ILLUSTRATIONS

SUMMARY

At the request of Pacific Ridge Resources Corp., Hi-Tec Resource Management Ltd., carried out a program of geological mapping, a geochemical survey and limited trenching on the Lake 1-4 and Ron 1-2 claims, and supervised a drilling program consisting of 379.6 meters of BQ drilling.

The objectives of the program were to:

1. Drill test the "Showing No. 1" for Cu-Ag mineralization, and the "Main Zone" Pb-Zn-Ag skarn occurrence.

2. Drill test several other targets outlined through the course of the 1984 program.

3. Further map and prospect the property for Toodoggone-type Au mineralization and skarn type occurrences.

4. Cover areas not previously investigated with a soil geochemistry survey.

5. Re-sample trenches of the "Showing No. 1 and 2" and the "Priority Trench".

Eight diamond drill holes were drilled from 6 locations. DDH 84-1 and 84-2 on the Showing No. 2 did not intersect significant mineralization.

DDH-3 on the Main Zone returned, over an intercept of 5.8 m, 0.88% Pb, 1.67% Zn and .35 oz/t Ag. For DDH-4 and 5, drilled from the same set-up as DDH 84-3, values were much lower. DDH-84-6, drilled on a newly discovered skarn zone 400 m north of the Main Zone, encountered spotty weak Pb-Zn mineralization.

DDH 84-7 on Lake 4 claim did not intersect significant values, but target depth was not reached.

DDH 84-8 on the Showing No. 1 intersected .46% Cu over 5 meters.

Mapping and prospecting resulted in the discovery of skarn mineralization 400 m north of the Main Zone, subsequently drill tested by DDH 84-6; and the heavily pyritized fault zone on Lake 4 claim, drill tested by DDH 84-7.

Potentially important Cu-Pb-Zn-Ag mineralization was also found in a fault zone 1.2 km north of camp, and heavily mineralized subcrop was found north of the Crown Grants.

543 samples over 13.7 line-km were collected on a soil survey on Lake 1 and Ron 1 claims for future analysis.

Systematic resampling of the Quebec Cartier trenches on Showing No. 1 and the Priority Trench returned uneconomic values in Cu, Pb and Zn, Ag and Au.

Cost of the 1984 program was $74,253.66.

CONCLUSIONS

The Ron 1-2 and Lake 1, 2, 3 and 4 claims are underlain by Permian marble in fault contact with Takla Volcanics of Triassic Age, intruded by Lower Jurassic quartz monzonite and granodiorite.

The property hosts fault and/or skarn controlled Cu, Pb, Ag and Au occurrences throughout. While, to date, none of these occurrences have returned economically viable grades, the presence of these occurrences clearly indicate the property has excellent potential for the discovery of grades and tonnages higher than those discovered to date.

Strong structural north trending and cross-cutting features, a major thrust fault and the presence of intrusive bodies provide an environment that offers potential loci for skarn Pb-Zn-Ag and fault controlled Ag-Au-Pb-Zn-Cu occurrences.

Strong Pb-Zn-Ag-Cu mineralization found in subcrop north of the Crown Grants indicates the presence of important exploration targets in this area.

A large portion of the property remains unexplored.

RECOMMENDATIONS

At present, the property has no obvious drill targets with the possible exceptions of the areas of DDH 84-7 and DDH 84-8, and further work that is clearly warranted, should be designed to outline such targets.

As a first step towards this, 1984 soil samples should be analyzed for Cu, Pb, Zn, Ag, and Au.

It is important that good, legible working maps be compiled from previous assessment work filed by Quebec Cartier and to incorporate this information with current work, to aid in outlining areas of interest presently known by virtue of the various exploration parameters.

The highest priority target at present is the subcrop Cu-Pb-Zn-Ag mineralization north of the Crown Grants at sample sites 84TVT-108 and 109.

Other immediate targets are:

1. The entire thrust faulted contact between Permian marble and the underlying but younger Takla andesite. The contact should be prospected, additional soil sampling and VLF-EM ground survey should be carried out.

2. The on strike continuation of Cu-Pb-Zn-Ag mineralization in a breccia zone 1.2 km north of camp (84TVT-8 sample site) should be investigated.

3. A medium to strong zinc-lead soil anomaly in the southeast corner of the Quebec Cartier soil grid should be resampled on a tighter grid.

As current assessment work is sufficient to keep the property in good standing for a period of approximately four years, additional work may be done when funds are available. A detailed budget for future work has therefore not been prepared.

INTRODUCTION

Location and Access

The Lake 1-4 and Ron 1-2 claims are located near the north end of Thutade Lake in north central British Columbia at latitude 57°04', longitude 126°50', at the southern end of the Toodoggone area.

Access is by float plane to Thutade Lake from Smithers to the south or from McKenzie to the southeast, each approximately 260 km away. Alternate access is by helicopter from the Baker Mine gravel airstrip at Strudee, 20 km to the northwest. Closest road access is to Johansen Lake, 65 km southeast. A summer road extends a further 40 km to the placer operation at McConnel Creek, 30 km southeast of the claims.

History

Exploration history of the region is documented by Sanguinetti (1984). The reader is referred to this report for further information.

The Pacific Ridge property includes ground previously held by Quebec Cartier whose exploration work for porphyry copper type deposits included geochemistry and magnetometer and I.P. surveys. Several Cu-Ag and Cu-Pb-Zn-Ag showings were located.

The claims were allowed to lapse and were restaked in 1981 and 1983 by Pacific Ridge. Subsequently limited programs of mapping, sampling, prospecting and trenching located anomalous gold and silver values in sheared, silicified volcanics. Additional geochemical sampling by Hi-Tec in 1983 concentrated on the Priority Trench gold-silver occurrence and on extending the known mineralization along Strike. Further trenching on the Main Zone Pb-Zn-Ag-Cu skarn occurrence was also done.

Results are described by Von Einsiedel in the 1983 property report.

The soil survey showed scattered low order Ag, Cu, Pb, Zn and As anomalies. Best values were 8.0 ppm Ag (800N;00E) and 327 ppm Pb at 800N;125E.

Grab samples from the Priority Trench returned values to 3.9% Cu; .9% Pb; 1.12% Zn; 4.94 oz/t Ag and .012 oz/t Au. In the Main Zone, maximum values in grab samples were 1.32% Cu; 7.84% Pb; 14.0% Zn; 3.67 oz/t Ag and .006 oz/t Au.

Resampling of the Showings No. 1 and 2 - 150 m north of camp and Showing No. 4 - 900 m north of camp returned spotty high values in Cu and Cu-Zn respectively.

1984 Program

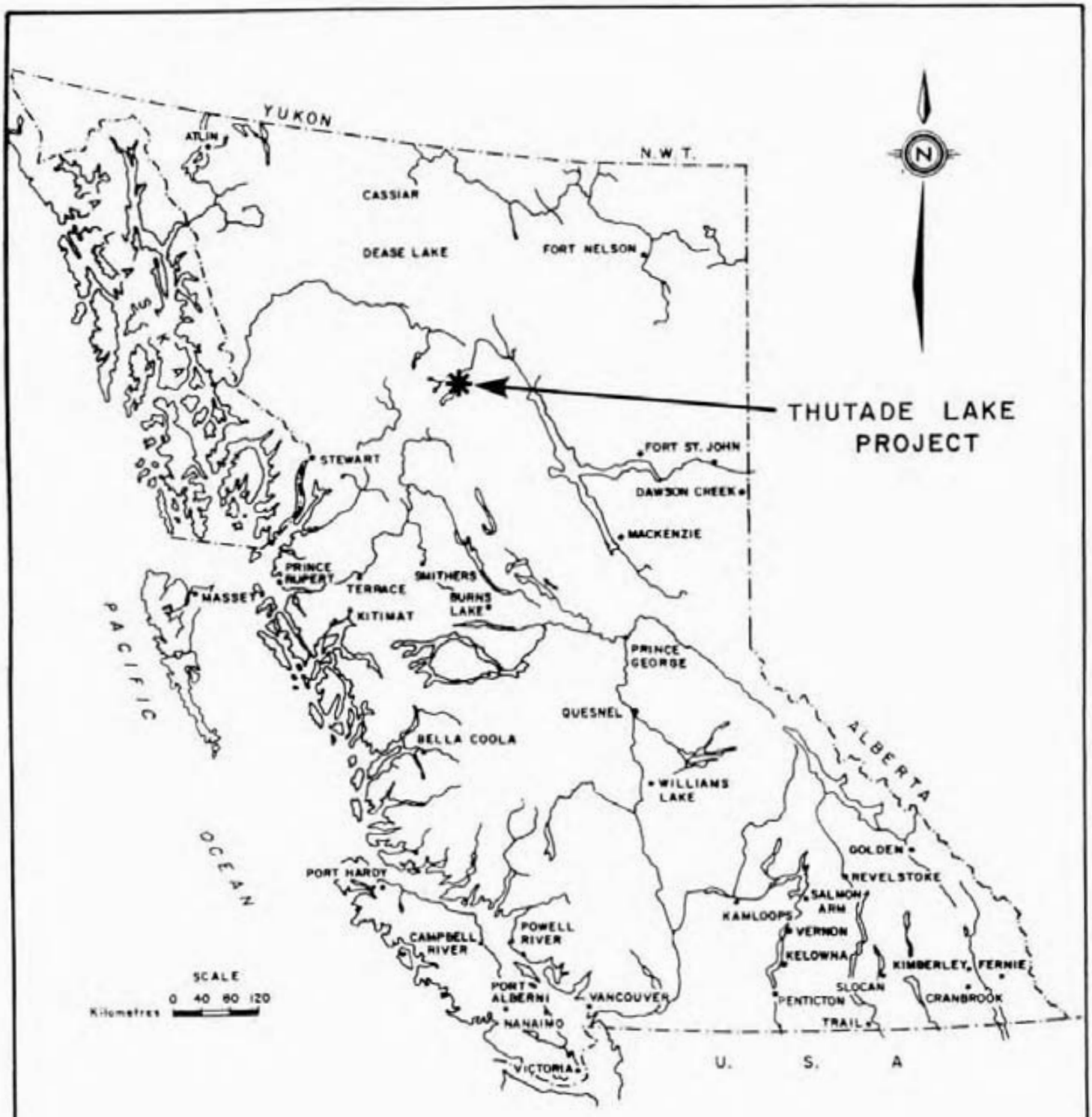
The 1984 program was conducted between June 1 and July 27 from the base camp at Thutade Lake.

1. Soil geochemistry survey over 13.7 line km to cover the area between Thutade Lake to the west and previous (1970 and 1983) soil surveys to the east on Lake 1 and 2 and Ron 1 claims.

2. Diamond drilling by Phil's Diamond Drilling Ltd. totalling 379.6 meters in 8 holes, on the Showings No. 1 and 2, the Main Zone and other targets on the property.

3. Systematic resampling of the Priority Trench and the Showings No. 1 and 2.

4. Mapping and prospecting elsewhere on the property.



PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

LOCATION MAP

LAKE 1, 2, 3, 4 and 5;
RON 1 and 2 Claims

Omineca M.D. NTS 94 E/2W

HI-TEC RESOURCE MANAGEMENT LIMITED	DWN BY:	DATE: AUG/84
	CHK BY:	FIGURE NR. 1
	SCALE: AS SHOWN	

The program was conducted by Hi-Tec Resource Management under the direction of Wim Vanderpoll.

Casual helicopter support for drill moves and access to remote portions of the property was from Airlift machines based near Baker Mine.

Claims

The property, located in the Omenica Mining Division, consists of the following claims (Fig. 2), recorded in the name of Pacific Ridge Resources Corp.:

Claim Name	Record No.	Units	Expiry Date*
Ron 1	3627	15	Mar. 3, 1985
Ron 2	3628	9	Mar. 3, 1985
Lake 1	5842	16	Oct. 5, 1984
Lake 2	5843	18	Oct. 5, 1984
Lake 3	5844	15	Oct. 5, 1984
Lake 4	5845	20	Oct. 5, 1984
		Total 93 units	

The total cost of the 1984 program, $74,253.66 will be applied for assessment credit.

Crown granted claims (Lots 6001-6004) between Duncan Lake and Thutade Lake are excluded from the property.

*Prior to application of 1984 assessment credits.

LAKE 5
5846 (10)

FIRESTEEL R.

FINLAY RIVER

Attycelly Creek

N

57°05'

57°05'

THOMAS PK.

LAKE 1
5842 (10)

LAKE 2
5843 (10)

L 6004 C.G.
L 6002 C.G.
L 6003 C.G.
L 6001 C.G.

LAKE 4
5845 (10)

BAR BUTTE

RON 1
3627 (3)

LAKE 3
5844 (10)

RON 2
3628 (3)

THUTADE LAKE

DUNCAN LAKE

126°45'

94 E/2W

94 E/2E

1 .5 0 1 Miles

1 .5 0 1 2 Km

127°00'

PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

CLAIM MAP

LAKE 1, 2, 3, 4 and 5;
RON 1 and 2 Claims

Omineca M.D. NTS 94 E/2W

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN BY
CHK BY
SCALE 1:50,000
DATE AUG/84
FIGURE NR. 2

GEOLOGY

Regional Geology

The northern end of Thutade Lake is underlain by andesitic volcanics and sediments of the upper Triassic-Jurassic Takla Group, and sediments of the Permian Asitka Group, both intruded and altered by granitic plutons of the Omenica Intrusions of upper Jurassic to lower Cretaceous age.

To the west of the major north trending fault that more or less follows Thutade Lake, occur non-marine sediments of the Cretaceous and Tertiary Sustut Group (Tango Creek and Brothers Peak Formations).

Additional strong regional structures are recognized on aerial photographs of the area. These lineaments are northerly trending, but cross-cutting features are also evident. The importance of these structures is poorly understood.

Property Geology

Most of the property is underlain by intermediate volcanics and associated sediments of the Triassic Takla Group, intruded by quartz monzonite and granodiorite of lower Jurassic age.

Coarsely crystalline marble outcropping in the east of Lake 2 claim, on the Crown grants and again in the area of DDH 84-3 is mapped by Gabrielse et al (1976) as belonging to the Permian Asitka Group. Since it is found to overlie clearly Takla Group rocks the limestone must be Triassic or younger in age. Alternatively, the contact between the andesite and marble may be a thrust fault, superimposing the older unit over the younger. This latter theory is favoured, and the thrust fault is believed to offer a favourable exploration target on the property.

On the east side of Thutade Lake andesitic rocks, intruded by monzonite, predominate. The volcanics are fine grained to coarsely porphyritic, grey to greyish-green and maroon in colour. Only in the drill core are fragmental textures recognized.

Weak epidote throughout is thought to represent regional alteration.

The main monzonite contact strikes northwest across Ron I claim; frequent intrusive outcrops west of the contact suggest that the volcanic cover is shallow and that the contact dips gently to the west.

On Lake 4 claim west of Thutade Lake a strong north striking fault separates andesitic rocks on the east from strongly pyritic pebble conglomerate intruded by minor andesite dykes.

Siliceous tuffs (unit 2) outcrop to the north, suggesting a structural east west trending break along the creek.

DIAMOND DRILLING

General Statement

The scope of the 1984 drilling program was to test the extent and grade of surface mineralization of 3 areas of known mineralization (DDH 84-1 to 84-5 and DDH 84-8) and to test the newly discovered skarn mineralization at DDH 84-6. DDH 84-7 served to test the strongly pyritized fault zone on Lake 4 claim.

Phil's Diamond Drilling Ltd. of 100 Mile House was contracted to carry out the diamond drilling portion of the 1984 program. Eight holes were drilled from six set-ups for a total of 379.6 meters of BQ core.

Mobilization of drill equipment from the Moose Valley staging area near Johansen Lake started on June 17; drilling and demobilization were completed on June 30.

Total direct drilling cost, exclusive of helicopter support, was $19,900.00 for 379.6 meters of drilling, or $52.40 per meter ($16.00/ft).

As all holes were short (maximum depth 75.6 m) no surveys were done at the bottom of the holes. Drill hole locations are shown on Fig. 3.

All drill core remains in wooden boxes at the respective drill sites. Drill core was logged by W. Vanderpoll (see Appendix I).

Results

The drill holes intersected variously altered intermediate volcanic rocks of the Talka Group, coarsely crystalline marble and intrusive rock of monzonitic composition. Significant mineralization was encountered in DDH 84-3, 4, 5 and 6, and in DDH 84-8.

Zones of strong fracturing, with poor core recovery, at the marble - volcanics contact in holes 84-3, 4, 5 and 84-6 may represent the thrust fault that brings the Permian marble above Takla Volcanics.

Drill core shows broad regional metamorphism of volcanic rocks by the presence of weak but pervasive epidote.

On the east side of Thutade Lake, in DDH 84-1, 2 and 8, grey to green and maroon fine-grained and porphyritic andesite predominates; the rocks may be massive, show weak bedding or consist of fragmented andesite in a matrix of similar material. It is believed that the fragmented texture of the andesite is much more widespread but that regional metamorphism has destroyed this feature.

Where recognized, fragments range in size to 8 cm.

On the west side of Thutade Lake (DDH 84-7), volcanic rocks are more felsic and silicified.

All core was split and submitted for analyses in 1 or 2 m intercepts; where geology and/or visible mineralization dictated, lesser intercepts were used.

Analysis for Cu, Pb, Zn, Ag and Au was done by VanGeochem. in North Vancouver.

Anomalous values are shown below and on the drill sections (Figs. 4-9); all other values appear on the drill logs (Appendix I).

Drill holes are summarized below:

DDH 84-1 (Fig. 4) Azimuth S54°W Dip -60° Total depth 46.6 m

The hole intersected predominantly grey and green porphyritic andesite and fine-grained andesite to 31.3 m; strong faulting exists from 19.3 - 20.5 m.

From 31.3 - 46.6 m are interbedded maroon porphyritic andesite and fine-grained to porphyritic grey andesites, intruded by a 5 m wide quartz monzonite dyke.

Best analytical results of DDH 84-1 occur in the quartz monzonite but values are low (338 ppm Cu; 169 ppm Pb; 267 ppm Zn; 1.2 ppm Ag)over 2 m.

DDH 84-2 (Fig. 5) Azimuth S12°W Dip -60° Total depth 75.6 m

To 28.3 m the hole is in porphyritic andesite that appears weakly bleached, underlain by 15 m of interbedded fine grained and porphyritic maroon andesite. From 43.1 - 68.0 m are grey and green porphyritic andesites, locally fragmental, and dark green fine-grained massive andesite. The bottom 7.6 m of the hole are in pink and grey monzonite. A 10 m wide calcite crackle zone with strong pyrite to 5% lies immediately above the intrusive rock. In this zone, fine calcite stringers, to 40 per meter, form a stockwork.

A 1 m intercept (10 - 11 m) returned a value of 400 ppm Pb; all other values in the hole are low.

DDH's 84-3, 4 and 5 (Fig. 6)

These were drilled on the "Main Zone" skarn occurrences from the same set-up, and intersected coarsely crystalline marble, that is locally weakly altered to diopside skarn, overlying fragmental andesite porphyry - which in DDH 84-3 is almost entirely strongly fractured.

Best values in the 3 holes are summarized as follows;

DDH 84-3 Azimuth S4°W Dip -45° Total depth 48.2 m

Intercept	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
1.2 - 3 m	46	11,400	18,500	17.7	10
3 - 4 m	5	2,800	3,500	1.6	5
4 - 5 m	102	14,100	30,100	15.4	20

LEGEND

1,1a	Gray & green porphyritic andesite 1a fragmental andesite
2	Gray & green fine grained andesite
3	Dark green fine grained andesite
4	Maroon fine grained andesite
5	Maroon porphyritic andesite
6	Augite porphyry andesite
7	Lapilli tuff
8	Marble; 8a, diopside garnet skarned marble
9	Monzonite

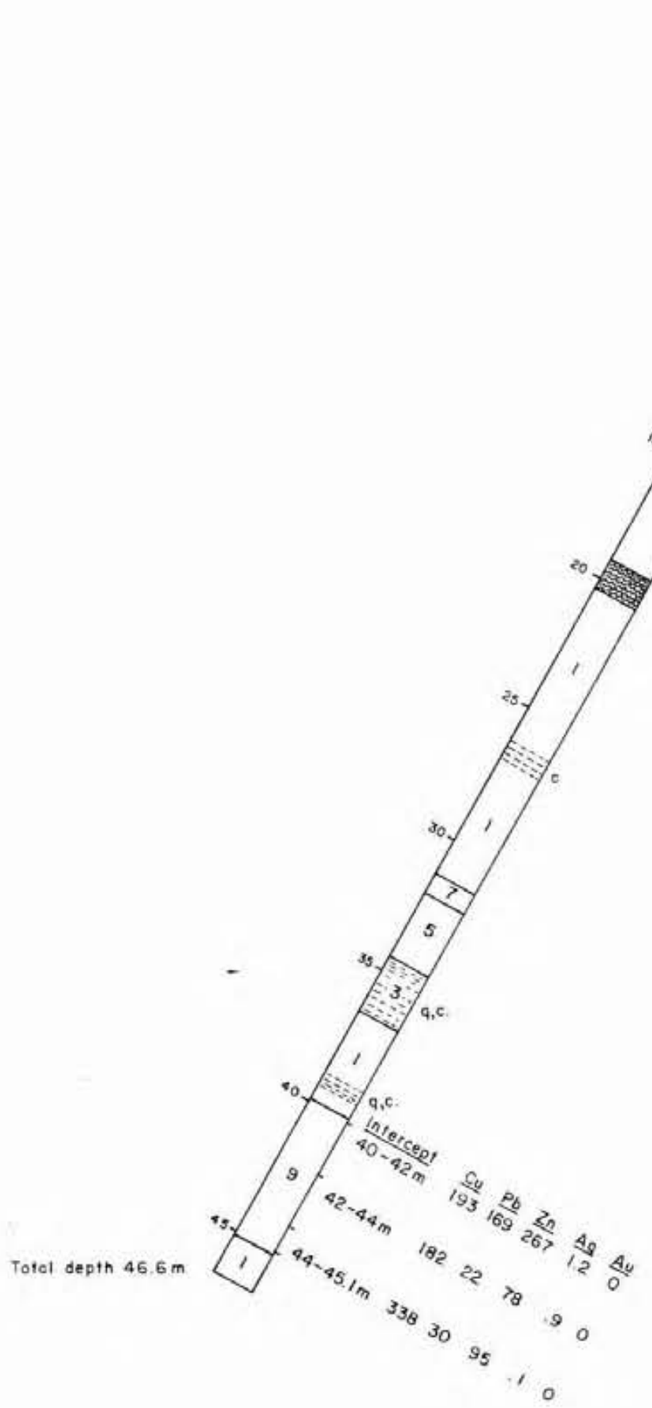
Fault

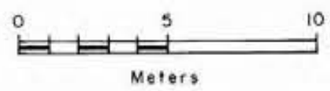
c.q. Calcite, quartz crackle zone

Bedding

ASSAY VALUES SHOWN

Intercepts; Cu, Pb, Zn, Ag (ppm) Au (ppb)





PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

DDH 84-1

H. TEC RESOURCE MANAGEMENT LIMITED

DWN BY

CHK BY

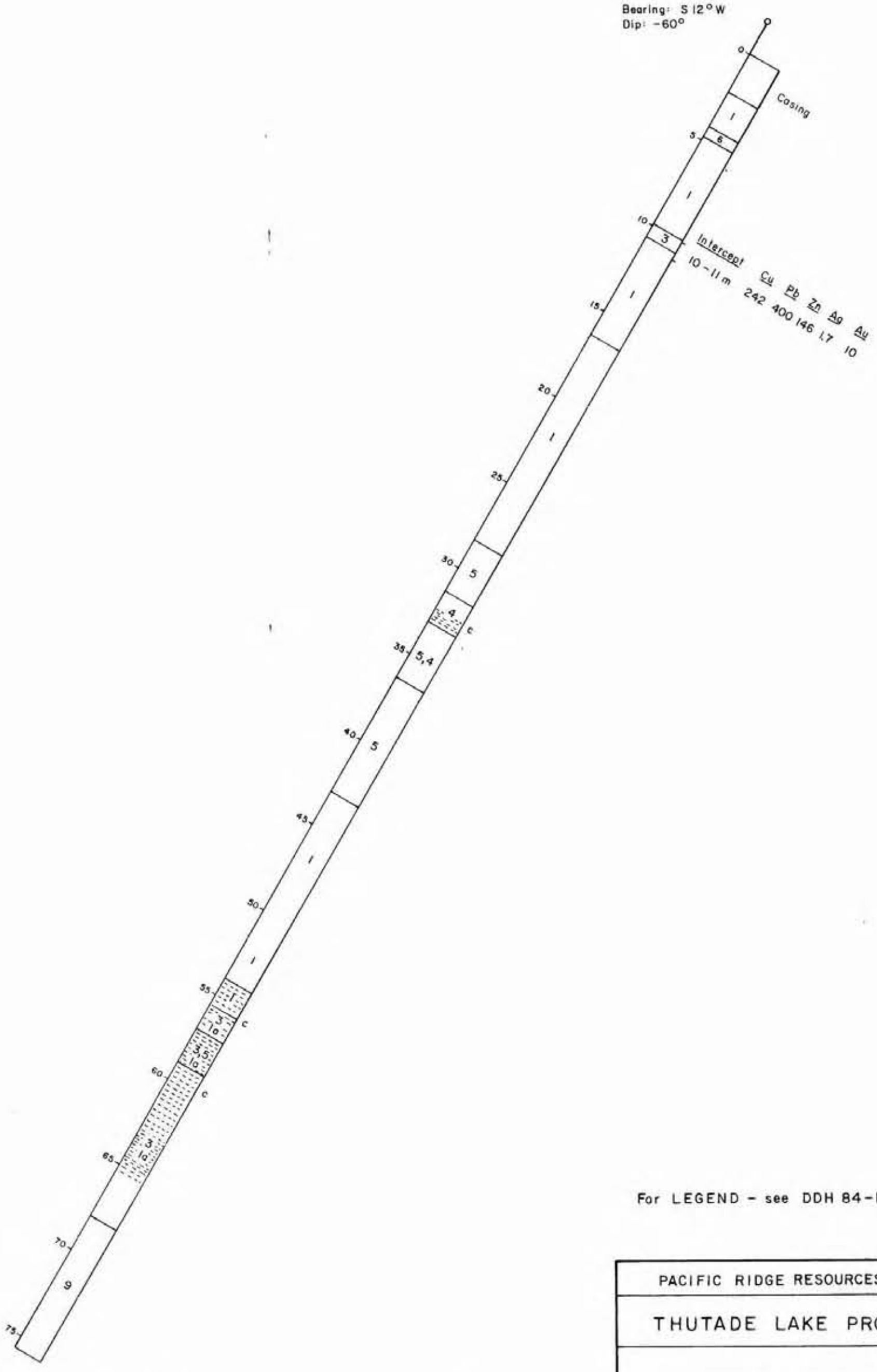
SCALE 1:200

DATE SEPT/84

FIGURE Nº 4

DDH 84-2

Bearing: S 12° W
Dip: -60°



Total depth 75.6 m

0 5 10
Meters

For LEGEND - see DDH 84-1 (Fig. 4)

PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

DDH 84-2

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN BY
CHK BY
SCALE 1:200

DATE SEPT/84

FIGURE Nº 5

Intercept	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
5 - 6 m	105	10,400	24,500	21.3	15
6 - 7 m	65	7,500	10,600	7.0	15
24 - 25 m	670	55	1,900	2.2	5
25 - 26 m	750	63	2,230	3.5	5

DDH 84-4 Azimuth S72°W Dip -45° Total depth 39.0 m

Intercept	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
11 - 13 m	3	1,240	1,620	0.6	0
13 - 15 m	36	151	1,320	1.3	5
15 - 17 m	10	139	600	0.6	10
17 - 19 m	160	297	2,130	6.6	5
19 - 21 m	81	710	7,900	6.4	10
27 - 28 m	8	84	192	0.3	65

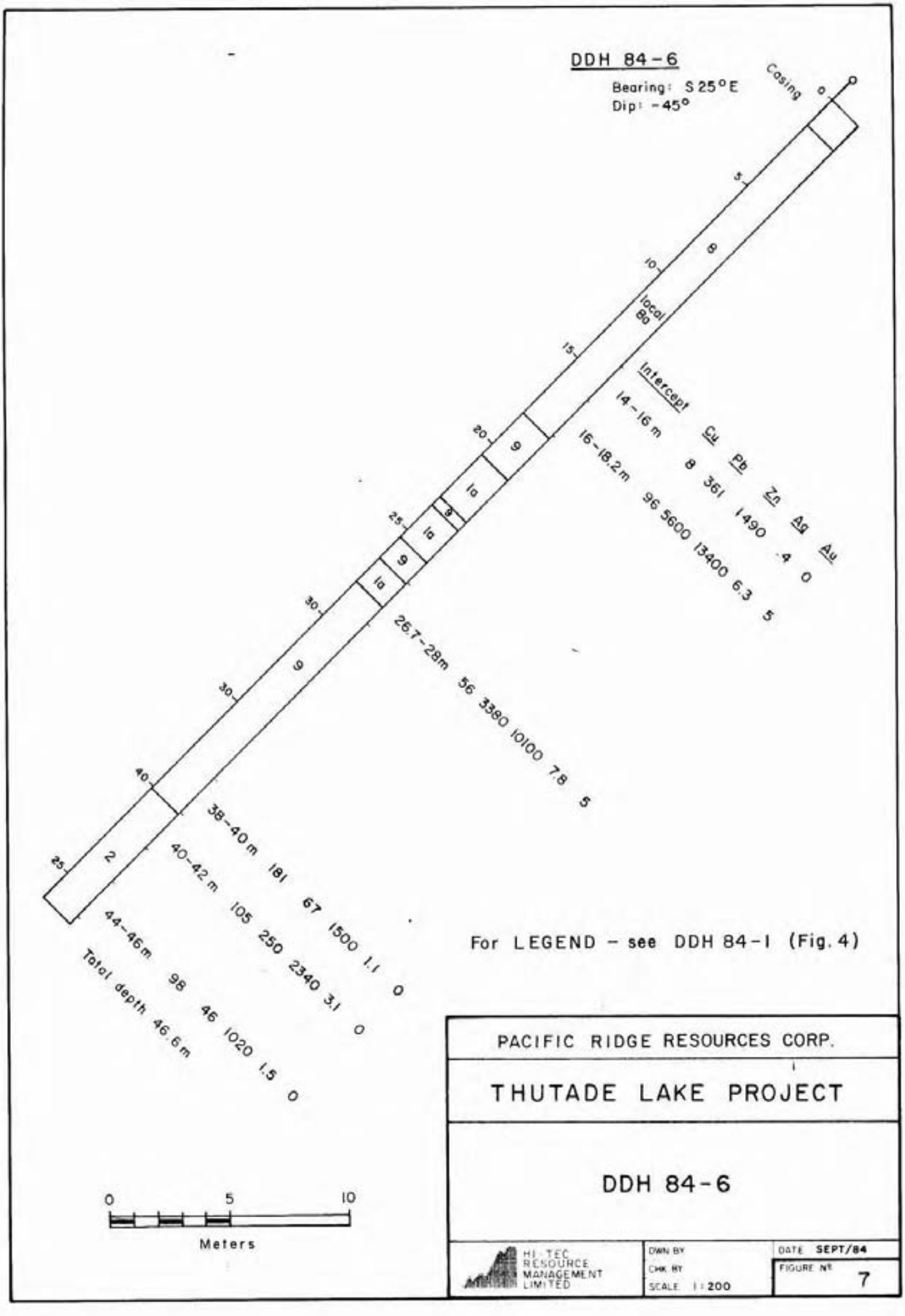
DDH 84-5 Azimuth N8°E Dip -45° Total depth 46.3 m

Intercept	Cu (ppm)	Pb (pm)	Zn (ppm)	Ag (ppm)	Au (ppb)
13 - 15 m	2	36	390	0.2	120
17 - 19 m	54	37	60	0.9	80

DDH 84-6 (Fig. 7) Azimuth S25°E Dip -45° Total depth 46.6 m

This hole was drilled on the newly discovered skarn zone approximately 400 m north of the Main Zone and 100 m east of "Showing No. 4". The hole intercepted 18.2 m of locally weakly skarned marble with associated weak Pb-Zn-Ag mineralization, overlying silicified andesites that are intruded by monzonite dykes. Significant values for DDH 84-6 are:

Intercept	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
14 - 16 m	8	361	1,490	0.4	0
16 - 18 m	96	5,600	13,400	6.3	5
26.7 - 28 m	56	3,380	10,100	7.8	5
38 - 40 m	181	67	1,500	1.1	0
40 - 42 m	105	205	2,340	3.1	0
44 - 46 m	98	46	1,020	1.5	0



For LEGEND - see DDH 84-1 (Fig. 4)

PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

DDH 84-6

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN BY

CHK BY

SCALE 1:200

DATE SEPT/84

FIGURE Nº 7

DDH 84-7 (Fig. 8) Azimuth N7°W Dip -45° Total depth 43.2 m

The hole is located in siliceous andesite and tuff near a major north-trending fault and associated strong pyritization. Minor Cu was found in nearby surface exposure, but no important values were obtained in the core. Two sections (2 - 4 m and 26 - 28 m) returned values of 35 and 30 ppb Au respectively. The drill hole penetrated fine-grained and porphyritic andesite, underlying a 17.9 m sequence of interbedded siliceous tuff and dark green and augite porphyry andesites. The hole was not deep enough to test the fault.

DDH 84-8 (Fig. 9) Azimuth S30°W Dip -45° Total depth 34.4 m

The hole is located at one of the trenches of Showing No. 1, 200 m north of the camp site, and encountered predominantly porphyritic grey and maroon andesite and lesser amounts of similar fine-grained andesite.

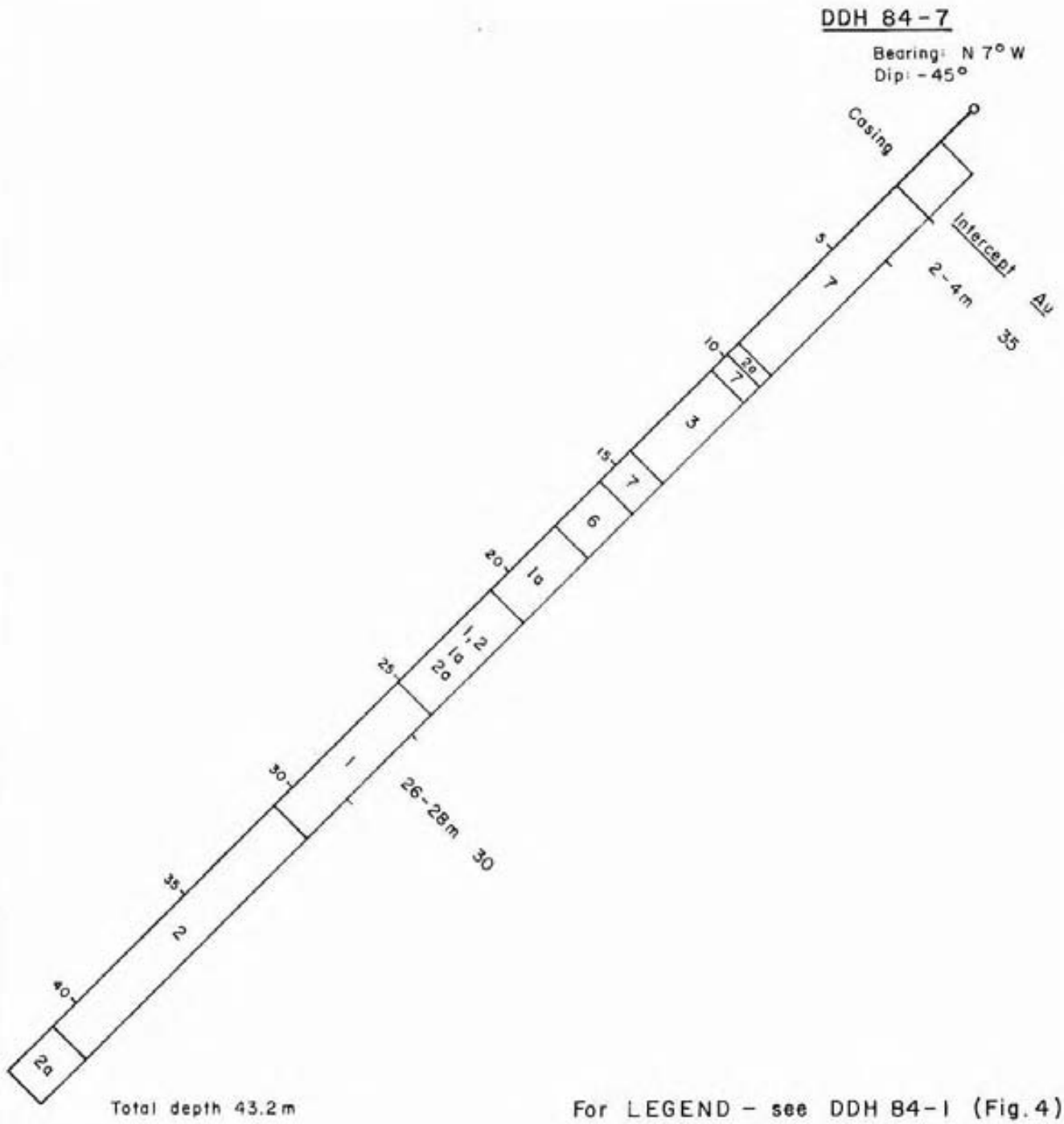
Strong copper mineralization, accompanied by localized Ag values are present in the upper 8 m.

Intercept	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
2 - 3 m	4,800	60	115	17.2	10
3 - 4 m	6,100	120	123	10.6	5
4 - 5 m	3,230	26	123	2.4	5
5 - 6 m	3,760	25	77	2.3	0
6 - 7 m	5,300	20	56	3.1	10
7 - 8 m	1,050	19	47	0.9	5

Discussion of Results

The 1984 drilling program has shown the following:

No significant mineralization is present in DDH 84-1 and 2 and Cu mineralization encountered in the nearby DDH 84-8 does not extend to these two holes.



For LEGEND - see DDH 84-1 (Fig. 4)

PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

DDH 84-7

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN BY

CHK BY

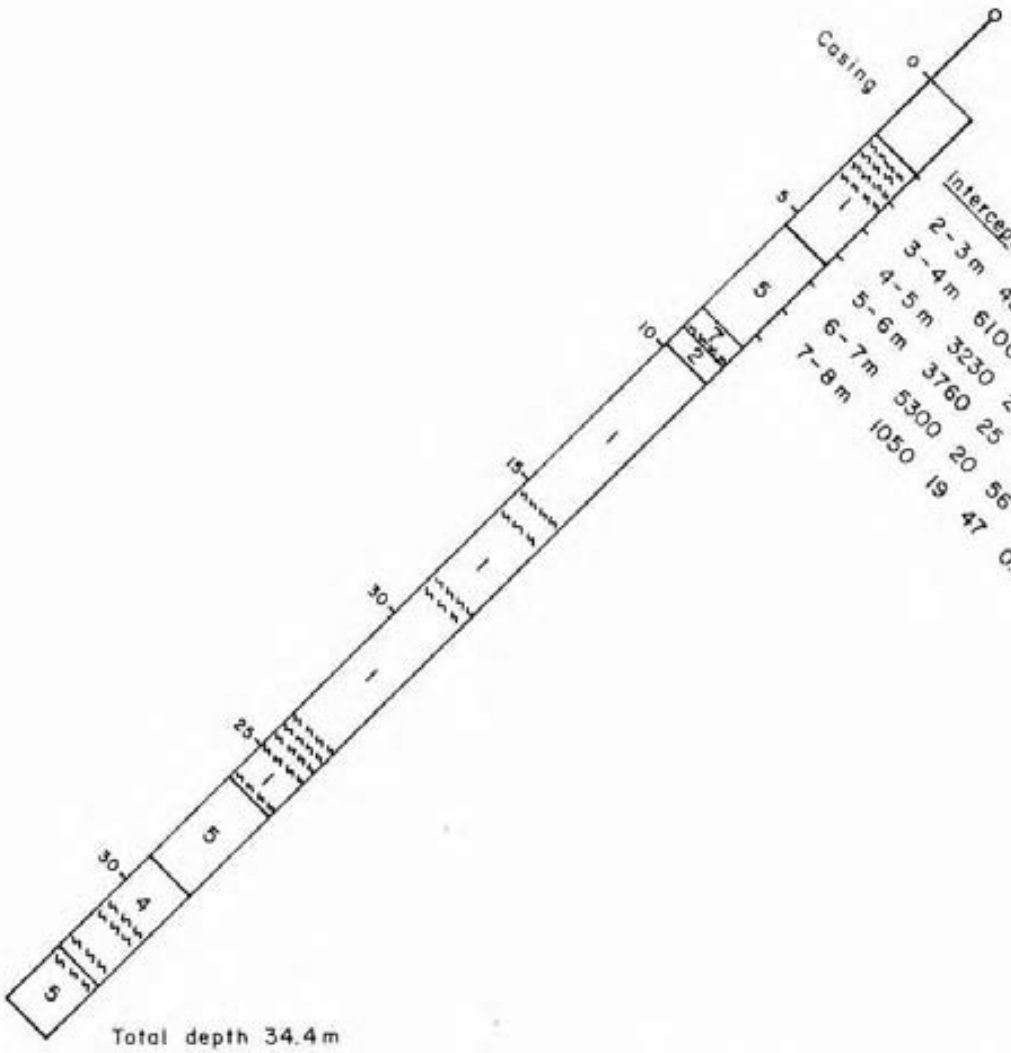
SCALE 1:200

DATE SEPT/84

FIGURE NR 8

DDH 84-8

Bearing: S 30° W
Dip: -45°



Total depth 34.4 m

For LEGEND - see DDH 84-1 (Fig. 4)

0 5 10
Meters

PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

DDH 84-8

HI TEC RESOURCE MANAGEMENT LIMITED

DWN BY
CHK BY
SCALE 1:200

DATE SEPT/84

FIGURE Nº 9

Mineralization encountered in DDH 84-3, 4, 5 and 6 is of limited extent and of sub-economic grade. Of the three holes, only DDH 84-3 has values of interest, averaging between 1.2 - 7 m, 0.88% Pb: 1.67% Zn and .35 oz/t Ag (weighted averages recalculated from ppm values). In DDH 84-4, 5 and 6, grade and widths are much lower.

Indications are, however, that the thrust contact between younger Takla Volcanics and older, overlying marble, forms a locus for mineralization and therefore offers further exploration potential on the property.

DDH 84-7 on Lake 4 claim encountered weak Au mineralization (30 - 35 ppb) and did not intersect the fault zone it was projected to, and it is therefore felt that its results are inconclusive.

DDH 84-8 intersected a weighted average of .46% Cu over 5 m with Ag values to .5 oz/t over 1 m.

The absence of mineralization in DDH 84-1 and 2 may indicate that the mineralization is stratabound with these holes collared in the footwall; analysis of samples from the 1984 soil survey (planned for a later date) may indicate continuation of mineralization westward.

MAPPING AND PROSPECTING

Limited mapping was carried out on Lake 1, 2, 3 and 4, and Ron 1 claims, as shown on Fig. 3. A large portion of the property remains to be mapped and prospected.

Property geology is described in an earlier chapter of this report.

Potentially important mineralization was found on Lake 1 claim 1.2 km north of camp on the east shore of the "Y" shaped lake where a 1 m wide lense in an east-west striking breccia zone returned values of 12,900 ppm Cu; 9,500 ppm Pb; 18,800 ppm Zn; 13.0 ppm Ag; 30 ppb Au (sample 84TVT-8). The breccia zone should be further explored.

North of the Crown Grants on Lake 2 claim, strongly mineralized subcrop quartz-vein material and, nearby, subcrop skarn mineralization were found.

	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)	
84TVT-108	23,400	1,240	9,100	73.9	70	Quartz vein
84TVT-109	640	7,300	27,800	92.1	20	Skarn

As the area is covered by overburden, further exploration here should include magnetmeter, EM and soil surveys.

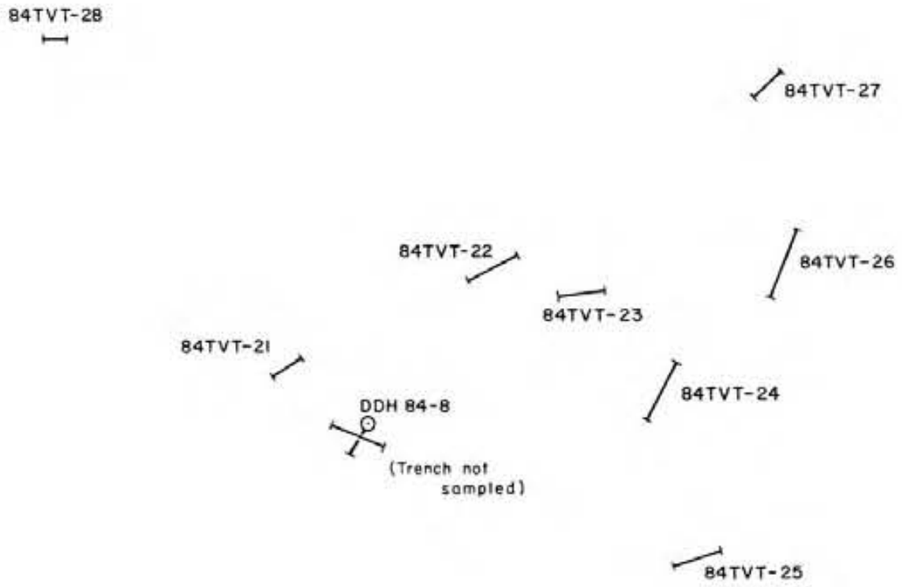
TRENCHING

The location of the Priority trench is shown on Fig. 3.

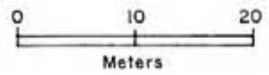
Continuous channel samples obtained by blasting and trenching indicates mineralization to be lensy and discontinuous, but further close-spaced soil sampling should be done north of the showing to test a possible continuation of the structure and the possibility of improved widths and grade.

Sample locations and analyses are shown on Fig. 11.

The old Quebec Cartier trenches at Showing No. 1, 150 m north of camp, were systematically resampled. Maximum value was 1,000 ppm Cu; 2.3 ppm Ag and 30 ppb Au. The trench on which DDH 84-8 was located was not sampled. Sample locations are shown on Fig. 10.



Sample No.	Length	Type	Description	Ppm Cu	Ppm Pb	Ppm Zn	Ppm Ag	Ppb Au
84TVT-21	3m	Channel	Grey-green andesite-dacite	54	24	80	.4	10
84TVT-22	5m	"	Maroon andesite; tr Cu, epidote	870	16	76	2.3	15
84TVT-23	4m	"	Porphyritic maroon andesite; tr Cu, epidote	650	15	75	.5	20
84TVT-24	5m	"	" " " " " "	400	15	74	1.0	38
84TVT-25	4m	"	" " " " " "	22	16	81	.4	30
84TVT-26	6m	"	Porphyritic maroon and grey andesite; tr malachite on fractures; epidote on grey andesite	490	11	56	.6	5
84TVT-27	3m	"	Porphyritic maroon andesite. Weak epidote on fractures	7	10	51	.2	5
84TVT-28	2m	Random grab	Coarse porphyritic dark green andesite	1000	34	122	1.6	0



PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

RON 1 Claim

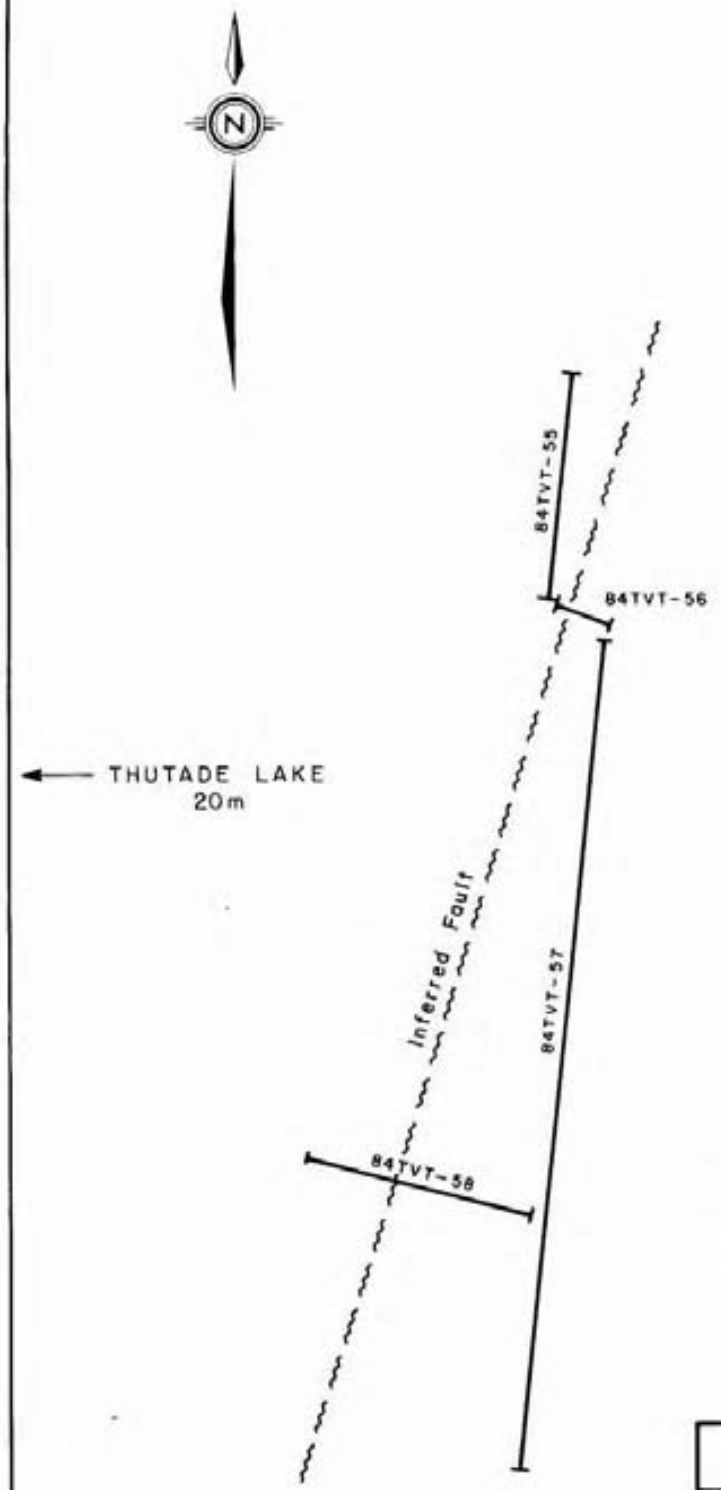
SHOWING No. 1

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN. BY —
CHK. BY —
SCALE 1:500

DATE SEPT./84

FIGURE Nº 10



Sample No.	Cu	Pb	Zn	Ag	Au
84TVT-55	102	52	366	1.2	0
84TVT-56	135	59	127	2.5	10
84TVT-57	129	41	198	1.2	0
84TVT-58	1920	79	383	11.4	30

PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

RON 1 Claim

PRIORITY TRENCH

2+50N; 1+25 E (1983 grid)

HI TEC RESOURCE MANAGEMENT LIMITED

DWN BY

CHK BY

SCALE 1:50

DATE SEPT./84

FIGURE Nº 11

SOIL SURVEY

During the 1984 field season, 543 soil samples over 13.7 km of chain and compass lines were collected. The soil grid (Fig. 12) is located on Lake 1 and Ron 1 claims and fills the gap between Thutade Lake and previous soil surveys to the east.

B horizon samples were collected using a mattock, from depths of 20-30 cm; the samples were placed in Kraft paper bags and shipped to Acme Labs in Vancouver for storage. Analyses for Cu, Pb, Zn, Ag and Au will be done at a later date. Funds are presently not available to get these samples analysed.

From the 1983 soil survey, 143 samples covering 3.95 km of grid lines on the west side of Ron 1 claim were analysed in 1984.

As 1983 survey lines are at 200 m spacing, intermittent survey lines should be sampled.

REFERENCES

Eisbacher, G.H. 1974. Sedimentary History and Tectonic Evolution of the Sustut and Sifton Basins, North-Central British Columbia. G.S.C. Paper 73-31.

Gabrielse H. et al. 1976. Geology of the Toodoggone River (94E) and Ware West Half (94F): G.S.C. Open File 483.

Hawkins, T.G. 1981. Report on Preliminary Assessment and Recommended 1982 Work Program for the Ron 1-6 Claims, Omenica Mining Division, B.C., for Pacific Ridge Resources Corp.; Private report by Sawyer Consultants Inc.

Sanguinetti, M.H. 1984. Preliminary Report on the Ron 1 and 2, and the Lake 1, 2, 3 and 4 Mineral Claims, Thutade Lake Area; for Pacific Ridge Resources Corp.

Sanguinetti, M.H. 1971. Geological, Geochemical and Geophysical Report on the Thutade Lake Claim Group, Omenica Mining Division, B.C.; Assessment Report 2903M-5 for Quebec Cartier Mining Company.

Von Einsiedel, C. 1983. Report on the Ron 1 and 2 Mineral Claims, Omenica Mining Division; for Pacific Ridge Resources Corp.

STATEMENT OF COST

RON 1-2; LAKE 1-4 CLAIMS

Period of Work: June 01 - July 30, 1984

Personnel

W. Vanderpoll, Geologist	23 days	@ $250.00	$ 5,750.00
A. Smallwood, Sr. Assistant	27 days	@ $150.00	4,050.00
G. Bonnar, Jr. Assistant	16 days	@ $150.00	2,400.00
J. Montgomery, Jr. Assistant	6 days	@ $150.00	900.00
D. Burkett, Jr. Assistant	7 days	@ $150.00	1,050.00
			14,150.00

Meals and Accomodation

132 man days @ $25.00/day	3,300.00

Vehicles and Equipment Rental

Shared as per attached statement	2,491.00
Boat and motor rental	1,750.00

Sundry Cost

Shared as per attached statement	4,849.41

Air Charters

Northern Mountain	June 17	$2,067.00	
	June 18	3,373.23	
	June 24	664.50	6,104.43
Air Lift	June 20	$ 315.00	
	June 21	472.50	
	June 22	840.00	
	June 25	682.50	
	June 27	1,155.00	
	June 29	2,940.00	6,405.00

Assays and Geochem

Vangeochem - July 25	1,073.65	
Vangeochem invoice #7972, 8123, 8028, 8052, 7967		
Acme Labs invoice #84-2416, 84-2365	5,078.70	6,152.35

Consulting		
D.A. Cooke, P.Eng. 3 days @ $350.00		1,050.00
Diamond Drilling		
Phil's Diamond Drilling Ltd., 100 Mile House 379.6 m @ $52.55 (all inclusive)		19,950.00
Reports		
Draughting, typing, reproduction		2,500.00
	TOTAL	$74,253.66

STATEMENT OF COST

EXPENSES SHARED BETWEEN:

ARK ENERGY (Ark Claims)
UNIVEX MINING (TUT Claims)
PACIFIC RIDGE RESOURCES (Lake 5 Claims; Ron 1-2 and Lake 1-4 Claim Groups; Ron 3, 8, 10, 11, Overlooked Claim Groups; Ron 4, 5, 6, 7, 9, Du Claim Group)

Period of Work: June 01 - July 30, 1984

		Total	Ark Claim	Tut Claim	Lake 5 Claim	Lake 1-4 Claim	Ron 3, 8 10, 11 Overlooked Claim	Ron 4, 5 6, 7, 9 Du Claim
Equipment Rentals								
Radio telephone - $350.00/month x 2 months	$ 700.00							
Intercamp radio	551.00							
Vehicle - $360.00/week x 8 weeks	2,880.00							
		$ 4,131.00	$ 620.00	$ 200.00	--	$ 2,491.00	$ 410.00	$ 410.00
Sundry Cost								
Vehicle fuel	$ 269.96							
Shipping	1,133.09							
Meals and accomodation in transit	328.40							
Maps	881.98							
Telephone	191.02							
Airfare	582.49							
Expediting	1,025.00							
Expediting disbursements	1,075.05							
Materials	1,727.96							
Field Equipment Rental	700.00							
Miscellaneous costs and expenses	229.46							
		8,144.41	1,140.00	325.00	200.00	4,849.41	815.00	815.00
Air Charters								
NT Air: June 16	451.50							
June 11	2,029.00							
June 16	451.50							
July 27	2,029.00							
	4,961.00							

			Total	Ark Claim	Tut Claim	Lake 5 Claim	Lake 1-4 Claim	Ron 3, 8 10, 11 Overlooked Claim	Ron 4, 5 6, 7, 9 Du Claim
Central Mt:	June 20	764.10							
	June 20	133.07							
	June 22	80.00							
	June 27	560.55							
	June 27	171.24							
	July 4	509.84							
	July 6	97.20							
	July 18	761.97							
		3,077.97							
Air Lift	June 16	682.50							
		682.50							
			8,721.47	1,220.00	--	200.00	5,551.47	875.00	875.00
		TOTAL	$20,996.88	$ 2,980.00	$ 525.00	$ 400.00	$12,891.88	$ 2,100.00	$ 2,100.00

STATEMENT OF QUALIFICATIONS

I, WIM VANDERPOLL, am a geologist, residing at 45-1101 Nicola Street, Vancouver in the Province of British Columbia, DO HEREBY CERTIFY THAT:

1. I am employed by Hi-Tec Resource Management Ltd. with offices at 1970-1055 West Hastings Street, Vancouver, B.C.

2. I graduated from the University of Tulsa (Oklahoma) with a B.Sc. in Geological Sciences in 1972.

3. I have practiced by profession for 12 years and during that period worked for Amax of Canada, Dolmage Campbell & Associates, McIntyre Mines, Canamax Resources and other companies.

4. This report is based on my personal examination of the property and on work carried out by crews under my direct supervision.

5. I do not have any direct or indirect interest in the property reported on nor do I expect to receive any such interest.

DATED AT VANCOUVER, B.C. this 1 day of October, 1984

WIM VANDERPOLL, Geologist

APPENDIX I

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-1

SHEET 1 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA ppm: SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb		ALTERATION: PY	EP	HEM	NOTES
					-									-			0-2.4M CASING
2M					60	1.6M	7003 2.4-4M	7	6	62	.1	5		-	M	-	2.4-12.5 MASSIVE GREY ANDESITE PORPHYRY. K SPAR PHENOCRYSTS WEAKLY ALTERED. WEAK EPIDOTE ON FRACTURES & PERVASIVE.
4					60	2	7004 4.0-6.0	15	20	55	.2	5		-	W	-	LOCAL WEAK QUARTZ & CALCITE VEINS
6					70	2	7005 6.0-8.0	19	19	49	.3	nd		tr	W	-	12.5-19.3 MASSIVE GREY FINEGRAINED ANDESITE. STRONG EPIDOTE ON FRACTURES 12.5-13.1; 15.0-15.8; 16.2-16.7;
8					70	2	7006 8.0-10.0	9	16	54	nd	nd		tr	W	-	WEAK EPIDOTE 17.8-18.8. WEAK HEMATITE FRACTURES 13.5-14.6; 16.8-17.5; LOCAL HEMATITE FRACTURES 18.0-19.3
10					80	2	7007 10.0-12	34	18	66	nd	5		tr	W	-	LOCAL WEAK QUARTZ & CALCITE VEINS.
12					90	2	7008 12-14	41	22	102	nd	5		tr	S	S	
14					90	2	7009 14-16	20	21	113	nd	nd		tr	M	S	
16					95	2	7010 16-18	14	20	112	.3	5		tr	M	S	
18					95	2	7011 18-20	39	24	103	.3	5		tr	M	M	19.3-20.5 HEMATITE-EPIDOTE CLAY GOUGED ANDESITE QUARTZ-CALCITE VEINS 19.5-19.9
20					95	2	7012 20-22	8	20	60	.2	5		tr	S	S	20.5-22.2 STRONGLY KAOLINIZED COARSE PORPHYRITIC
22					100	2	7013 22-24	9	18	60	nd	10		tr	W	-	ANDESITE; WEAK-MEDIUM EPIDOTE ON FRACTURES; MINOR QUARTZ VEINS.
24					100	2	7014 24-26	4	19	75	.1	15		tr	W	-	
26					100	2	7015 26-28	5	20	78	.2	5		tr	W	-	22.2-24.8 WEAKLY ALTERED (REGIONAL?) GREY PORPHYRITIC ANDESITE; EPIDOTE FRACTURES FREQUENT.
28					100	2	7016 28-30	4	20	74	.1	5		tr	W	-	24.8-26.0 MEDIUM-STRONGLY ALTERED GREY PORPHYRITIC ANDESITE - TO GREEN GREY. FREQUENT THIN CALCITE
30					100	1.3	7017 30.0-31.3	11	31	96	.2	5		1	W	-	STRINGERS; WEAK HEMATITE ALTERATION 25.2-25.5; STRONG EPIDOTE 25.4-25.5 ON FAULT ZONE (CRACKLE ZONE WITH CA STRINGER

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-1

SHEET 2 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb		ALTERATION: PYRITE	EPIDOTE	HEMATITE	NOTES
							ASSAY DATA ppm										
34					100	0.7	7001 31.3-32.0	134	172	66	1.4	15		tr	W	–	26.0-31.3 GREEN GREY COARSE ANDESITE; WEAKLY ALTERED. STRONG HEMATITE 26.0-26.2; STRONG KAOL ALTERATION 27.6-28.0. STRONG CALCITE CRACKLE ZONE 26.2-26.7. LOCAL CALCITE VEINS 26.7-27.3.
36					100	2 0.7	7018 32-34 7019 34-34.7	4 65	30 26	143 130	.1 .2	nd nd		1.5	M	–	
38					100	2.0 1.3	7002 34.7-36.7 7020 36.7-38	59 44	137 35	398 157	.6 .5	5 5		1.5	M	–	PYRITE TRACE 30.0-30.8; 2% 30.8-32.0 TRACE 34.0-34.5; 2% 34.5-36.0
40					100	2	7021 38-40	56	53	150	.5	5		1	M	–	
42					100	2	7022 40-42	193	169	267	1.2	nd		1	–	W	31.3-32.0 REDDISH SILICIFIED LAPILLI TUFF? MINOR THIN QUARTZ VEINS.
44					100	2	7023 42-44	182	22	78	.9	nd		tr	–	W	32.0-34.5 HEMATITE STAINED COARSE MAROON ANDESITE PORPHYRY; LOCALLY FRAGMENTAL. CALCITE STRINGERS THROUGH OUT 2/10CM. STRONG CALCITE VEINS 33.5-34.0
46					100	1.1	7024 44-45.1	338	30	95	.1	nd		1	S	–	
						1.5	7025 45.1-46.6	64	22	84	.2	5		1	M	–	34.5-36.7 DARK GREEN FINE GRAINED ANDESITE; STRONG CALQUARTZ STOCKWORK. LOCAL SPHALERITE. STRONG PYRITE
																	36.7-40.0 GREY GREEN ANDESITE PORPHYRY. CALCITE & QUARTZ STRINGERS WEAK THROUGHOUT; STRONG 38.3-38.5; 38.9-39.4 STRONGLY FRAGMENTAL 39.0-39.2 (30% FRAGMENTS)
																	40.0-45.1 FINE GRAINED PINK MONZONITE. UPPER CONTACT @ 55° TO CORE AXIS; LOWER CONTACT 42° FELDSPATHIC GROUNDMASS, PYROXENE PHENOCRYSTS TO .3 CM. WEAK QUARTZ VEINS THROUGHOUT; 3CM QV @ 39.9. LOCAL TRACES CHALCOPYRITE; LOCAL EPIDOTE FRACTURES (CAN CARRY CHALCO).
																	45.8-45.8 STRONGLY ALTERED ANDESITE PORPHYRY; STRONG EPIDOTE; CALCITE STRINGERS. FAULT GOUGE THROUGHOUT.
																	45.8-46.6 ANDESITE PORPHYRY; EPIDOTE ALTERATION 45.8-46.1

46.6 END OF HOLE.

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUNDER LAKE

DDH 84-2

SHEET 1 OF 3

DEPTH METERS	LITH.	BEDDING	FAULTS	RUBBER OR PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb		PYRITE	EPID	HEMAT	NOTES
							ASSAY DATA PPM										
0																	0-2.1M CASING
2																	
4					60	1.9	7026 2.1-4.0	49	20	50	1.1	10		1%	-	-	2.1-7.1 BADLY BROKEN CORE
6					60	2	7027 4-6	114	18	100	.2	nd		1	-	-	2.1-4.1 PORPHYRITIC ANDESITE; BLEACHED K SPAR PHENOCRYSTS
8					80	2	7028 6-8	43	19	85	.1	nd		1	W	-	4.1-4.6 ANDESITE PORPHYRY ANDESITE
10					95	2	7029 8-10	41	20	116	.5	nd		1.5	W	W	4.6-9.8 PORPH. GREY ANDESITE; BLEACHED K SPAR
12					100	1	7030 10-11	242	400	446	1.7	10		3	-	W	9.8-10.5 FG ANDESITE, DARK GREEN. 5CM HEMATITE @ 10.0 ABUNDANT CALCITE FRACTURES.
						1	7031 11-12	57	27	112	1.2	5					10% PY 10.1-10.4
14					100	2	7032 12-14	70	214	213	.7	10		3	-	W	10.5-16.3 PORPH. ANDESITE, BLEACHED K SPAR. STRONG BLEACHING ON FRACTURES. VERY WEAK CALCITE FRACTURING.
16					100	2	7033 14-16	56	24	83	1.1	5		2	W	VW	
18					100	2	7034 16-18	41	23	77	.4	nd		4	W	W	16.3-28.3 WEAKLY SILICIFIED PORPH. ANDESITE; BLEACHED. WEAK CALCITE FRACTURES; LOCAL HEMATITE FRACTURES.
20					100	2	7035 18-20	72	19	96	.3	5		3	W	VW	28.3-31.3 PALE MAROON STRONGLY PORPHYRITIC ANDESITE
22					100	2	7036 20-22	106	20	102	.2	5		1	W	VW	31.3-32.1 FINE GRAINED PALE MAROON ANDESITE. 3CM QUARTZ VEIN & CHLORITE @ CRACKLE ZONE 32.5-33.0
24					100	2	7037 22-24	69	19	83	.3	nd		1	W	VW	
26					100	2	7038 24-26	76	15	67	.1	nd		1.5	M	-	
28					100	2	7039 26-28	83	17	83	.3	nd		1	M	-	
30					100	2	7040 28-30	10	16	81	.1	nd		tr	M	-	
32					100	2	7041 30-32	14	40	85	.6	nd		1% 4%	-	W	

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-2

SHEET 2 OF 3

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	ASSAY DATA PPM Cu	Pb	Zn	Ag	Au ppb	ALTERATION PYRITE	EPID.	HEM.	NOTES
14					100	2M	7042 32-34	6	19	112	.4	nd	3	W	W	33.1-36.4 WEAKLY BLEACHED PALE MAROON-GREY INTER-BEDDED FINEGRAINED AND PORPHYRITIC ANDESITE
36					100	2	7043 34-36	19	15	55	.1	nd	1	W	W	36.4-43.1 STRONGLY PORPHYRITIC MAROON ANDESITE; LOCALLY
18					100	2	7044 36-38	10	19	95	.3	nd	tr	-	W	BLEACHED. LOCAL THIN FINEGRAINED SECTIONS. STRONG HEMATITE 37.5-38.0; 38.7-38.9
40					100	2	7045 38-40	11	21	100	.6	nd	tr	-	S	
42					100	2	7046 40-42	1	18	84	.5	5	tr	-	S	
44					100	2	7047 42-44	3	17	132	.3	10	tr	-	W	43.1-44.5 PALE MAROON-GREEN ANDESITE; K SPAR PORPHYRY
46					100	2	7048 44-46	77	19	108	.4	nd	.5	W	-	44.5-54.2 STRONGLY PORPHYRITIC MASSIVE ANDESITE;
48					100	2	7049 46-48	189	24	91	.6	nd	tr	-	W	LOCAL WEAK CALCITE-QUARTZ VEINS
50					100	2	7050 48-50	12	24	95	.4	nd				
52					100	2	7051 50-52	18	16	86	.5	nd				
54					100	2	7052 52-54	26	17	89	.5	nd				54.2-65.2 STRONG CALCITE STRINGERS TO 40/METRE.
56					100	2	7053 54-56	174	16	95	.9	nd				54.2-55.7 STRONG HEMATITE STAINING; PORPHYRITIC ANDESITE
58					100	2	7054 56-58	55	17	106	.6	5				LOCALLY FRAGMENTAL
60					100	2	7055 58-60	26	18	110	.5	nd				55.7-57.0 GREY, LOCALLY FRAGMENTAL AUGITE PORPHYRY & FELDSPAR PORPHYRY
62					100	2	7056 60-62	89	23	144	1.0	5				57.0-59.0 WEAK MAROON FRAGMENTAL AUGITE PORPHYRY & FELDSPAR PORPHYRY
					100	2	7057 62-64	157	17	89	1.3	10				

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-2

SHEET 3 OF 3

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA ppm: SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb		ALTERATION: PY	EPID	HEM	NOTES
64																	59.0 - 68.0 GREEN FRAGMENTAL ANDESITE PORPHYRY & FELDSPAR PORPHYRY. 15CM SILIC. TUFF @ 59.8. STRONG PYRITE THROUGHOUT; PYRITE SELVAGES ON QTZ VEINS. TRACE CHALCO ON QUARTZ VEIN @ 65.5M
66					100	2M	7058 64-66	69	41	125	1.5	5		3	W	—	
68					100	2	7059 66-68	26	21	78	1.0	5		5	-	-	
70					100	2	7060 68-70	16	31	73	.5	nil		2	-	-	68.0 - 69.5 MEDIUM GRAINED PINK MONZONITE; CONTACTS @ 45° TO CORE AXIS
72					100	2	7061 70-72	11	34	62	.7	nil		2	-	-	
74					100	2	7062 72-74	14	31	83	.6	20		1	-	-	69.5 - 74.0 GREY GREEN MONZONITE (MAY BE COARSE FRAGMENTAL ANDESITE?)
76					100	1.6	7063 74-75.6	4	29	58	1.0	50		1	-	-	74.0 - 75.6 COARSE GREY MONZONITE, WEAKLY FOLIATED @ 30° TO CORE AXIS. WEAK CALCITE-QUARTZ CRACKLE ZONES WITH WEAK BLEACHING ON FRACTURES 71.0-72.0; MEDIUM 72.0-73.5; STRONG 73.5-74.0
																	75.6 END OF HOLE

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUJADE LAKE

DDH 84-3

SHEET 1 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb	ALTERATION: Py	CHL	HEM	NOTES
0																0-1.27 CASING
2					70	1.8	7064 1.2-3	46	11900	18500	17.7	10	tr			
						1	7065 3-4	5	2800	3500	1.6	5				1.2-2.0 70% RECOVERY
4					80	1	7066 4-5	102	14100	30100	15.4	20	tr			
						1	7067 5-6	105	10400	24500	21.8	15	tr			1.2-6.2 WEAKLY SKARNED MARBLE - WHITE, COARSELY
6					95	1										CRYSTALLINE. FREQUENT QUARTZ LENSES WITH STRONGER
						1	7068 6-7	65	7500	10600	7.0	15	tr			DIOPSIDE; QUARTZ & CALCITE STRINGERS THROUGHOUT.
8					50	1	7069 7-8	52	30	132	1.2	nd				PATCHY Pb-Zn ON DIOPSIDE SKARN; DISSEM Pb ELSEWHERE.
						1	7070 8-9	34	33	56	.8	nd				5.5-6.1 BRECCIA (SEDIMENTARY?) WITH SUBROUNDED FRAGMENTS
10					80	1	7071 9-10	18	19	31	.7	10	4			TO 4CM
						1	7072 10-11	63	25	47	.8	5				
12					85	1	7073 11-12	41	111	37	1.2	10	8			6.2-7.0 CORE LOST. STRONGLY OXIDIZED MATERIAL; CAVITY
						1	7074 12-13	6	32	15	.5	5				
14					75	1	7075 13-14	9	32	15	.6	10	6			7.0-8.1 POOR RECOVERY. BADLY FRACTURED BLACK ROCK RUBBLE
						1	7076 14-15	12	30	20	.6	5		mod	mod	AT MARBLE-ANDESITE CONTACT.
16					85	1.1	7077 15-16	123	23	15	.4	15	6			
						.9	7078 16.1-17	247	16	14	.6	10				13.1-14.0 20% RECOVERY
18					95	1	7079 17-18	51	16	30	.4	5	10			
						1	7080 18-19	10	17	27	.5	5				8.1-16.2 MORE OR LESS COMPETENT BUT STRONGLY FRACTURED
20					90	1	7081 19-20	8	49	65	.3	20	6			FRAGMENTAL DARK GREY ANDESITE, WEAKLY SILICIFIED.
						1	7082 20-21	16	25	41	.8	5				FREQUENT CALCITE STRINGERS & CALCITE FRACTURE COATING.
22					95	1	7083 21-22	157	80	460	1.0	nd	6			
						1	7084 22-23	32	35	198	.9	5				16.2-17.1 MEDIUM GREY ANDESITE, WEAKLY SILICIFIED; FRAGMENTAL.
24					95	1	7085 23-24	64	19	146	.5	5	3			FAULT GOUGE 16.4-17.1
						1	7086 24-25	670	55	1900	2.2	5				
26					100	1	7087 25-26	750	63	2230	3.5	5	3			17.1-21.2 COMPETENT GREY ANDESITE, DARK GREY; AS 8.1-16.2
						1	7088 26-27	30	30	139	.4	5				STRONGLY FRACTURED WITH CALCITE STRINGERS & FRACTURE
28					95	1	7089 27-28	52	46	92	.6	nd	*			COATINGS. PYRITE 1% 18.0-18.7; 2% 18.7-20.0
						1	7090 28-29	138	550	730	2.5	20				
30					95	1	7091 29-30	81	30	87	.6	5	*			21.2-405 ANDESITE PORPHYRY FAULT GOUGE, BLEACHED. ONLY
						1	7092 30-31	79	37	95	.9	5				ANDESITE FRAGMENTS CAN BE RECOGNISED - MAY BE WEAKLY
					100	1	7093 31-32	28	30	79	.6	5	*			SILICIFIED TUFF. LOCALLY FINEGRAINED.

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* CORE TOO GOUGED TO DETERMINE PYRITE CONTENT

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-3

SHEET 2 OF 2

DEPTH METERS	% REC.	SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb	ALTERATION py	ALTERATION epid	ALTERATION HEM
32										
	85	7094 32-33	205	34	80	.8	nd			
34		7095 33-34	38	30	71	.4	5	*		
	100	7096 34-35	45	35	84	.5	10			
36		7097 35-36	61	32	85	.6	nd	*		
	95	7098 36-37	45	19	70	.4	nd			
38		7099 37-38	49	34	82	.7	nd	1		
	100	7100 38-39	83	37	93	.5	nd			
40		7101 39-40	73	25	104	.6	10	*		
	100	7102 40-41	85	19	74	.2	10		mic	mic
42		7103 41-42	65	60	70	.7	10	tr		
	100	7104 42-43	34	20	55	.2	5		mic	
44		7105 43-44	20	22	37	.3	nd	tr		
	95	7106 44-45	16	20	36	.5	10			
46		7107 45-46	37	22	50	.8	15	1		
	100	7108 46-47	27	23	57	.4	nd			
48		7109 47-48.2	22	27	47	.5	nd	3		
50										

NOTES

40.5 - 42.0 COMPETENT RED. GREY ANDESITE PORPHYRY

42.0 - 43.5 ANDESITE FAULT GOUGE. RUSTY STRINGERS 42.8 - 43.2

43.5 - 44.8 COMPETENT GREY ANDESITE

44.8 - 45.1 AS ABOVE, STRONGLY FRACTURED

45.1 - 48.2 COMPETENT GREY FRAGMENTAL ANDESITE, BLEACHED. STRONG FRACTURING 45.3 - 45.5; 45.7 - 46.0; 46.4 - 46.5

48.2 END OF HOLE

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-4

SHEET 1 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb	ALTERATION Py	Epid	Skarn	NOTES
0																0 - 1.2M CASING
2						1.8	7110 1.2-3M	8	620	890	.7	nd				
4					100	2	7111 3-5	2	69	41	.1	nd	tr	-	W	1.2-28.6 LIGHT GREY MARBLE, COARSELY CRYSTALINE. LOCAL WEAK DIOPSIDE SKARNING NEAR FRACTURES & AS VEIN SELVAGES. WEAK PATCHY SKARN 2.0-2.2; 12.6-13.0; 18.6-18.7; 19.3-19.85; 27.1-27.6; 28.8-29.1 (@ CONTACT)
6					100	2	7112 5-7	4	44	72	nd	5	tr	-	W	
8					100	2	7113 7-9	4	60	197	nd	10	tr	-	W	
10					100	2	7114 9-11	5	59	150	.3	10	tr	-	W	FAULT (5CM) @ 7.0 TR. Pb. Zn. Cu THROUGHOUT ON SKARN
12					100	2	7115 11-13	3	1240	1620	.6	nd	tr	-	W	2 3CM Pb-Zn STRINGERS @ 17.6 HEMATITE STAINED, WEAK SKARN 18.5-18.7
14					100	2	7116 13-15	36	151	1320	1.3	5	tr	-	W	WEAK BEDDING @ 26.0 = 20° TO CORE AXIS
16					100	2	7117 15-17	10	139	600	.6	10	tr	-	W	28.6-29.1 PASTY GOUGE SKARN RUBBLE.
18					100	2	7118 17-19	160	297	2130	6.6	5	tr	-	W	
20					100	2	7119 19-21	81	710	7900	6.4	10	tr	-	W	29.1 - 39.0 DARK GREY FRAGMENTAL ANDESITE - MAY BE TUFFACEOUS. WEAKLY - MODERATELY SILICIFED, STRONGLY PYRITIC, STRONGLY MAGNETIC.
22					100	2	7120 21-23	5	162	620	1.0	10	tr	-	W	
24					100	2	7121 23-25	5	53	60	.4	5	tr	-	W	CALCITE FRACTURES THROUGHOUT (IN 5/METRE) FAULT GOUGE 28.8-29.1 ; 5 CM @ 90° TO CORE AXIS @ 33.4 38.8 - 38.9 . ALL WITH CALCITE, CHLORITE. STRONG QUARTZ (60%) 29.1-29.5 BARREN.
26					100	2	7122 25-26	3	41	34	.3	10	tr	-	W	
28					90	2	7123 26-27	53	148	273	.7	nd	tr	-	W	
							7124 27-28	8	84	192	.3	65				
30					100	2	7125 28-29.7	54	166	161	1.1	10	3	-	-	
32					100	2	7126 29.7-32	48	25	38	.5	15	8	-	-	

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-4

SHEET 2 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA PPM							ALTERATION			NOTES
							SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb		PY	EP		
32																	
					100	2	7127 32-34	106	26	45	.5	nd		8	tr		
34																	
					100	2	7128 34-36	120	17	32	.7	5		8	tr		
36																	
					100	3	7129 36-39	81	16	46	.4	10		5	tr		
38																	
					100									6	tr		39.0 END OF HOLE
40																	

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE

DDH 84-5

SHEET 1 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	ASSAY DATA ppm Cu	Pb	Zn	Ag	Au ppb	ALTERATION PY	EP	SK	NOTES
0																
2						14	7130 1.6-3m	1	134	168	.1	nd	tr	-	W	0-1.6m CASING
4					85	2	7131 3-5	3	46	40	.3	nd	tr	-	W	1.6-17.8 LIGHT GREY MARBLE. SKARNING NEAR THROUGHOUT STRONGER NEAR FRACTURES
6					90	2	7132 5-7	4	41	46	.1	25	tr	-	W	3CM QUARTZ VEIN @ 16.3 45° TO CORE AXIS. TRACES Pb, Zn.
8					85	2	7133 7-9	8	39	71	nd	5	tr	-	W	17.8-44.6 DARK GREY FRAGMENTAL ANDESITE, HEAVILY SILICIFIED. CALCITE STRINGERS
10					100	2	7134 9-11	4	39	61	.2	10	tr	-	W	3 CM QUARTZ VEIN @ 45.0
12					100	2	7135 11-13	2	40	95	.3	20	tr	-	W	STRONGER SILICIFICATION 17.8-21.5
14					100	2	7136 13-15	2	36	390	.2	120	tr	-	W	STRONG FRACTURING &/OR FAULT GOUGE 20.2-70.7; 21.5 (5CM); 22.7-23.0; 25.1 (10CM); 26.2-26.4; 26.9-27.0; 31.0-31.5; 33.9 (5CM); 35.1-35.7; 36.2-37.2; 42.4 (5CM); 44.6 (10CM @ CONTACT)
16					100	2	7137 15-17	6	38	349	.1	nd	tr	-	W	
18					100	2	7138 17-19	54	37	60	.9	80	tr	-	W	
20					100	2	7139 19-21	60	23	22	.7	15	3	-	-	
22					95	2	7140 21-23	17	18	22	.4	10	3	-	-	
24					100	2	7141 23-25	6	11	26	.9	5	1.5	-	-	
26					95	2	7142 25-27	5	21	30	.7	10	2	-	-	
28					100	2	7143 27-29	5	20	19	.2	5	4	-	-	
30					90	2	7144 29-31	27	18	20	.5	25	2	-	-	
32					95	2	7145 31-33	12	17	20	.4	30	4	-	-	

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-5

SHEET 2 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA PPM							ALTERATION			NOTES
							SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb		PY	EP	HEM	
32																	
34					100	2	7146 33-35	10	15	24	.1	nd		2	-	-	
36					90	2	7147 35-37	10	15	24	.7	5		2	-	-	
38					90	2	7148 37-39	37	15	39	.6	5		1	-	-	
40					100	2	7149 39-41	30	16	29	.1	nd		1	-	-	
42					100	2	7150 41-43	33	12	26	.2	nd		3	-	-	
44					100	2	7151 43-45	58	20	63	.5	5		3	-	-	44.6 – 46.3 FINE GRAINED GREY-GREEN TUFF
46					100	1.3	7152 45-46.3	34	22	46	.3	5		3	-	-	46.3 END OF HOLE.

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-6

SHEET 1 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA PPM: SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb		ALTERATION: PY	EP		NOTES
0																	
2					100	2.6 M	7153 1.4-4.0	4	42	38	.5	nd		tr			0-1.4M CASING
4					90									tr			1.4-18.2 LIGHT GREY MARBLE, LOCALLY WEAK DIOPSIDE SKARN WEAK SILICIFICATION
6					90	2	7154 4-6	4	65	68	.2	nd		tr			STRONG Pb-Zn 17.4-18.2
8					100	2	7155 6-8	3	42	66	.2	nd		tr			18.2-20.6 GREY GREEN COARSE MONZONITE
10					95	2	7156 8-10	2	51	104	.2	nd		tr			20.6-22.1 STRONGLY SILICIFIED FRAGMENTAL ANDESITE TUFF STRONGLY BLEACHED ON FRACTURES WITH EPIDOTE.
12					90	2	7157 10-12	5	280	221	1.5	nd		tr			23.1-23.5 MONZONITE
N					100	2	7158 12-14	8	153	720	.6	10		tr			23.5-25.3 STRONGLY SILICIFIED ANDESITE, FRAGMENTAL STRONG BLEACHING ON FRACTURES.
16					100	2	7159 14-16	8	361	1490	.4	nd		tr			
18					100	2.2	7160 16-18.2	96	5600	13400	6.3	5		tr			25.3-26.7 MONZONITE
20					95	2.4	7161 18.2-20.6	119	94	1940	2.1	5		2			26.7-28.0 STRONGLY SILICIFIED FRAGMENTAL ANDESITE
22					95	25	7162 20.6-23.1	64	177	1570	1.4	nd		1.5	S		28.0-40.1 GREY GREEN MONZONITE; LOCAL STRONG EPIDOTE AS REPLACEMENT OF FELDSPAR & ON FRACTURES
24					100	2.2	7163 23.1-25.3	68	106	600	1.0	5		1	-		
26					100	1.4	7164 25.3-26.7	59	60	275	.4	nd		4	S		
28					100	1.3	7165 26.7-28	56	3380	10100	7.8	5		3	S		
30					100	2	7166 28-30	39	640	850	1.0	5		2	M		
32					100	2	7167 30-32	114	700	830	.9	5		2	M		

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-6

SHEET 2 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb		ALTERATION PY	EP	HEM	NOTES
32							ASSAY DATA PPM										
34					100	2M	7168 32-34	48	57	180	.6	nd		3	M	-	
36					100	2	7169 34-36	45	40	182	.3	5		3	M	-	40.1-46.6 MASSIVE SILICIFIED GREY ANDESITE.
38					100	2	7170 36-38	132	45	185	.9	nd		3	M	-	
40					100	2	7171 38-40	181	67	1500	1.1	nd		4	S	W	
42					95	2	7172 40-42	105	250	2340	3.1	nd		4	S	-	
44					100	2	7173 42-44	22	16	100	.5	nd		3	W	-	
46					100	2.6	7174 44-46.6	98	41	1020	1.5	5		2	W	-	
																	46.6 END OF HOLE.

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-7

SHEET 1 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	BROKEN PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	ASSAY DATA PPM Cu	Pb	Zn	Ag	Au ppb		ALTERATION PY	EP		NOTES
0																	
2																	0-2.27 CASING
4					70		7195 2.2-4M	52	32	91	.4	35		RUSTY			2.2-10.6 STRONG RUSTY FRACTURES
6					80		7196 4-6	23	39	115	.7	10					10.6-43.2 STRONG CALCITE COATED FRACTURES WITH THIN PYRITE PAINTING (NEARLY ALL PYRITE IS EXCLUSIVELY ON FRACTURES)
8					70		7197 6-8	20	26	116	.7	15		6			2.2-43.2 SILICIFIED.
10					70		7198 8-10	21	29	174	.6	20		6			2.2-9.3 PALE GREY GREEN TUFF, FINE GRAINED
12					80		7199 10-12	12	22	139	.6	5		7			9.3-9.9 FINE GRAINED DARK GREY SILIC. ANDESITE, FRAGMENTAL SOME FRAGMENTS TO 2CM
14					80		7200 12-14	8	23	136	.5	10		5			
16					70		7201 14-16	4	24	98	.3	5		6	W		9.9-10.6 PALE GREY GREEN SILICEOUS TUFF
18					95		7202 16-18	5	21	111	.1	10		4	W		10.6-14.3 DARK GREEN-GREY FINE GRAINED ANDESITE
20					85		7203 18-20	10	20	97	.2	5		3	W		14.3-15.8 PALE GREY-GREEN SILICEOUS TUFF
22					95		7204 20-22	16	19	74	.2	5		3	-		15.8-17.9 ALBITE PORPHYRY ANDESITE
24					100		7205 22-24	5	16	69	.2	10		3	-		17.9-20.8 FINE GRAINED ANDESITIC TUFF WITH 15% PORPHYRITIC ANDESITE BANDS (MAY BE LARGE FRAGMENTS?). DARK GREY-GREEN.
26					75		7206 24-26	4	15	56	.4	10		4	-		
28					85		7207 26-28	7	34	87	.6	30		2	-		20.8-25.1 MIXED FINE GRAINED AND PORPHYRITIC ANDESITE FRAGMENTED TO 3CM
30					100		7208 28-30	8	17	79	.3	5		2	-		25.1-30.9 COARSE PORPHYRITIC ANDESITE, MASSIVE; PALE GREY-GREEN.
					85		7209 30-32	13	21	73	.5	5		1.5	-		

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HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THISTLE LAKE

DDH 84-7

SHEET 2 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA PPM						ALTERATION			NOTES
							SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb	Py	Ep	Hem	
32																30.9-41.2 FINEGRAINED ANDESITE, MEDIUM GREY GREEN
34					90	2	7210 32-34	6	17	74	.3	nd	1	VW		PINK KSPAR ALTERATION 32.4-32.9
36					45	2	7211 34-36	6	19	93	.2	5	1.5	VW		41.2-42.1 COARSE ANDESITE PORPHYRY, PALE GREY-GREEN
38					90	2	7212 36-38	9	18	82	.4	nd	.5	VW		42.1-43.2 FINEGRAINED FRAGMENTAL ANDESITE, GREY-GREEN
40					90	2	7213 38-40	12	16	71	.2	10	1	W	br	
42					85	2	7214 40-42	7	16	60	.4	nd	2	W	br	43.27 END OF HOLE
44					90	1.2	7215 42-432	6	15	61	.2	5	.2	-	-	

HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUJADE LAKE

DDH 84-8

SHEET 1 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	ASSAY DATA PPM Cu	Pb	Zn	Ag	Au PPB	ALTERATION PY	CP	HEM	NOTES
0																
						1	7175 2-3M	4800	60	115	17.2	10				
2																0-2M CASING
					50	1	7176 3-4	6100	120	123	10.6	5		M		2-5.3 GREEN PORPHYRITIC ANDESITE. CONTACT GRADUAL OVER .2M
4						1	7177 4-5	3230	26	123	2.4	5				
					100	1	7178 5-6	3760	25	77	2.3	nd		M		5.3-8.5 MAROON PORPHYRITIC ANDESITE
6						1	7179 6-7	5300	20	56	3.1	10				
					100	1	7180 7-8	1050	19	47	.9	5		VW		8.5-9.2 FINEGRAINED PALE GREEN SILIC. TUFF, STRONG EPIDOTE
8						1	7181 8-9	49	15	58	.3	5				
					80	1	7182 9-10	142	30	126	.6	10	tr	M	W	9.2-9.9 FINEGRAINED GREY ANDESITE
10						2	7183 10-12	24	23	60	.3	5	tr	VW		9.9-12.0 COARSE GREY PORPHYRITIC ANDESITE; WHITE PLAGIOCLASE
12					100											
					100	2	7184 12-14	15	21	52	.3	nd	tr	VW		12.0-13.0 " " " " " ; PINK K SPAR
14																
					100	2	7185 14-16	11	23	70	.2	nd	tr	M	W	13.0-26.2 " " " " " ; WHITE PLAGIOCLASE
16																LOCAL PINK K SPAR ALTERATION.
					85	2	7186 16-18	12	25	85	.6	nd	tr	M	M	
18																
					95	2	7187 18-20	9	21	78	.4	10	tr	M	W	26.2-29.1 VERY COARSE ANDESITE PORPHYRY, MASSIVE, MAROON
20																
					95	2	7188 20-22	21	22	68	.6	15	.5	M	—	29.1-32.6 FINEGRAINED MAROON ANDESITE, LOCALLY PORPHYRITIC LOCALLY FRAGMENTS CAN BE RECOGNISED.
22																
					100	2	7189 22-24	20	23	82	.4	5	tr	M	—	2CM QUARTZ VEIN @ 29.9; WEAK CALCITE-QUARTZ CRACKLES
24																THROUGHOUT (0-34.4). ALL GREY ANDESITES ARE MEDIUM
					100	2	7190 24-26	24	22	73	.1	40	tr	M	M	TO STRONG EPIDOTE ALTERED ON FRACTURES & PLAGIOCLASE REPLACE-
26																MENTS.
					100	2	7191 26-28	3	18	35	.3	25	tr	-	W	
28																
					100	2	7192 28-30	5	22	65	.4	5	tr	-	M	2-7.5M: STRONG CHALCOPYRITE (~.5%) ON EPIDOTE & CHLORITE VEINLETS & FRACTURES; THIN WHISPS OF CHALCO
30																
					100	2	7193 30-32	4	24	70	.2	nd	tr	-	S	

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HI-TEC RESOURCE MANAGEMENT LIMITED

PROPERTY THUTADE LAKE

DDH 84-8

SHEET 2 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA ppm: SAMPLE NO. AND INTERVAL	Cu	Pb	Zn	Ag	Au ppb		ALTERATION: PY	EP	HEM	NOTES
32																	32.6 - 34.4 FRAGMENTAL MARGIN PORPHYRITIC ANDESITE
34					100	2.4	7194 32-34.4	5	23	63	.4	nd		tr	-	w	34.4 END OF HOLE.
36																	FAULT GOUGE & STRONG FRACTURES 2.3-3.6; 8.8 WITH HEMATITE; 9.2-9.9; 15.3-15.6; 15.9-16.9 WITH HEMATITE; 17.7 (10CM); 18.6-19.0; 24.8-25.1; 25.9-26.1 (WITH HEMATITE); 31.0-31.4 WITH STRONG HEMATITE; 31.9-32.2; 33.9-34.2
38																	
40																	
																	OFTEN CHLORITE ON FRACTURES; LOCAL EPIDOTE.
																	CALCITE CRACKLE ZONE WITH HEMATITE 24.3-24.5

VANGEOCHEM LAB LIMITED
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North Vancouver B.C. V7P 2S3
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PREPARED FOR: HI TEC RESOURCE

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-089 JOB NUMBER: 84189

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
7004	15	20	55	.2	5
7005	19	19	49	.3	nd
7006	9	16	54	nd	nd
7007	34	18	66	nd	5
7008	41	22	102	nd	5
7009	20	21	113	nd	nd
7010	14	20	112	.3	5
7011	39	24	103	.3	5
7012	8	20	60	.2	5
7013	9	18	60	nd	10
7014	4	19	75	.1	15
7015	5	20	78	.2	5
7016	4	20	74	.1	5
7017	11	31	96	.2	5
7018	4	30	143	.1	nd
7019	65	26	130	.2	nd
7020	44	35	157	.5	5
7021	56	53	150	.5	5
7022	193	169	267	1.2	nd
7023	182	22	78	.9	nd
7024	338	30	95	1	nd
7025	64	22	84	.2	5
7026	49	20	50	1.1	10
7027	114	18	100	.2	nd
7028	43	19	85	.1	nd
7029	41	20	116	.5	nd
7030	242	400	146	1.7	10
7031	57	27	112	1.2	5
7032	70	214	213	.7	10
7033	56	24	83	1.1	5
7034	41	23	77	.4	nd
7035	72	19	96	.3	5
7036	106	20	102	.2	5
7037	69	19	93	.3	nd
7038	76	15	67	.1	nd
7039	83	17	83	.3	nd
7040	10	16	81	.1	nd
7041	14	40	85	.6	nd
7042	6	19	112	.4	nd
DETECTION LIMIT	1	2	1	0.1	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-009 JOB NUMBER: 84189

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
7043	19	15	55	.1	nd
7044	10	19	95	.3	nd
7045	11	21	100	.6	nd
DETECTION LIMIT	1	2	1	0.1	5

VANGEOCHEM LAB LIMITED
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(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-014 JOB NUMBER: 84214

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
07058	69	41	125	1.5	5
07060	16	31	73	.5	nd
07061	11	34	62	.7	nd
07062	14	31	83	.6	20
07063	4	29	58	1.0	50
07064	46	11400	18500	17.7	10
07065	5	2800	3500	1.6	5
07067	105	10400	24500	21.8	15
07068	65	7500	10600	7.0	15
07069	52	30	132	1.2	nd
07070	34	33	56	.8	nd
07071	18	19	31	.7	10
07072	63	25	47	.8	5
07073	41	111	37	1.2	10
07074	6	32	15	.5	5
07075	9	32	15	.6	10
07076	12	30	20	.6	5
07077	123	23	15	.4	15
07078	247	16	14	.6	10
07079	51	16	30	.4	5
07080	10	17	27	.5	5
07082	16	25	41	.8	5
07084	32	35	198	.9	5
07086	670	55	1900	2.2	5
07087	750	63	2230	3.5	5
07089	52	46	92	.6	nd
07090	138	550	730	2.5	20
07091	81	30	87	.6	5
07092	79	37	95	.9	5
07093	28	30	79	.6	5
07094	325	34	80	.6	nd
07095	38	30	71	.4	5
07096	45	35	84	.5	10
07097	61	32	85	.6	nd
07099	43	34	82	.7	nd
07100	83	37	93	.5	nd
07103	55	54	78	.7	10
07105	20	22	37	.3	nd
07106	16	20	36	.5	10
DETECTION LIMIT	1	2	1	0.1	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-014 JOB NUMBER: 84214

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
07107	37	22	50	.8	15
07108	27	23	57	.4	nd
07109	22	27	47	.5	nd
07110	8	620	890	.7	nd
07114	5	59	150	.3	10
07115	3	1240	1620	.6	nd
07116	36	151	1320	1.3	5
07117	10	139	680	.6	10
07118	160	297	2130	6.6	5
07121	5	53	60	.4	5
07122	3	41	34	.3	10
07123	53	148	273	.7	nd
07125	54	166	161	1.1	10
07126	48	25	38	.5	15
07127	106	26	45	.5	nd
07128	120	17	32	.7	5
07132	4	41	46	.1	25
07134	4	39	61	.2	10
07135	2	40	95	.3	20
07136	2	36	390	.2	120
07138	54	37	60	.9	80
07139	60	23	22	.7	15
07140	17	18	22	.4	10
07142	5	21	30	.7	10
07143	5	20	19	.2	5
07144	27	18	20	.5	25
07145	12	17	20	.4	30
07147	10	15	24	.7	5
07148	37	15	39	.6	5
07151	58	20	63	.5	5
07152	34	22	46	.3	5
07153	4	42	38	.5	nd
07154	4	55	68	.2	nd
07155	3	42	66	.2	nd
07156	2	51	124	.3	nd
07157	5	252	221	1.5	nd
07158	3	153	720	.6	10
07159	8	361	1490	.4	nd
07160	25	5600	13400	6.3	5
DETECTION LIMIT	1	2	1	0.1	5

VANGEOCHEM LAB LIMITED
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(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE

NOTES: nd = none detected
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: is = insufficient sample

REPORT NUMBER: 84-45-014 JOB NUMBER: 84214

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
07161	119	94	1540	2.1	5
07162	64	177	1570	1.4	nd
07163	66	106	620	1.0	5
07164	59	60	275	.4	nd
07165	56	3380	10100	7.8	5
07166	39	640	850	1.0	5
07168	48	57	180	.6	nd
07169	45	40	182	.3	5
07170	132	45	185	.9	nd
07171	181	67	1500	1.1	nd
07172	105	250	2340	3.1	nd
07173	22	16	100	.5	nd
07174	98	41	1020	1.5	5
07175	4800	60	115	17.2	10
07176	6100	120	123	10.6	5
07177	3230	26	123	2.4	5
07178	3760	25	77	2.3	nd
07179	5300	20	56	3.1	10
07180	1050	19	47	.9	5
07181	49	15	58	.3	5
07182	142	30	126	.6	10
07183	24	23	60	.3	5
07184	15	21	52	.3	nd
07185	11	23	70	.2	nd
07186	12	25	85	.6	nd
07187	9	21	78	.4	10
07188	21	22	68	.6	15
07189	20	23	82	.4	5
07190	24	22	75	.1	40
07191	3	18	35	.3	25
07192	5	22	65	.4	5
07193	4	24	70	.2	nd
07194	5	23	63	.4	nd
DETECTION LIMIT	1	2	1	0.1	5

[redacted] LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: PACIFIC RIDGE RESOURCES CORP.

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-016 JOB NUMBER: 84244

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
87046	1	18	84	.5	5
87047	3	17	132	.3	10
87048	77	19	108	.4	nd
87049	189	24	91	.6	nd
87050	12	24	95	.4	nd
87051	18	16	86	.5	nd
87052	26	17	89	.5	nd
87053	174	16	95	.9	nd
87054	55	17	106	.6	5
87055	26	18	110	.5	nd
87056	89	23	144	1.0	5
87057	157	17	89	1.3	10
87059	26	21	78	1.0	5
87066	102	14100	30100	15.4	20
87081	8	49	65	.3	20
87083	157	80	460	1.0	nd
87085	64	19	146	.5	5
87088	30	30	139	.4	5
87098	45	19	70	.4	nd
87101	73	25	104	.6	10
87102	85	19	74	.2	10
87104	34	20	55	.2	5
87111	2	69	41	.1	nd
87113	4	60	197	nd	10
87119	81	710	7900	6.4	10
87120	5	162	620	1.0	10
87124	8	84	192	.3	65
87129	81	16	46	.4	10
87130	1	134	168	.1	nd
87131	3	46	40	.3	nd
87133	8	39	71	nd	5
87137	6	38	349	.1	nd
87141	6	11	26	.9	5
87146	10	15	24	.1	nd
87149	30	16	29	.1	nd
87150	33	12	26	.2	nd
87167	114	700	830	.9	5
87195	52	32	91	.4	25
87196	23	39	115	.7	10
DETECTION LIMIT	1	2	1	0.1	5

[illegible] LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: PACIFIC RIDGE RESOURCES CORP.

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-016 JOB NUMBER: 84244

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
87197	20	26	116	.7	15
87198	21	29	174	.6	20
87199	12	22	139	.6	5
87200	8	23	136	.5	10
87201	4	24	98	.3	5
87202	5	21	111	.1	10
87203	10	20	97	.2	5
87204	16	19	74	.2	5
87205	5	16	69	.2	10
87206	4	15	56	.4	10
87207	7	34	87	.6	30
87208	8	17	79	.3	5
87209	13	21	73	.5	5
87210	6	17	74	.3	nd
87211	6	19	93	.2	5
87212	9	18	82	.4	nd
87213	12	16	71	.2	10
87214	7	16	60	.4	nd
87215	6	15	61	.2	5
* 87172 7112	4	44	72	nd	5

APPENDIX II

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: PACIFIC RIDGE RESOURCES CORP.
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-017 JOB NUMBER: 84225

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
84 TVT 6	31	29	60	.3	5
84 TVT 7	32	55	125	.3	5
84 TVT 8	12900	3500	18800	13.0	30
84 TVL9	106	30	104	.3	nd
84 TVL10	72	29	85	.4	nd
84 TVT 11	23	64	149	.8	nd
84 TVT 12	1510	8000	41000	92.6	nd
84 TVT 13	26200	384	1570	45.8	5
84 TVT 14	68000	610	840	88.2	65
84 TVT 15	125	21	49	1.0	10
84 TVL 16	10	17	54	.5	5
84 TVT 20	25	82	95	.3	20
84 TVT 21	54	24	80	.4	10
84 TVT 22	870	16	76	2.3	15
84 TVT 23	650	15	75	.5	20
84 TVT 24	400	15	74	1.0	30
84 TVT 25	22	16	81	.4	30
84 TVT 26	490	11	56	.6	5
84 TVT 27	7	10	51	.2	5
84 TVT 28	1000	34	122	1.6	nd
84 TVT 29	15	16	56	.4	nd
84 TVT 30	18	19	43	.3	nd
84 TVT 31	19	27	41	.4	nd
84 TVT 32	16	18	46	.4	nd
84 TVT 33	16	16	73	.4	nd
84 TVT 55	102	52	366	1.2	nd
84 TVT 56	135	59	127	2.5	10
84 TVT 57	129	41	198	1.2	nd
84 TVT 58	1920	79	383	11.4	30
84 TVT 59	5	11	9	1.2	10
DETECTION LIMIT	1	2	1	0.1	5

RON 142 LAKE 1-4

[illegible] LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: PACIFIC RIDGE RESOURCES CORP.
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-017 **JOB NUMBER: 84225**

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
84 TVT 6	31	29	68	.3	5
84 TVT 7	90	65	125	.3	5
84 TVT 8	12900	9500	18000	13.0	30
84 TVL9	106	30	104	.3	nd
84 TVL10	72	29	85	.4	nd
84 TVT 11	23	64	149	.8	nd
84 TVT 12	1510	8000	41000	92.6	nd
84 TVT 13	26200	384	1570	45.8	5
84 TVT 14	60000	610	840	88.2	65
84 TVT 15	125	21	49	1.0	10
84 TVL 16	10	17	54	.5	5
84 TVT 20	25	82	95	.3	20
84 TVT 21	54	24	80	.4	10
84 TVT 22	870	16	76	2.3	15
84 TVT 23	650	15	75	.5	20
84 TVT 24	400	15	74	1.0	30
84 TVT 25	22	16	81	.4	30
84 TVT 26	490	11	56	.6	5
84 TVT 27	7	10	51	.2	5
84 TVT 28	1000	34	122	1.6	nd
84 TVT 29	15	16	56	.4	nd
84 TVT 30	18	19	43	.3	nd
84 TVT 31	19	27	41	.4	nd
84 TVT 32	16	18	46	.4	nd
84 TVT 33	16	16	73	.4	nd
84 TVT 55	102	52	366	1.2	nd
84 TVT 56	135	59	127	2.5	10
84 TVT 57	129	41	198	1.2	nd
84 TVT 58	1920	79	383	11.4	30
DETECTION LIMIT	1	2	1	0.1	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: PACIFIC RIDGE RESOURCES CORP.

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-019 JOB NUMBER: 84280

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
84 TVT 102	171	49	170	3.0	20
84 TVT 103	84	37	190	.1	5
84 TVT 104	34	29	92	.8	25
84 TVT 105	36	19	104	.1	30
84 TVT 106	9	17	46	.1	15
84 TVT 107	14	5	75	.1	20
84 TVT 108	23400	1240	9100	73.9	70
84 TVT 109	640	7300	27800	92.1	20
DETECTION LIMIT	1	2	1	0.1	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-010 JOB NUMBER: 84187

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
84 TST 178	224	20	70	.7	15
84 TST 201	20	60	55	.6	5
84 TBL - 34	50	48	153	.5	5
84 TBL - 35	79	97	209	.6	5
84 TBL - 36	115	54	245	.9	nd
84 TBL - 37	76	31	96	.5	5
DETECTION LIMIT	1	2	1	0.1	5

LAKE 1

LAKE 2

LAKE 4

RON 1

RON 2

LAKE 3

LAKE

THUTADE

DUNCAN LAKE

Approx. boundary of soil survey coverage (See Fig. 11)

DDH 84-1

DDH 84-2

DDH 84-3

DDH 84-4

DDH 84-5

MAIN ZONE

DDH 84-6

DDH 84-7

DDH 84-8

84TVT-1 90, 65, 125, .3, 5

84TVT-6 31, 29, 50, .3, 5

84TVT-7

84TVT-8 12,300, 3500, 18,800, 13.0, 30 Cu-Pb-Zn

84TVT-10 16, 19, 45, .3, nd

84TVT-16 10, 17, 54, .5, 5

84TVT-20 25, 52, 95, .3, 20 tr Cu in sil. marble

84TVT-29 15, 16, 56, .4, nd

84TVT-31 19, 27, 41, .4, nd

84TVT-32 15, 18, 46, .4, nd

84TVT-33 16, 16, 73, .4, nd

84TVT-55 5, 11, 9, 1.2, 10

84TVT-56 102, 52, 366, 1.2, nd
135, 59, 127, 2.5, 10
129, 41, 198, 1.2, nd
1920, 79, 383, 11.4, 30

PRIORITY SHOWING

84TVT-107 14, 5, 75, .1, 20

84TVT-108 23,400, 1240, 9100, 73.9, 70

84TVT-109 640, 7300, 27,800, 92.1, 20

84TVT-14 69,000, 610, 840, 88.2, 65

84TVL-9 106, 30, 104, .3, nd

84TVL-10 72, 29, 85, .4, nd

84TVL-11 23, 64, 149, .9, nd

84TVL-37 76, 31, 96, .5, 5

84TVL-36 115, 54, 245, .9, nd

84TVL-34 50, 48, 153, .5, 5

84TVL-35 79, 97, 209, .6, 5

sil. tuff

tuff, congl., minor and.

tuff, congl.

sil.

sil. dacite

gray, f.g

float Pb, Zn, Cu

x 1802

1698 x

1301±

1121±

LEGEND

TRIASSIC (TAKLA GROUP)

1, 1a — 1) Andesite - including fragmental andesite; 1a) Dacite

2 — Conglomerate, minor tuff - includes thin andesite flows

PERMIAN (ASITKA GROUP)

3 — Marble

JURASSIC

4 — Monzonite

Outcrop

Fault - defined, inferred

Geological contact - defined, inferred

Strike, dip

Sub-outcrop

DDH — Diamond drill hole

84TVT-8 — Rock chip sample number; Rock chip sample location

84TVL-9 — Silt sample location; Silt sample number

ASSAY VALUES

5, 11, 9, 1.2, 10 ppm Cu, Pb, Zn, Ag, ppb Au

nd none detected

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,022

0 1000 2000 3000 FEET

0 250 500 750 1000 m

PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

OMINECA M.D. 94E/2 W

LAKE 1-4, RON 1 & 2 CLAIMS

GEOLOGY
and
DIAMOND DRILL HOLE LOCATIONS

HI-TEC RESOURCE MANAGEMENT LIMITED

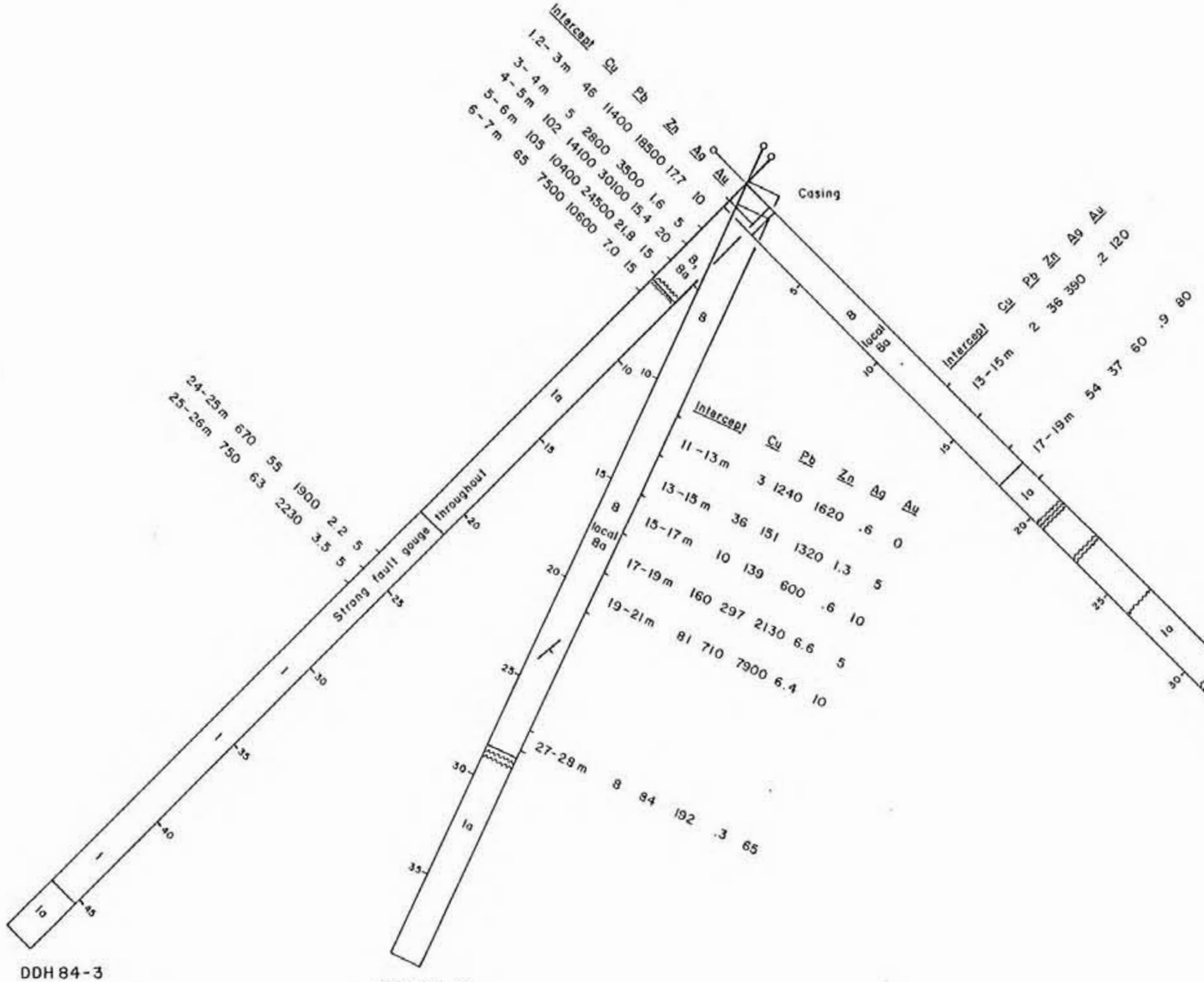
DWN. BY:

CHK. BY:

SCALE: 1:10,000

DATE: AUG./84

FIGURE No. 3



For LEGEND - see DDH 84-1 (Fig. 4)

Note: DDH's 84-3, 4 & 5 are plotted true length not apparent length.

0 5 10
Meters

PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

DDH' 84-3, 84-4 & 84-5

Hi-Tec Resource Management Limited

DAN BY
CHK BY
SCALE 1:200

DATE SEPT/84
FIGURE NR. 6

LAKE 1

LAKE 2

RON 1

THUTADE LAKE

1160 1140 1200 1180 1220 1240 1260

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,022

LEGEND

Soil sample number
Soil sample location

Rock chip sample number and location

ASSAY VALUES

20, 60, 55, .6, 5 ppm Cu, Pb, Zn, Ag, ppb Au

0 500 1000 1500 feet

0 100 200 300 400 500 m

PACIFIC RIDGE RESOURCES CORP.

THUTADE LAKE PROJECT

OMINECA M.D. 94E/2 W

LAKE 1-4, RON 1 & 2 CLAIMS

SOIL GEOCHEMISTRY

Sample Location Map

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN. BY:
CHK. BY:
SCALE: 1:5000

DATE: AUG./84

FIGURE Nº. 12