860123

REPORT

ON THE

RECONNAISSANCE GEOLOGY AND GEOCHEMISTRY

OF THE

BOB CREEK PROPERTY

LAT. 54° 18'; LONG. 126° 38'; NTS 93L/7E

FOR

ROYALSTAR RESOURCES LIMITED
900 - 999 WEST HASTINGS STREET
VANCOUVER, B.C. V6C 2W2

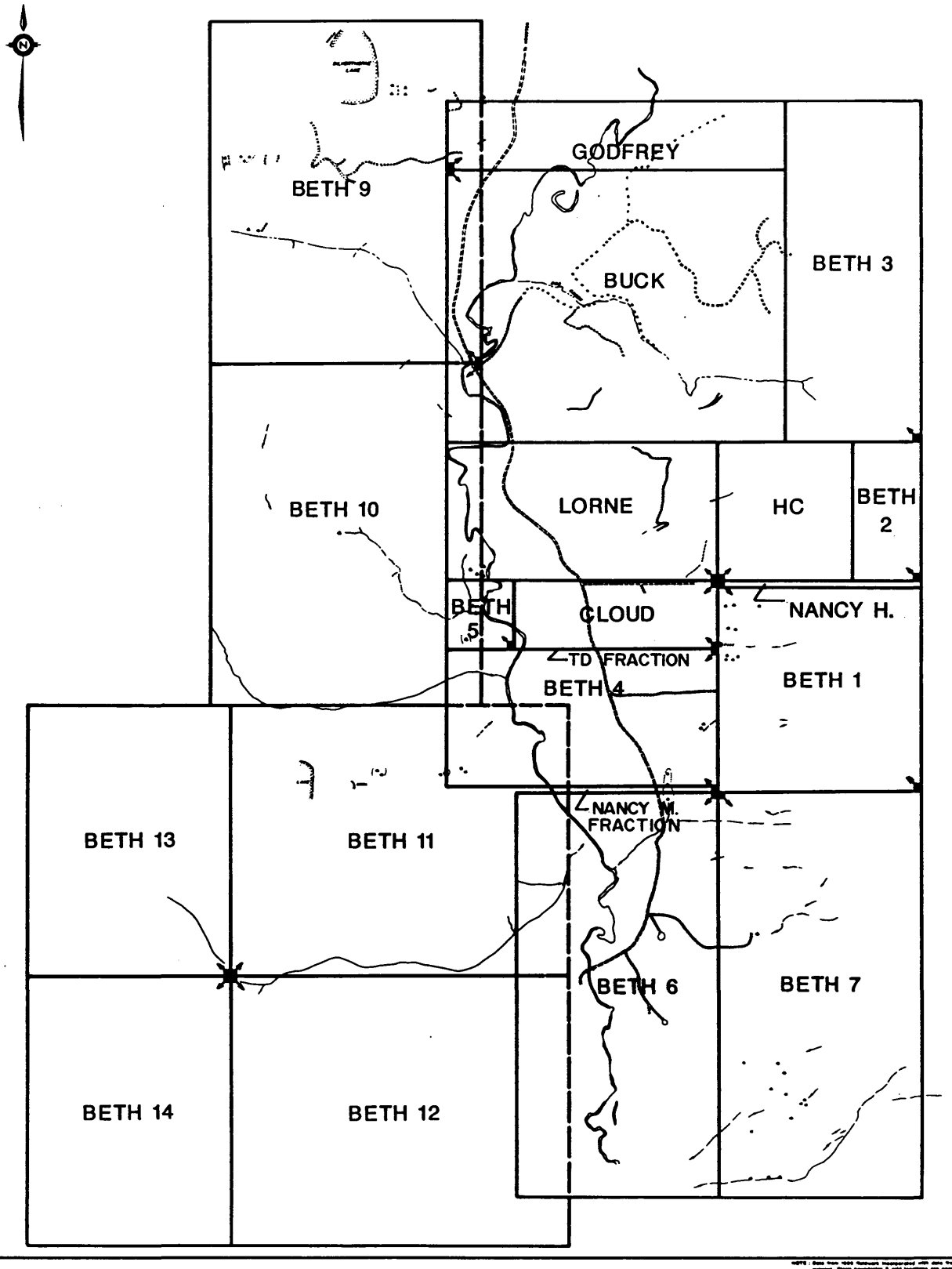
FEBRUARY 1990

T.E. LISLE, P.ENG
W.J. LEWIS

TABLE OF CONTENTS

MAPS

APPENDICES



All weather road
4-wheel drive road
Creek
Swamp
Legal corner post, mineral claim boundary

0 500 1000 1500 2000
METRES

NORAMCO EXLORATIONS INC.		
BOB CREEK PROJECT CLAIM MAP		
PROJ. NO. 2002	NTS 93L/7	DATE:
ROYALSTAR RES. LTD.	FIG. 2	

PROPERTY

The property contains 21 claims comprising 213 metric claim units and two fractional units, situated in the Ominica Mining District. The claims are held under option by Royalstar Resources Ltd., suite 900 - 999 W. Hastings St., Vancouver, B.C.

Essential claim data are as follows:

CLAIM NAME	UNITS	RECORD NUMBER	ANNIVERSARY DATE
Godfrey	5	317	7 June 1994
Buck	20	1334	21 June 2000
Lorne	8	1333	21 June 2000
HC	4	1335	21 June 2000
Cloud	3	812	11 October 2000
Beth 1	9	3622	2 March 2000
Beth 2	2	3623	2 March 1994
Beth 3	10	3624	2 March 1994
Beth 4	8	3625	2 March 2000
Beth 5	1	3626	2 March 2000
Beth 6	18	5526	12 August 1995
Beth 7	18	5527	12 August 1995
Beth 9	20	6833	25 January 1995
Beth 10	20	6834	25 January 1995
Beth 11	20	6835	25 January 1995
Beth 12	20	6836	25 January 1995
Beth 13	12	6837	25 January 1995
Beth 14	12	6838	25 January 1995
Nancy H	3	11368	11 December 2000
Nancy M.Fr	1	11369	11 December 2000
T.D. Fr	1	11370	15 December 2000
TOTAL	215		

Anniversary dates are as of the end of February 1990

HISTORY OF EXPLORATION

A detailed history of exploration of the Bob Creek claim area is contained in report BPVR 84-48 "Summary of 1984 Geology, Geochemistry and Diamond Drilling on the Buck Creek Property" by I. Trinder and C.M. Rebagliati of Selco Division - B.C. Resources Canada Limited, dated December 1984. Other historical accounts of exploration at Bob Creek are contained in reports noted in the Reference Section.

SUMMARY AND CONCLUSIONS

The Bob Creek mining property is located about 11 kilometres south of Houston in Central British Columbia. Map sheet 93L/7E.

Placer gold was discovered in the drainage of Bob Creek about 1914. Subsequent exploration at the property to 1985 included short adits, and a small pilot mill in the early years, and geological, geochemical and geophysical surveys, followed by trenching and 66 drill holes aggregating about 6869 metres (22,536 feet) in the later years.

Royalstar Resources Ltd. optioned the property in 1988. The company completed geophysical surveys and drilled 17 holes aggregating 5,046.81 metres on mineralized targets near Bob Creek. In 1989, reconnaissance prospecting and geological and geochemical surveys were completed on outlying sections of the property.

The Bob Creek claims are underlain by volcanic, volcaniclastic and sedimentary rocks of the Lower to Middle Jurassic Hazelton Group Telkwa formation. Hazelton Group rocks are overlain on the east by volcanic rocks of the Tertiary Buck Creek, and possibly by remnants of Upper Cretaceous Tip Top Hill formations.

Hazelton Group rocks are intruded in the western section of the claims by stocks of feldspar and quartz feldspar porphyry. Dyke and sill-like masses of the porphyries intrude the Hazelton rocks in the central area of the claims, and near Bob Creek Canyon, breccias related to multiple intrusion of these units occur. Gold, copper, lead, zinc, silver and arsenic mineralization is in part related to the dyke-sill-breccia complex, and this mineralization reflects weak to very strong multi-element geochemical soil anomalies for these elements.

Weaker but anomalous geochemical concentrations for one or more of the above elements are evident on the flanks of a large feldspar-quartz feldspar porphyry stock located to the north and northwest of the mineralized complex at Bob Creek.

It is speculated that mineralization reflected by this geochemical signature may have been emplaced along a northwesterly trend with the Bob Creek mineralization, and subsequently offset by faulting. Further grass-roots exploration of the area to the northwest of Bob Creek may provide the necessary encouragement to continue more detailed evaluations.

Mineralization examined and sampled in other areas of the claims failed to yield assays of sufficient grades to warrant drill testing.

INTRODUCTION

Royalstar Resources Limited optioned the Bob Creek gold (zinc, silver, copper, lead) property located near Houston in central British Columbia, in 1988.

The company initiated a re-evaluation that included geophysical surveys and diamond drilling in central area of interest; and a reconnaissance program of prospecting, geology and geochemistry on peripheral areas of the claims in a search for additional targets of interest.

The reconnaissance program was carried out by the author and Bill Lewis from June 20 to August 22, 1989.

The results of the work are described herein and compiled on to 1:10,000 scale geological and geochemical maps accompanying this report.

LOCATION AND ACCESS

The Bob Creek property is located in central British Columbia about 11 km south of the village of Houston; latitude 54° 17'N; longitude 126° 36'W; NTS 93L/7E.

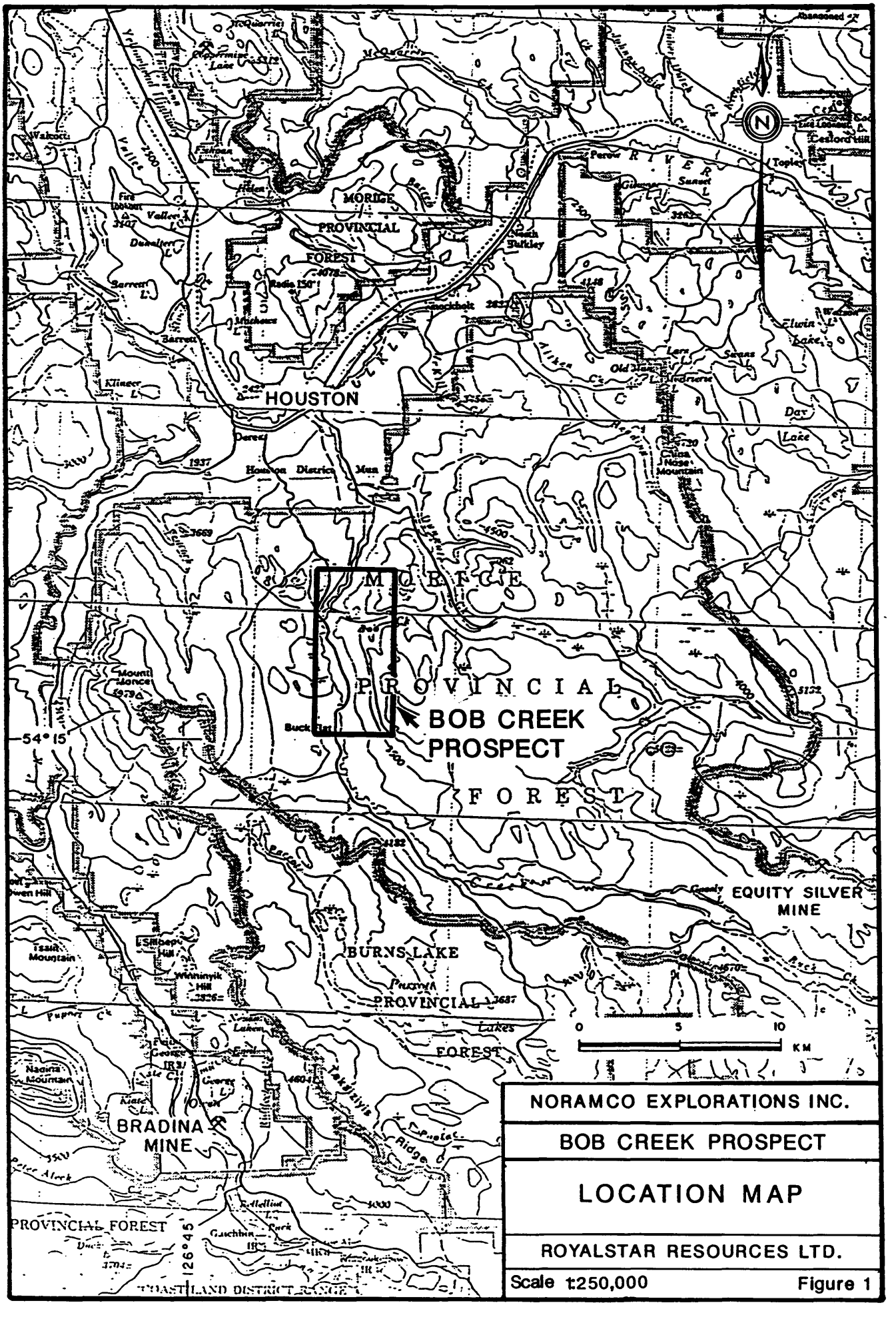
Access to the property from Houston is by the all-weather Buck Flats road that courses southerly near Buck Creek and centrally divides the claim block into east and west sections.

Local access to the eastern claims is by 4-wheel drive roads from Bob Creek, or by local access roads to private land. Access to the northwest and southwest sections of the claims is by old logging roads or access roads to a cross country ski area.

Elevations at the property range from around 750 metres above sea level near Bob Creek to more than 1400 metres above sea level in the eastern claim area.

The terrane is subdued in the main Buck Creek Valley, but rises precipitously in the eastern claim area underlain by Tertiary Volcanic rocks. In the western claims, the terrain in areas underlain by porphyry stocks is also locally steep and rocky.

Open grassy slopes are evident along the east flank of Buck Creek Valley. The area is mainly forrested by open stands of spruce, pine and poplar.



NORAMCO EXPLORATIONS INC.
BOB CREEK PROSPECT
LOCATION MAP
ROYALSTAR RESOURCES LTD.
Scale 1:250,000 Figure 1

A brief summary of this and later history of the property is as follows:

1) Placer gold was discovered in Bob Creek about 1914.

2) Between 1914 and 1936, the claims were prospected, mapped and sampled, and a small pilot mill was reportedly installed at Bob Creek. A short 30 foot adit was driven in 1936.

3) From 1945 to 1981, the property was held under option by various companies including Premier Gold Mines; Dennison Mines; Asarco, Minewealth, Dupont and Cominco. Exploration by these companies in addition to geological related surveys included 26 drill holes aggregating approximately 1855 metres.

4) From 1983 to 1985, Selco division of B.P. Resources Canada Ltd. optioned the property. The company carried out detailed multi-element geochemical surveys, geological surveys, trenching programs, and drilled 40 NQ drill holes aggregating 5014 metres.

5) Royalstar Resources Ltd. optioned the property in 1988. Up to January 31, 1990 the company completed:
   42.4 line km. of Induced Polarization Surveys
   37.0 line km. of Magnetic Survey.
   Reconnaissance Geological and Geochemical Surveys of outlying areas, and drilled 17 NQ holes aggregating 5,046 m.

REGIONAL GEOLOGY

The project area is reported to be underlain mainly by the Babine shelf facies of the Hazelton Group Telkwa formation, near the western contact of the Upper Cretaceous-Eocene Buck Creek Caldera.

The Hazelton Group is part of the Stikine terrane, and comprises a calc-alkaline island are assemblage of volcanic, volcaniclastic and sedimentary rocks of lower to middle Jurassic age.

The lower Jurassic Telkwa formation is the lower member of the Hazelton Group. The Babine shelf facies marks a transition from dominantly subaerial units to the west (Howson facies) and submarine units to the east (kostine facies).

Hazelton rocks in the area are intruded by a number of feldspathic stocks and related dykes and sills of the Upper Cretaceous Bulky intrusions.

Regional 1:50,000 scale mapping carried out to the north and east does not extend into map sheet 93L/7. For this reason the geologic perspective of the property area is poorly defined.

MacIntire and co-workers (Geological fieldwork, 1988, paper 1989-1) suggest that the Telkwa formation in the Telkwa and Babine Ranges is divisible into four major facies as folows:

1) An upper unit of siliceous pyroclastics, rhyolite flows and minor red tuffs and basalt flows. This unit is only present locally.

2) Massive phyric to augite-feldspar-phyric amygolaloidal flows and interbedded red tuffs or epiclastics.

3) Maroon feldspathic tuffs, breccias, epiclastics and andesitic flows.

4) A basal heterolithic conglomerate.

If this classification holds for Telkwa Group rocks in map sheet 93L/7 the geologic units as defined on property surveys in the Buck Creek area might be better explained within this broader stratigrahic framework.

An interpretation of the geology of the Bob Creek area was reported in Selco Report BPVR 85-24, A Summary of the geology, geochemistry and diamond drilling carried out on the property.

The scope of the 1989 field program was reconnaissance in nature, and was directed primarily to outlying areas of the claims on a search for other worthwhile targets. Where possible, the data resulting from the 1989 field work is plotted using the geologic legend proposed in the above 1985 report.

GEOLOGY OF BOB CREEK CLAIMS

Previous work at Bob Creek identified three major geologic units underlying the claims.

The oldest rocks are reported to be volcanic, volcaniclastic and sedimentary members of the Babine Shelf facies Telkwa formation. This unit trends northerly through the central claim area.

Along the eastern flank of the claims, the Hazelton rocks are overlain by flow and fragmental volcanics of the Tertiary Buck Creek volcanic unit. Near Bob Creek Canyon, sections mapped near the base of this unit may be part of the Upper Cretaceous Tip Top Hill formation as defined by Church (Geological Fieldwork 1985).

Stocks of Upper Cretaceous feldspar and quartz feldspar porphyry are scattered in a northerly trend along the western flanks of the property. A number of dykes and sill-like masses of related porphyry and breccia intrude the older volcanic-sedimentary assemblage in the central section of the claims.

A small Mesozoic gabbro stock intrudes the Hazelton rocks in the central area of the claims, and along with other smaller gabbroic masses constitutes a fourth unit of apparent limited extent.

Outcropping over large sections of the Buck Creek Valley in the property area is obscured by thick deposits of glacial till. Limited exposures along Buck Creek and along the upper flanks of the valley would appear to indicate that the porphyritic stocks in the western claim area may be significantly larger than previously believed.

A contact of the northernmost stock underlying much of the Beth 9 and 10 claims, trends northwesterly from Buck Creek towards Silverthorne Lake. The interpretation suggests that a number of dyke and sill-like masses of feldspar and quartz feldspar porphyry trends southeasterly from this section of the stock towards the mineralized area in an around Bob Creek.

This large stock is separated from other porphyritic stocks on trend to the south by a zone of mixed Hazelton Group rocks outcropping in a creek along the south boundary of the Beth 10 claim. These rocks are correlative with rocks in the Bob Creek area and include argillite, heterolitic conglomerate (Basal Telkwa)?, a distinctive pale biotite-rich dacitic tuff, and a mixture of grey to green to maroon to red tuff units.

GEOCHEMISTRY

During the course of prospecting, a total of 202 soils, 48 silt and 55 rock chip samples were collected.

The soils were collected with standard grub-hoe from depths commonly from 15 to 30 cm. Many of the soils collected at the lower elevations from the west side of Buck Creek are of glacial till of unknown thickness. Where possible, silt samples were of active silt fines, and rocks were either representative grab, or chips over specific widths.

The samples were shipped to Acme Analytical Laboratory in Vancouver and processed by conventional drying-crushing-screening techniques. The samples were analysed for gold by FA&AA and for copper, lead, zinc, silver, arsenic, molybedenum, cadmium, antimony, manganese and barium by I.C.P. methods.

Data from the analytical work is shown along with sample locations on the 1:10,000 scale map accompanying this report. The data has not been statistically treated and is presented in tabulated form for the six elements of economic interest as to a range of values, and to numbers of higher assays over arbitrarily selected values.

BUCK CREEK RECONNAISSANCE GEOCHEMISTRY 1989

202 Soils	Range	Remarks
Copper	5 - 124 ppm	12 assays ≥ 50 ppm.
Lead	2 - 22 ppm	4 assays ≥ 20 ppm.
Zinc	30 - 669 ppm	(28 assays ≥ 200 ppm.
		(8 assays ≥ 300 ppm.
Silver	0.1- 1.70 ppm	7 assays ≥ 1 ppm.
Arsenic	2 - 125 ppm	24 assays ≥ 25 ppm.
Gold	1 - 360 ppb	(9 assays ≥ 10 ppb.
		(6 assays ≥ 20 ppb.

48 Silt	Range	Remarks
Copper	14 - 44 ppm	4 assays ≥ 30 ppm.
Lead	2 - 18 ppm	3 assays ≥ 15 ppm.
Zinc	64 - 186 ppm	6 assays ≥ 125 ppm.
Silver	0.1- 0.70 ppm	2 assays ≥ 0.5 ppm.
Arsenic	4 - 86 ppm	4 assays ≥ 25 ppm.
Gold	1 - 327 ppb	2 assays ≥ 10 ppb.

55 Rock	Range	Remarks
Copper	1 - 1,241 ppm	2 assays ≥ 500 ppm
Lead	2 - 6,463 ppm	2 assays ≥ 500 ppm
Zinc	41 - 1,803 ppm	(5 assays ≥1,000 ppm
		(8 assays ≥ 500 ppm
Silver	0.1 - 41.70 ppm	11 assays ≥ 2.0 ppm
Arsenic	2 - 3,341 ppm	12 assays ≥ 300 ppm
Gold	1 - 85 ppb	2 assays ≥ 50 ppm

PROGRAM RESULTS

Prospecting of the creek on the southerly border of the Beth 10 Claim revealed outcrops of pyritized rhyolitic? tuff marked by strong limonitic stain. Six chip samples of this zone (41677, 41679-41683) failed to yield assays of encouragement.

Seven chip samples (41666, 67, 68, 41699, 41700, 701, 702) examined mineralized outcrops on the west bank of Buck Creek about 1 km south of the common boundary of the Beth 9 and 10 Claim.

Narrow 305° / 75° NW, limonitic calcite fractures with chalcopyrite, sphalerite, galena, arsenopyrite, pyrite, and marked by minor azurite and malachite, cut highly sheared argillite wedged between sill-like masses of medium to coarse-grained altered feldspar porphyry.

Three chip samples over or near the area with visible mineralization returned anomalous concentrations of lead, zinc, silver and arsenic $\pm$ copper $\pm$ antimony. Gold assays of significance were not encountered.

A plot of the geochemical data reveals that only a few widely separated sample sites in the western and southwestern claim area show mildly anomalous results for one or more of the elements of economic interest.

The largest concentration of anomalous assays for soil and rock occur generally to north and northwest of the mineralized area at Bob Creek. This area is underlain by Hazelton Group rocks on the northeast flank of a large feldspar, quartz feldspar porphyry stock underlying much of the Beth 9 claim.

Only small widely spaced outcrops are evident in this area, and a limited number of rock samples were collected. Most of the rock samples reveal anomalous concentrations for one or more of the six elements of interest. A select sample from an adit area near the confluence of Bob and Buck Creeks assayed 567 ppm Cu; 2,771 ppm Pb; 1,293 ppm Zn; 3,341 ppm As and 654 ppm Sb. Sample 41663 further to the northwest, assayed 1,230 ppm Zn; and 85 ppb gold.

Soil samples for this area described in Selco report BPVR 85-34 ranged to 105 ppb gold; 166 ppm Cu; 32 ppm Pb; 1,709 ppm Zn and 221 ppm As. Most of the higher assays are present in areas underlain by Hazelton Group rocks. Samples collected in 1989 from the same general area ranged to 91 ppb gold; 124 ppm Cu; 20 ppm Pb; 669 ppm Zn; 125 ppm As; and 1.2 ppm Ag.

Due to the reconnaissance nature of both surveys, the sample spacing and sample density is variable.

DISCUSSION

Much of the past exploration carried out on the Bob Creek Claims has been directed to mineralization in and near Bob Creek.

The mineralization shows a strong relationship to dyke and sill-like masses of feldspar and quartz feldspar porphyry, and to breccia developed in part through multiple intrusions of those units.

The data collected in 1989 suggests that a number of dyke and sill-like masses of feldspar and quartz-feldspar porphyry trend southeasterly towards Bob Creek from a large feldspar-quartz feldspar porphyry stock located within the Beth 9 and 10 claim to the northwest.

Detailed geochemical surveys (AR 14698) show the Bob Creek mineralization to reflect a weak to very strong multi-element geochemical signature that appears to peter-out in drift-covered areas in the southern part of the Noramco Grid.

The multi-element geochemical response to the northwest of Bob and Buck Creek is weaker than that shown for mineralization in the Bob Creek area. This may be due to a number of factors including sample density, sample medium, and level of exposure.

Although separated by a wide valley trending northeasterly along Buck Creek, the geochemical data suggests that mineralization in both areas may have been emplaced along a northwesterly trend, perhaps related to intrusion of the porphyry stocks, and subsequently dislocated by later faults.

Regardless of the origin, the area of geochemical interest to the northwest of Bob and Buck Creek might benefit from further grass-roots exploration.

T.E. Lisle

W.J. Lewis

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I Thomas E. Lisle of 145 West Rockland Road in The District of North Vancouver do hereby certify:

- That I am a geologist with business address at #4-1543 Lonsdale Avenue, North Vancouver, British Columbia

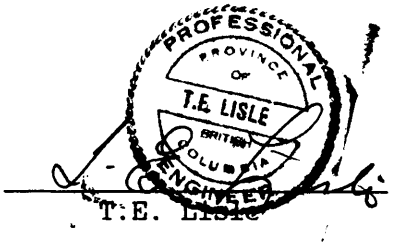
- That I am a graduate of the University of British Columbia and hold a Bachelor of Science degree granted in 1964.

- That I am a member in good standing of:
  - Geological Association of Canada
  - The Canadian Institute of Mining and Metallurgy
  - Association of Professional Engineers of B.C.

- That with W.J. Lewis carried out field work related to the Bob Creek Property from June 20 to Aug. 22, 1989; and with W.J. Lewis and D. Silversides, expedited the drill program at Bob Creek from Nov. 15, 1989 to Jan. 31, 1990.

- That I assisted in the preparation of this report describing part of the exploration program carried out at Bob Creek on behalf of Royalstar Resources Limited.

Dated February, 1990



T.E. Lisle

STATEMENT OF QUALIFICATIONS

I, William J. Lewis, of 305 - 6689 Willingdon Ave., Burnaby, B.C. certify that:

I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology, 1985.

I have practised my profession as a Geologist since 1985 in British Columbia.

I assisted in the compilation of the information contained within this report from June 20 to August 22, 1989 on the Bob Creek Property.

William J. Lewis
Noramco Explorations Inc.

APPENDIX II

ASSAY REPORTS

BOB CREEK PROPERTY

RECONNAISSANCE WORK

LITHOGEOCHEMISTRY SAMPLE DATA
BOB CREEK

Sample #	Type	Interval (meters)
41651	Grab	-
41652	Grab	-
41653	Chip	2.00 m
41654	Chip	1.80 m
41655	Chip	2.00 m
41656	Chip	2.00 m
41657	Grab	-
41658	Grab	-
41659	Grab	-
41660	Grab	-
41661	Grab	-
41662	Grab	-
41663	Grab	-
41664	Chip	1.10 m
41665	Chip	3.00 m
41666	Chip	2.20 m
41667	Chip	2.20 m
41668	Chip	2.00 m
41669	Random chips	-
41670	Grab	-
41671	Grab	-
41672	Chip	2.00 m
41673	Chip	2.00 m
41674	Chip	1.40 m
41675	Chip	3.00 m
41676	Chip	1.40 m
41677	Chip	4.40 m
41678	Grab	-
41679	Chip	2.00 m
41680	Chip	3.20 m
41681	Chip	1.80 m
41682	Chip	1.15 m
41683	Chip	1.70 m
41684	Grab	-
41685	Grab	-
41686	Grab	-
41687	Grab	-
41688	Grab	-
41689	Grab	-
41690	Grab	-
41691	Chip	1.10 m
41692	Chip	3.30 m
41693	Select	-
41694	Grab	-
41695	Grab	-
41696	Grab	-
41697	Grab	-

41698	Grab	-
41699	Chip	3.50 m
41700	Chip	3.00 m
41701	Chip	2.00 m
41702	Chip	2.00 m
41703	Chip	1.20 m
41704	Grab	-
41705	Grab	-

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)2 -1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 ROCK P2 SILT AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 17 1989 DATE REPORT MAILED: July 26/89. SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

NORAMCO EXPLORATION PROJECT 2002 File # 89-2191 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au** PPB
E 41651	21	23	271	1335	2.6	2860	265	9	26	144	17
E 41652	4	10	2	62	.1	327	9	1	2	32	1
E 41653	3	66	23	113	2.8	234	95	1	4	139	1
E 41654	1	41	13	141	.1	369	130	1	3	250	2
E 41655	1	50	2	41	.1	1173	61	1	2	102	4
E 41656	1	78	9	103	.1	502	53	1	2	82	5
E 41657	1	37	2	58	.1	1027	13	1	3	97	2
E 41658	1	4	2	58	.1	1689	8	1	2	92	2

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au** PPB
B.C.SS 1	1	29	7	115	.1	731	12	1	2	429	2
B.C.SS 2	1	18	3	96	.1	576	6	1	2	176	2
B.C.SS 3	1	26	2	95	.2	578	9	1	4	112	5
B.C.SS 4	1	26	8	107	.1	994	6	1	2	150	3
B.C.SS 5	1	19	7	82	.1	1097	7	1	2	123	8
STD C/AU-S	19	61	41	133	7.6	1026	40	18	15	175	52

ACME ANALY. JAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUV B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-171

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P3 SOIL P4 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 27 1989 DATE REPORT MAILED: Aug 5/89 SIGNED BY. C. Leong ...D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

NORAMCO EXPLORATION INC. File # 89-2477 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	AU* PPB
S 1001	1	9	6	76	.1	381	6	1	2	80	47
S 1002	1	8	6	74	.1	151	5	1	2	84	3
S 1003	1	10	8	83	.2	185	5	1	2	70	1
S 1004	1	15	9	136	.2	575	7	1	3	137	32
S 1005	1	10	5	74	.1	329	5	1	2	123	2
S 1006	1	8	7	93	.1	500	6	1	2	85	14
S 1007	1	9	10	125	.3	737	4	1	2	306	2
S 1008	1	8	7	88	.2	387	4	1	2	107	360
S 1009	1	13	13	183	.1	1694	7	1	2	356	9
S 1010	1	10	11	104	.2	323	8	1	2	199	3
S 1011	1	13	7	74	.1	332	11	1	2	85	3
S 1012	1	18	10	100	.1	437	9	1	2	207	2
S 1013	1	25	8	155	.3	450	8	1	2	223	1
S 1014	1	10	4	84	.1	244	5	1	2	93	1
S 1015	1	8	7	100	.1	439	5	1	2	106	2
S 1016	1	11	3	113	.4	576	7	1	2	166	2
S 1017	1	11	8	98	.2	282	4	1	2	138	1
S 1018	1	8	7	99	.3	183	2	1	2	122	4
S 1019	1	13	3	71	.2	358	5	1	2	173	4
S 1020	1	11	5	86	.1	291	10	1	2	88	2
S 1021	1	9	7	79	.1	367	7	1	2	117	1
S 1022	1	12	4	74	.1	264	5	1	2	106	3
S 1023	1	13	6	91	.2	309	5	1	2	133	3
S 1024	1	11	7	87	.1	225	8	1	2	97	1
S 1025	1	34	10	145	.2	649	16	1	2	248	2
S 1026	1	31	12	155	.2	772	6	2	3	238	1
S 1027	3	17	8	118	.2	534	10	1	2	117	3
S 1028	1	11	8	106	.2	301	8	1	2	173	1
S 1029	1	10	9	96	.1	665	5	1	2	111	1
S 1030	1	13	9	88	.1	449	5	1	2	145	3
S 1031	1	26	9	86	.1	661	11	1	2	124	1
S 1032	1	31	10	98	.1	661	13	1	2	150	1
S 1033	1	33	8	122	.1	817	20	1	2	159	1
S 1034	1	26	11	86	.1	608	10	1	2	124	1
S 1035	1	41	13	141	.1	1146	28	1	2	197	4
S 1036	1	33	9	141	.3	724	15	1	3	450	4
STD C/AU-S	18	57	38	132	7.1	1037	39	18	16	179	49

NORAMCO EXPLORATION INC. FILE # 89-2477

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	AU* PPB
S 1037	1	35	21	131	.3	1084	33	1	5	185	4
S 1038	1	36	15	141	.2	1067	16	1	2	258	5
S 1039	1	6	5	56	.1	219	3	1	2	91	4
S 1040	1	5	7	100	.1	490	2	1	2	135	2
S 1041	1	10	8	103	.1	273	4	1	2	164	2
S 1042	1	7	5	112	.2	194	3	1	2	137	3
S 1043	1	31	11	137	.1	786	14	1	5	342	1
S 1044	1	11	7	71	.2	315	9	1	2	103	2
S 1045	1	17	12	145	.1	1882	7	1	2	1015	1
S 1046	1	20	16	112	.1	1610	9	1	2	534	2
S 1047	1	14	11	72	.1	540	7	1	2	243	1
S 1048	1	16	10	121	.1	339	8	1	2	254	2
S 1049	1	6	9	70	.1	331	3	1	2	143	2
S 1050	1	6	8	64	.1	287	3	1	2	133	1
S 1051	1	10	10	100	.1	467	7	1	2	183	3
S 1052	1	8	7	114	.1	324	6	1	2	111	1
S 1053	1	14	10	85	.1	353	9	1	2	120	1
S 1054	1	10	10	92	.2	351	9	1	2	100	3
S 1055	1	21	14	93	.1	582	10	1	2	165	2
S 1056	1	30	13	184	.4	1176	8	1	2	320	2
S 5000	1	25	18	603	.1	3539	11	2	2	285	1
S 5001	1	10	12	175	.1	622	11	1	2	100	4
S 5002	1	14	10	132	.1	841	29	1	2	119	1
S 5003	1	22	15	132	.1	1021	30	1	2	124	1
S 5004	1	16	14	159	.1	431	28	1	2	86	4
S 5005	1	8	6	94	.1	348	5	1	2	78	3
S 5006	1	18	7	147	.1	668	12	1	2	189	1
S 5007	1	92	20	382	.6	766	34	2	2	557	2
S 5008	1	20	5	112	.1	915	18	1	2	162	1
S 5009	1	14	11	79	.1	357	14	1	2	89	3
S 5010	1	16	14	340	.1	904	125	1	3	154	5
S 5011	1	20	13	145	.1	1607	29	1	2	340	2
S 5012	1	15	16	342	.2	464	14	1	2	311	3
S 5013	1	11	13	457	.1	456	27	1	2	297	2
S 5014	1	11	14	115	.1	274	43	1	2	93	4
S 5015	1	9	6	96	.1	313	20	1	2	84	1
STD C/AU-S	17	58	38	132	7.1	1020	42	17	15	175	49

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au* PPB
S 5016	1	16	10	91	.1	561	13	1	2	112	5
S 5017	1	20	10	102	.1	389	15	1	3	113	8
S 5018	1	67	15	205	.5	1610	28	1	2	355	3
S 5019	1	15	11	72	.1	395	12	1	2	107	5
S 5020	1	14	12	111	.1	379	8	1	3	103	6
S 5021	1	16	13	284	.1	553	3	1	2	230	6
S 5022	1	16	18	95	.1	497	12	1	2	83	3
S 5023	1	44	13	193	.3	1235	14	1	3	212	2
S 5024	1	15	6	80	.1	432	9	1	2	95	5
S 5025	1	12	7	57	.1	203	3	1	2	71	3
S 5026	1	20	11	103	.1	586	5	1	2	133	2
S 5027	1	10	6	73	.1	176	3	1	2	80	2
S 5028	1	12	9	123	.1	299	4	1	2	168	2
S 5029	1	14	2	97	.1	376	6	1	2	90	4
S 5030	1	13	7	81	.1	301	2	1	2	129	4
S 5031	1	11	9	114	.1	853	3	1	2	104	6
S 5032	1	50	10	159	.8	2138	6	1	2	353	4
S 5033	1	11	11	124	.1	879	4	1	2	106	4
S 5034	1	13	11	130	.1	698	3	1	2	163	6
S 5035	1	8	10	165	.1	834	3	1	2	152	4
STD C/AU-S	17	60	41	132	6.6	1038	41	19	15	172	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au** PPB
E 41660	1	10	96	57	.6	480	49	1	2	135	43
E 41661	6	213	438	433	4.1	261	221	1	5	436	54
E 41662	1	45	40	669	1.5	699	54	1	3	1651	5
E 41663	1	33	46	1230	.8	966	62	1	2	1514	85
E 41664	1	115	40	337	2.9	1207	311	1	29	159	1
E 41665	2	35	51	372	.7	951	68	1	8	257	6
E 41666	47	1241	6463	1803	41.7✓	812	741	22	144	314	7
E 41667	7	68	339	1022	2.3	730	1308	6	9	302	6
E 41668	1	43	68	267	.7	2037	57	1	2	238	3
E 41669	1	3	24	71	.1	647	13	1	2	152	3
E 41670	1	16	14	72	.1	804	3	1	2	85	1
E 41671	1	1	13	110	.1	919	3	1	2	296	6

✓ - ASSAY REQUIRED FOR CORRECT RESULT -

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-171

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P2 SOIL P3 SILT P4 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 3 1989 DATE REPORT MAILED: Aug 11/89 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

NORAMCO EXPLORATION INC. PROJECT 2002 File # 89-2669 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au* PPB
S-5036	1	18	16	218	.1	1240	6	1	2	273	1
S-5037	1	23	16	154	.1	1453	6	1	2	283	3
S-5038	1	15	8	75	.1	296	5	1	2	113	3
S-5039	1	10	9	78	.2	436	2	1	2	141	1
S-5040	1	63	11	128	.6	1122	5	2	2	346	1
S-5041	1	28	11	74	.2	788	6	1	2	316	31
S-5042	1	7	7	93	.2	148	3	1	2	97	2
S-5043	1	7	9	63	.1	229	3	1	2	86	1
S-5044	1	12	13	97	.1	478	7	1	2	100	2
S-5045	1	9	14	128	.2	314	4	1	2	131	2
S-5046	1	5	7	30	.2	131	2	1	2	65	1
S-5047	1	7	8	42	.3	202	2	1	2	104	3
S-5048	1	12	8	98	.2	184	2	1	2	93	3
S-5049	1	6	9	48	.1	126	3	1	2	74	4
S-5050	1	12	9	68	.1	314	5	1	2	82	1
S-5051	1	7	6	57	.1	246	2	1	2	90	1
S-5052	1	9	7	87	.1	293	4	1	2	107	3
S-5053	1	19	10	48	.1	285	7	1	2	153	3
S-5054	1	14	10	72	.1	772	3	1	2	243	1
S-5055	1	21	10	101	.2	295	4	1	2	184	2
S-5056	1	19	10	77	.2	535	4	1	2	197	4
S-5057	1	49	15	203	.8	996	2	2	2	473	4
S-5058	1	12	11	81	.2	202	2	1	2	111	3
S-5059	2	17	16	66	1.6	157	17	1	15	137	3
S-5060	1	10	12	69	.1	410	5	1	2	102	1
S-5061	1	10	12	129	.1	232	4	1	2	93	1
S-5062	1	11	11	106	.1	309	4	1	2	131	4
S-5063	1	10	9	95	.1	278	4	1	2	120	9
S-5064	1	21	14	95	.1	449	13	1	2	113	1
S-5065	1	17	8	64	.1	445	6	1	2	247	2
S-5067	1	13	14	161	.2	348	10	1	2	145	11
S-5068	1	82	9	106	1.7	277	2	1	2	486	7
S-5069	1	10	6	73	.2	184	8	1	2	85	1
S-5070	1	12	7	89	.1	233	9	1	2	115	1
S-5071	1	17	11	96	.1	376	11	1	2	144	2
S-5072	1	15	11	96	.2	327	6	1	2	141	3
STD C/AU-S	18	63	43	132	6.8	1044	40	18	15	181	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au* PPB
S-5073	1	8	12	124	.2	211	7	1	2	127	4
S-5074	1	29	9	109	.4	775	13	1	2	233	1
S-5075	1	81	15	218	1.5	1465	20	2	2	603	5
S-5076	1	13	7	77	.2	382	4	1	2	130	3
S-5077	1	13	4	70	.2	249	5	1	2	98	6
S-5078	1	18	8	85	.4	359	4	1	2	135	4
S-5079	1	9	6	58	.2	287	4	1	2	93	2
S-5080	1	9	8	86	.1	406	4	1	2	120	4
S-5081	1	8	13	68	.1	269	3	1	2	87	2
S-5082	1	7	12	57	.3	131	5	1	2	65	1
S-5083	1	9	9	77	.1	209	11	1	2	85	1
S-5084	1	6	9	45	.1	189	2	1	2	91	1
S-5085	1	9	9	54	.2	160	7	1	2	73	2
S-5086	1	5	7	37	.2	99	3	1	2	63	1
S-5087	1	13	8	98	.2	531	7	1	2	186	1
S-5088	1	10	11	67	.1	445	6	1	2	110	2
S-5089	1	9	11	61	.1	220	6	1	2	111	1
S-5090	1	18	14	225	.3	2819	6	1	2	506	3
S-5091	1	13	9	100	.2	205	2	1	2	319	1
S-5092	1	55	17	110	.7	312	7	1	2	398	1
S-5093	1	11	8	168	.1	825	9	1	2	138	1
S-5094	1	12	10	105	.1	492	7	1	2	124	1
S-5095	1	12	11	100	.3	695	7	1	2	147	1
S-5096	1	14	9	80	.2	363	9	1	2	104	2
S-5097	1	9	8	177	.2	296	10	1	2	145	1
S-5098	1	9	8	83	.1	255	9	1	2	89	3
S-5099	1	13	9	102	.1	391	13	1	2	141	1
STD C/AU-S	18	62	43	134	6.8	1082	44	19	14	181	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au* PPB
SS-505	1	26	6	86	.2	352	7	1	2	252	1
SS-506	1	22	3	101	.2	1115	8	1	2	252	3
SS-507	1	20	5	90	.1	696	4	1	2	219	3
SS-508	1	18	6	78	.2	519	8	1	2	169	4
SS-509	1	23	3	83	.1	1786	17	1	2	193	2
SS-510	1	35	8	109	.2	620	15	1	2	223	5
SS-15	1	26	7	93	.2	1433	8	1	2	286	3
SS-16	1	25	3	98	.2	1404	8	1	2	270	1
SS-17	1	30	4	100	.1	1281	10	1	2	259	1
SS-18	1	24	10	86	.1	819	9	1	2	253	5
SS-19	1	27	8	86	.1	938	10	1	2	220	2
SS-20	1	23	5	83	.1	819	9	1	2	171	2
SS-21	1	22	8	122	.2	5864	5	1	2	414	4
SS-22	1	17	7	90	.2	2452	11	1	2	504	5
SS-23	1	19	6	89	.2	2543	8	1	2	418	1
SS-24	1	20	6	104	.2	3776	15	1	2	536	3
SS-25	1	19	6	83	.1	2919	10	1	2	401	6
SS-26	1	23	4	85	.6	6276	86	1	2	1016	1
SS-27	1	23	6	93	.1	1915	11	1	2	369	6
SS-28	1	25	7	89	.1	1452	12	1	2	285	120
SS-29	1	25	5	85	.1	1297	17	1	2	261	1
SS-30	1	40	7	119	.3	1338	28	1	2	341	4
SS-31	1	25	12	90	.2	1351	15	1	2	300	327
STD C/AU-S	18	63	40	132	6.7	959	44	18	14	173	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au** PPB
E 41659	1	13	9	64	.1	464	4	1	2	153	8
E 41672	5	13	48	126	.1	335	14	1	2	98	7
E 41673	1	3	26	229	.1	267	2	1	2	467	6
E 41674	1	16	30	168	.1	305	2	1	2	123	14
E 41675	1	28	5	135	.1	833	2	1	2	254	1
E 41676	3	60	10	66	.2	819	5	1	2	715	6
E 41677	2	212	30	126	.2	460	19	1	2	67	18
E 41678	1	20	8	58	.2	709	4	1	2	294	9
E 41679	3	48	38	82	.1	19	29	1	2	94	6
E 41680	4	75	66	156	.1	55	31	1	2	119	18
E 41681	3	128	53	90	.1	59	24	1	2	103	12
E 41682	4	69	47	244	.1	63	34	1	2	88	13
E 41683	3	53	85	56	.1	11	24	1	2	116	9
E 41684	1	8	21	134	.1	556	4	1	2	524	3
E 41685	1	9	7	50	.1	657	2	1	2	156	10
STD C/AU-R	18	63	40	132	6.8	1013	41	18	15	179	520

ACME ANALY..CAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUV B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 SOIL P2 SILT P3 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 9 1989 DATE REPORT MAILED: Aug 16/89 . SIGNED BY. C. Leong . . D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

NORAMCO EXPLORATION INC. PROJECT 2002 File # 89-2792 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au* PPB
S-5066	1	21	8	84	.2	727	3	1	2	299	2
S-5100	1	15	15	207	.1	1279	10	1	2	342	1
S-5101	1	74	20	265	1.2	865	34	2	2	405	1
S-5102	1	36	12	201	.3	645	26	1	2	229	1
S-5103	1	42	10	243	.6	632	25	1	2	324	91
S-5104	1	18	11	95	.1	361	7	1	2	152	2
S-5105	1	14	8	110	.1	398	8	1	2	93	1
S-5106	1	30	18	251	.4	1024	9	1	2	254	1
S-5107	1	13	5	147	.1	555	11	1	2	139	1
S-5108	1	21	13	204	.4	6193	10	2	2	490	3
S-5109	1	47	22	209	1.4	1083	22	2	2	369	8
S-5110	1	19	19	167	.3	922	5	1	2	200	2
S-5111	1	14	16	116	.2	575	12	1	2	135	2
S-5112	1	14	6	62	.1	402	8	1	2	103	37
S-5113	1	9	11	59	.2	1473	2	1	2	91	1
S-5114	1	12	14	126	.2	261	23	1	2	96	5
S-5115	1	13	12	88	.1	277	12	1	2	105	1
STD C/AU-S	19	63	41	132	6.9	1022	43	19	15	178	53

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au* PPB
SS-6	1	24	8	94	.2	723	7	1	2	217	3
SS-8	1	23	11	148	.2	1780	21	1	2	289	1
SS-9	1	21	16	134	.2	461	10	1	2	234	1
SS-10	1	24	18	132	.1	2270	16	1	2	304	3
SS-11	1	21	3	98	.1	903	12	1	2	184	7
SS-500	1	19	3	186	.3	3554	36	1	2	354	2
SS-501	1	21	6	122	.3	2179	31	1	2	356	8
SS-503	1	44	18	156	.7	2536	16	1	2	497	3
SS-504	1	19	8	88	.3	1054	11	1	2	256	3
SS-511	1	29	12	129	.4	1977	5	1	2	344	4

FA + AA

NORAMCO EXPLORATION INC. PROJE.. 2002 FILE # 89-2792

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	AU** PPB
E 41686	1	44	15	673	3.4	814	257	1	22	727	9
E 41687	1	11	31	104	.3	1439	171	1	2	93	11

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 SOIL P2 SILT P3 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. AU** BY FIRE ASSAY/ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 22 1989 DATE REPORT MAILED: Aug 29/89. SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

NORAMCO EXPLORATION INC. PROJECT 2002 File # 89-3109 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au* PPB
S-1057	1	6	5	142	.1	253	10	1	3	87	4
S-1058	1	6	4	85	.2	1379	5	1	2	123	1
S-1059	1	12	10	172	.1	614	7	1	2	99	3
S-1060	1	9	8	107	.2	1136	9	1	2	120	2
S-1061	1	18	6	105	.2	424	12	1	2	115	2
S-1062	1	10	9	92	.1	311	9	1	2	113	1
S-1063	1	9	6	99	.1	789	6	1	2	105	1
S-5116	1	23	10	94	.3	685	40	1	2	222	1
S-5117	1	17	6	513	.9	937	27	1	2	300	1
S-5118	1	18	10	161	.2	615	17	1	2	212	3
S-5119	1	13	11	280	.1	1427	27	1	2	331	2
S-5120	1	12	9	142	.1	868	13	1	3	133	3
S-5121	1	15	10	96	.1	473	21	1	2	103	6
S-5122	1	21	9	141	.2	652	25	1	2	168	2
S-5123	1	18	8	295	.4	479	38	1	2	147	2
S-5124	1	16	6	94	.1	341	45	1	2	95	2
S-5125	1	13	7	669	.2	451	51	1	2	179	2
S-5126	1	22	6	106	.1	643	37	1	3	94	2
S-5127	1	124	9	176	1.1	912	33	1	2	211	2
S-5128	1	51	14	177	.9	599	65	1	2	147	1
S-5129	1	19	5	115	.2	513	15	1	2	147	17
S-5130	1	14	10	214	.1	735	13	1	2	200	2
S-5131	1	87	11	463	1.2	1880	20	1	2	444	3
S-5132	1	34	8	177	.4	972	17	1	3	236	3
S-5133	1	14	9	142	.1	597	11	1	2	148	1
S-5134	1	30	9	226	.1	1084	15	1	2	172	1
S-5135	1	14	8	120	.1	616	14	1	2	110	3
S-5136	1	14	6	138	.2	603	14	1	2	125	1
S-5137	1	14	12	231	.1	936	12	1	2	181	2
S-5138	1	75	7	239	.9	617	24	1	3	333	1
S-5139	1	40	12	239	.4	762	25	1	4	329	2
STD C/AU-S	18	60	43	132	7.2	1028	42	18	15	173	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	AU* PPB
BC-SS-512	1	24	6	79	.2	543	7	1	2	214	2
BC-SS-513	1	28	13	90	.3	723	12	1	2	160	1
TL-SS-1	1	22	7	102	.4	837	14	1	2	207	1
TL-SS-2	1	16	2	64	.3	1164	15	1	2	239	1
TL-SS-3	1	17	10	80	.4	1418	15	1	2	302	1
TL-SS-4	1	20	9	74	.4	1335	10	1	2	264	2
TL-SS-5	1	17	8	70	.3	1273	10	1	2	235	1
TL-SS-6	1	14	6	66	.2	1011	13	1	2	202	3
TL-SS-7	1	17	8	74	.1	694	13	1	2	221	2
TL-SS-8	1	15	9	73	.2	945	12	1	2	219	2
STD C/AU-S	18	62	36	132	7.3	1021	42	20	16	175	49

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	Cd PPM	Sb PPM	Ba PPM	Au** PPB
E 41688	1	13	2	74	.1	633	9	1	2	96	1
E 41689	1	280	18	289	3.1	586	327	1	43	917	7
E 41690	1	12	24	126	.7	68	324	1	6	79	3
E 41691	1	15	7	58	3.2	419	567	1	13	132	34
E 41692	1	6	5	98	.7	1117	413	1	9	69	14
E 41693	1	14	2	231	1.7	10097	194	1	5	113	7
E 41694	1	10	10	77	.3	386	496	1	4	486	5
E 41695	1	7	2	105	.1	706	16	1	2	214	3
E 41696	1	24	2	110	.1	560	16	1	2	256	1
E 41697	1	28	5	121	.1	1173	11	1	2	116	1
E 41698	1	13	2	84	.1	240	719	1	7	119	1
E 41699	45	45	380	984	2.8	720	445	6	10	366	5
E 41700	2	71	462	129	1.7	798	30	1	12	198	1
E 41701	1	106	57	191	2.0	1149	39	1	16	225	2
E 41702	1	6	18	68	.1	925	12	1	3	286	3
E 41703	1	17	23	123	.2	871	14	1	6	204	3
E 41704	1	14	3	115	.1	1133	2	1	2	52	6
E 41705	2	567	2771	1293	196.0	158	3341	7	654	13	3
STD C/AU-R	18	58	36	132	6.9	1020	43	19	15	176	500