidote and increased Py at -30-40 to CA. Core very hard and intact.	24876	83.80	86.80	3.00
		90.40-91.44 - Coarser Xtl in diorite with 5% Py/Cpy	24877	86.80	89.80	3.00
		95.90-96.05 - Small shear zone at 60-70 to CA	24878	89.80	92.80	3.00
		NOTE: Possibly very fine xtl in cpy dissem throughout.	24879	92.80	95.80	3.00
			24880	95.80	98.80	3.00
			24881	98.80	99.90	1.10
99.97-102.85	100%	HORNFELSED ANDESITE - medium to dark grey, aphanitic. Very hard. T.S. <1%.	24882	99.90	102.90	3.00
102.85-112.85	100%	HORNFELSED ANDESITE - medium green/grey. Generally aphanitic with occasional small dikes (20-40cm) of quartz monzonite? cutting the hornfelled volc. Sulphides primarily Py with very fine Cpy? T.S. in Andesite -1-3%. T.S. in dikes.	24883	102.90	104.90	2.00
		103.60-103.78 - Felsic Dike	24884	104.90	107.90	3.00
		104.35-104.82 - Felsic Dike bottom contact 40 to CA	24885	107.90	110.90	3.00
		108.50-112.85 - increase in epidote content especially along fractures.	24886	110.90	112.90	2.00
112.85-124.15	100%	ANDESITE - medium grey to grey-green. Somewhat siliceous to approx. 15%-20%. Sulphides primarily Py. T.S. -3-5%. Zone with quartz eyes and increased Py (8-10%) at 115.15-115.43	24887	112.90	114.90	2.00
		118.77-119.43 - shear zone, annealed. Core leashed. Shear angle at 50 to CA.	24888	114.90	115.90	1.00
		122.0-124.15 - Increase in thin anastomosing calcite filled fractures.	24889	115.90	118.90	3.00
			24890	118.90	121.90	3.00
			24891	121.90	124.00	2.10
124.15-128.90	98%	SCARNIFIED ANDESITE - dark grey to light green sheared and broken with numerous annealed fractures. Abundant calcite with very minor quartz. T.S. -3% Py with minor Cpy. Top contact 15 to CA with recent shearing at 40 to CA.	24892	124.00	126.00	2.00
		INTENSE shearing 124.15-124.50	24893	126.00	128.90	2.90
		125.88-126.07 (shear angle 35 to CA) Py increase in epidote rich zone to 10% along fractures with occasional blebs of Cpy.				
128.90-142.80	100%	FELSIC DIKE - medium grey, salt & pepper, fine grained occasional anastomosing thin calcite filled fractures throughout. Core weathered, vuggy and leached. T.S. -1% Py with occasional blebs of Cpy along fractures. Note: Cpy at 134.15. Core occasionally brecciated then healed with calcite. 10cm breccia zone at 133.45. Minor shearing with gauge (6cm) at 135.45 (angle = 50 to CA)	24894	128.90	131.90	3.00
		137.97-138.12 - annealed brecciation and shearing at 65 to CA.	24895	131.90	133.90	2.00
		138.99-139.30 - sheared calcite rich zone with <1% sulphides (angle at 70 to CA)	24896	133.90	135.90	2.00
		141.25-141.55 - Annealed breccia, poorly cemented.	24897	135.90	138.90	3.00
			24898	138.90	140.90	2.00
			24899	140.90	142.80	1.90
142.80-154.80	100%	ANDESITE - medium grey green fine grained. T.S. -1% Py.	24900	142.80	145.80	3.00
		150.25-150.45 - small annealed shear zone	24901	145.90	148.90	3.00
		Shear angle approx. = 50 to CA	24902	148.90	151.90	3.00
			24903	151.90	154.80	2.90
154.80-155.14	100%	FELDSPAR PORPHYRY - light grey, T.S. -1%Py	24904	154.80	155.80	1.00
155.14-158.19	100%	ANDESITE - green/grey, aphanitic, occasional thin quartz/carbonate veinlets. T.S. -1% Py.	24905	155.80	158.19	2.39

END OF HOLE

PROPERTY: Rey Lake

Hole # 95-4

Date Begun: July 6, 1995
Date Logged: July 6, 1995Lat: 132m east on road from
29+50N, 50+00E
Bearing: 105Total Depth: 149.66
Logged By: DR Lucas
Core Size: NQ

Depth From To	Recovery	Description	Sample #	From	To	Sample Width
0-2.44		Casing set to 8' (2.44m) in broken subcrop.				
2.44-6.50	66%	<u>ANDESITE</u> - green/grey, feldspar porphyritic Phenocrysts up to 3mm wide. Core broken with conc. Fe oxide on fracture surfaces. Fine grained disseminated Pyrite. T.S. ~3-5%	24906	2.44	6.50	2.06
6.50-7.70	95%	<u>SILICEOUS FELSIC DIKE</u> - light grey, medium crystalline, quartz rich. Upper contact at approx. 15 to CA. Py ~8-10% dissem.	24907	6.50	7.70	1.20
7.70-10.55	90%	<u>ANDESITE</u> - medium green to grey-green. Fine grained (aphanitic) from 7.70 to 9.75 then grading to Andesite porphyry. 7.70-10.60 - Core broken to shattered with abundant Py along fracture surfaces T.S. = 5% Py.	24908	7.70	10.70	3.00
10.55-17.80	100%	<u>QUARTZ MONZONITE DIKE</u> - light grey to grey/green medium crystalline with mafics going to chlorite. Pyrite is 3-5% disseminated in blebs Core is intact with occasional thin calcite filled fractures. Upper contact ~ 75% to CA	24909 24910 24911	10.70 13.70 15.70	13.70 15.70 17.80	3.00 2.00 2.10
17.80-21.95	93%	<u>ANDESITE</u> - medium green to grey/green fine grained. T.S. ~1-3% Py disseminated. Up to 5% Py along fractures. Core very broken. *18.59-19.81 - Possible fault zone. Evidence of shearing at approx. 50 to CA and loss of 28cm of core.	24912 24913	17.80 19.80	19.80 21.90	2.00 2.10
21.95-26.40	100%	<u>PORPHYRITIC ANDESITE</u> - medium grey/green, ophanitic matrix with phenocryst of pyroxene to 3 mm. T.S. ~5-5% Py disseminated and in blebs. Core intact.	24914 24915	21.90 24.40	24.40 26.40	2.50 2.00
26.40-28.94	98%	<u>ALTERED ANDESITE</u> - heavily epidatized, limey green with calcite and quartz. Epidate appears to have altered along a fracture system sub-parallel to C.A. 10-15% Py w/Cpy along fract. Most intense alteration from 28.38-28.86. Fracture system varies between 0 and 5 to CA.	24916 24917	26.40 27.90	27.90 28.90	1.50 1.00
28.94-38.68	100%	<u>ANDESITE</u> - green to grey/green. Generally fine to medium xtn with occasional zones of porphyritic texture. Core intact. T.S. ~1-3% with porphyritic zone = 5% Py.	24918 24919 24920 24921	28.90 31.90 34.90 37.90	31.90 34.90 37.90 39.40	3.00 3.00 3.00 1.50
39.27-41.70	100%	<u>MONZONITE DIKE</u> - light to medium grey, medium xtn. Py ~1%. Top contact unclear. Bottom contact 60 to CA.	24922	39.40	41.70	2.30
41.70-62.79	100%	<u>ANDESITE</u> - medium grey/green, chloritic. Occasionally porphyritic with feldspar and pyroxene phenocrysts to 3 mm. Core massive with little fracturing or breakage. T.S. ~1% Py disseminated with occ. Py in fractures (20%) generally at 20-25 to CA. Fractures <0.5cm wide Increase in T.S. to 1-3% dissem. from 49.2m downward. 49.75-50.00 - Intense epidate/calcite/quartz alteration with Py along fracture to 15%. Fracture at 10 to CA 53.04-58.00 - Possible fine grained Cpy in very thin occasional veinlets.	24923 24924 24925 24926 24927 24928 24929 24930	41.70 44.70 47.70 49.70 50.70 53.70 56.70 59.70	44.70 47.70 49.70 50.70 53.70 56.70 59.70 62.70	3.00 3.00 2.00 1.00 3.00 3.00 3.00 3.00
62.79-76.80	97%	<u>ANDESITE</u> - medium to dark grey, fine grained. Sulphides = Pyrite with fine grained chalcopyrite along fracture surfaces. T.S. ~3-5% disseminated core broken to shattered in places. Type I fracture approx. 0-10 to CA with rough sculpted surface and minor calcite along surface. Type II at 50 to CA with Py and quartz/calcite along surfaces with semi-regular intervals (i.e. jointing) Type III = 70-80 to CA with abundant chlorite/calcite/Pyrite and appears to be the oldest set. Cpy tends to be along annealed fractures sub-parallel to CA. NOTE: Andesite grading downward to porphyritic texture. 76.60-76.80 - shearing at 65-70 to CA.	24931 24932 24933 24934 24935 24936	62.70 65.20 67.70 70.20 72.70 74.70	65.20 67.70 70.20 72.70 74.70 76.80	2.50 2.50 2.50 2.50 2.00 2.10
76.80-87.75	100%	<u>PORPHYRITIC ANDESITE</u> - light to medium grey/green. Mafic phenocrysts (pyroxene?) to 3mm Disseminated Py/Cpy? to approx. 5% with thin fractures (veinlets) of Py/Cpy.	24937 24938 24939 24940	76.80 79.80 82.80 85.80	79.80 82.80 85.80 87.80	3.00 3.00 3.00 3.00

87.75-99.60	96#	ANDESITE - medium to dark grey/green. Aphanitic Type I fractures = 15-20 to CA cutting older annealed fractures at approx. 50-60 to CA. Sulphides primarily pyrite at 1-3% T.S. Occasional bands of Andesite appear hornfelsed. Some core loss. 96.62-96.75 - small fault (shear zone) with core pulverized and minor gouge. Top contact = 86 to CA; bottom contact = 65 to CA.	24941	87.80	90.80	3.00
			24942	90.80	93.80	3.00
			24943	93.80	96.80	3.00
			24944	96.80	99.60	2.80
99.60-103.40	99#	FELDSPAR PORPHYRY - medium grey with feldspar and hornblende phenocrysts to 3mm. Magnetite rich (replacing mafics) down to 100.55. Core grading downward to a medium crystalline quartz monzonite to granodiorite. T.S. ~3-5% Py.	24945	99.60	101.60	2.00
			24946	101.60	103.40	1.80
103.40-106.60	100#	ANDESITE - dark grey-green, aphanitic Pyrite very fine grained. T.S. ~1%	24947	103.40	106.40	3.00
106.60-108.95	100#	FELDSPAR PORPHYRY - medium green matrix with approx. equal amounts of plagioclase & orthoclase phenocrysts up to 1 cm wide. No apparent sulphides present. Top contact = 50 to CA; bottom contact = 45 to CA.	24948	106.40	108.90	2.50
108.95-111.65	96#	ANDESITE - as previous. T.S. ~ 1-3%	24949	108.90	111.90	3.00
111.65-114.25	97#	ANDESITE - light to medium grey. Fine grained. T.S. 1-3% with Py in fractures to 10%. Possible fine grained Cpy. Predominant fractures 50 to CA. Core broken.	24950	111.90	114.40	2.50
114.25-132.59	100#	FELSIC DIKE - light grey, salt & pepper. Fine to medium xln. Grading downward to grey green with mafics going to chlorite. T.S. = 2% Py with fine fracture at approx. 35 to CA with Py/poss. Cpy. 117.20-117.33 - small shear at 50 to CA. Core massive and intact below 117.35.	24951	114.40	117.40	3.00
			24952	117.40	120.40	3.00
			24953	120.40	123.40	3.00
			24954	123.40	126.40	3.00
			24955	126.40	129.40	3.00
			24956	129.40	132.40	3.00
132.59-149.66	98#	ANDESITE - medium to dark grey-green Aphanitic Core broken with minor shearing. T.S. ~ 1-3% Py. Abundant calcite filled fractures with up to 15% Py along fractures. Predominant angle is approx. 35-45 to CA. Occasional fracturing in highly broken areas = 5-10 to CA. 137.87-138.80 - Core broken to pulverized, sheared. Two predominant shear angles at 20 to CA and 35 to CA.	24957	132.40	135.40	3.00
			24958	135.40	138.40	3.00
			24959	138.40	141.40	3.00
			24960	141.40	144.40	3.00
			24961	144.40	147.40	3.00
			24962	147.40	149.66	2.26

END OF HOLE