

NEW RIDGE RESOURCES LTD.

SUMMARY REPORT OF EXPLORATION

RIDGE PROPERTY

(RIDGE 1 - 15 CLAIMS)

N.T.S. 105D/3

LATITUDE 60 13'N LONGITUDE 135 14'W

WHITEHORSE MINING DISTRICT

YUKON TERRITORY

Randall S. Rogers M.Sc., P. Geol.
Rogers Exploration Services Ltd.
Whitehorse, Yukon Territory

15 Dec 85

091771

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 7,500⁰⁰.

 3 March 1986

Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

SUMMARY AND RECOMMENDATIONS

This report summarizes the exploration history and potential of the Ridge 1 - 15 mineral claims owned by New Ridge Resources Ltd.. The property is located in the Wheaton River district of the Yukon Territory, an area that is receiving a marked increase in exploration for precious metal deposits.

The Ridge property includes proven Cu - Au (Pb - Zn) mineralization developed in two discrete showings; the geological potential for developing significant further mineral reserves is high.

Field exploration conducted in the 1985 season has identified six geochemical - geophysical anomalies warranting detailed investigation.

An aggressive program of exploration is recommended for the 1986 field season. The preliminary stage of this exploration would comprise preparation of a contoured orthophotograph at a scale of 1:2500; establishment of detailed grids with a 20 meter line separation in the areas identified for further investigation in the current program; detailed soil geochemical surveys with a sample interval of 20 meters and analyses for Cu, Co, Pb, Zn, As, Sb, Au and Ag and a detailed VLF - EM geophysical survey with a station interval of 10 meters over the new grid; a magnetometer survey over the complete property grid; geological mapping at an initial scale of 1:2,500; preliminary prospecting and bulldozer trenching on the present anomalies and extension of road access to the central portions of the property..

The secondary stage of the 1986 exploration program would include 250 meters of diamond drilling on specific targets with appropriate analytical and geological investigations.

The recommended program is presented hereunder in two discrete phases with a total estimated budget of \$ 85,000. The progression from the first stage to the second stage would be contingent on the relative success of preceding investigation.

Phase I: Detailed Exploration

1. Preparation of detailed orthophotograph at 1:2500:	2,500	
2. Construction of detailed grid over present anomalies: 5 km. of line @ \$400	2,000	
3. Soil geochemical survey: (250 samples) Sampling: 15 mandays @ \$300	4,500	
Analytical costs: 250 @ \$24.00	6,000	
4. VLF - EM survey: 15 km @ \$100/km	1,500	
5. Magnetometer survey: 15 km @ \$100/km	1,500	
6. Geological mapping and project supervision: 20 mandays @ \$400	8,000	
7. Trenching: 40 Hr. D-7 @ \$75	3,000	
8. Road upgrading: 20 Hr. D-7 @ \$75	1,500	
9. Assays: 50 samples @ \$50.00	2,500	
TOTAL: Phase II	<u>33,000</u>	33,000

Phase II: Diamond Drilling

1. 3 drill holes (250 meters) 250 meters @ \$ 120	30,000	
2. Assays: 100 samples @ \$60.00	6,000	
3. Geological services and project supervision: 20 mandays @ \$400	8,000	
4. Reporting and Compilation: Drafting	1,500	
Report preparation	1,000	
Printing costs	500	
TOTAL: Phase III	<u>47,000</u>	47,000
		<hr/>
SUBTOTAL: Phase I - II		80,000
CONTINGENCY:		5,000
TOTAL:		<u>85,000</u>

TABLE OF CONTENTS

Summary and Recommendations	i
Table of Contents	iv
List of Figures	v
List of Tables	v
Introduction	1
Property	2
Location and Access	2
Claims	5
Physiography and Climate	7
History	7
Regional Geology	9
Local Geology	13
Mineralization	14
Summary of Exploration	16
Camp Construction and Access Road	16
Linecutting	17
Geochemical Survey	17
Geophysical Survey	20
Conclusions	21
References	23
Certificate	24
Appendix I : Assay Certificate	25
Appendix II: Soil Geochemical Analyses	26

LIST OF FIGURES

Figure 1.	Location Map	3
Figure 2.	Property Topography and Access	4
Figure 3.	Claim Boundary and Grid	(pocket)
Figure 4.	Geochemical Survey : Cu - Co	(pocket)
Figure 5.	Geochemical Survey : Pb - Zn	(pocket)
Figure 6.	Geochemical Survey : As - Sb	(pocket)
Figure 7.	Geochemical Survey : Au - Ag	(pocket)
Figure 8.	VLF - EM Survey : Dip Angles	(pocket)
Figure 9.	VLF - EM Survey : Fraser Filter	(pocket)
Figure 10.	Compilation Map	(pocket)

LIST OF TABLES

Table I	Claim Data	6
Table II	Regional Stratigraphic Column	12
Table III	Summary of Geochemical Statistics	19

INTRODUCTION

This report summarizes the program of exploration conducted on the Ridge 1 - 15 claim group in the 1985 field season by Rogers Exploration Services Ltd., and tenders recommendations for further development of the property. The present exploration was commissioned by the directors of New Ridge Resources Ltd. subsequent to a proposal prepared on the 1st of September 1985 by the writer.

Background material for the present study included geological and engineering reports from previous explorations in the area, a comprehensive literature search and personal examination of the property by the author on the 3rd to the 6th of January 1985 and on the 1st of September 1985. A proposal for a preliminary field program was prepared on that date at the request of New Ridge Resources Ltd. and an exploration crew mobilized to the property on the 23rd of October 1985.

The author is currently engaged in contract geological consultation to Anina Resources Inc., Barsand Resources Inc. and a number of individuals with respect to their property holdings in the Wheaton River district.

PROPERTY

Location and Access

The Ridge 1 - 15 claims are located south of the Wheaton River on the western bank of Becker Creek at 60° 13' N latitude by 135° 14' W longitude in the Whitehorse Mining District of the Yukon Territory on N.T.S. mapsheet 105D/3. The property is situated 38 airmiles due south of Whitehorse and is accessible from the government maintained Wheaton River Road which passes on the northern boundary of the property. A seasonal gravel road departs the Wheaton River Road at the Becker Creek Airstrip and extends along the west bank of Becker Creek to the area of Carbon Hill and the Ridge property. This road was upgraded in the course of the 1985 field program and with minimal maintenance should be passable to four wheel drive vehicles in the 1986 field season. In the course of further investigation of the property, this road could be further upgraded to most two wheel drive traffic with approximately 20 hours of D-7 bulldozer work.

The Wheaton River Road is being upgraded by the Government of Yukon to service Erickson Gold Mines' Mt. Skukum property, and the Becker Creek Airstrip would be suitable for small to medium fixed wing aircraft. Helicopter charter, supplies and accommodation are available at Whitehorse.

The general location of the property is seen at a scale of 1:250,000 in Figure 1. Figure 2 depicts the topographical setting of the claim group at a scale of 1:50,000.

The proximity of development infrastructure including Erickson Gold Mines' Mt. Skukum mill, a planned extension to the Yukon Electric power grid and improved road access combine with the availability of skilled labor and supplies from the Whitehorse area to substantially augment the significance of the current exploration work on the Ridge property.

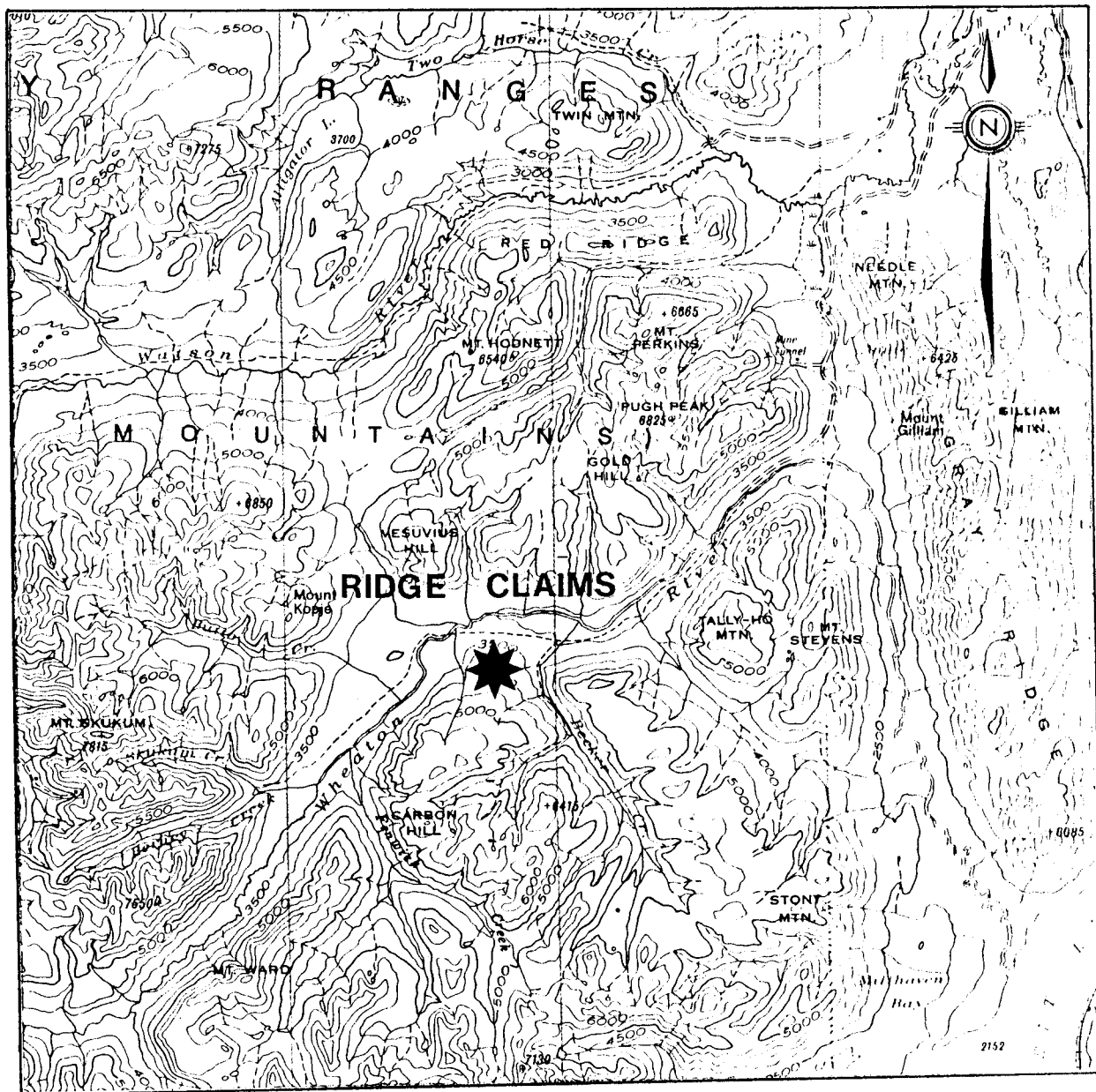


FIGURE 1. LOCATION MAP. The general location of the Ridge property is depicted at a scale of 1:250,000.

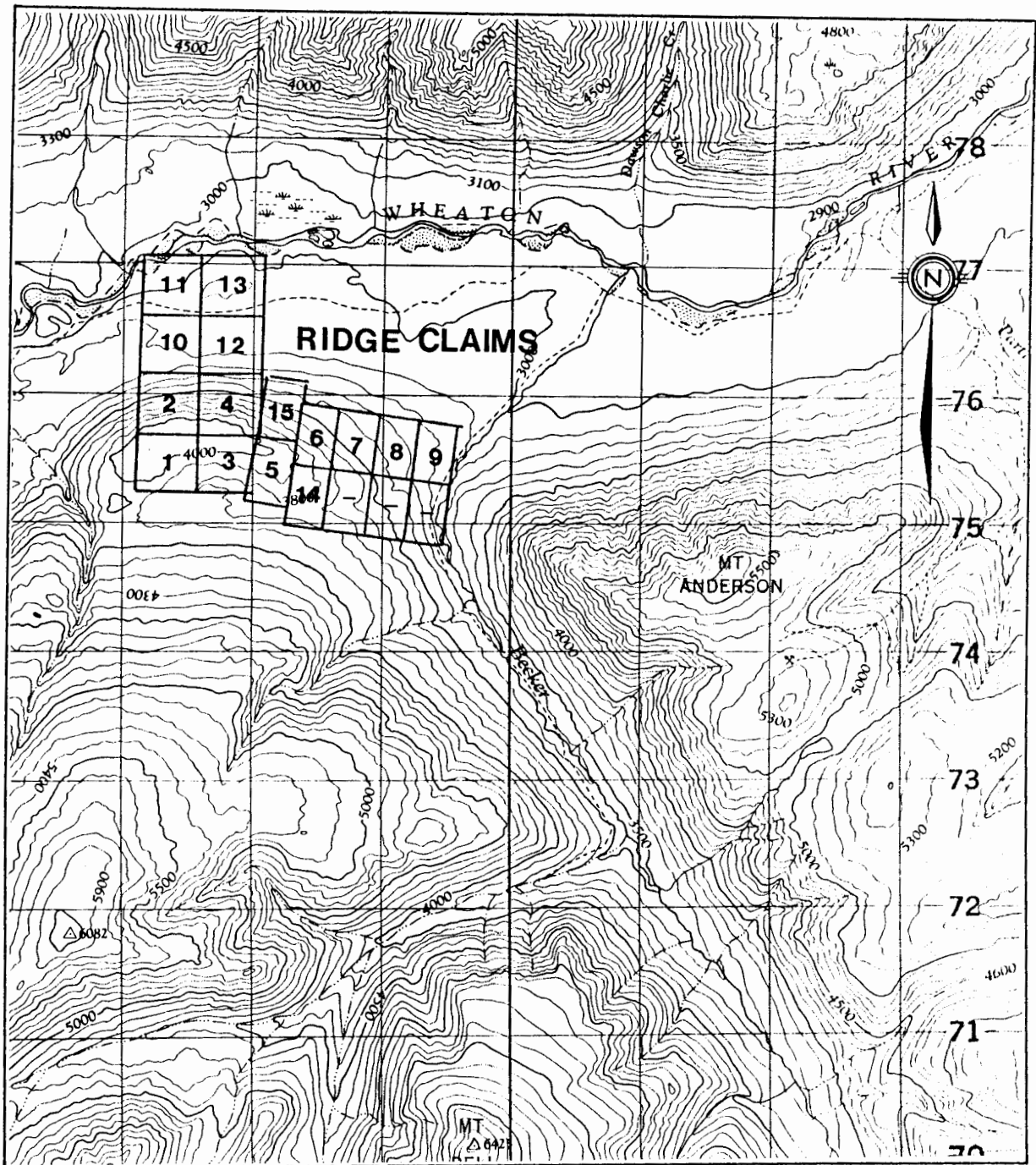


FIGURE 2. PROPERTY TOPOGRAPHY AND ACCESS. The Ridge 1-15 claim group is depicted at a scale of 1:50,000. The Wheaton River Road passes north of the claim group, and the tote trail to Carbon Hill cuts across the northeastern portion of the property.

Claims

The property comprises 15 contiguous claims located under the Yukon Quartz Mining Act (Figure 2), held in Grant No. YA18082 - YA18083 (Ridge 5 and 6) and YA86417-YA864299 (Ridge 1-4, 7-15) by New Ridge Resources Ltd. Current assessment credits for the Ridge 5 and 6 claims expire on 01 January 86, and the Ridge 1-4 and 7-15 claims expire on 14 January 86. Complete claim statistics appear in Table I.

The results of the current program indicate that the Ridge property has significant potential, and assessment work should therefore be filed to obtain the maximum extension available under the Yukon Quartz Mining Act. The 15 claims should be grouped under Section 52(1) Y.Q.M.A. and assessment credits for five years applied under Sections 53(1) and 53(3) Y.Q.M.A. Consideration should be given to securing a "common date" for the renewal period under Section 52(3) Y.Q.M.A., i.e. consolidating the 15 claims into a group with common expiry for administrative ease.

The claim posts that constitute the present property were all located and tagged in the 1985 field program, and chained in to the new grid. A legal survey should be conducted in the course of further exploration to define the actual boundaries of the claim group and to identify any internal fractions that may exist.

Immediate attention should be given to the following recommendations:

1. The ground west of the Ridge 1 and Ridge 2 claims is held by JMT Mining Ltd. in the JMT 1 - 28 claims; there is a substantial fraction of open ground between the two properties that includes the strike extension of two major anomalies discovered in the 1985 field program. This fractional ground should be protected at the earliest opportunity by a string of four claims parallel to the Ridge 1, 2, 10, and 11.

2. Secondary consideration should be given to eventual acquisition of the Bridge 1 - 6 and Bank 1 - 2 claims situated to the northeast of the present property. The current program indicates that at least one anomalous structure may extend on to these claims, and the location of the additional claims would effectively secure access and potential infrastructural sites for the property. The current holder of the Bridge 1 - 6 and Bank 1 - 2 claims is in a favorable position for an initial approach in this regard.

NEW RIDGE RESOURCES LTD. : RIDGE PROPERTY

<u>Claim</u>	<u>Record No.</u>	<u>Expiry Date</u>	<u>Owner of Record</u>
Ridge 1	YA 86417	14 Jan 86	New Ridge Resources Ltd.
Ridge 2	YA 86418	14 Jan 86	New Ridge Resources Ltd.
Ridge 3	YA 86419	14 Jan 86	New Ridge Resources Ltd.
Ridge 4	YA 86420	14 Jan 86	New Ridge Resources Ltd.
Ridge 5	YA 18082	01 Jan 86	New Ridge Resources Ltd.
Ridge 6	YA 18083	01 Jan 86	New Ridge Resources Ltd.
Ridge 7	YA 86421	14 Jan 86	New Ridge Resources Ltd.
Ridge 8	YA 86422	14 Jan 86	New Ridge Resources Ltd.
Ridge 9	YA 86423	14 Jan 86	New Ridge Resources Ltd.
Ridge 10	YA 86424	14 Jan 86	New Ridge Resources Ltd.
Ridge 11	YA 86425	14 Jan 86	New Ridge Resources Ltd.
Ridge 12	YA 86426	14 Jan 86	New Ridge Resources Ltd.
Ridge 13	YA 86427	14 Jan 86	New Ridge Resources Ltd.
Ridge 14	YA 86428	14 Jan 86	New Ridge Resources Ltd.
Ridge 15	YA 86429	14 Jan 86	New Ridge Resources Ltd.

TABLE I CLAIM DATA

Physiography and Climate

The property lies wholly within the Boundary Ranges of the Coast Mountains as described by Bostock, 1948; this region is characterised by extensive, steep walled mountains dissected by polygonal valleys with short, steep streams feeding main valley drainages. In the Wheaton River area, at the northern edge of the Boundary Ranges, relief is tempered by a gradual change into the surrounding Teslin Plateau. Upland areas above major drainage channels display a rounded and smoothed plateau surface devoid of all but alpine vegetation.

The property incorporates the western drainage of Becker Creek immediately south of the Wheaton River between 3000 and 4050 feet in elevation, and includes the northern portion of Carbon Hill.

The climate of the Wheaton River valley is fairly typical of southern Yukon with short, hot summers with temperatures up to 35 degrees Celsius and winters with severe temperatures down to minus 45 degrees Celsius and substantial snowfall. As a general rule, the exploration season for surface work extends from mid-April to late October.

Abundant timber and water for development purposes exist on the Ridge group of claims.

HISTORY

The first prospectors into the Wheaton River District were stampeders enroute to the Klondike from the headwaters of Lake Bennett. The main line of travel was located only ten miles east of the present property. In 1903, the White Pass and Yukon Route railroad was completed, and it is likely that prospectors, hunters and trappers strayed to the west of the rail line in to the Wheaton River valley. The earliest recorded claims in the district were registered by Frank Corwin and Thomas Rickman who located a number of gold showings on Carbon, Chieftan and Idaho Hills in 1893. Corwin and Rickman returned with their gold samples to Juneau, but both died somewhat precipitously without revealing the exact location of their discoveries. A minor stampede to the Wheaton River area ensued, but it wasn't until 1898 than any of their showings were discovered. In that year, W.F. Schnabel and partners discovered auriferous quartz veins on Idaho Hill and Gold Hill.

The Ridge property was first staked as the Fleming claims in July of 1909 by H.E. Porter. Some hand trenching was done in the following years, but no records of significant grades exist. The property was restaked as the Maryann claim (91565) in January of 1965 by Yukon Antimony Corporation, who conducted bulldozer trenching in that year, and restaked as the Ant and Lee claims (Y5968) in May of 1966 by A. Pearse and A. Johns. The XL claims (Y24069) were staked to protect the old workings in March of 1968 by J.B. O'Neill for Idaho Silver Mines, and the property was covered variously by the Jif (Y33887) and Toby claims (Y78776) between 1969 and 1974. The Ridge group (YA8895) was first staked in April of 1977 by D. Lampert on behalf of a syndicate which added further claims and ultimately transferred the property to New Ridge Mines Ltd. in late 1978. New Ridge explored with trenching and magnetometer surveys in 1979, and electromagnetic surveys and 7 percussion holes totalling 1740 feet in 1980.

A portion of the Ridge claim group lapsed in 1985 and was restaked on behalf of New Ridge Resources Ltd. by Rogers Exploration Services Ltd. as the Ridge 1-4 and Ridge 7-15 claims (YA 86417-YA86429) in January of 1985.

The 1985 season saw a marked increase in activity in the area as Erickson Gold Mines Ltd. conducted a pre-production program at the nearby Mt. Skukum gold property. Major ground acquisitions and surface programs were conducted by Noranda Exploration Co. Ltd., Canadian Nickel Co. Ltd., Omni Resources Ltd., Shakwak Exploration Company Limited, Tally Ho Explorations Ltd. and Berglynn Resources Inc.

A crew from Rogers Exploration Services mobilized to the property on the 23rd of October 1985. The access road to the property was upgraded and a base camp constructed. A property grid was established with 9800 meters of surveyed line and approximately 5000 meters of tie lines. Soil samples were collected and analysed from 194 sites on the grid and a VLF-EM survey conducted. Minor geological reconnaissance was conducted over the grid, but severe winter conditions precluded detailed mapping and trenching.

REGIONAL GEOLOGY

The regional geology of the Wheaton River area is described by Cairnes (1916), and Wheeler (1961). Chert, limestone and melanocratic volcanic rocks of the Pennsylvanian and Permian Taku Group lie in fault contact with younger Mesozoic strata. The Upper Triassic Lewes River Group consists of melanocratic volcanic and marine sedimentary rocks and is overlain disconformably by the Jurassic marine and locally coarse grained sedimentary strata of the Laberge Group.

A granitic plutonic complex of Cretaceous age underlies much of the Wheaton River area and locally intrudes the Paleozoic and Mesozoic rocks, and in places encloses isolated roof pendants of the PreCambrian (?) Yukon Group schist, quartzite and gneiss. The intrusive package is in turn intruded by sub-volcanics of the Tertiary Skukum Group including andesites, rhyolites and trachytes of probable Eocene age.

The regional geology of the area is presented in GSC Map 1093-A; regional stratigraphy is presented in Table II.

Yukon Group

The Yukon Group includes predominantly quartz-rich metamorphic rocks in a series of discontinuous outcrop from the West Arm of Bennett Lake to Primrose Lake. In the Wheaton River valley, the Yukon Group includes feldspathic gneiss, gneissic porphyritic granodiorite and quartz diorite with subordinate schist.

The feldspathic gneiss locally contains aplitic layers 2 to 3 inches thick with plagioclase, potash feldspar, quartz, biotite, tan-brown hornblende and clinopyroxene.

The gneissic porphyritic granodiorite and quartz diorite display large feldspar crystals up to 2 inches long. Some of these are lenticular and parallel to the dominant N 10 W foliation and others are tabular in form with axes deviating considerably from local foliation. The feldspar crystals, consisting primarily of potash feldspar and zoned sodic plagioclase are surrounded by a finer matrix of plagioclase, green-brown biotite, epidote and locally blue green hornblende.

The Yukon Group rocks have been deformed into northwest trending folds marked by beds of quartzite and limestone with irregular form and display overturning to the northeast and southwest. The schistosity is consistently parallel with bedding.

The Yukon Group locally grades into foliated quartz diorite characterized by melanocratic lenses, but it is commonly intruded by non-foliated granodiorite, granitic porphyry plugs and dikes of andesite, basalt and rhyolite.

The age of the Yukon Group is in dispute, but very likely it includes rocks of PreCambrian age with some late Paleozoic strata.

Taku Group

The Pennsylvanian (?) to Permian Taku Group includes sedimentary and volcanic rock types. Limestone dominates the sedimentary package and is commonly seen as a poorly bedded, massive grey to white crystalline rock. In places, the limestone occurs as breccia bodies with clasts up to 6 inches in diameter; elsewhere it displays abundant crinoid stems, fusilinids and brachiopods. Chert occurs in the Taku Group as: (1) contorted beds of varicolored ribbon chert associated with greenstone; (2) massive grey chert with limestone interbeds; (3) discrete pods conformable to limestone bedding planes and (4) massive lenses in greenstone. Flows, volcanic breccia and sills of rudely tabular greenstone occur in the Taku Group. These are locally vesicular and amygdaloidal with open space fillings of quartz, calcite, albite, epidote and chlorite. Altered greenstone and dioritic rocks occur throughout the Taku Group.

Lewes River Group

The Upper Triassic Lewes River Group occurs in the Wheaton River area in a belt extending northwest from Bennett to Two Horse Creek. This includes disconnected areas of purple, grey and green volcanic breccia; subordinate greywacke and lenses of grey and pink massive limestone. Near Millhaven Bay and at the mouth of the Watson River, limestones of the Lewes River Group are similar to Norian limestones seen in the Whitehorse Copper Belt.

Laberge Group

The Laberge Group is mainly restricted to a belt of Jurassic rocks 25 miles wide extending from Tagish northwesterly to Lake Laberge. In the Wheaton River area, the Laberge Group is isolated by granitic and volcanic rocks from the more contiguous portions of the belt to the east. Rusty argillites, locally metamorphosed to hornfels, extend from Red Ridge to Mt. Perkins. On Mt. Folle and Idaho Hill, greywacke predominates. The south end of Gray Ridge includes greywacke, friable quartzose sandstone and cherty conglomerates.

Coast Intrusions

The Cretaceous Coast Plutonic Complex underlies much of the Wheaton River area and includes granodiorite, granite, quartz monzonite, quartz diorite and allied rocks. The most common rock type in the district is a medium to coarse grey to brown equigranular non-foliated biotite-hornblende granodiorite.

Skukum Group

The Tertiary Skukum Group includes brightly colored andesitic and basaltic breccias, tuffs and lavas. The Skukum Group is divided into three sub-groups: (1) a basal andesitic unit; (2) a medial assemblage of felsic rocks and (3) an upper unit of basaltic rocks.

Tertiary Rhyolite

This includes Tertiary granite porphyry and rhyolite of probable Eocene age. Typically, this unit occurs as pale brown, fine grained volcanic material with phenocrysts of quartz and feldspar up to 1/4 inch diameter. Distribution of stocks and dykes suggest a primary emplacement in ring fractures and similar zones of structural weakness.

CENOZOIC	Tertiary	Granite porphyry, rhyolite. Map Unit 11
		<u>Skukum Group</u> : andesite, basalt, rhyolite and trachyte breccias, tuffs and flows. Map Unit 10
----- UNCONFORMITY -----		
MESOZOIC	Cretaceous	<u>Coast Intrusions</u> : granodiorite, granite, quartz monzonite, quartz diorite, etc. Map Unit 8
	Jurassic	<u>Laberge Group</u> : conglomerate, greywacke, arkose, quartzite, siltstone, argillite, hornfels. Map Unit 4
----- DISCONFORMITY -----		
	Upper Triassic	<u>Lewes River Group</u> : volcanic greywacke, siltstone, argillite, limestone, limestone breccia, conglomerate; volcanic breccia, agglomerate, tuff; andesite, porphyritic andesite and basalt. Map Unit 3
PALEOZOIC	Pennsylvanian and or Permian	<u>Taku Group</u> : limestone, limestone breccia, chert; greenstone and pyroclastics. Map Unit 2
PALEOZOIC AND PRECAMBRIAN		<u>Yukon Group</u> : quartz-mica and quartz-chlorite schists; quartzite, gneiss and amphibolite; feldspathic gneiss, gneissic granitic rocks and gneiss; crystalline limestone. Map Unit 1

TABLE II REGIONAL STRATIGRAPHIC COLUMN

LOCAL GEOLOGY

The 1985 field program was initiated in the latter part of October, and the scope of geological investigation and surficial mapping was accordingly limited by the extensive snow cover extant on the property at that time. This description of property level geology must therefore depend upon the earlier examinations conducted by the author and upon the limited outcrop examined in this program; detailed geological investigation and production of a definitive geological map will be addressed in later exploration of the Ridge property.

The Ridge property appears to be primarily underlain by Cretaceous biotite-hornblende quartz diorite or granodiorite of the Coast Plutonic Complex. The north-central portion of the property appears to be a large roof pendant of finely textured green to grey hornblende gneiss of the Yukon Group. The margins of the roof pendant are generally indistinct at the contact with the intrusive; but observed spatial relationships and the development of a fine grained chill margin in the intrusive suggests that the gneiss is wholly contained within the intrusive and is a stopped roof pendant.

The contact between the intrusive and the metamorphic rocks trends nearly east-west across the property in the central portion of the claims. In several exposures, an intense metasomatic alteration of the gneiss is evident, with well developed magnetite, specularite, pyrrhotite, chalcopyrite, pyrite, galena, quartz, calcite, epidote, actinolite and grossular garnet in lenticular skarn zones within the gneiss. These zones were the chief focus of previous exploration on the claim group, with particular emphasis on copper and nickel values.

Dike swarms of Eocene rhyolite identified by other workers on the extreme western border of the Ridge property may extend into the central portion of the claim group. The inferred extension of the high level intrusive onto the property is a high priority target for future exploration as there is a proven relationship between the rhyolitic unit and significant gold values in the Wheaton River district.

MINERALIZATION

Two mineralized zones have been identified to date on the Ridge property: the "A" zone (or Fleming showing) and the "B" zone (or Lampert showing). The "A" zone was first described in 1912 by Cairnes and the "B" zone was first described in 1978 by Tully.

The "A" zone (located at 400 E by 075 N on the present grid as seen in Figure 10) has been explored intermittently since the turn of the century and comprises a skarnified section of Yukon Group gneiss near the margin of the Cretaceous granodiorite intrusive. The gneissic bands trend at 162 degrees, approximately orthogonal to the local intrusive contact, and display varied dip from 60 degrees north to 60 degrees south. Magnetite, specularite, chalcopyrite, pyrite, pyrrhotite, malachite, azurite, calcite, quartz, epidote, chlorite, actinolite and grossular garnet occur in a metasomatically altered zone up to 30 feet in width exposed in trenches covering at least 100 feet of open strike length. A coarse zoning from the central portion of the mineralized zone to the margin (magnetite-specularite-pyrrhotite) - (chalcopyrite-pyrite-malachite-azurite) - (calcite-quartz-epidote) - unaltered gneiss is present. The magnetite is typically massive in form, although somewhat granular in some locations, and usually carrying patchy blobs of chalcopyrite. Specularite typically occurs in radiating clusters and rosettes. Pyrite is a minor constituent of the mineral assemblage and is typically closely tied to chalcopyrite and pyrrhotite. Cairnes reported gold values of \$2.00 per ton in this zone in 1912; this would translate roughly to 0.12 OPT Au but this value should be considered in light of the analytical techniques of the period. Tully's 1978 investigation of the "A" zone returned assays of 0.002 OPT Au, 0.40 OPT Ag, 0.10% Zn, 0.13% Cu and 0.009 % Co in the only sample taken.

The "B" Zone was discovered in 1978 by Don Lampert and Stan Pratt and is located at 1000 E by 250 S on the present grid (Figure 10). This zone comprises a limonitic skarn zone developed in the Yukon Group gneiss north of the contact with the Cretaceous intrusive. The zone is approximately 10 feet in width and exposed for 50 feet of strike length trending at 065 degrees and dipping 70 degrees north. Tully (1978) reported grab samples assaying 0.002 OPT Au, 0.34 OPT Ag, 7.06% Zn, 0.009% Cu and 0.004% Co across a ten foot width and 0.064 OPT Au, 2.78 OPT Ag, 1.09% Zn, 0.012% Cu and 0.003% Co across an eight foot width.

Six grab samples from the "B" zone collected in 1985 were analysed for Cu, Pb, Zn, Ni, Co, Ag and Au (Appendix I). The samples returned only moderate amounts of mineralization with the best result (No. 13177D) showing 0.05% Cu, 2.81% Pb, 2.92% Zn, 0.01% Ni, 0.006% Co, 0.26 OPT Ag and 0.003 OPT Au.

The "A" Zone was not sampled in the 1985 field program due to excessive snow cover. It is recommended that both trenches be excavated early in the 1986 field season and a program of systematic sampling be conducted in conjunction with other exploration on the property.

SUMMARY OF EXPLORATION

The author examined the property on the 3rd to 6th of January 1985 and on the 1st of September 1985 on behalf of New Ridge Resources Ltd. A proposal for preliminary exploration was prepared (Rogers, 1985) recommending geological, geochemical and geophysical investigations for the current field season with an estimated budget of \$ 27,000. A management agreement was entered into on the 21st of September 1985 and a field crew from Rogers Exploration Services mobilized to the property on the 23rd of October 1985. Camp construction and linecutting were subcontracted to Frontier Exploration Services Ltd. of Whitehorse; field crew for the project included the author, S. Hill and J. Byrne of Whitehorse and M. Crawshay of Haines Junction.

Camp Construction and Access Road

A base camp was established at the old New Ridge Mines campsite halfway between Becker Creek and the "B" Zone showings. Several days were spent in constructing tent pads and outbuildings to service the program. The access road from Becker Creek was plowed out to facilitate truck access, and considerable clearing of brush and fallen trees done to improve the right of way. A severe winter storm coincided with the initiation of the field program, and some delays due to the excessive snowfall and low temperatures were encountered. On completion of the camp facility, the primary method of transport on the property switched to snowmobiles, although the access road was kept plowed for supply trips to Whitehorse. No helicopter support was required in the 1985 season and the attendant reduction in logistical cost helped the budget considerably.

Linecutting

A new grid was established on the property with a baseline bearing 090 degrees and orthogonal cross lines. The grid station 000 E by 000 N was located 75 meters south of the No. 1 Post of the Ridge 1 and Ridge 2 claims (Figure 3) and the baseline extended 1500 meters east of the origin. Crosslines were cut at 100 meter intervals, and extended north to the edge of a precipitous cliff above the Wheaton River, and south to the margin of the claim group. Tie lines were chained parallel to the baseline at the end of crosslines to provide survey control, and claim posts and trenches chained in to the grid. In total, 9800 meters of cut line and 5000 meters of tie line were established. The property grid was completed on the 30 October 1985.

Geochemical Survey

Soil geochemical surveys were conducted on the grid by J. Byrne and M. Crawshay from the 31st of October to the 12th of November 1985. Samples were collected from 194 sites at 50 meter intervals on all grid lines and analysed for Cu, Co, Pb, Zn, As, Sb, Au and Ag.

Samples were collected with a mattock to a minimum depth of one foot to intercept the "B" horizon soils. Where the latter horizon was unavailable or indeterminate, samples were taken of the "C" horizon. Field notes were made of each sample site, detailing soil texture, moisture, organic composition, color, clay content, etc. to aid in later interpretation. Samples were placed in Kraft high strength "Wet Proof" sample bags measuring 3.5 inches by 6.0 inches and marked with indelible felt pen as to grid coordinates. Sample size was typically 0.5 to 1.0 kg. The samples were transported to camp for drying and collation, and then to Whitehorse for packaging. Boxed samples were shipped to Chemex Labs Ltd. of North Vancouver, B.C. for geochemical analyses.

Samples received at Chemex are dry sieved through a -80 mesh screen. The +80 mesh fraction is discarded. Analysis for Cu, Co, Pb, Zn and Ag is preceded with perchloric-nitric acid digestion. Analysis for As and Sb require specific digestion techniques prior to analysis, and Au is preconcentrated for fire assay and atomic absorption. Geochemical results are presented in Figures 4 to 7, and summary statistics for the geochemical survey appear in Table III. Threshold values for the analysed elements are as follows: Cu - 57.65, Co - 18.23, Pb - 48.22, Zn - 347.81, As - 14.83, Sb - 2.39, Au - 13.86, As - 14.83.

Four primary zones of geochemical anomaly are identified from the survey, and presented in the compilation of Figure 10.

A strong cluster of geochemical anomalies with maximum values up to Cu - 100, Co - 28, Pb - 100, Zn - 380, As - 19 and Au - 15 occurs in a sinuous band south of the "A" Zone, and extends from 200 E by 000 N to 600 E by 150 S. This feature coincides with a magnetic high reported in Tully (1979), and is central to the strongest VLF - EM conductor identified in the current program. The apparent peak of the geochemical anomaly is situated at 500 E by 100 S.

A zone of high Au, As and Sb with moderately anomalous Cu and Zn occurs in the southwestern portion of the grid between 000E and 800 E by 400 S. This feature appears to have a well developed zoning from west to east with progressive values in Zn - Cu - As - Sb - Au, and closely parallels a VLF - EM conductor extending west from the "B" zone trenches. There is no single geochemical peak to this anomalous feature.

A zone of scattered but anomalous Cu - Co - Ag - Ag occurs in the southeastern portion of the grid centered about 1400 E by 400 S in the vicinity of old trenching.

An isolated zone of elevated Au - Sb occurs on the baseline north of the "B" Zone, with Au values up to 45 ppb. This anomaly, centered at 950 E by 000 N does not appear to coincide with any other anomalous feature and as such is of relatively lower priority than the previous anomalies.

Element	Cu	Co	Pb	Zn	As	Sb	Au	Ag
	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm
Mean	25.49	9.09	21.06	139.23	6.55	0.89	6.08	0.23
Std. Deviation	16.08	4.57	13.58	104.29	4.14	0.75	3.89	0.23
Variance	258.52	20.89	184.46	10876	17.17	0.57	15.14	0.05
Median	55	15	60	360	12.5	1.4	12.5	0.8
Threshold	57.65	18.23	48.22	347.81	14.83	2.39	13.86	0.69
Population	194	194	194	194	194	194	194	194

Table III. SUMMARY OF GEOCHEMICAL STATISTICS

Geophysical Survey

A VLF - EM electromagnetic survey was conducted over the grid area between the 12th and 17th of November 1985 by M. Crawshay. A Phoenix VLF - 2 unit was employed in the survey, with stations spaced at 25 meters on all grid lines. Figure 8 shows the raw dip angle data, and Figure 9 displays the Fraser Filter data for the survey. The transmitter used for the survey was Hawaii (23.4 kHz); attempts to employ the Seattle (18.6 kHz) station were unsuccessful as the transmitter was out of service during the field program.

The VLF - EM technique utilizes the horizontal primary electromagnetic field generated by VLF marine communication stations broadcasting in the 15.0 to 25.0 kHz range. Variations in conductivity in the survey area create secondary fields with a measurable vertical component and variable field strength or amplitude. The Phoenix VLF-2 unit measures these variations as the relative field strength and dip angle of the secondary field.

Dip angle field data were processed through a "Fraser Filter", a mathematical algorithm which transforms raw dip angle data into contourable values. Using this filter, conductors appear in plan as strong contoured highs.

Four zones of anomalous conductivity were detailed in the survey.

A strong, bifurcate east - west conductor extends from 000 E by 000 N to 700 E by 100 S in the area of the "A" Zone. The north fork of the conductor extends through Trench 77 - 1 and Trench 78 - 4; the south fork is strongly concave south, and extends from 100 E by 200 S to 500 E by 200 S. The conductor straddles the principal geochemical anomaly generated in the current survey, and a strong magnetic linear reported in Tully (1979).

A strong sinuous conductor appears in the southwestern portion of the grid, extending from 300 E by 400 S to 800 E by 300 S, and cuts through Trench 77-2. This feature coincides with an extended geochemical anomaly from the current survey, and appears to line up directly with the "B" Zone trenches.

A broken conductor leads from 1000 E by 550 S to 1400 E by 550 S in the southeastern portion of the grid. This feature includes a portion of a large magnetic anomaly reported by Tully (1979), but has no supporting geochemical anomalies.

A set of three broken conductors occurs in the area north and east of the "B" Zone between 000 N and 300 S; these conductors have a maximum length of 200 meters and no supporting magnetic or geochemical expression.

CONCLUSIONS

The Ridge property has significant potential for the development of reserves of Cu - Au (Pb - Zn) skarn mineralization. Exploration to date has defined two zones with modest mineralization exposed in limited trenching.

The 1985 field program identified six discrete anomalies for further investigation (Figure 10), detailed below in order of priority.

1) The strongest coincident anomaly occurs in a sinuous band south of the "A" Zone, extending from 200 E by 000 N to 600 E by 150 S. This zone carries the highest geochemical values on the property, and has coincident VLF-EM and magnetometer anomalies. The displacement of the geophysical features and downhill smearing of the geochemical anomaly due to solifluction suggest that the area of prime interest for future investigation should be along the baseline 000 N from 200 E to 500 E; it would appear that the 1909 trenches in the "A" Zone are slightly north of the strongest portion of the anomaly, and likely represent the proximal margin of a concealed endoskarn.

2) A zone of elevated geochemical response coincides with a sinuous VLF-EM conductor in the southern portion of the grid, extending from 000 E by 400 S to 800 E 400 S and appears to line up directly with the "B" Zone trenching. This feature has no magnetometer response, but is distinct from the "A" zone anomaly in displaying significant gold soil geochemical values, and may consequently represent an auriferous zone with limited magnetic signature. This anomaly may offer a considerable strike extension to the "B" Zone mineralization.

3) A zone of coincident VLF-EM and magnetometer response occurs in the southeastern portion of the grid, with a broken VLF-EM linear intersecting a symmetrical magnetic anomaly at 1000 E by 550 S. The magnetic anomaly, dating to 1979, has apparently not been explored on surface, and although geochemical response in this area is minimal, follow up is warranted.

4) A zone of elevated geochemical response appears east of the "B" Zone in the vicinity of Trenches 78-5 and 78-6. No coincident VLF-EM or magnetic signature is apparent.

5) An isolated zone of elevated Au - Sb geochemistry occurs on baseline 000 N at 900 E and should be examined for similarity to No. 2 above.

6) A zone of broken VLF-EM conductors with minimal geochemical and magnetic signature occurs north and east of the "B" Zone, and likely reflects structural features and not economic mineralization.

Further investigation is indicated on these anomalies. Initial focus should be centered on extending the known mineralized zones, and exploration should accordingly be directed at the first two anomalies detailed above. Detailed grids should be established over these anomalies, with 20 meter line separation. A VLF-EM survey with a 10 meter station interval and geochemical survey with a 20 meter sample interval should be conducted on the detailed grids and a proton precession magnetometer survey conducted over the entire property grid. Geological mapping at a scale of 1:2500 on an orthophotograph base should be completed at the earliest stage of the 1986 season. The primary object of the 1986 surface investigation should be to identify prime anomalies for bulldozer trenching and possible diamond drilling late in the 1986 season.

The mineralization exposed to date on the Ridge property is of sufficient grade to warrant further and more detailed investigation of the present property.

Consideration should be given to protecting the strike extension of the major anomalies on the fractional ground west of the Ridge 1 and 2 claims, and acquiring the Bridge 1-6 and Bank 1-2 claims north and east of the present property.

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- Wheeler, J.O. (1961) Whitehorse Map - Area, Yukon Territory. G.S.C. Memoir 312; pp. 133-4.

CERTIFICATE

I, Randall Stewart Rogers, of the City of Whitehorse
in the Yukon Territory, DO HEREBY CERTIFY:

1. THAT I am a consulting professional geologist with
offices located at 32 Marion Crescent, Whitehorse,
Yukon Territory;
2. THAT I am a Professional Geologist (P.Geol.) licenced
by the Association of Professional Engineers, Geologists
and Geophysicists of Alberta;
3. THAT I am a graduate of the University of British
Columbia with the degree of Bachelor of Science (Honors)
in Geology;
4. THAT I am a graduate of Queen's University at Kingston,
Ontario with the degree of Master of Science in Mineral
Exploration;
5. THAT I am a member of the Canadian Institute of Mining
and Metallurgy;
6. THAT I am a member of the Geological Association of
Canada;
7. THAT I personally examined the property herein described
as the Ridge 1-15 mineral claim group from the 3rd to the
6th of January, 1985 and on the 1st of September, 1985;
and that I supervised the program of exploration herein
described;
8. THAT I have no interest, direct or indirect, in any of
the securities or properties of New Ridge Resources Ltd.
Ltd. and do not expect to receive or acquire any;
9. THAT I consent to the use of this report for the
purposes of financing New Ridge Resources Ltd. and for
such other purposes as may be deemed appropriate by the
directors of New Ridge Resources Ltd.

DATED at the City of Whitehorse, Yukon;
this 15th day of December, A.D. 1985.



Randall Stewart Rogers M.Sc., P.Geol.



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212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984 0221
Telex: 043 52597

CERTIFICATE OF ASSAY

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P.O. BOX 4488
WHITEHORSE, YUKON
Y1A 2R8

** CERT. # : A8517976-001-A
INVOICE # : 18517976
DATE : 8-NOV-85
P.O. # : NONE
RIDGE

Sample description	Prep code	Cu %	Pb %	Zn %	Ni %	Co %	Ag FA oz/T
13176 D	207	0.06	1.10	1.24	<0.01	0.003	0.16
13177 D	207	0.05	2.81	2.92	<0.01	0.006	0.26
13178 D	207	0.06	0.06	0.06	<0.01	0.004	0.04
13179 D	207	0.06	0.02	0.02	<0.01	0.003	0.06
13180 D	207	0.06	<0.01	0.01	<0.01	0.002	0.10
13181 D	207	0.05	<0.01	0.01	<0.01	0.002	0.08

W. Sturman

.....
Registered Assayer, Province of British Columbia





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North Vancouver, B.C.
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Telex: 043 52597

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RIDGE

Sample description	Prep code	Au FA oz/T						
13176 D	207	<0.003	--	--	--	--	--	--
13177 D	207	<0.003	--	--	--	--	--	--
13178 D	207	<0.003	--	--	--	--	--	--
13179 D	207	<0.003	--	--	--	--	--	--
13180 D	207	<0.003	--	--	--	--	--	--
13181 D	207	0.003	--	--	--	--	--	--

.....
W. Steve Amadio
.....
Registered Assayer, Province of British Columbia





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North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984 0221
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DATE : 28-NOV-85
P.O. # : NONE
RIDGE

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	AS ppm
0+00E 0+00N	201	8	17	91	0.1	7	7
0+00E 0+50N	201	19	26	100	0.3	15	6
0+00E 1+00N	201	32	25	115	0.3	13	11
0+00E 0+50S	201	16	31	288	0.3	15	5
0+00E 1+00S	203	12	13	69	0.3	8	6
0+00E 1+50S	201	16	20	137	0.2	13	5
0+00E 2+00S	201	20	27	126	0.2	15	5
0+00E 2+50S	201	17	22	89	0.1	11	10
0+00E 3+00S	201	20	27	155	0.2	11	11
0+00E 3+50S	201	34	31	166	0.2	13	9
0+00E 4+00S	201	17	28	240	0.1	12	15
0+50E 0+00N	201	11	11	75	0.1	8	6
1+00E 0+00N	201	68	17	158	0.2	10	6
1+00E 0+50N	201	11	17	64	0.1	8	6
1+00E 0+50S	201	37	30	182	0.1	15	11
1+00E 1+00S	201	13	14	66	0.1	10	6
1+00E 1+50S	201	27	24	160	0.2	11	7
1+00E 2+00S	201	27	20	131	0.2	13	6
1+00E 2+50S	201	24	37	172	0.2	11	6
1+00E 3+00S	201	25	32	160	0.1	13	9
1+00E 3+50S	201	52	44	680	0.4	14	5
1+00E 4+00S	201	50	31	254	0.3	12	11
1+50E 0+00N	201	20	21	75	0.3	11	6
2+00E 0+00N	201	11	13	62	0.2	7	6
2+00E 0+50N	201	8	21	105	0.1	12	3
2+00E 1+00N	201	17	12	52	0.1	8	4
2+00E 1+50N	201	28	43	82	0.7	11	4
2+00E 0+50S	201	35	46	211	1.5	16	12
2+00E 1+00S	201	11	14	109	0.1	8	3
2+00E 1+50S	201	35	31	210	0.1	14	7
2+00E 2+00S	201	62	29	196	0.5	11	3
2+00E 2+50S	201	19	27	240	0.1	11	5
2+00E 3+00S	201	36	43	290	0.3	15	7
2+00E 3+50S	201	45	29	460	0.3	13	9
2+00E 4+00S	201	15	15	86	0.1	9	7
2+50S 0+00N	201	22	18	96	0.1	9	7
3+00E 0+00N	201	13	16	90	0.2	10	4
3+00E 0+50N	201	4	9	53	0.1	5	2
3+00E 1+00N	201	10	13	64	0.1	7	1
3+00E 1+50N	201	14	14	80	0.1	9	2

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North Vancouver, B.C.
Canada V7J 2C1

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DATE : 28-NOV-85
P.O. # : NONE
RIDGE

Sample description	Prep code	Sb ppm	Au ppb FA+AA				
0+00E 0+00N	201	0.8	<5	--	--	--	--
0+00E 0+50N	201	1.0	<5	--	--	--	--
0+00E 1+00N	201	0.6	<5	--	--	--	--
0+00E 0+50S	201	0.6	<5	--	--	--	--
0+00E 1+00S	203	0.3	<5	--	--	--	--
0+00E 1+50S	201	0.6	<5	--	--	--	--
0+00E 2+00S	201	0.6	<5	--	--	--	--
0+00E 2+50S	201	0.5	<5	--	--	--	--
0+00E 3+00S	201	0.6	<5	--	--	--	--
0+00E 3+50S	201	0.6	<5	--	--	--	--
0+00E 4+00S	201	0.5	<5	--	--	--	--
0+50E 0+00N	201	0.2	<5	--	--	--	--
1+00E 0+00N	201	0.3	<5	--	--	--	--
1+00E 0+50N	201	0.3	<5	--	--	--	--
1+00E 0+50S	201	0.5	20	--	--	--	--
1+00E 1+00S	201	0.6	<5	--	--	--	--
1+00E 1+50S	201	0.4	<5	--	--	--	--
1+00E 2+00S	201	0.8	<5	--	--	--	--
1+00E 2+50S	201	0.6	<5	--	--	--	--
1+00E 3+00S	201	0.5	<5	--	--	--	--
1+00E 3+50S	201	0.8	<5	--	--	--	--
1+00E 4+00S	201	0.7	<5	--	--	--	--
1+50E 0+00N	201	0.4	<5	--	--	--	--
2+00E 0+00N	201	0.2	<5	--	--	--	--
2+00E 0+50N	201	0.6	<5	--	--	--	--
2+00E 1+00N	201	0.4	<5	--	--	--	--
2+00E 1+50N	201	0.4	<5	--	--	--	--
2+00E 0+50S	201	0.8	<5	--	--	--	--
2+00E 1+00S	201	0.8	<5	--	--	--	--
2+00E 1+50S	201	0.6	<5	--	--	--	--
2+00E 2+00S	201	0.7	<5	--	--	--	--
2+00E 2+50S	201	0.6	<5	--	--	--	--
2+00E 3+00S	201	0.7	<5	--	--	--	--
2+00E 3+50S	201	0.8	<5	--	--	--	--
2+00E 4+00S	201	0.8	<5	--	--	--	--
2+50S 0+00N	201	0.5	5	--	--	--	--
3+00E 0+00N	201	0.4	<5	--	--	--	--
3+00E 0+50N	201	0.2	<5	--	--	--	--
3+00E 1+00N	201	0.4	<5	--	--	--	--
3+00E 1+50N	201	0.5	<5	--	--	--	--

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Telephone: (604) 984 0221
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P.O. BOX 4488
WHITEHORSE, YUKON
Y1A 2R8

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	AS ppm
3+00E 0+50S	201	45	43	360	0.7	16	10
3+00E 1+00S	201	30	23	190	0.1	12	6
3+00E 1+50S	201	21	25	152	0.2	13	6
3+00E 2+00S	201	38	27	216	0.1	14	3
3+00E 2+50S	201	23	25	335	0.1	13	5
3+00E 3+00S	201	66	31	208	0.7	13	5
3+00E 3+50S	203	17	6	27	0.4	4	4
3+00E 4+00S	203	22	5	122	0.2	3	4
3+50E 0+00N	201	11	18	100	0.1	7	7
4+00E 0+00N	201	11	16	64	0.1	8	7
4+00E 0+50N	201	8	13	118	0.2	8	7
4+00E 1+00N	201	51	10	310	0.2	8	6
4+00E 0+50S	201	60	35	122	0.1	22	23
4+00E 1+00S	201	31	36	133	0.1	16	17
4+00E 1+50S	201	28	33	190	0.2	15	16
4+00E 2+00S	201	23	23	181	0.1	12	7
4+00E 2+50S	201	17	23	232	0.1	11	10
4+00E 3+00S	201	25	7	83	0.2	4	3
4+00E 3+50S	203	10	2	140	0.1	3	3
4+00E 4+00S	201	42	24	198	0.3	11	17
4+50E 0+00N	201	14	23	127	0.1	11	5
5+00E 0+00N	201	26	21	70	0.3	11	7
5+00E 0+50N	201	8	13	50	0.1	8	5
5+00E 1+00N	201	58	26	148	0.2	18	7
5+00E 0+50S	203	32	17	158	0.2	11	7
5+00E 1+00S	201	100	100	380	0.3	28	19
5+00E 1+50S	201	35	33	196	0.2	15	10
5+00E 2+00S	201	37	43	335	0.2	17	10
5+00E 2+50S	201	21	21	252	0.1	12	6
5+00E 3+00S	201	15	6	35	0.2	4	2
5+00E 3+50S	203	60	5	105	0.3	6	3
5+00E 4+00S	201	21	1	241	0.1	7	16
5+50E 0+00N	201	53	26	181	0.2	17	15
6+00E 0+00N	201	31	26	145	0.2	14	9
6+00E 0+50N	201	18	31	116	0.2	17	6
6+00E 1+00N	201	15	35	184	0.1	13	4
6+00E 0+50S	201	27	25	80	0.3	13	6
6+00E 1+00S	201	21	28	101	0.1	14	12
6+00E 1+50S	201	24	22	200	0.1	13	5
6+00E 2+00S	201	24	28	220	0.1	11	9

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212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984 0221
Telex: 043 52597

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INVOICE # : 18518516
DATE : 28-NOV-85
P.O. # : NONE
RIDGE

P.O. BOX 4488
WHITEHORSE, YUKON
Y1A 2R8

Sample description	Prep code	Sb ppm	Au ppb FA+AA				
3+00E 0+50S	201	0.8	<5	--	--	--	--
3+00E 1+00S	201	0.6	<5	--	--	--	--
3+00E 1+50S	201	0.8	<5	--	--	--	--
3+00E 2+00S	201	0.6	<5	--	--	--	--
3+00E 2+50S	201	0.8	<5	--	--	--	--
3+00E 3+00S	201	0.4	<5	--	--	--	--
3+00E 3+50S	203	0.2	<10	--	--	--	--
3+00E 4+00S	203	0.8	<10	--	--	--	--
3+50E 0+00N	201	0.9	<5	--	--	--	--
4+00E 0+00N	201	0.6	5	--	--	--	--
4+00E 0+50N	201	0.4	<5	--	--	--	--
4+00E 1+00N	201	0.2	<5	--	--	--	--
4+00E 0+50S	201	1.0	<5	--	--	--	--
4+00E 1+00S	201	0.8	<5	--	--	--	--
4+00E 1+50S	201	0.6	<5	--	--	--	--
4+00E 2+00S	201	0.4	<5	--	--	--	--
4+00E 2+50S	201	0.6	5	--	--	--	--
4+00E 3+00S	201	0.5	<10	--	--	--	--
4+00E 3+50S	203	0.4	<10	--	--	--	--
4+00E 4+00S	201	2.2	<5	--	--	--	--
4+50E 0+00N	201	1.0	<5	--	--	--	--
5+00E 0+00N	201	0.8	<5	--	--	--	--
5+00E 0+50N	201	0.8	<5	--	--	--	--
5+00E 1+00N	201	0.8	<5	--	--	--	--
5+00E 0+50S	203	0.4	<5	--	--	--	--
5+00E 1+00S	201	0.4	15	--	--	--	--
5+00E 1+50S	201	0.6	10	--	--	--	--
5+00E 2+00S	201	0.6	5	--	--	--	--
5+00E 2+50S	201	0.4	<5	--	--	--	--
5+00E 3+00S	201	0.4	<5	--	--	--	--
5+00E 3+50S	203	1.4	<10	--	--	--	--
5+00E 4+00S	201	1.8	<10	--	--	--	--
5+50E 0+00N	201	1.0	10	--	--	--	--
6+00E 0+00N	201	1.0	<5	--	--	--	--
6+00E 0+50N	201	0.8	15	--	--	--	--
6+00E 1+00N	201	0.8	5	--	--	--	--
6+00E 0+50S	201	1.0	<5	--	--	--	--
6+00E 1+00S	201	0.8	<5	--	--	--	--
6+00E 1+50S	201	0.6	5	--	--	--	--
6+00E 2+00S	201	0.8	<5	--	--	--	--



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CERTIFICATE OF ANALYSIS

TO : ROGERS EXPLORATION SERVICES LTD.,

**

CERT. # : A8518516-003-A
INVOICE # : I8518516
DATE : 28-NOV-85
P.O. # : NONE
RIDGE

P.O. BOX 4488
WHITEHORSE, YUKON
Y1A 2R8

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	AS ppm
6+00E 2+50S	201	31	33	270	0.1	11	25
6+00E 3+00S	201	16	5	99	0.1	1	5
6+00E 3+50S	203	36	2	53	0.1	1	5
6+00E 4+00S	203	14	1	57	0.1	1	9
6+50E 0+00N	201	11	18	71	0.1	7	4
7+00E 0+00N	201	11	22	92	0.1	5	4
7+00E 0+50N	201	12	26	134	0.1	7	6
7+00E 0+50S	201	34	24	101	0.1	11	14
7+00E 1+00S	201	20	23	90	0.1	10	7
7+00E 1+50S	201	12	20	90	0.2	6	9
7+00E 2+00S	201	23	35	185	0.2	10	9
7+00E 2+50S	201	20	25	216	0.1	9	9
7+00E 3+00S	201	20	4	91	0.1	1	6
7+00E 3+50S	203	31	2	40	0.1	1	9
7+00E 4+00S	203	46	5	48	0.2	1	4
7+50E 0+00N	201	11	20	135	0.2	9	6
8+00E 0+00N	201	22	20	68	0.1	10	11
8+00E 0+50N	201	13	17	79	0.1	7	12
8+00E 0+50S	201	12	17	61	0.2	4	4
8+00E 1+00S	201	31	29	127	0.3	12	14
8+00E 1+50S	201	22	22	277	0.1	7	7
8+00E 2+00S	201	21	27	220	0.1	10	11
8+00E 2+50S	201	13	20	194	0.1	8	7
8+00E 3+00S	201	17	19	225	0.1	8	7
8+00E 3+50S	201	30	15	61	0.3	5	6
8+00E 4+00S	201	15	4	145	0.1	2	4
8+50E 0+00N	201	11	17	116	0.1	9	5
9+00E 0+00N	201	22	30	93	0.1	8	6
9+00E 0+50S	201	31	20	43	0.3	7	5
9+00E 1+00S	201	23	18	87	1.0	8	6
9+00E 1+50S	201	18	22	102	0.3	8	10
9+00E 2+00S	201	12	19	98	0.1	9	9
9+00E 2+50S	201	23	42	520	0.2	12	11
9+00E 3+00S	201	12	18	550	0.2	6	4
9+00E 3+50S	201	14	25	310	0.1	9	6
9+00E 4+00S	201	34	12	151	0.1	4	3
9+50E 0+00N	201	18	28	90	0.1	11	10
10+00E 0+00N	201	52	8	78	0.5	13	5
10+00E 0+50N	201	12	17	128	0.1	7	7
10+00E 0+50S	201	11	14	91	0.1	5	3

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North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984-0221
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CERTIFICATE OF ANALYSIS

TO : ROGERS EXPLORATION SERVICES LTD., **

P.O. BOX 4488
WHITEHORSE, YUKON
Y1A 2R8

CERT. # : A8518516-003-8
INVOICE # : 18518516
DATE : 28-NOV-85
P.O. # : NONE
RIDGE

Sample description	Prep code	Sb ppm	Au ppb FA+AA				
6+00E 2+50S	201	1.0	<5	--	--	--	--
6+00E 3+00S	201	0.4	<5	--	--	--	--
6+00E 3+50S	203	0.6	<10	--	--	--	--
6+00E 4+00S	203	0.6	<10	--	--	--	--
6+50E 0+00N	201	1.0	<5	--	--	--	--
7+00E 0+00N	201	0.9	<5	--	--	--	--
7+00E 0+50N	201	1.2	<5	--	--	--	--
7+00E 0+50S	201	0.8	<5	--	--	--	--
7+00E 1+00S	201	0.6	<5	--	--	--	--
7+00E 1+50S	201	0.6	<5	--	--	--	--
7+00E 2+00S	201	0.8	<5	--	--	--	--
7+00E 2+50S	201	0.8	<5	--	--	--	--
7+00E 3+00S	201	2.8	<5	--	--	--	--
7+00E 3+50S	203	2.6	<10	--	--	--	--
7+00E 4+00S	203	1.2	<20	--	--	--	--
7+50E 0+00N	201	0.6	<5	--	--	--	--
8+00E 0+00N	201	1.2	<5	--	--	--	--
8+00E 0+50N	201	0.8	20	--	--	--	--
8+00E 0+50S	201	0.7	<5	--	--	--	--
8+00E 1+00S	201	1.0	<5	--	--	--	--
8+00E 1+50S	201	0.6	<5	--	--	--	--
8+00E 2+00S	201	1.6	<5	--	--	--	--
8+00E 2+50S	201	0.8	20	--	--	--	--
8+00E 3+00S	201	1.4	<5	--	--	--	--
8+00E 3+50S	201	1.2	<5	--	--	--	--
8+00E 4+00S	201	0.5	<5	--	--	--	--
8+50E 0+00N	201	7.0	<5	--	--	--	--
9+00E 0+00N	201	3.0	<5	--	--	--	--
9+00E 0+50S	201	1.8	<5	--	--	--	--
9+00E 1+00S	201	2.6	<5	--	--	--	--
9+00E 1+50S	201	0.4	<5	--	--	--	--
9+00E 2+00S	201	0.6	<5	--	--	--	--
9+00E 2+50S	201	1.6	<5	--	--	--	--
9+00E 3+00S	201	0.4	<5	--	--	--	--
9+00E 3+50S	201	1.0	<5	--	--	--	--
9+00E 4+00S	201	1.4	<5	--	--	--	--
9+50E 0+00N	201	0.6	45	--	--	--	--
10+00E 0+00N	201	1.0	<5	--	--	--	--
10+00E 0+50N	201	0.6	<5	--	--	--	--
10+00E 0+50S	201	0.8	<5	--	--	--	--

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CERTIFICATE OF ANALYSIS

TO : ROGERS EXPLORATION SERVICES LTD.,

**

CERT. # : A8518516-004-A
INVOICE # : I8518516
DATE : 28-NOV-85
P.O. # : NONE
RIDGE

P.O. BOX 4488
WHITEHORSE, YUKON
Y1A 2R8

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	AS ppm
10+00E 1+00S	201	19	30	113	0.1	9	12
10+00E 1+50S	201	22	22	101	0.6	10	2
10+00E 2+00S	201	18	38	700	0.7	7	9
10+00E 2+50S	201	11	46	225	0.2	6	5
10+00E 3+00S	201	17	21	118	0.1	8	5
10+00E 3+50S	201	20	19	228	0.1	6	5
10+00E 4+00S	201	16	20	93	0.1	7	6
10+00E 4+50S	201	24	13	47	0.1	5	3
10+00E 5+00S	203	28	2	98	0.1	8	5
10+00E 5+50S	201	14	8	25	0.2	3	3
10+50E 0+00N	203	15	9	39	0.1	2	2
11+00E 0+00N	201	18	25	88	0.1	9	3
11+00E 0+50S	201	16	26	94	0.2	8	22
11+00E 1+00S	201	25	22	84	0.3	11	6
11+00E 1+50S	201	12	16	101	0.2	6	3
11+00E 2+00S	203	34	33	121	0.2	11	6
11+00E 2+50S	201	54	25	191	0.2	12	7
11+00E 3+00S	201	34	29	146	0.1	14	5
11+00E 3+50S	201	12	15	120	0.1	6	3
11+00E 4+00S	201	16	20	170	0.2	10	4
11+00E 4+50S	201	12	14	126	0.1	6	3
11+00E 5+00S	201	52	15	122	0.2	8	11
11+00E 5+50S	201	60	9	46	0.4	4	3
11+00E 6+00S	201	47	13	80	0.4	6	9
11+50E 0+00N	201	31	22	161	0.7	10	6
12+00E 0+00N	201	38	29	179	0.4	15	4
12+00E 0+50N	201	22	26	134	0.1	9	5
12+00E 1+00N	201	33	26	158	1.0	14	2
12+00E 1+50N	201	10	24	80	0.1	6	4
12+00E 2+00N	201	18	17	115	0.1	7	3
12+00E 0+50S	201	15	17	110	0.1	8	3
12+00E 1+00S	201	106	26	223	0.8	17	9
12+00E 1+50S	201	11	16	85	0.1	7	5
12+00E 2+00S	201	60	10	105	0.3	7	14
12+00E 2+50S	201	51	14	61	0.3	6	10
12+00E 3+00S	201	44	17	76	0.2	7	11
12+00E 3+50S	201	24	6	32	0.1	3	1
12+00E 4+00S	201	12	6	21	0.3	2	4
12+50E 0+00N	201	40	24	96	0.3	10	10
13+00E 0+00N	201	61	10	43	0.5	4	4



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CERTIFICATE OF ANALYSIS

TO : ROGERS EXPLORATION SERVICES LTD., **

P.O. BOX 4488
WHITEHORSE, YUKON
Y1A 2R8

CERT. # : A8518516-004-B
INVOICE # : 18518516
DATE : 28-NOV-85
P.O. # : NONE
RIDGE

Sample description	Prep code	Sb ppm	Au ppb FA+AA				
10+00E 1+00S	201	1.6	<5	--	--	--	--
10+00E 1+50S	201	0.6	10	--	--	--	--
10+00E 2+00S	201	0.8	<5	--	--	--	--
10+00E 2+50S	201	0.4	<5	--	--	--	--
10+00E 3+00S	201	0.8	<5	--	--	--	--
10+00E 3+50S	201	0.5	<5	--	--	--	--
10+00E 4+00S	201	1.0	<5	--	--	--	--
10+00E 4+50S	201	0.9	<5	--	--	--	--
10+00E 5+00S	203	1.4	<5	--	--	--	--
10+00E 5+50S	201	0.8	<5	--	--	--	--
10+50E 0+00N	203	0.6	<5	--	--	--	--
11+00E 0+00N	201	0.8	<5	--	--	--	--
11+00E 0+50S	201	1.0	<5	--	--	--	--
11+00E 1+00S	201	0.6	<5	--	--	--	--
11+00E 1+50S	201	0.6	<5	--	--	--	--
11+00E 2+00S	203	1.6	<5	--	--	--	--
11+00E 2+50S	201	1.0	<5	--	--	--	--
11+00E 3+00S	201	0.8	<5	--	--	--	--
11+00E 3+50S	201	0.6	<5	--	--	--	--
11+00E 4+00S	201	1.4	<5	--	--	--	--
11+00E 4+50S	201	0.6	<5	--	--	--	--
11+00E 5+00S	201	2.2	<5	--	--	--	--
11+00E 5+50S	201	2.0	<5	--	--	--	--
11+00E 6+00S	201	1.0	<5	--	--	--	--
11+50E 0+00N	201	0.6	<5	--	--	--	--
12+00E 0+00N	201	1.0	<5	--	--	--	--
12+00E 0+50N	201	1.2	<5	--	--	--	--
12+00E 1+00N	201	0.6	<5	--	--	--	--
12+00E 1+50N	201	1.0	<5	--	--	--	--
12+00E 2+00N	201	0.6	<5	--	--	--	--
12+00E 0+50S	201	0.6	<5	--	--	--	--
12+00E 1+00S	201	1.0	<5	--	--	--	--
12+00E 1+50S	201	0.8	<5	--	--	--	--
12+00E 2+00S	201	1.8	<5	--	--	--	--
12+00E 2+50S	201	1.2	<5	--	--	--	--
12+00E 3+00S	201	1.0	<5	--	--	--	--
12+00E 3+50S	201	1.4	<5	--	--	--	--
12+00E 4+00S	201	1.0	<5	--	--	--	--
12+50E 0+00N	201	0.8	<5	--	--	--	--
13+00E 0+00N	201	0.8	<5	--	--	--	--

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Telephone: (604) 984 0221
Telex: 043 52597

CERTIFICATE OF ANALYSIS

TO : ROGERS EXPLORATION SERVICES LTD., **

P.O. BOX 4488
WHITEHORSE, YUKON
Y1A 2R8

CERT. # : A8518516-005-A
INVOICE # : I8518516
DATE : 28-NOV-85
P.O. # : NONE
RIDGE

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	AS ppm
13+00E 0+50N	201	19	21	168	0.2	8	3
13+00E 1+00N	201	43	28	156	1.1	8	5
13+00E 1+50N	201	24	16	104	0.2	8	3
13+00E 2+00N	201	12	15	57	0.1	7	3
13+00E 0+50S	201	63	38	186	0.9	18	9
13+00E 1+00S	201	27	38	376	0.4	18	3
13+00E 1+50S	201	11	15	96	0.1	8	6
13+00E 2+00S	201	10	15	63	0.1	7	5
13+00E 2+50S	201	34	14	100	0.2	8	7
13+00E 3+00S	201	35	11	102	0.2	7	7
13+00E 3+50S	201	19	29	110	0.1	15	9
13+00E 4+00S	201	27	19	43	0.1	9	3
13+50E 0+00N	201	11	20	219	0.3	10	3
14+00E 0+00N	201	12	24	168	0.2	7	3
14+00E 0+50N	201	20	15	58	0.3	6	2
14+00E 1+00N	201	13	6	60	0.1	2	1
14+00E 1+50N	201	26	18	41	0.1	7	3
14+00E 2+00N	201	30	4	18	0.1	3	2
14+00E 0+50S	201	15	30	88	0.1	5	4
14+00E 1+00S	201	12	6	53	0.9	3	2
14+00E 1+50S	201	12	24	97	0.1	9	2
14+00E 2+00S	201	36	15	90	0.8	7	4
14+00E 2+50S	201	33	10	38	0.3	4	4
14+00E 3+00S	201	14	3	27	0.1	3	2
14+00E 3+50S	201	19	8	38	0.3	4	2
14+00E 4+00S	201	12	5	37	0.1	4	2
14+50E 0+00N	201	9	23	70	0.1	8	4
15+00E 0+00N	201	15	12	220	0.1	6	2
15+00E 0+50N	201	24	9	33	1.2	4	2
15+00E 1+00N	201	26	120	115	0.3	30	5
15+00E 1+50N	201	23	6	71	0.1	4	2
15+00E 2+00N	201	40	6	22	0.1	3	1
15+00E 0+50S	201	20	24	200	0.5	6	2
15+00E 1+00S	201	10	19	75	0.2	9	6



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North Vancouver, B.C.
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CERTIFICATE OF ANALYSIS

TO : ROGERS EXPLORATION SERVICES LTD.,

**

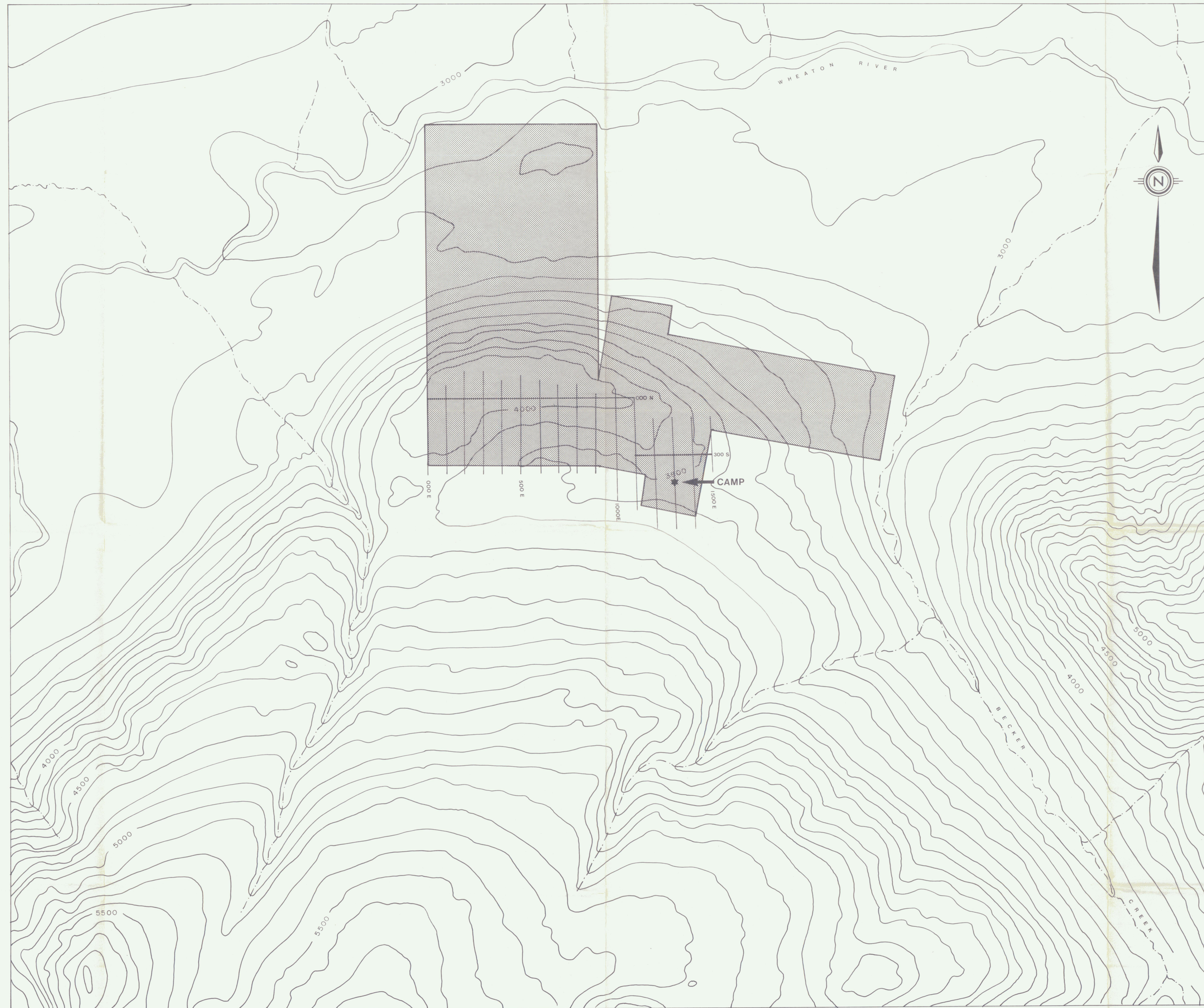
CERT. # : A8518516-005-B
INVOICE # : 18518516
DATE : 28-NOV-85
P.O. # : NONE
RIDGE

P.O. BOX 4488
WHITEHORSE, YUKON
Y1A 2R8

Sample description	Prep code	Sb ppm	Au ppb FA+AA				
13+00E 0+50N	201	0.5	<5	--	--	--	--
13+00E 1+00N	201	0.3	<5	--	--	--	--
13+00E 1+50N	201	0.4	<5	--	--	--	--
13+00E 2+00N	201	0.5	<5	--	--	--	--
13+00E 0+50S	201	0.9	<5	--	--	--	--
13+00E 1+00S	201	0.9	<5	--	--	--	--
13+00E 1+50S	201	0.6	<5	--	--	--	--
13+00E 2+00S	201	0.2	<5	--	--	--	--
13+00E 2+50S	201	0.7	<5	--	--	--	--
13+00E 3+00S	201	0.8	<5	--	--	--	--
13+00E 3+50S	201	0.6	<5	--	--	--	--
13+00E 4+00S	201	1.2	<5	--	--	--	--
13+50E 0+00N	201	0.8	<5	--	--	--	--
14+00E 0+00N	201	1.0	<5	--	--	--	--
14+00E 0+50N	201	0.1	<5	--	--	--	--
14+00E 1+00N	201	0.1	<10	--	--	--	--
14+00E 1+50N	201	0.8	<5	--	--	--	--
14+00E 2+00N	201	0.1	<10	--	--	--	--
14+00E 0+50S	201	1.2	<5	--	--	--	--
14+00E 1+00S	201	0.2	<10	--	--	--	--
14+00E 1+50S	201	1.0	<5	--	--	--	--
14+00E 2+00S	201	1.4	<5	--	--	--	--
14+00E 2+50S	201	1.0	<5	--	--	--	--
14+00E 3+00S	201	0.8	<5	--	--	--	--
14+00E 3+50S	201	1.2	<10	--	--	--	--
14+00E 4+00S	201	0.4	<10	--	--	--	--
14+50E 0+00N	201	1.6	<5	--	--	--	--
15+00E 0+00N	201	0.3	<5	--	--	--	--
15+00E 0+50N	201	1.4	<5	--	--	--	--
15+00E 1+00N	201	1.1	<5	--	--	--	--
15+00E 1+50N	201	1.3	<10	--	--	--	--
15+00E 2+00N	201	1.6	<5	--	--	--	--
15+00E 0+50S	201	0.4	<5	--	--	--	--
15+00E 1+00S	201	1.0	<5	--	--	--	--

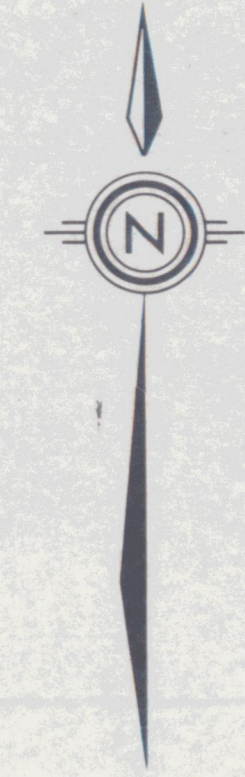
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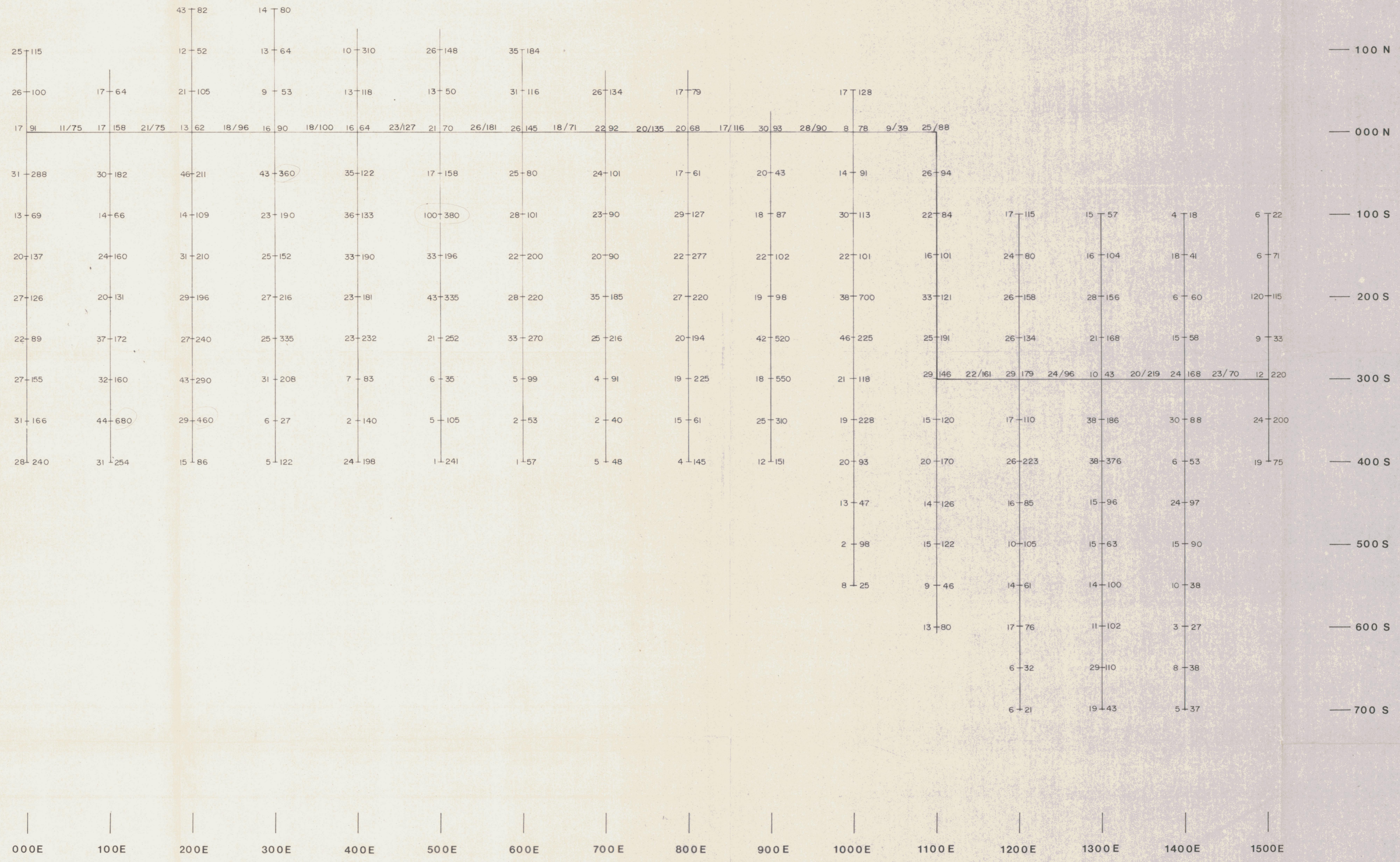
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REVISED	NEW RIDGE RESOURCES LTD.	
	CLAIM BOUNDARY AND GRID LOCATION	
	RIDGE CLAIM GROUP	
PROJ. No.	SURVEY BY: R.S.R.	DATE: 31 OCTOBER 85
N.T.S. 1050/3	DRAWN BY: R.S.R.	SCALE: 1:10,000
DWG. No.	3	
	ROGERS EXPLORATION SERVICES LTD.	



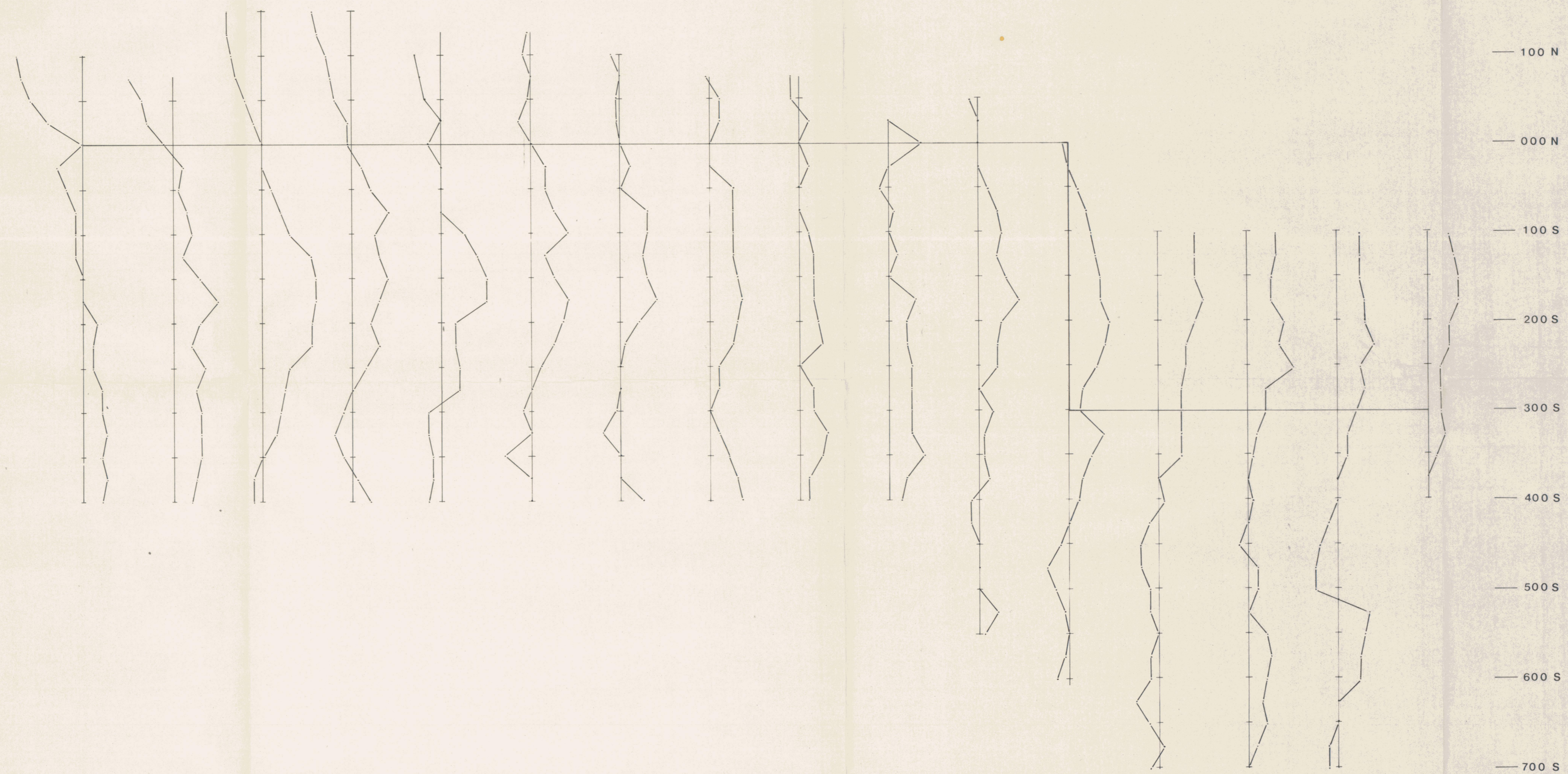
091771

REVISED	NEW RIDGE RESOURCES LTD.	
	GEOCHEMICAL SURVEY : Cu , Co	
	RIDGE PROPERTY GRID	
PROJ. No.	SURVEY BY : BSR	DATE : 15 DEC 85
N.T.S. J0507/3	DRAWN BY : RSR	SCALE : 1 : 2500
DWG. No.	4	
	ROGERS EXPLORATION SERVICES LTD.	



091771

REVISED	NEW RIDGE RESOURCES LTD.		
	GEOCHEMICAL SURVEY : Pb , Zn		
	RIDGE PROPERTY GRID		
PROJ. No.	SURVEY BY : RSR	DATE	15 DEC 85
N.T.S. 105DZ.3	DRAWN BY : RSR	SCALE	1 : 2500
DWG. No.	5		
	ROGERS EXPLORATION SERVICES LTD.		

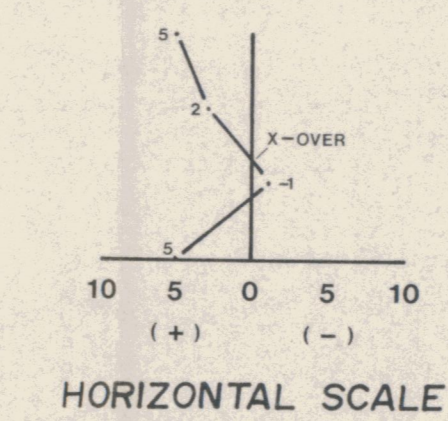


000E 100E 200E 300E 400E 500E 600E 700E 800E 900E 1000E 1100E 1200E 1300E 1400E 1500E

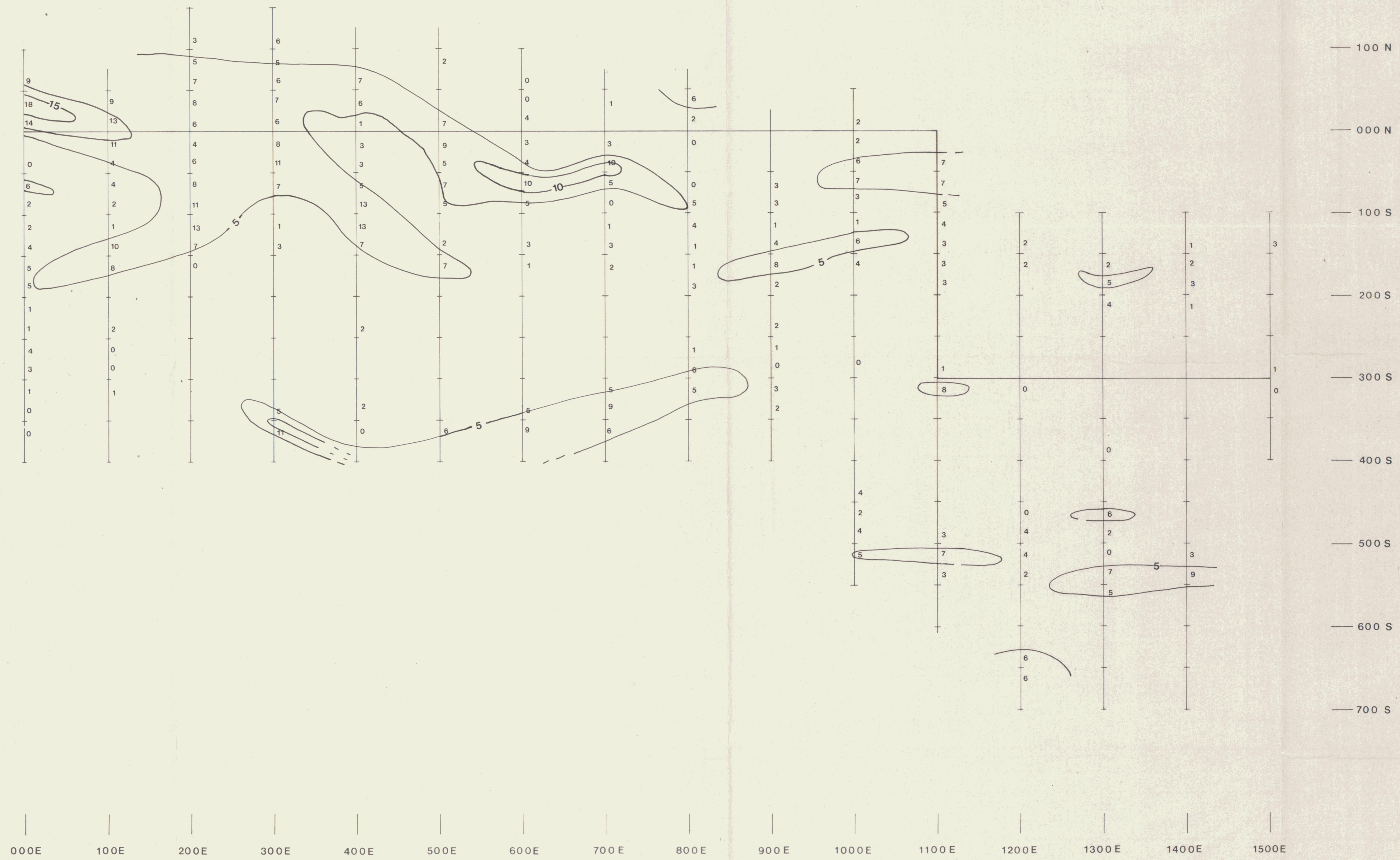
TRANSMITTER · LAULUALEI, HAWAII 23.4 kHz

PHOENIX VLF-EM2

091771



REVISED	NEW RIDGE RESOURCES LTD.	
	VLF-EM SURVEY · DIP ANGLE DATA	
	RIDGE PROPERTY GRID	
PROJ. No.	SURVEY BY: RSR	DATE: 15 DEC 85
NTS 105/3	DRAWN BY: RSR	SCALE: 1:2500
DWG. No.	8	
	ROGERS EXPLORATION SERVICES LTD.	

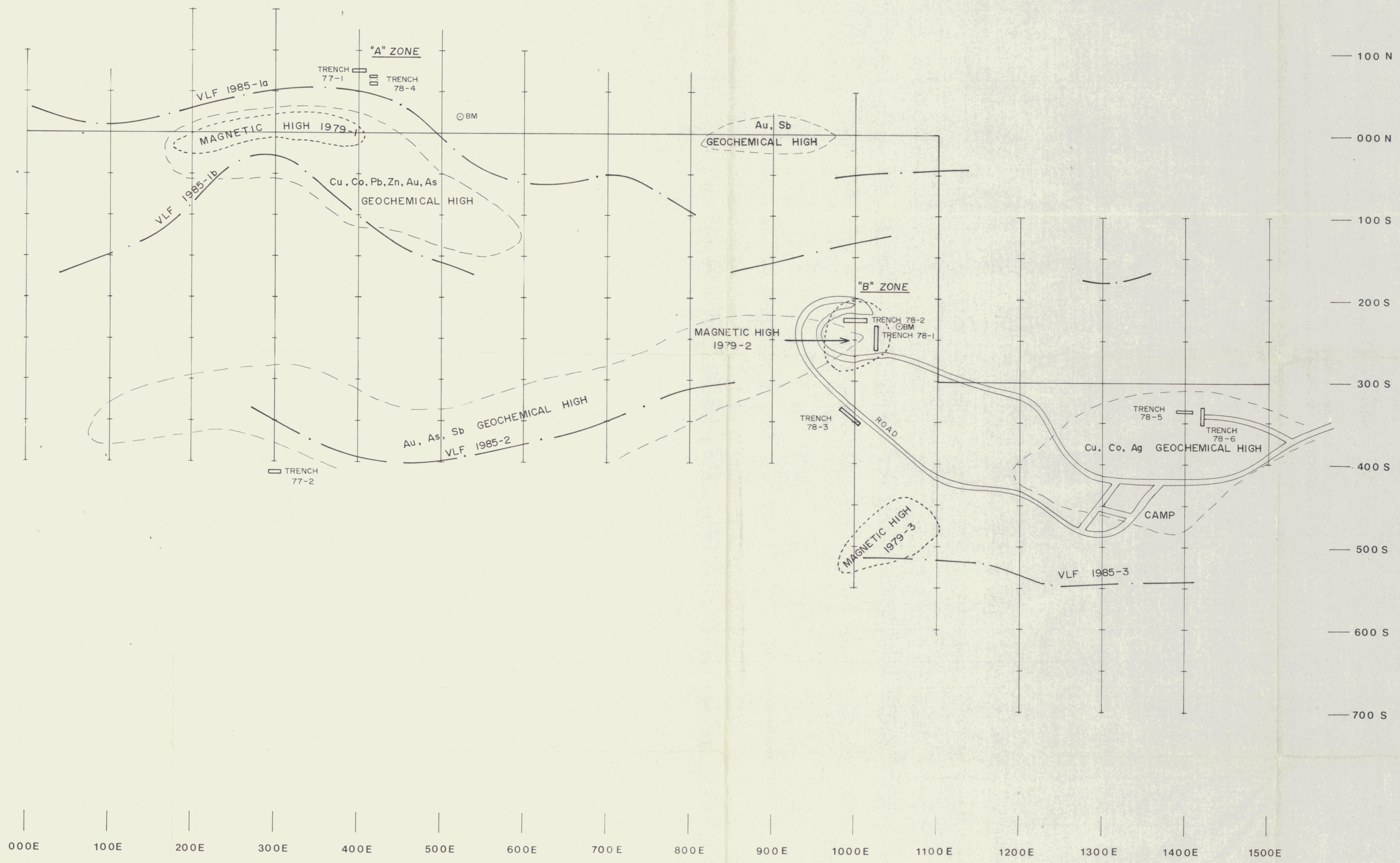
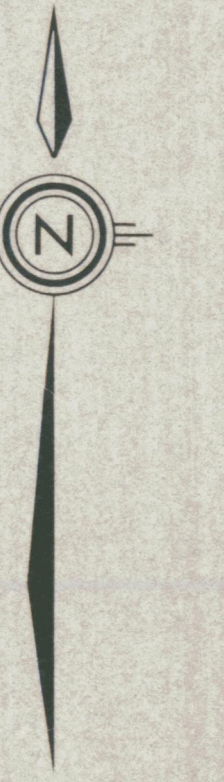


TRANSMITTER : LAULUALEI, HAWAII 23.4 Hz

Positive Fraser Filter Intercepts Shown

091771

REVISED	NEW RIDGE RESOURCES LTD.	
	VLF-EM SURVEY - FRASER FILTER DATA	
	RIDGE PROPERTY GRID	
PROJ. No.	SURVEY BY : RSR	DATE : 15 DEC 85
PLT. 1050/3	DRAWN BY : RSR	SCALE : 1 : 2500
DWG. No.	9 ROGERS EXPLORATION SERVICES LTD.	



091771

REVISED	NEW RIDGE RESOURCES LTD.		
	COMPILATION MAP		
	RIDGE PROPERTY GRID		
PROJ. No.	SURVEY BY: RSR	DATE:	15 DEC 85
N.T.S. 105D/3	DRAWN BY: RSR	SCALE:	1:2500
DWG No.	10		
	ROGERS EXPLORATION SERVICES LTD.		