86-68_15083

REPORT ON

GEOCHEMICAL AND GEOPHYSICAL

SURVEYS CONDUCTED ON

THE RATH 9 MINERAL CLAIM

Lat. 50°44.3' Long. 117°43'

REVELSTOKE M.D., BRITISH COLUMBIA

N.T.S. 82K/12E

by

Frank Di Spirito, B.A.Sc., P.Eng.

and

Douglas Wood, B.Sc.

September 30, 1985

Owner: Golden Rock Resources Ltd.

Operator: Penroc Holdings Ltd.

SUMMARY

The Golden Rock Resources Ltd. Rath 9 property is located approximately 85 kilometers by road southeast of Revelstoke, B.C. within the Revelstoke Mining Division.

A mineral exploration program consisting of grid soil geochemistry and VLF-EM and magnetometer geophysical surveys was conducted during the month of July, 1985.

Anomalous soil concentrations of trace gold, silver, lead, zinc, and arsenic and evidence of VLF-EM conductors were found within Paleozoic to Mesozoic age phyllites and phyllitic quartzites.

Upon reviewing the data included in this report, it is recommended that further exploration work consisting of detailed scale geochemical sampling, geological mapping, and a VLF-EM geophysical survey be conducted over the property and followed up by diamond drilling and trenching programs over target areas (if results of detailed surveys warrant) to determine the economic potential of the Rath 9 property.

Respectfully submitted,

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA F. DISPIRITO

Frank DiSpirito, B.A.Sc., P.Eng.

Douglas Wood, B.Sc.

September 30, 1985

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INTRODUCTION

Pursuant to a request from the directors of Golden Rock Resources Ltd., a mineral exploration program was completed over the Rath 9 property during July, 1985.

The purpose of this report is to present the results of grid soil geochemistry, geological mapping, and geophysical survey work performed, and to relate these results to potential lead-zinc-silver mineralization reportedly present in the area.

LOCATION AND ACCESS

The Golden Rock Resources Ltd. Rath 9 property comprises 16 metric claim units within the Revelstoke Mining Division, B.C.(Figure 1).

The center of the property is located at approximately 50 deg. 44 min. North latitude and 117 deg. 40 min. West longitude. The claim is some 45 km southeast of Revelstoke, B.C. near the abandoned townsite of Beaton B.C.

Access to the property from Revelstoke B.C. is via Provincial Highway #23 to the Shelter Bay-Galena Ferry on Upper Arrow Lake. Once on the east side of the lake proceed north through Galena Pass on Provincial Highway #31. At Armstrong Lake, turn left and proceed to Beaton. Total road distance from Revelstoke to the property is approximately 85 km.

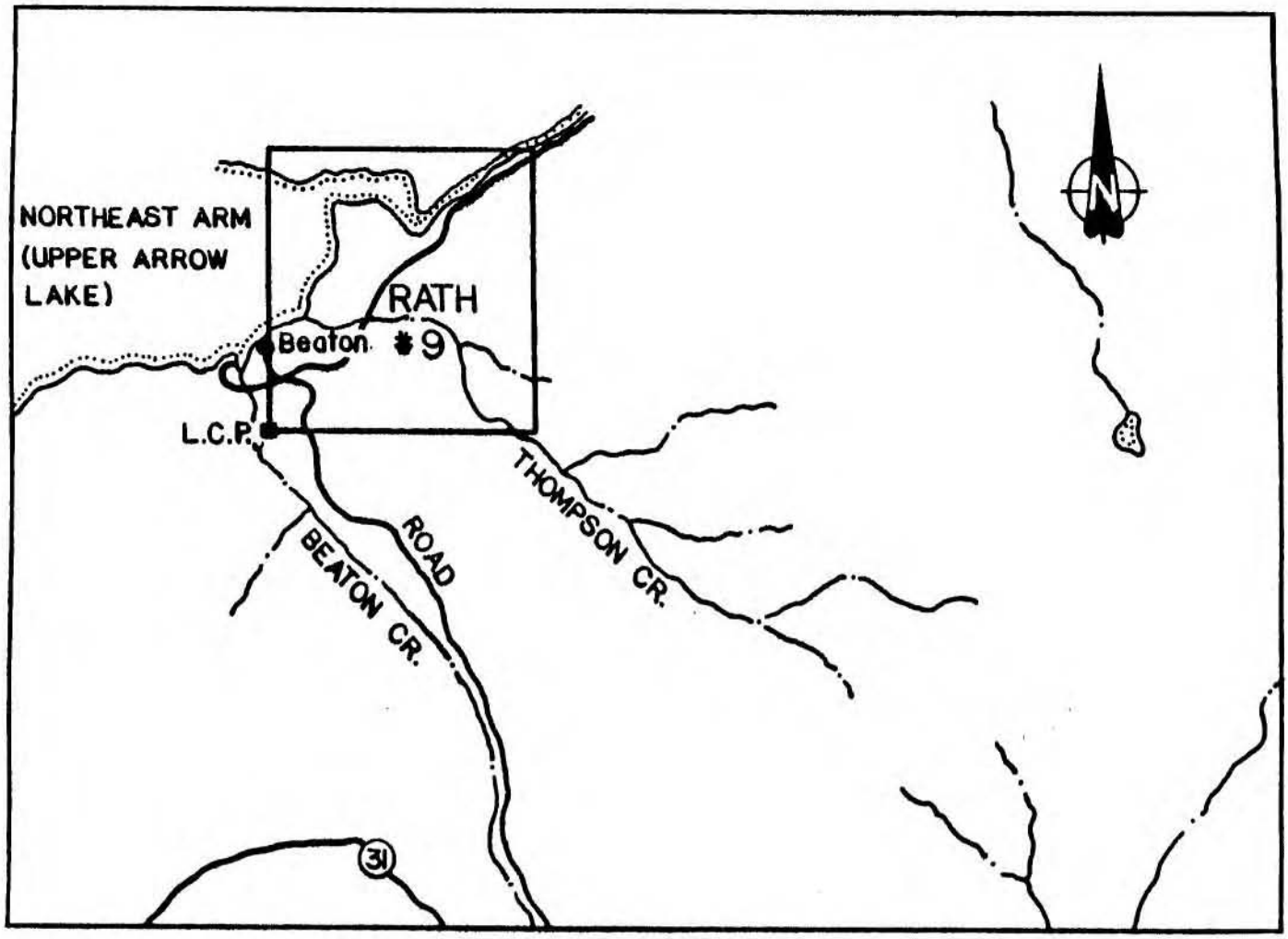
TOPAGRAPHY AND CLIMATE

The Rath 9 property is located in an area of moderate terrain within the Selkirk Mountains of B.C. Elevations range from 430 meters (1400 feet) along the shore of Upper Arrow Lake and rises to approximately 740 meters (2400 feet) in the southeast portion of the property.

The western and northern portions of the property are easily accessible by good quality logging roads. An old miners pack trail gives access to the southeast corner of the property.

Outcrop exposure is abundant over about 1/3 of the property, especially within the north and east portions and along the lake shore at the southwest corner of the property. The north-central and most low-lying areas of the claim, near the mouth of the Incomappleaux (Fish) River, are covered to an estimated depth of up to 100 meters by glacial and fluvial gravels derived from the northeast.

The property area has typical interior mountain climate. Most precipitation falls as snow during the winter months, and less often as rain during the summer. Temperatures within the valley range from an average minus 15 degrees C during the



GOLDEN ROCK RESOURCES LTD.

RATH 9 CLAIM

FIGURE 1

LOCATION MAP

REVELSTOKE M.D.

SCALE
1 : 50,000

0 1 2KM.

N.T.S. 82K-12E

D.H. WOOD SEPT. 30, 1985

winter (upper Arrow Lake rarely freezes over completely) to over 40 degrees C during the hot summer months. Areas of the property at higher elevations tend to have an earlier winter and deep winter snowfalls.

Vegetation is predominantly open fir and hemlock at higher elevations and spruce and hemlock near lake level.

HISTORY

The Rath 9 mineral property of Golden Rock Resources Ltd. is located in the historic West Kootenay region of British Columbia. Prospecting and mining activity began in this area during 1860's when the a party of prospectors reportedly tested gravels near the mouth of the Incomappleaux River. Although they reported no significant finds in the area, H.C. Gunning of the Geological Survey of Canada reported in 1929 that "apparently their efforts were not rewarded and the subsequent rich finds on French and McCullock Creeks, 100 miles north, tended to turn all eyes in that direction".

During the late 1880's the area became the focus of extensive prospecting activity when significant silver and gold deposits were found in the areas due east and south of the Rath 9 property.

Fyles and Eastwood of the B.C. Department of Mines in their 1962 report on the Ferguson area (approximately 20 km east of the Rath 9), divided mineral deposits of the Trout Lake area into three distinct belts. They named these the lime dike belt, the central mineral belt, and the southwest mineral belt.

The lime dike belt and the central mineral belt contain the majority of the silver deposits in the Trout Lake-Ferguson area. The lime dike belt contains lead-silver ores as replacement deposits in the lower Paleozoic Lardeau Group rocks. The deposits in the central mineral belt are found within fault related quartz veins within Lardeau Group rocks. These deposits include the silver-rich Silver Cup deposit which between 1895 and 1941 produced 22,544 tons of ore (20,451.9 tonnes) containing 4,978 ounces of gold (141,126.3 grams), 1,419,339 ounces silver (40,238,260.7 grams), 5,684,204 pounds of lead (2578 tonnes), and 110,447 ponds of zinc (50.10 tonnes).

The southwest mineral belt is of particular interest for the Rath 9 claim in that significant silver-copper-lead deposits are located within rocks belonging to the Mississippian age Milford Group rocks. These deposits, located west of Trout Lake, include the Lucky Boy/Horseshoe mine which between 1902 and 1906 produced 467 tons (423.6 tonnes) of high grade ore containing 97,467 ounces silver (27,631,189.5 grams), 4,294 pounds of copper (1.948 tonnes), and 247,481 pounds of lead (112.3 tonnes). The Winslow claim, also within the southwest mineral belt, produced 1,788 tons of ore (1622.7 tonnes) between 1934 and 1941 which yielded 596 ounces gold (16,896.6 grams), 312

ounces silver (8,845.2 grams), 477 pounds lead (.2164 tonnes), and 28 pounds zinc (.0127 tonnes).

Mineralization within the southwest mineral belt is classified by Gunning (1929) as most probably contact metamorphic deposits due to the close proximity of the deposits to the Jurassic aged Kuskanax Batholith.

At the time that mining activity was getting underway in the Trout Lake area, significant gold-quartz vein deposits were discovered around the Camborne area (approximately 10 km northeast of the Rath 9 claim). These deposits are described by Gunning (1929) as occurring in fissure veins up to 6 meters wide (20 feet). Pyrite in these veins yielded assays of up to 1.61 oz/ton gold (41.4 grams/tonne). The deposits of the Camborne area are found in sheared rocks of the Lardeau Group.

Other mineralization of interest in the immediate area of the Rath 9 claim include the Royal Canadian claim located on the northern shore of Galena Bay and the Great Western claim group located the western shore northeast arm of Upper Arrow Lake approximately 7 Km west of the Rath 9.

The Royal Canadian claim is a gold prospect. However, that is the only information the authors were able to obtain from published literature. The Great Western group of claims is a prospect which was staked along the trend of a granitic dike. Mineralization on the Great West group is predominantly contained within the dike and consists of pyrite and galena in quartz veins trending parallel to the regional northwest-southeast structural trend. Neither the Royal Canadian nor Great Western group show any record of production.

There is no record of previous mining or exploration work being conducted on the Rath 9 mineral claim property.

REGIONAL GEOLOGY

The Rath 9 property lies within the Kootenay Arc, a northwesterly trending large scale anticlinorium bounded on the east and west by steeply dipping plate tectonic scale faults. Rocks within the Kootenay Arc are dominated by Precambrian to Mesozoic aged sedimentary and volcanic rocks which have subsequently been intruded by Mesozoic to Cenozoic age granitic intrusions.

These rocks have undergone at least four phases of deformation related to deep-seated plate tectonic forces. The first phase, which deforms Precambrian to lower Paleozoic rocks (i.e. younger than Milford Group rocks) is observed on the outcrop scale as rootless, isoclinal folds with well developed axial plane foliation. The second phase is seen on the outcrop scale as open to tight folds with a crenulation axial-plane cleavage. The third phase of deformation is similar to the second phase and seen as open to tight folds with crenulation cleavage. The fourth phase can be seen in phyllitic rocks as kink folds of various orientation.

The Rath 9 property lies within a second deformation phase synform which extends from the Trout Lake area NW to the north side of the Northeast Arm of Upper Arrow Lake.

Varying degrees of metamorphism ranging from lower greenschist grade (at the low end) to amphibolite grade are seen within the Kootenay Arc.

In the area of the Rath 9 claim hand specimens indicate that metamorphism reached lower to mid greenschist grade. Minor secondary biotite and tourmaline were observed in areas on and near the property. Pelitic rocks in the area are phyllitic.

The major rock units in the area of the Rath 9 claim are included in figure 2 (regional geology) as follows from youngest to oldest:

Galena Bay Stock

Cretaceous aged muscovite-biotite granodiorite and quartz-monzonite (the Galena Bay Stock is located on figure 2 on the SW trending peninsula at the western end of the Northeast Arm of Upper Arrow Lake).

Kuskanax Batholith

A lower Cretaceous aged foliated and/or lineated leucocratic quartz-monzonite (both the Galena Bay Stock and the Kuskanax Batholith are represented in figure 2 as the patterned areas labeled intrusions).

Milford Group

Upper Paleozoic to lower Mesozoic aged phyllite and phyllitic quartzite.

Lardeau Group

Lower Paleozioc aged phyllite, quartzite and metavolcanics (most Lardeau Group rocks in the immediate area of the Rath 9 claim are quartzites.

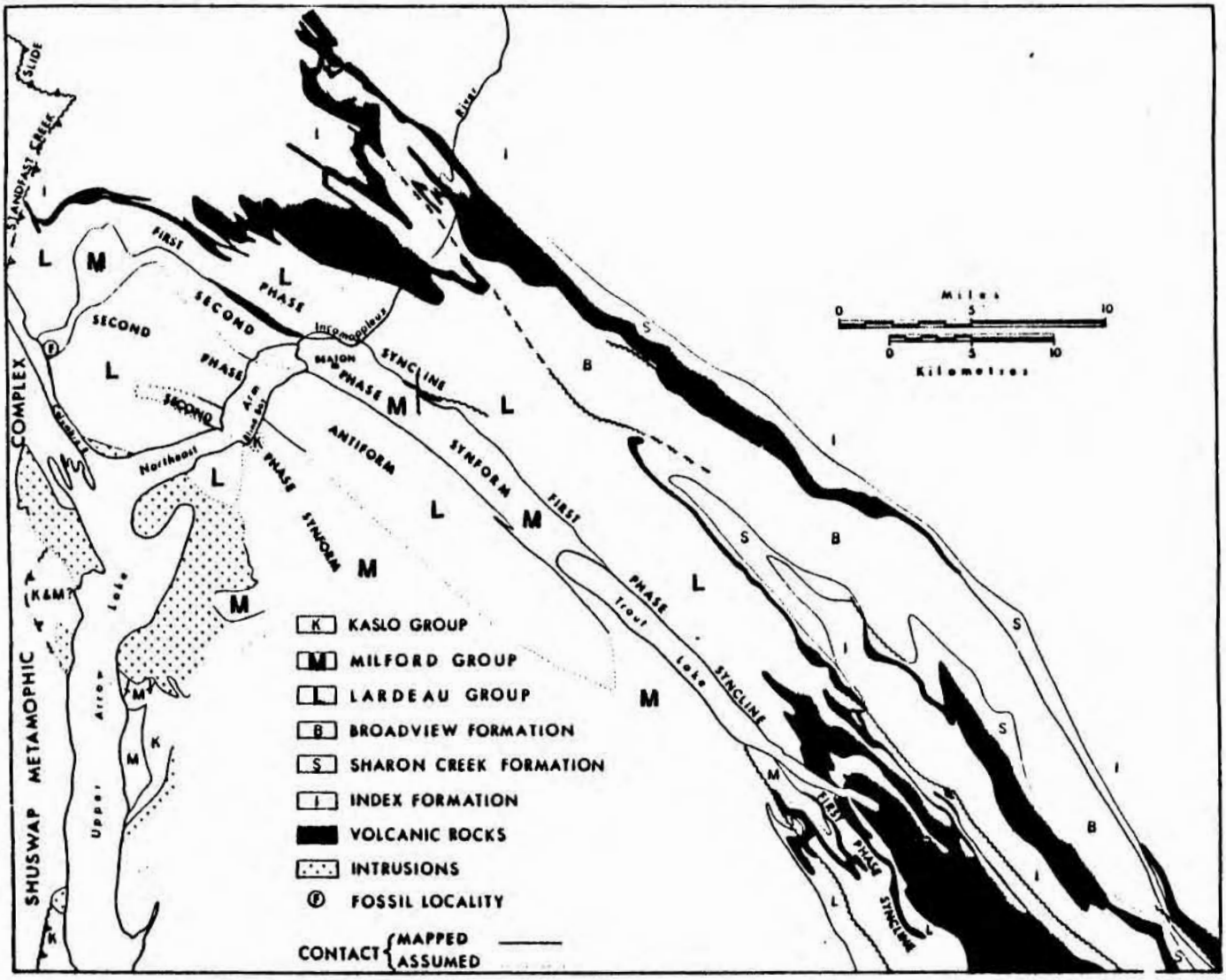


Figure 2 : Regional Geology

Lardeau Map Area : 82K/W½

(after P.B. Read, 1977)

SURVEY PROCEDURES

Geochemical and geophysical surveys were carried out over the Rath 9 property and tied into an established chain and compass survey grid emplaced during autumn 1984.

A magnetometer survey was conducted using a Scintrex model MP-2 proton procession magnetometer measuring magnetic flux in gammas. Station readings were taken at 25 meters. A base-station was maintained and lines were looped to allow for correction of diurnal variation. Maxium drift was generally on the order of 50 gammas, so correction was not deemed necessary. Magnetometer data is presented as figure 5 with readings above an arbitrary datum of 58,000 gammas (magnetic data map) and in raw form as Appendix C.

A VLF-EM survey was conducted using a Sabre model 27 receiver tuned to the Annapolis, Maryland transmitter station. Field strength and dip angle readings were taken at 25 meter intervals on established grid lines. Equipment failure resulted in only two lines being completed (lines 20E and 18E). Dip angle values for these lines were plotted as profiles (figure 6).

Soil geochemical samples were collected from the 'B' horizon (approx. 20 to 30 cm. depth) at 50 meter intervals on the established grid lines and samples were analysed for trace gold (AA), silver (ICP), arsenic (ICP), lead (ICP), zinc (ICP), and antimony (ICP) by Acme Analytical Laboratories in Vancouver, B.C. The results of soil geochemistry are presented in this report as figure 4 (Au, Ag, As) and figure 5 (Pb, Zn) and in Apendix B (Assayer's Results).

PROPERTY GEOLOGY

Rock types on the Rath 9 property, as mapped by the authors during autumn 1984 have been included as open (phyllite unit) and stippled (phyllitic quartzite) outcrop areas on figures 3, 4, and 6. For a more detailed description of geology on the Rath 9 claim the reader is referred to the November 1984 Geology Report on the Rath 9 Claim.

Rock units on the property are divided into two mappable units, rusty weathering dark grey phyllite and light grey to reddish or orange weathering phyllitic quartzite.

The phyllite unit is included by regional authors as being within the Missippian aged Milford Group. The quartzite unit, as seen within the field, resembles phyllitic quartzites of the Milford Group, but may equivalent to lower Paleozoic aged Lardeu Group quartzites which are similar in appearance.

Pyritic quartz vein mineralization was noted within road-cut and especially shoreline outcrops of the phyllite unit as well as within the quartzite exposures in the northern and eastern portions of the property.

The areas of the property near the mouth and along the banks of the Incomappleux River and along banks of streams are underlain for the most part by sand and gravel derived from upstream.

PROPERTY GEOCHEMISTRY

A total of 324 soil samples were analysed for trace gold (AA), silver (ICP), arsenic (ICP), lead (ICP), zinc (ICP), and antimony (ICP). The results of geochemical analysis are presented in this report as Figures 3 (Au, Ag, As) and 4 (Pb, Zn).

Statistical analysis was performed using the graphical technique of LePeltier (1969). Thresholds for determining anomalies were chosen at the geometric mean (background) plus 2 standard deviations. Amounts greater than background plus 3 standard deviations are considered highly anomalous.

Analysis

Elem	b	b + s	b + 2s	b + 3s
Au	2 ppb	4 ppb	9 ppb	19 ppb
n=324		Threshold= 9 ppb		

Statistical analysis for trace gold indicates the presence of two populations. Concentrations greater than 10 ppb belong to an anomalous population and samples lower than 10 ppb belong to the background population. The statistically derived threshold of 9 ppb is used here to distinguish anomalous samples.

Elem	b	b + s	b + 2s	b + 3s
Ag	.4 ppm	.8 ppm	1.5 ppm	3.2 ppm
n=324		Threshold=1.5 ppm		

Analysis of silver geochemistry indicates a similar population distribution to that for gold with background and anomalous populations. The derived threshold of 1.5 ppm separates the two populations.

Elem	b	b + s	b + 2s	b + 3s
As	9 ppm	15 ppm	25 ppm	43 ppm
n=324		Threshold= 25 ppm		

Arsenic concentrations in soils show a statistically derived three population distribution. Two background populations and an anomalous population can be extrapolated from a log probability plot of the results. The anomalous population can be separated from the two background populations by using the derived threshold of 25 ppm.

Elem	b	b + s	b + 2s	b + 3s
Pb	20 ppm	32 ppm	51 ppm	82 ppm
n=324		Threshold= 51 ppm		

Analysis for lead in soils indicates the presence of three separate populations on the Rath 9 property, two background populations and an anomalous population. The derived threshold of 51 ppm separates the anomalous population from the background populations.

Elem	b	b + s	b + 2s	b + 3s
Zn	120 ppm	210 ppm	350 ppm	620 ppm
n=324		Threshold= 350 ppm		

Zinc statistical analysis shows a two population distribution on the Rath 9 property, a background and an anomalous population. The two populations can be separated by the derived threshold of 350 ppm.

Elem	b	b + s	b + 2s	b + 3s
Sb	2 ppm	------	------	------
n=324		Threshold= N/A		

The variation of antimony concentrations in soils was found to be too limited to perform statistical analysis. Antimony was included for analysis to test for the presence of copper and poly-metallic mineral deposits on the Rath 9 property. The presence of only background values for antimony indicates that copper and to a lesser degree poly-metallic deposits may not be present on the property.

Discussion

Trace element analysis of soil samples from the Golden Rock Resources Ltd. Rath 9 property indicates that there is at least one zone of anomalous gold + silver + lead + zinc on the Rath 9 mineral claim.

The distribution of soil anomalies occurs as a roughly easterly and northeasterly trending zone and could be associated with A-C type extensional fractures or faults.

The most easily seen trend of anomalies is located in the southwest portion of the property. This trend extends from line 0E between 3+00N and 5+00N toward line 8E between 4+50N and 8+50N. Anomalous samples from this trend include those taken at station L0E-3+50N (355 ppm zinc, 8.0 ppm silver), station

L0E-3+00N (365 ppm zinc, 7.2 ppm silver), station L2E-6+00N (65 ppm arsenic, 38 ppb gold), station L8E-4+50N (2.5 ppm silver), and station L8-7+50N (35 ppb gold).

These anomalous samples correlate well with pyrite mineralized quartz veins noted within outcrops of phyllite underlying the area.

Anomalies located in the northern areas of lines 6E, 8E, and 10E such as those at station L10E-11+50N (615 ppm lead, 3.3 ppm silver) are probably associated with underlying gravel and sand derived from the Incomappleux River watershed.

Anomalies located in the NE portion of the property correlated well with observed slightly pyritiferous refolded quartz stringer veins observed within the phyllitic quartzite underlying this area.

Samples taken at stations L20E-18+00N (50 ppb gold) and L18E-16+75N (36 ppb gold) appear from field relationships to also be related to sediments derived from the Incomappleux River watershed.

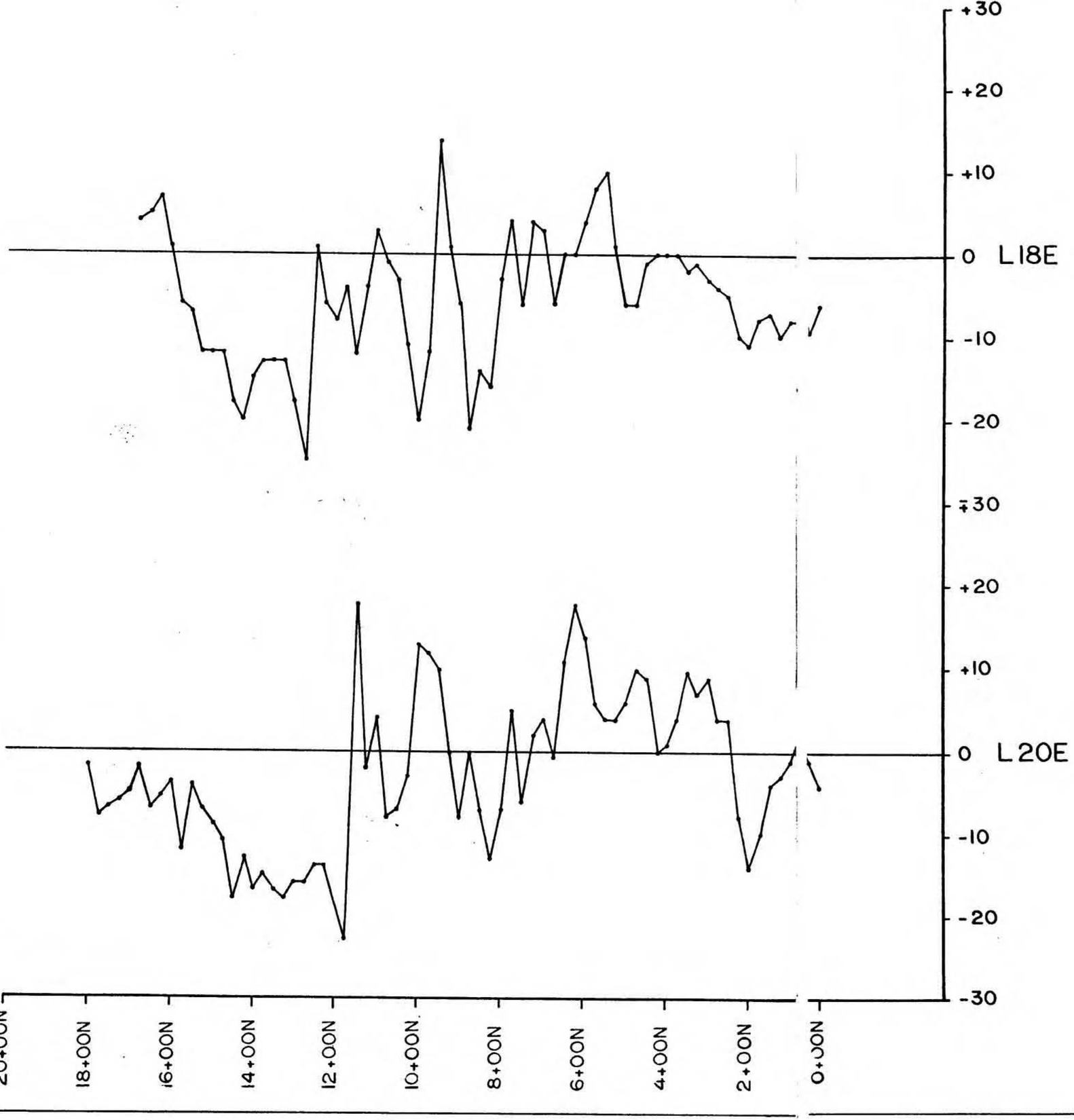
GEOPHYSICS

Geophysical work conducted on the Rath 9 property included magnetometer and VLF-EM surveys. Equipment failure resulted in the partial completion of the VLF-EM survey with lines 20E and 18E being completed. The results of these two lines have been included in this report as figure 5 (VLF-EM dip angle profiles). The results of the magnetometer survey are presented in this report as figure 6 (magnetic data map) and Appendix C (raw data).

Visual analysis of dip angle profiles for lines 18E and 20E indicate the presence of several conductive zones within the eastern portion of the Rath 9 property. The most notable of these conductors are between stations 11+50N and 11+75N on line 20E, between stations 6+25N and 8+25E on line 20E, between stations 2+00N and 2+50N on line 20E, between stations 9+50N and 9+75N on line 18E, and between stations 5+00N and 5+50N on line 18E.

A correlation can be seen between soil geochemistry lead and zinc anomalies on line 18E, between stations 10+00N and 11+50N, and a conductor at 9+75N. A similar correlation can be seen on line 20E between soil geochemistry silver and gold anomalies located at stations 3+00N and 3+50N and a conductor between stations 2+00N and 2+50N.

The results of the magnetometer survey appear to be inconclusive. Variations in magnetic field strength on the property were generaly on the order 10's to 100's of gammas over the entire property. Mineralization when accompanied by a magnetic signature generally result in magnetic highs on the order several hundreds to thousands of gammas above background. The values seen on the Rath 9 property are interpreted as background.



GOLDEN ROCK RESOURCES LTD.

RATH # 9 CLAIM

FIGURE 5

VLF-EM DIP ANGLE PROFILES

BY DOUGLAS WOOD B.SC

SCALE: 1=10,000

0 100 200 300 400

METERS

SEPTEMBER 30, 1985

N.T.S. 82 K12E

CONCLUSIONS AND RECOMMENDATIONS

The results of soil geochemistry and geophysical surveys indicate that potentially economic lead-zinc-silver and possible gold mineralization may be present on the Golden Rock Resources Ltd. Rath 9 mineral claim.

Anomalous trace element soil geochemistry concentrations, accompanied by apparent VLF-EM conductors were found to form a correlation in the eastern portion of the property where VLF-EM lines were surveyed. Geochemical anomalies in the southwest portion of the property appear to follow a roughly east-west trend between grid lines 0E and 8E.

The most interesting soil anomalies were found to be associated with pyritic quartz vein mineralization within phyllites located near the shore of Upper Arrow Lake on lines 0E, 2E, and 4E. Anomalies on lines 18E and 20E are also associated with quartz vein mineralization, except that here the host rocks are phyllitic quartzites.

It is felt that the results contained in this report are encouraging enough to warrant follow-up studies by Golden Rock Resources Ltd.

The recommended exploration program for the Rath 9 claim, as outlined in authors' November 1984 report, has been ammended as follows:

Phase II

1. Soil and rock geochemical sampling and geological mapping be conducted at a detailed scale (lines placed between existing grid lines with samples taken at 50m stations for a total of approximately 16 Km of lines and 320 soil samples and 100 rock or vein samples).

2. A VLF-EM survey be completed over the existing grid lines and conducted over the detailed grid (25 meter by 100 meter grid spacing) to confirm the presence of conductors inferred in this report and to determine whether VLF-EM will be helpful in outlining possible mineralization on the property.

Phase III

1. Contingent on the results of recommendations 1 and 2 for Phase II, a program of bulldozer trenching and sampling be conducted over anomalies outlined by this report and detailed surveys to be completed preparatory to diamond drilling.

2. Should trenching results warrant further exploration work, Golden Rock Resources should begin a program consisting of upto 1200 meters diamond drilling to determine the extent and grade of any mineralization present.

Respectfully submitted,

Frank D'Spirito B.A.Sc., P.Eng.

Douglas Wood, B.Sc., A.G.A.C.

September 30, 1985

ESTIMATED COSTS OF RECOMMENDED PROGRAM

RATH 9 PROJECT

Phase II

VLF-EM survey	$ 4,000.00
Geological mapping and prospecting	2,000.00
Geochemical survey	12,000.00
Transportation (4x4 truck)	2,000.00
Food and accomodation	3,000.00
Field supplies and equipment	1,500.00
Engineering and supervision	5,000.00
Report preparation	1,500.00
	$31,000.00

Phase III (contingent on Phase II results)

Logistics and Supervision	10,000.00
Trenching of anomalous areas	15,000.00
Diamond drilling 1200 meters @ $100.00/ meter	120,000.00

Total Cost (phase I & II) **$176,000.00**

REFERENCES

Publications and reports, public and private, available to the writer and containing information pertinant to the property area and subject of this report are as follows:

Bacon, W.R. (1978)

Lode gold deposits in Western Canada; CIM Bulletin, Vol. 71, July 1978, p 96-104

Barr, D.A. (1980)

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Renshaw, R.E., P.Eng. (1984)

Report on the Rath 9 Claim, June 1984

Rose, A.W., Hawkes, H.E. and Webb, J.S. (1979)

Geochemistry in Mineral Exploration; Academic Press, 657p.

Tipper, H.W., Woodsworth, G.J., and Gabrielse, H. (1981)

Tectonic Assemblage Map of the Canadian Cordillera and Adjacent Parts of the United States of America; Geological Survey of Canada, Map 1505a

CERTIFICATE AND CONSENT

I Frank Di Spirito of 1319 Shorepine Walk, Vancouver, British Columbia, do hereby certify that:

(1) I am a graduate of the University of British Columbia where I obtained a B.A.Sc. (Geological Engineering) in 1974.

(2) I am a member in good standing of the Association of Professional Engineers of B.C.

(3) Since graduation I have been involved in numerous exploration programs in Canada and the western U.S.

(4) I have no direct, indirect or contingent interest in the property described herein or in the securities of Golden Rock Resources Ltd. nor do I expect to receive any.

(5) I have reviewed the data and interpretations presented in this report, which is based on field studies conducted by D.H. Wood and Penroc Holdings Ltd., and I concur with the findings. This report may be utilized by Golden Rock Resources Ltd. for inclusion in a statement of material facts or for financing purposes.

Dated in Vancouver, Province of British Columbia this 30th day of September, 1985.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. DISPIRITO

Frank Di Spirito, B.A.Sc., P.Eng.

CERTIFICATE

I, Douglas Harold Wood, of the city of Vancouver, Province of British Columbia, hereby certify as follows:

1. I am a Consulting Geologist with offices at 808-1844 Barclay Street, Vancouver, British Columbia, Canada.
2. I graduated from the University of British Columbia in 1981 and hold the degree of Bachelor of Science in Geology.
3. I am an Associate in good standing of the Geological Association of Canada.
4. I worked as a Geological Assistant each summer from May 1977 to September 1981 with Cities Service Minerals Ltd. and the Geological Survey of Canada.
5. I have worked continuously as a Geologist from May 1982 to present on numerous projects throughout Canada and the western United States.
6. This report, dated September 30, 1985, is based on field examinations made by myself between July 10 and 24, 1985, a study of available public and private data and reports pertaining to the area, and on the results of exploration surveys completed by myself and Penroc Holdings Ltd.

Dated at Vancouver, Province of British Columbia, this 30th day of September, 1985.

Douglas Wood

D.H. Wood, B.Sc.
Consulting Geologist

APPENDIX A

STATEMENT OF COSTS

STATEMENT OF COSTS

RATH 9 PROJECT

Wages

D.H. Wood-geologist	18 days @ $250 =	$ 4,500.00
J.E. Subotin-technician	14 days @ $200 =	2,800.00
D. Detels-technician	14 days @ $200 =	2,800.00

Transportation (4x4 truck)	1,527.47
Food and camp costs	2,400.86
Field supplies and equipment rental	1,312.09
Engineering and supervision	6,000.00
Report preparation	2,500.00
Management Costs	3,500.00
Total Costs	**$27,340.42**

Dated at Vancouver, Province of British Columbia, this 30th day of September, 1985.

Roy Cameron, General Manager

Penroc Holdings Ltd.

APPENDIX B

ASSAYERS' RESULTS

CME ANALYTICAL LABORATORIES LTD.
552 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JULY 15 1985

DATE REPORT MAILED: July 23/85

GEOCHEMICAL ICP ANALYSIS

.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.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS/SILTS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry ..DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

PENROC HOLDING PROJECT - RATH # 9 FILE # 85-1389 PAGE 1

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
R-9 600W 1478N	12	106	.2	6	2	2
R-9 600W 1450N	6	69	.3	5	2	1
R-9 600W 1400N	11	94	.2	2	2	1
R-9 600N 1350N	13	63	.2	3	2	1
R-9 600W 1300N	9	96	.2	8	2	34
R-9 600W 1250N	11	97	.1	3	2	2
R-9 600W 1200N	29	112	.3	9	2	3
R-9 600W 1150N	23	55	.1	15	3	2
R-9 600W 1100N	24	91	.3	11	3	5
R-9 600W 1050N	23	69	.1	6	2	1
R-9 600W 1000N	32	148	.3	11	4	4
R-9 600W 950N	19	78	.2	16	3	1
R-9 600W 900N	20	55	.5	13	3	2
R-9 600W 850N	22	88	.1	12	2	3
R-9 600W 800N	32	112	.2	15	6	2
R-9 600W 750N	35	117	.2	23	3	3
R-9 600W 700N	24	112	.2	21	3	3
R-9 600W 650N	19	78	.1	18	3	2
R-9 600W 600N	71	36	.9	2	4	1
R-9 600W 550N	21	79	.4	2	2	2
R-9 600W 500N	18	61	.6	2	2	1
R-9 600W 450N	22	97	.3	4	3	2
R-9 600W 400N	20	84	.1	7	2	3
R-9 600W 350N	30	204	.4	19	2	1
R-9 600W 300N	37	160	.4	17	2	1
R-9 600W 250N	31	116	.4	10	3	1
R-9 600W 200N	25	173	.6	2	2	2
R-9 600W 150N	18	162	.7	8	3	1
R-9 600W 100N	12	108	.1	2	2	2
R-9 600W 50N	18	101	.5	2	2	1
R-9 600W 0N	21	122	.1	4	2	2
R-9 400W 800N	21	92	.1	19	3	6
R-9 400W 750N	33	121	.1	14	5	7
R-9 400W 700N	47	109	.2	10	4	5
R-9 400W 650N	18	84	.1	6	2	3
R-9 400W 600N	33	109	.1	24	2	6
STD C/AU 0.5	41	136	6.9	42	16	490

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
R-9 400W 550N	25	114	.3	47	7	4
R-9 400W 500N	23	110	.1	43	4	4
R-9 400W 450N	22	93	1.3	12	2	2
R-9 400W 400N	11	69	.1	3	4	13
R-9 400W 350N	11	47	.4	2	2	2
R-9 400W 300N	15	131	.1	3	2	4
R-9 400W 250N	16	115	.1	6	3	2
R-9 400W 200N	10	166	.4	8	2	4
R-9 400W 150N	12	116	.9	8	2	4
R-9 400W 100N	20	202	1.2	10	5	1
R-9 400W 50N	15	249	.1	5	2	2
R-9 400W 0N	18	209	.2	6	2	2
R-9 200W 600N	31	117	.3	65	8	38
R-9 200W 550N	23	96	.3	17	2	3
R-9 200W 500N	18	132	.6	10	2	4
R-9 200W 476N	16	127	.5	7	2	1
R-9 200W 400N	22	193	.4	13	2	2
R-9 200W 350N	25	116	.1	2	2	2
R-9 200W 300N	21	116	.1	8	2	2
R-9 200W 250N	19	124	.8	5	2	2
R-9 200W 200N	25	236	.9	5	2	4
R-9 200W 150N	31	159	.1	10	2	1
R-9 200W 100N	22	99	.2	7	2	6
R-9 200W 50N	40	215	.4	10	2	3
R-9 200W 0N	19	135	.1	10	2	5
R-9 20W 20+00N	28	118	.1	6	2	2
R-9 20W 19+50N	17	55	.1	6	2	3
R-9 20W 19+00N	18	54	.1	5	2	3
R-9 20W 18+50N	20	59	.1	5	2	3
R-9 20W 18+00N	13	65	.1	5	2	50
R-9 20W 17+50N	70	113	.1	23	2	2
R-9 20W 17+00N	84	199	.2	16	2	4
R-9 20W 16+50N	65	181	.1	12	4	2
R-9 20W 16+00N	54	103	.3	9	2	2
R-9 20W 15+50N	64	326	.1	25	2	4
R-9 20W 15+00N	32	358	.1	12	2	4
STD C/AU-0.5	40	131	6.9	39	15	490

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
R-9 20W 14+50N	27	86	.3	18	2	3
R-9 20W 14+00N	33	150	.1	15	2	2
R-9 20W 13+50N	39	178	.4	16	2	9
R-9 20W 13+00N	26	191	.4	5	2	2
R-9 20W 12+50N	31	124	.3	6	2	3
R-9 20W 12+00N	45	132	.3	6	2	4
R-9 20W 11+50N	34	70	.7	6	2	3
R-9 20W 11+00N	37	162	.7	6	2	1
R-9 20W 10+50N	40	97	1.0	11	2	1
R-9 20W 10+00N	30	83	.2	19	2	2
R-9 20W 9+50N	23	117	.4	12	2	2
R-9 20W 9+00N	26	177	.1	2	2	3
R-9 20W 8+50N	19	166	.1	4	2	3
R-9 20W 8+00N	16	291	.7	8	2	2
R-9 20W 7+50N	24	66	.2	15	2	1
R-9 20W 7+00N	16	357	2.3	6	2	1
R-9 20W 6+50N	22	320	1.4	7	2	1
R-9 20W 6+00N	15	208	.5	4	2	1
R-9 20W 5+50N	14	259	.6	6	3	3
R-9 20W 5+00N	18	120	.1	6	2	2
R-9 20W 4+50N	18	145	.8	8	2	1
R-9 20W 4+00N	20	147	1.1	9	2	1
R-9 20W 3+50N	18	248	1.5	3	2	2
R-9 20W 3+00N	16	147	1.0	3	2	6
R-9 20W 2+50N	18	96	.1	5	2	1
R-9 20W 2+00N	14	54	.1	5	2	3
R-9 20W 1+50N	13	76	.3	6	2	2
R-9 20W 1+00N	10	102	.3	8	3	1
R-9 20W 0+50N	15	103	.1	6	2	2
R-9 20W 0+00N	15	69	.5	6	2	6
R-9 18W 20+00N	84	262	.5	3	2	2
R-9 18W 19+50N	27	126	.3	5	2	1
R-9 18W 19+00N	42	205	.1	6	2	1
R-9 18W 18+50N	16	95	.2	7	2	3
R-9 18W 18+00N	27	66	.1	6	2	5
R-9 18W 16+75N	15	51	.3	2	2	36
STD C/AU-0.5	41	130	7.2	38	15	480

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
R-9 18W 16+50N	18	100	.4	8	2	2
R-9 18W 16+00N	12	90	.6	12	2	4
R-9 18W 15+00N	48	297	.1	27	2	4
R-9 18W 14+50N	20	360	.4	12	2	1
R-9 18W 14+00N	24	195	.2	17	2	1
R-9 18W 13+50N	15	131	.2	24	2	1
R-9 18W 13+00N	31	175	.4	17	2	2
R-9 18W 12+50N	44	91	.4	12	2	2
R-9 18W 12+00N	29	148	.2	11	2	2
R-9 18W 11+50N	95	849	.4	9	2	3
R-9 18W 11+00N	73	826	.9	20	2	3
R-9 18W 10+50N	18	214	.2	13	2	2
R-9 18W 10+00N	20	335	.4	14	2	3
R-9 18W 9+50N	22	440	.6	14	2	3
R-9 18W 9+00N	22	138	.2	17	2	6
R-9 18W 8+50N	14	259	.3	12	2	4
R-9 18W 8+00N	10	150	.2	11	2	3
R-9 18W 7+50N	2	181	.6	12	3	3
R-9 18W 7+00N	2	189	.6	13	4	4
R-9 18W 6+50N	2	109	.1	9	4	2
R-9 18W 6+00N	12	95	.2	11	2	2
R-9 18W 5+50N	15	130	.7	13	2	2
R-9 18W 5+00N	3	177	1.1	12	4	3
R-9 18W 4+50N	9	144	.5	13	4	1
R-9 18W 4+00N	10	118	.5	13	4	2
R-9 18W 3+50N	8	120	.4	11	5	6
R-9 18W 3+00N	9	105	.3	16	3	4
R-9 18W 2+50N	10	104	.5	17	5	3
R-9 18W 2+00N	16	80	.2	13	6	3
R-9 18W 1+50N	2	148	1.1	13	5	3
R-9 18W 1+00N	13	153	.7	15	2	1
R-9 18W 0+50N	12	113	.9	14	2	4
R-9 18W 0+00N	9	100	.3	11	2	3
R-9 16W 20+00N	42	95	.4	14	2	2
R-9 16W 19+50N	35	226	.4	16	2	5
R-9 16W 19+00N	12	137	.2	12	2	3
STD C/AU-0.5	40	132	7.0	39	15	490

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
R-9 16W 18+50N	20	179	.6	4	3	1
R-9 16W 18+00N	20	106	.4	7	2	4
R-9 16W 17+50N	20	74	.2	7	3	1
R-9 16W 17+00N	21	92	.1	6	2	1
R-9 16W 16+50N	11	59	.3	3	2	2
R-9 16W 16+00N	16	79	.4	5	3	1
R-9 16W 15+50N	25	106	.2	10	2	1
R-9 16W 15+00N	35	71	.1	6	2	1
R-9 16W 13+50N	20	111	.1	7	2	2
R-9 16W 13+00N	27	175	.3	7	4	1
R-9 16W 12+50N	123	305	.7	10	2	1
R-9 16W 12+00N	39	363	.3	8	2	1
R-9 16W 11+50N	24	227	.1	14	2	1
R-9 16W 11+00N	17	274	.1	12	2	2
R-9 16W 10+50N	20	158	.1	8	5	2
R-9 16W 10+00N	23	95	.2	13	2	1
R-9 16W 9+50N	17	419	.3	21	2	1
R-9 16W 9+00N	16	260	.5	10	2	2
R-9 16W 8+50N	17	238	.3	7	3	1
R-9 16W 8+00N	32	257	.5	12	3	3
R-9 16W 7+50N	25	241	.3	13	2	1
R-9 16W 7+00N	17	156	.1	7	4	1
R-9 16W 6+50N	13	206	.2	8	3	2
R-9 16W 6+00N	15	99	.1	6	4	1
R-9 16W 5+50N	19	108	.3	11	4	2
R-9 16W 5+00N	15	87	.8	11	7	1
R-9 16W 4+50N	14	62	.4	8	2	1
R-9 16W 3+50N	10	65	.3	6	2	1
R-9 16W 3+00N	15	114	.6	6	3	2
R-9 16W 2+50N	18	50	.1	11	2	3
R-9 16W 2+00N	23	113	.4	7	3	1
R-9 16W 1+50N	27	109	.1	10	2	1
R-9 16W 1+00N	9	61	.7	2	2	1
R-9 16W 0+50N	21	124	.2	12	2	3
R-9 16W 0+00N	15	94	.3	9	4	3
R-9 14W 20+00N	9	75	.1	4	2	1
STD C/AU 0.5	40	135	7.5	40	16	480

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
R-9 14W 19+50N	14	100	.3	4	2	2
R-9 14W 19+00N	23	107	.4	9	2	3
R-9 14W 18+50N	38	119	1.2	9	2	1
R-9 14W 18+00N	35	93	.9	7	2	1
R-9 14W 17+50N	24	150	.5	8	2	2
R-9 14W 17+00N	25	153	.5	9	2	1
R-9 14W 16+50N	16	148	.2	2	2	1
R-9 14W 15+50N	14	51	.3	3	3	2
R-9 14W 15+00N	24	64	.3	12	2	1
R-9 14W 14+75N	11	46	.4	2	4	1
R-9 14W 14+50N	7	44	.4	5	2	1
R-9 14W 13+00N	37	228	.2	8	4	1
R-9 14W 12+50N	34	193	.3	15	3	2
R-9 14W 12+00N	36	169	.4	53	2	1
R-9 14W 11+50N	19	71	.4	23	2	1
R-9 14W 11+00N	5	90	1.2	3	2	2
R-9 14W 10+50N	18	242	.3	11	3	1
R-9 14W 10+00N	25	394	.5	12	2	2
R-9 14W 9+50N	17	227	1.0	12	2	1
R-9 14W 9+00N	21	166	.3	6	2	1
R-9 14W 8+50N	15	156	.1	13	2	2
R-9 14W 8+00N	15	193	.2	10	2	1
R-9 14W 7+50N	21	122	.1	12	2	1
R-9 14W 7+00N	18	132	1.0	15	3	1
R-9 14W 6+50N	21	85	.3	10	2	1
R-9 14W 6+00N	18	79	.1	5	2	2
R-9 14W 5+50N	21	104	.2	12	2	1
R-9 14W 5+00N	20	93	.1	11	2	1
R-9 14W 4+50N	18	71	.3	11	2	1
R-9 14W 3+50N	28	80	.3	15	2	1
R-9 14W 3+00N	12	159	1.1	7	3	1
R-9 14W 2+50N	13	69	.1	10	2	2
R-9 14W 2+00N	10	23	.4	2	2	1
R-9 14W 1+50N	18	42	.4	7	2	1
R-9 14W 1+00N	13	45	.6	2	3	1
R-9 14W 0+50N	13	38	.4	4	2	1
STD C/AU-0.5	41	135	6.9	39	15	490

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
R-9 14W 0+00N	24	63	.6	6	2	6
R-9 12W 20+00N	19	85	.3	8	2	4
R-9 12W 19+50N	28	99	.2	14	2	2
R-9 12W 19+00N	17	24	.2	2	2	2
R-9 12W 18+50N	17	132	.6	10	2	3
R-9 12W 18+00N	18	84	.3	8	2	2
R-9 12W 17+50N	22	68	.3	5	2	1
R-9 12W 17+00N	15	119	.4	10	2	2
R-9 12W 16+50N	28	92	.3	8	2	1
R-9 12W 16+00N	11	97	.1	10	2	2
R-9 12W 15+50N	20	101	.6	8	2	4
R-9 12W 15+00N	16	90	.2	9	2	2
R-9 12W 14+50N	7	36	.1	5	2	2
R-9 12W 14+00N	6	30	.2	2	2	1
R-9 12W 13+00N	11	55	.1	2	2	6
R-9 12W 12+50N	20	88	.3	5	2	2
R-9 12W 12+00N	15	102	.2	8	2	2
R-9 12W 11+00N	27	194	.4	17	4	5
R-9 12W 10+50N	15	180	.1	13	2	2
R-9 12W 10+00N	35	213	.8	30	2	1
R-9 12W 9+50N	13	107	.1	5	2	1
R-9 12W 9+00N	24	224	.7	14	2	3
R-9 12W 8+50N	13	89	.5	5	2	2
R-9 12W 8+00N	26	98	1.1	16	7	1
R-9 12W 7+50N	36	144	1.0	11	3	1
R-9 12W 7+00N	27	107	.1	15	2	3
R-9 12W 6+50N	29	110	.2	21	6	5
R-9 12W 6+00N	23	117	.5	11	2	2
R-9 12W 5+50N	13	157	1.6	11	2	2
R-9 12W 5+00N	21	124	.8	6	3	1
R-9 12W 4+50N	23	194	.5	11	2	1
R-9 12W 4+00N	21	128	.4	12	3	2
R-9 12W 3+50N	20	147	.8	9	2	1
R-9 12W 3+00N	17	184	1.6	12	5	1
R-9 12W 2+50N	18	206	.4	11	2	1
R-9 12W 2+00N	19	120	1.2	10	5	1
STD C/AU-0.5	40	134	7.4	41	15	500

APPENDIX C

GEOPHYSICS DATA

SAMPLE#	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
R-9 8W 13+50N	18	132	.9	6	2	1
R-9 8W 13+00N	28	116	.6	13	2	3
R-9 8W 12+50N	25	96	.8	11	2	6
R-9 8W 12+00N	21	132	1.4	7	2	4
R-9 8W 11+50N	24	126	.4	10	3	4
R-9 8W 11+00N	38	100	.7	11	2	7
R-9 8W 10+50N	30	122	.4	12	2	5
R-9 8W 10+00N	23	91	.7	11	2	1
R-9 8W 9+50N	24	71	.4	19	3	4
R-9 8W 8+50N	27	105	.5	26	4	6
R-9 8W 8+00N	28	138	.3	24	5	8
R-9 8W 7+50N	32	84	.5	17	5	35
R-9 8W 7+00N	24	111	.4	26	2	4
R-9 8W 6+50N	16	93	.4	15	3	1
R-9 8W 6+00N	23	49	1.9	8	2	1
R-9 8W 5+50N	22	115	1.0	12	3	1
R-9 8W 5+00N	19	95	1.0	10	2	1
R-9 8W 4+50N	33	100	2.5	12	2	2
R-9 8W 4+00N	26	151	.8	15	2	1
R-9 8W 3+50N	27	142	.4	13	2	1
R-9 8W 3+00N	34	54	.6	3	3	2
R-9 8W 2+50N	11	100	.3	6	3	3
R-9 8W 2+00N	16	89	.2	12	2	5
R-9 8W 1+50N	16	142	.6	11	4	3
R-9 8W 1+00N	16	102	.5	2	4	4
R-9 8W 0+50N	20	130	.3	9	2	1
R-9 8W 0+00N	21	196	.7	5	3	2
R-9 0W 4+50N	123	187	.5	12	2	16
R-9 0W 4+00N	27	94	.5	7	3	14
R-9 0W 3+50N	19	355	8.0	5	2	1
R-9 0W 3+00N	19	365	7.2	5	3	5
R-9 0W 2+50N	26	246	.6	5	2	1
R-9 0W 2+00N	33	182	.7	11	2	8
R-9 0W 1+50N	25	129	.6	5	2	1
R-9 0W 1+00N	18	50	.6	8	5	1
R-9 0W 0+50N	26	133	.6	8	2	1
R-9 0W 0+00N	20	271	1.3	11	2	1
STD C/AU-0.5	40	138	7.0	40	15	490

MAGNETOMETER DATA

Line 0E

Station	Reading
0+00N	58108
+25N	58076
+50N	58122
+75N	58117
1+00N	58120
+25N	58113
+50N	58082
+75N	58498
2+00N	58061
+25N	58084
+50N	58086
+75N	58110
3+00N	58093
+25N	58085
+50N	58071
+75N	58089
4+00N	58165
+25N	58115
+50N	57967
+75N	58151
5+00N	LAKE

MAGNETOMETER DATA

Line 6E

Station	Reading		
0+00N	58033	10+00N	58133
+25N	58066	+25N	58161
+50N	58092	+50N	58180
+75N	58107	+75N	58139
1+00N	58142	11+00N	58132
+25N	58252	+25N	58082
+50N	58105	+50N	58136
+75N	58118	+75N	58148
2+00N	58123	12+00N	58166
+25N	58119	+25N	58154
+50N	58139	+50N	58158
+75N	58132	+75N	58162
3+00N	58129	13+00N	58169
+25N	58128	+25N	58166
+50N	58136	+50N	58161
+75N	58157	+75N	58169
4+00N	58300	14+00N	58166
+25N	58180	+25N	58163
+50N	58165	+50N	58164
+75N	58158	+75N	58185
5+00N	58151	15+00N	LAKE
+25N	58159		
+50N	58147		
+75N	58156		
6+00N	58166		
+25N	58155		
+50N	58161		
+75N	58159		
7+00N	58152		
+25N	58153		
+50N	58150		
+75N	58176		
8+00N	58135		
+25N	58149		
+50N	58160		
+75N	58145		
9+00N	58146		
+25N	58142		
+50N	58133		
+75N	58145		

MAGNETOMETER DATA

Line 4E

Station	Reading
0+00N	58198
+25N	58194
+50N	58181
+75N	58213
1+00N	58143
+25N	58174
+50N	58171
+75N	58164
2+00N	58191
+25N	58207
+50N	58218
+75N	58220
3+00N	58190
+25N	58231
+50N	58206
+75N	58200
4+00N	58203
+25N	58201
+50N	58222
+75N	58219
5+00N	58258
+25N	58166
+50N	58169
+75N	58150
6+00N	58157
+25N	58143
+50N	58159
+75N	58156
7+00N	58150
+25N	58149
+50N	58168
+75N	58143
8+00N	58180
+25N	LAKE

Line 2E

Station	Reading
0+00N	58095
+25N	58094
+50N	58062
+75N	58155
1+00N	58140
+25N	58082
+50N	58161
+75N	58112
2+00N	58119
+25N	58089
+50N	58109
+75N	58156
3+00N	58142
+25N	58151
+50N	58159
+75N	58145
4+00N	58185
+25N	58179
+50N	58191
+75N	58206
5+00N	58201
+25N	HOUSE
+50N	58220
+75N	58227
6+00N	58194
+25N	58204
+50N	LAKE

MAGNETOMETER DATA

Line 10E

Station	Reading
0+00N	58068
+25N	58063
+50N	58082
+75N	58113
1+00N	58106
+25N	58092
+50N	58097
+75N	58091
2+00N	58073
+25N	58066
+50N	58075
+75N	58100
3+00N	58078
+25N	58072
+50N	58074
+75N	58050
4+00N	58057
+25N	58047
+50N	58047
+75N	58056
5+00N	58056
+25N	58059
+50N	58047
+75N	58061
6+00N	58072
+25N	58051
+50N	58067
+75N	58077
7+00N	58066
+25N	58083
+50N	58107
+75N	58073
8+00N	58089
+25N	58085
+50N	58070
+75N	58050
9+00N	58082
+25N	58070
+50N	58069
+75N	58089
10+00N	58085
+25N	58062
+50N	58055
+75N	58032
11+00N	58056
+25N	58065
+50N	58072
+75N	58061
12+00N	58089
+25N	58071
+50N	58046
+75N	58054
13+00N	58037
+25N	58038
+50N	58117
+75N	58045
14+00N	LAKE
19+50N	58162
+75N	58157
20+00N	58202

MAGNETOMETER DATA

Line 8E

Station	Reading
0+00N	58119
+25N	58121
+50N	58109
+75N	58104
1+00N	58112
+25N	58164
+50N	58094
+75N	58145
2+00N	58116
+25N	58154
+50N	58147
+75N	58158
3+00N	58160
+25N	58154
+50N	58169
+75N	58178
4+00N	58153
+25N	58156
+50N	58159
+75N	58162
5+00N	58151
+25N	58147
+50N	58128
+75N	58140
6+00N	58136
+25N	58134
+50N	58136
+75N	58145
7+00N	58131
+25N	58151
+50N	58146
+75N	58123
8+00N	58166
+25N	58142
+50N	58100
+75N	58090
9+00N	58106
+25N	58112
+50N	58080
+75N	58065
10+00N	58063
+25N	58059
+50N	58042
+75N	58070
11+00N	58060
+25N	58050
+50N	58038
+75N	58042
12+00N	58030
+25N	58040
+50N	58038
+75N	58057
13+00N	58063
+25N	58053
+50N	58028
+75N	58035
14+00N	58030
+25N	58034
+50N	58050
+75N	58067
15+00N	58089
+25N	58106
+50N	LAKE

Line 14E

Station	Reading	Station	Reading
0+00N	58187	10+00N	58180
+25N	58177	+25N	58152
+50N	58195	+50N	58179
+75N	58134	+75N	58161
1+00N	58095	11+00N	58163
+25N	58159	+25N	58148
+50N	58161	+50N	58172
+75N	58159	+75N	58165
2+00N	58135	12+00N	58170
+25N	58150	+25N	58183
+50N	58150	+50N	58155
+75N	58155	+75N	58176
3+00N	58140	13+00N	58175
+25N	58130	+25N	58160
+50N	58156	+50N	58190
+75N	58140	+75N	58184
4+00N	58145	14+00N	58192
+25N	58130	+25N	58179
+50N	58143	+50N	58140
+75N	58119	+75N	58195
5+00N	58142	15+00N	58153
+25N	58078	+25N	58142
+50N	58122	+50N	58161
+75N	58182	+75N	58163
6+00N	58177	16+00N	58157
+25N	58133	+25N	58172
+50N	58133	+50N	58166
+75N	58114	+75N	58184
7+00N	58164	17+00N	58167
+25N	58223	+25N	58172
+50N	58158	+50N	58153
+75N	58166	+75N	58158
8+00N	58169	18+00N	58162
+25N	58200	+25N	58171
+50N	58160	+50N	58173
+75N	58159	+75N	58169
9+00N	58158	19+00N	58152
+25N	58187	+25N	58150
+50N	58175	+50N	58168
+75N	58189	+75N	58144
		20+00N	58168

MAGNETOMETER DATA

Line 12E

Station	Reading
0+00N	58211
+25N	58235
+50N	58200
+75N	58150
1+00N	58200
+25N	58190
+50N	58218
+75N	58204
2+00N	58195
+25N	58216
+50N	58220
+75N	58185
3+00N	58215
+25N	58192
+50N	58207
+75N	58225
4+00N	58225
+25N	58231
+50N	58196
+75N	58215
5+00N	58186
+25N	58227
+50N	58214
+75N	58195
6+00N	58214
+25N	58215
+50N	58165
+75N	58200
7+00N	58185
+25N	58178
+50N	58223
+75N	58218
8+00N	58195
+25N	58210
+50N	58228
+75N	58195
9+00N	58190
+25N	58195
+50N	58207
+75N	58200
10+00N	58200
+25N	58204
+50N	58210
+75N	58223
11+00N	58229
+25N	58195
+50N	58212
+75N	58210
12+00N	58253
+25N	58235
+50N	58230
+75N	58209
13+00N	58195
+25N	RIVER
+50N	RIVER
+75N	RIVER
14+00N	58225
+25N	58216
+50N	58255
+75N	58178
15+00N	58194
+25N	58252
+50N	58208
+75N	58235
16+00N	58241
+25N	58232
+50N	58237
+75N	58250
17+00N	58234
+25N	58225
+50N	58231
+75N	58219
18+00N	58223
+25N	58232
+50N	58217
+75N	58215
19+00N	58208
+25N	58195
+50N	58206
+75N	58207
20+00N	58240

RAW GEOPHYSICS DATA

MAGNETOMETER DATA

Line 20E

Station	Reading		
0+00N	58129	10+00N	58152
+25N	58140	+25N	58158
+50N	58118	+50N	58132
+75N	58127	+75N	58147
1+00N	58144	11+00N	58158
+25N	58146	+25N	58159
+50N	58147	+50N	58163
+75N	58162	+75N	58170
2+00N	58121	12+00N	58157
+25N	58099	+25N	58157
+50N	58205	+50N	58175
+75N	58201	+75N	58154
3+00N	58141	13+00N	58175
+25N	58205	+25N	58168
+50N	58228	+50N	58162
+75N	58147	+75N	58153
4+00N	58185	14+00N	58170
+25N	58202	+25N	58157
+50N	58198	+50N	58175
+75N	58190	+75N	58161
5+00N	58151	15+00N	58167
+25N	58115	+25N	58169
+50N	58134	+50N	58171
+75N	58146	+75N	58195
6+00N	58155	16+00N	58196
+25N	58174	+25N	58186
+50N	58150	+50N	58166
+75N	58156	+75N	58176
7+00N	58150	17+00N	58170
+25N	58137	+25N	58159
+50N	58156	+50N	58156
+75N	58152	+75N	58179
8+00N	58138	18+00N	58258
+25N	58125	+25N	58201
+50N	58174	+50N	RIVER
+75N	58164	+75N	58260
9+00N	58155	19+00N	58196
+25N	58155	+25N	58171
+50N	58156	+50N	58217
+75N	58143	+75N	58155
		20+00N	58177

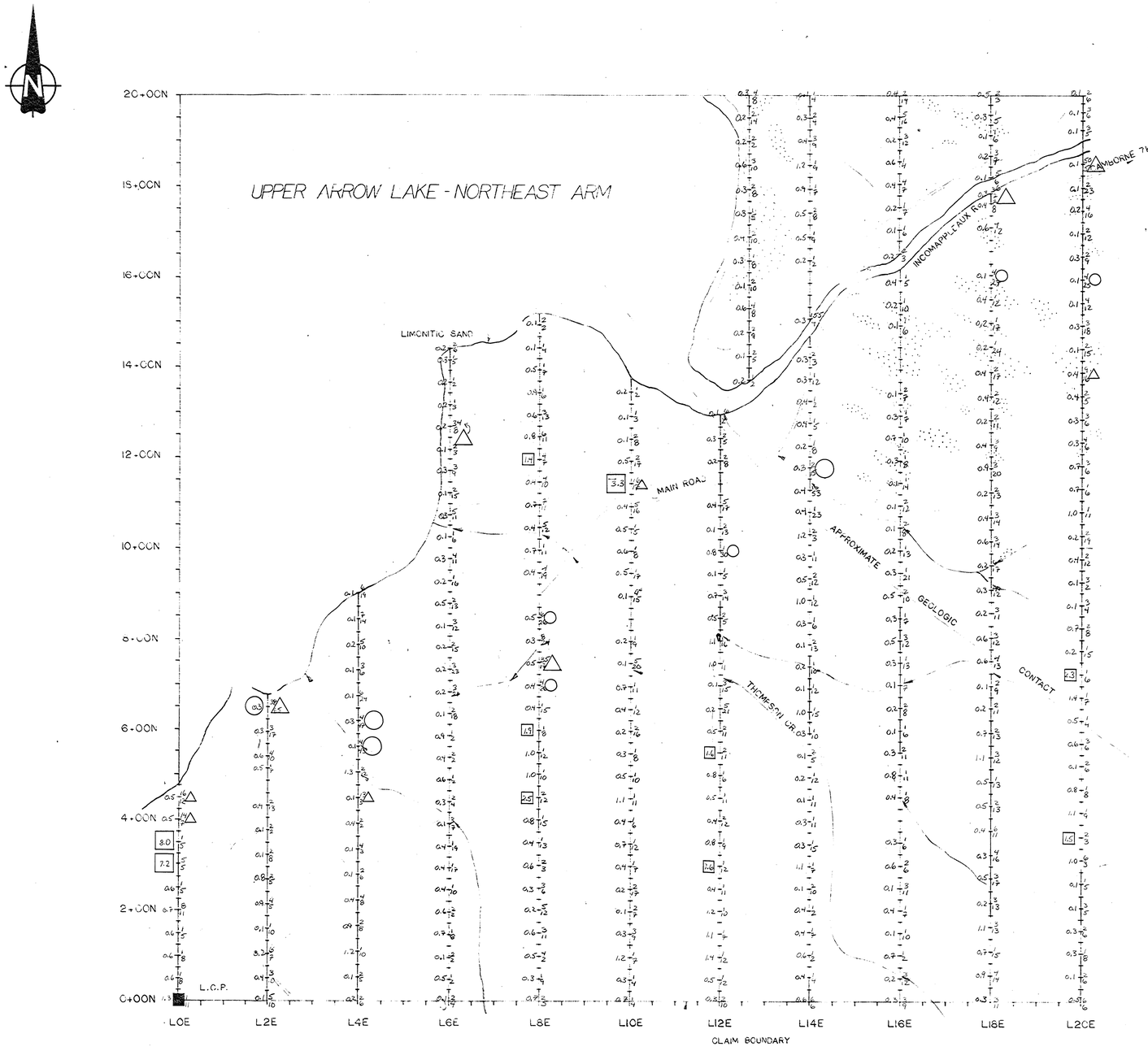
MAGNETOMETER DATA

Line 18E

Station	Reading		
0+00N	58201	10+00N	58170
+25N	58162	+25N	58180
+50N	58174	+50N	58170
+75N	58178	+75N	58160
1+00N	58159	11+00N	58154
+25N	58151	+25N	58157
+50N	58152	+50N	58170
+75N	58952	+75N	58147
2+00N	58144	12+00N	58132
+25N	58143	+25N	58133
+50N	58148	+50N	58160
+75N	58140	+75N	58140
3+00N	58169	13+00N	58157
+25N	58169	+25N	58154
+50N	58146	+50N	58155
+75N	58156	+75N	58187
4+00N	58132	14+00N	58160
+25N	58136	+25N	58167
+50N	58179	+50N	58158
+75N	58146	+75N	58168
5+00N	58133	15+00N	58161
+25N	58138	+25N	58144
+50N	58135	+50N	58145
+75N	58163	+75N	58145
6+00N	58141	16+00N	58143
+25N	58150	+25N	58123
+50N	58140	+50N	58245
+75N	58153	+75N	58153
7+00N	58162	17+00N	RIVER
+25N	58158	+25N	RIVER
+50N	58175	+50N	RIVER
+75N	58143	+75N	RIVER
8+00N	58164	18+00N	58187
+25N	58176	+25N	58192
+50N	58184	+50N	58177
+75N	58120	+75N	58215
9+00N	58155	19+00N	58163
+25N	58157	+25N	58164
+50N	58163	+50N	58191
+75N	58173	+75N	58190
		20+00N	58158

Line 16E

Station	Reading		
0+00N	58127	10+00N	58164
+25N	58120	+25N	58145
+50N	58105	+50N	58150
+75N	58150	+75N	58152
1+00N	58152	11+00N	58206
+25N	58150	+25N	58150
+50N	58160	+50N	58136
+75N	58172	+75N	58143
2+00N	58176	12+00N	58196
+25N	58174	+25N	58149
+50N	58162	+50N	58182
+75N	58161	+75N	58146
3+00N	58170	13+00N	58166
+25N	58183	+25N	58179
+50N	58201	+50N	58157
+75N	58155	+75N	58223
4+00N	58180	14+00N	58210
+25N	58182	+25N	58159
+50N	58154	+50N	58148
+75N	58120	+75N	58198
5+00N	58130	15+00N	58170
+25N	58225	+25N	58168
+50N	58210	+50N	58190
+75N	58182	+75N	58214
6+00N	58149	16+00N	58190
+25N	58169	+15N	58173
+50N	58145	+50N	RIVER
+75N	58165	+75N	58183
7+00N	58203	17+00N	58174
+25N	58169	+25N	58148
+50N	58166	+50N	58168
+75N	58178	+75N	58143
8+00N	58150	18+00N	58162
+25N	58145	+25N	58171
+50N	58164	+50N	58159
+75N	58175	+75N	58211
9+00N	58168	19+00N	58194
+25N	58156	+25N	58162
+50N	58165	+50N	58142
+75N	58153	+75N	58172
		20+00N	58168



LEGEND:

PHYLITE

QUARTZITE

SWAMP

GRAVEL PIT

OUTCROP

△ ≥ 9ppb
△ ≥ 19ppb
> Au in soils

○ ≥ 25ppm
○ ≥ 43ppm
> As in soils

□ ≥ 1.5ppm
□ ≥ 3.2ppm
> Ag in soils

Ag(ppm) | Au (ppb) / As (ppm)

GOLDEN ROCK RESOURCES LTD.

RATH # 9 CLAIM

FIGURE 3

Ag, Au & As GEOCHEMISTRY

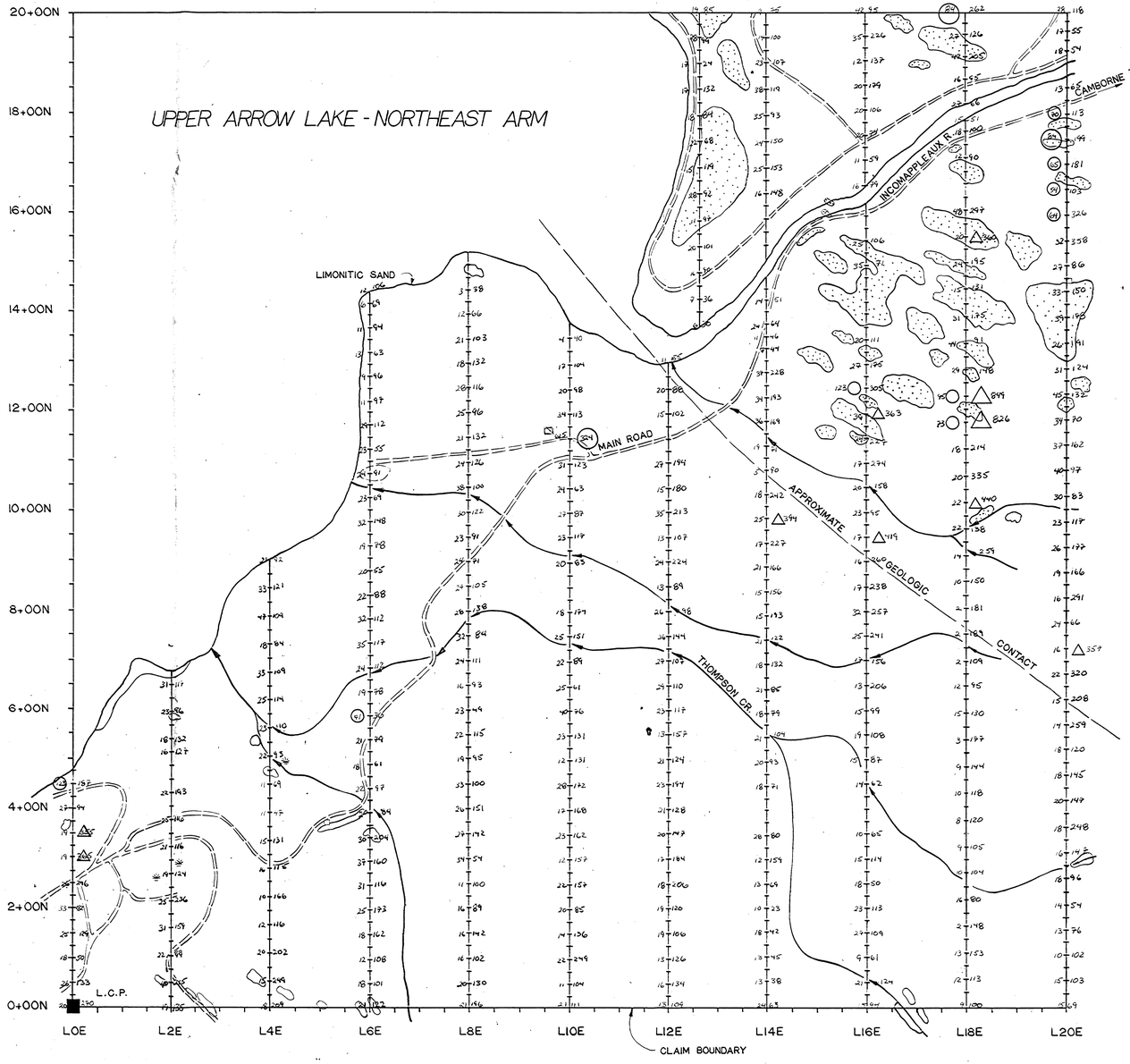
BY DOUGLAS WOOD, B.SC

SCALE: 1=5000

50 0 100 200 300 400 500
METERS

MAP TO ACCOMPANY REPORT BY
FRANK DI SANITO B.SC / P.ENG.
AND
DOUGLAS WOOD B.SC

SEPTEMBER 30, 1985
N.T.S. 82 K12E



LEGEND:

PHYLITE

QUARTZITE

SWAMP

GRAVEL PIT

OUTCROP

○ ≧ 51ppm
○ ≧ 82ppm
Pb in soils

△ ≧ 350ppm
△ ≧ 620ppm
Zn in soils

Pb (ppm) — Zn (ppm)

GOLDEN ROCK RESOURCES LTD.

RATH # 9 CLAIM

FIGURE 4

Pb & Zn GEOCHEMISTRY

. BY DOUGLAS WOOD, B.SC

SCALE: 1=5000

50 0 100 200 300 400 500

METERS

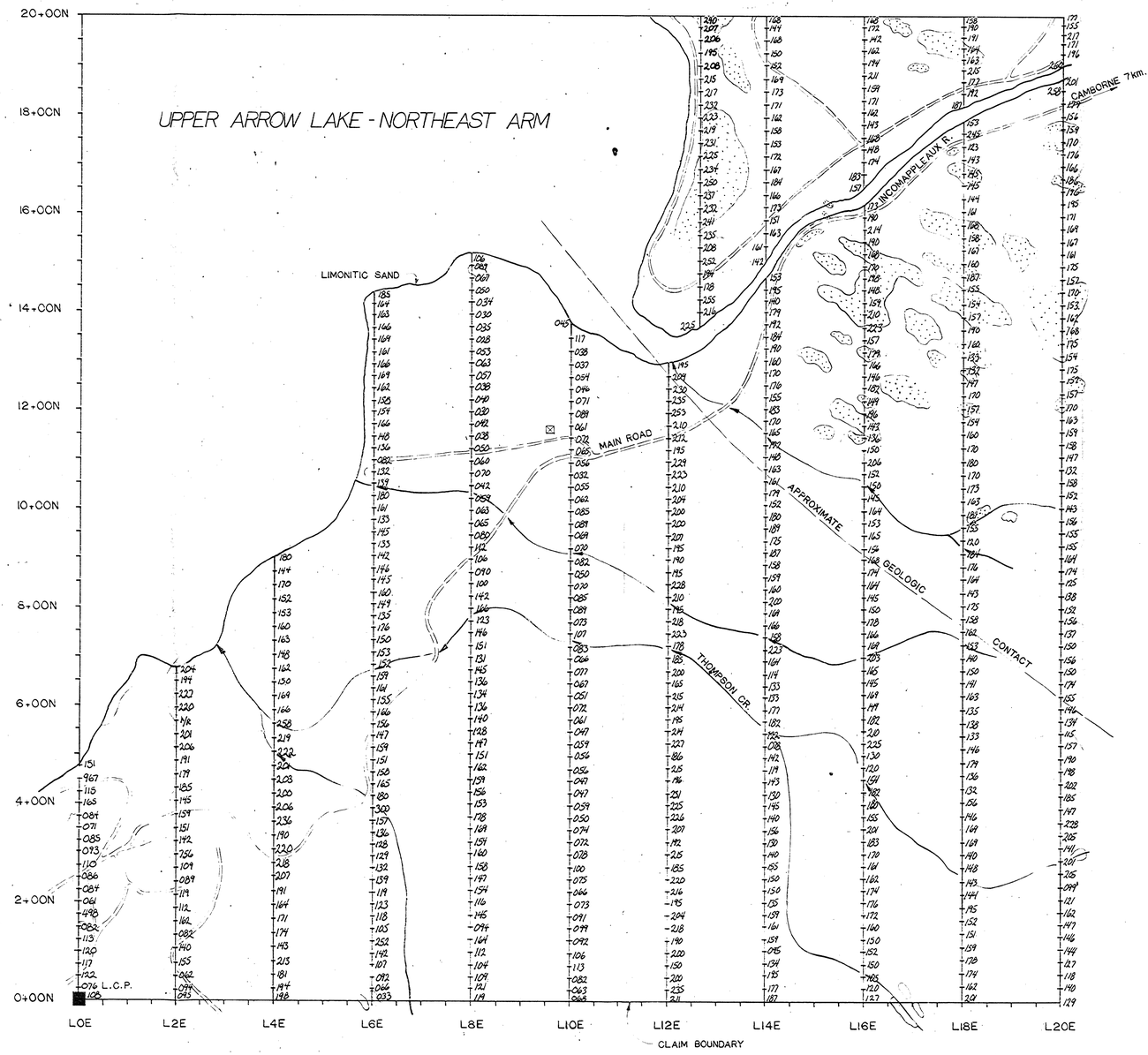
MAP TO ACCOMPANY REPORT BY
FRANK DI SPIRITO B.SC / P.ENG.
AND
DOUGLAS WOOD B.SC

SEPTEMBER 30, 1985

N.T.S. 82 K12E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,083



LEGEND:

PHYLITE

QUARTZITE

SWAMP

GRAVEL PIT

OUTCROP

NOTE: DATUM=58,000 GAMMAS.

GOLDEN ROCK RESOURCES LTD.

RATH # 9 CLAIM

FIGURE 6

MAGNETIC DATA MAP

BY DOUGLAS WOOD, B.SC

SCALE: 1=5000

50 0 100 200 300 400 500

METERS

MAP TO ACCOMPANY REPORT BY

FRANK DI SFIRITO B.SC / P.ENG.

AND

DOUGLAS WOOD B.SC

SEPTEMBER 30, 1985

N.T.S. 82 K12E