BlueSky
Oil & Gas Ltd.

Seventh Floor,
333 - 5th Avenue S.W.,
Calgary, Alberta, T2P 3B6
Telephone: (403) 263-0690
Telex: 03825877

Geological, geochemical
and drilling

CRYSTAL CREEK PROSPECT. BRITISH COLUMBIA
Yearend Report
1981 Exploration Program
October, 1981

Golden M.D.

NTS82 - K 14E, 15W, 15E 50°45 117°00

Owner: Cochrane Oil & Gas Ltd.

G. Nolin, P. Geol.
Mining Exploration Manager
Bluesky Oil & Gas Ltd.

G. Nolin

LEGEND

I Summary and Recommendations

II Introduction

III Location and Access

IV History

V Land Status

VI Geology

VII Bluesky's 1981 Exploration Program

VIII Conclusion and Recommendation

IX 1981 Expenditures

X Appendices

- A Assay Certificates
- B Diamond Drill Logs
- C Geological reports on Warren Creek and Pro - claims by Bill Day, P.Geol.
- D Geological report on Tect claims and reverted crown grants L542, L543, and L651 by Albert Von Hoff, P. Eng.
- E Geochemistry Certificates

Accompanying Maps and Sections

North Pro Claims

Base Map
Ag in Soil Geochemical Survey
Pb in Soil Geochemical Survey
Zn in Soil Geochemical Survey

South Pro Claims

Base Map
Ag in Soil Geochemical Survey
Pb in Soil Geochemical Survey
Zn in Soil Geochemical Survey

Warren Creek Claims

Base Map
Au in Soil Geochemical Survey
Cu in Soil Geochemical Survey

Stream Sediment Map, Cog, Pro and Tect Claims

Base Map over Cog, Pro and Tect Claims

Land Holding Map

Diamond Drill Hole Location Map

I Summary and Recommendations

The 1981 exploration program was divided into three projects:

I - A detailed drill program on the Tect claims concentrated on areas of known mineralization and previous encouraging drill intersections.

II - A detailed geochemical and geological program over the Warren Creek claims to investigate and evaluate previous reports of good Cu values in soil geochemical and drill intersections.

III - A reconnaissance program of geology, prospecting and geochemistry designed to evaluate the north and south Pro claims as well as the Cog claims.

The detailed drill program on the Tect claims confirmed the presence of ore grade sulphide mineralization. Four drill holes totalling 440 metres were completed, further defining the extent of the ore grade mineralization and with previous work providing the basis for a continued program of drilling and geophysics. The core is stored in the Calgary warehouse of Bluesky.

The Warren Creek prospecting encountered sulphide mineralization. Pb, Zn, and Cu geochemical anomalies were defined over the property. Further mapping and prospecting is planned before geophysical surveys or drilling will be attempted.

The reconnaissance programs further evaluated a large portion of our claims and encountered and partially defined geochemical anomalies over the Pro claims.

Reconnaissance, geology, mapping, prospecting and sampling were also carried out on reverted crown grants L542, L543, and L651.

Mapping, further soil sampling, as well as IP and Sp surveys are recommended for the 1982 program.

II Introduction

The Crystal Creek Project was acquired through an option agreement dated August 5, 1981 between Bluesky Mining Ltd. and Cochrane Oil & Gas Ltd.

Bluesky personnel and consultants commenced field work on July 13,1981, the project was suspended September 15, 1981. Exploration during the 1981 field season included geological mapping, prospecting, soil and silt geochemical sampling, and diamond drilling.

Several new geochemical anomalies were found which will require further evaluation. Areas of known mineralization were further defined and evaluated. Drilling further defined the known mineralization on the Tect claims.

III Location and Access

The Crystal Creek Project centres on an area located in the Purcell Mountains approximately 40 kilometres south of the town of Golden, British Columbia. The project area lies within the Golden Mining Division on N.T.S. sheets 82-K-14E, 15W, 15E.

Access to the property is provided by Provincial Highway 95 south from Golden to Parson, followed by 51 kilometres (32 miles) along a gravelled logging road which traverses the main block of claims. Several abandoned logging roads and cat trails also traverses the area and can be travelled by 4-wheel drive vehicles.

Rail services would likely be available on the Canadian Pacific line that the main logging road intersects at Parson, British Columbia.

The topography varies from approximately 1,200 metres above sea level at the creek beds of Vowell, Crystalline, Conrad and Warren Creeks, to approximately 2,700 metres above sea level at the peaks of Azurite and Vermont Mountains.

IV History

Mining exploration in the Crystal Creek area dates back to the late 19th century. Showings were first reported in the Crystal and Vermont valleys. The latter developed into a deposit (Ruth Vermont Mine) and has been sporadically produced since 1898.

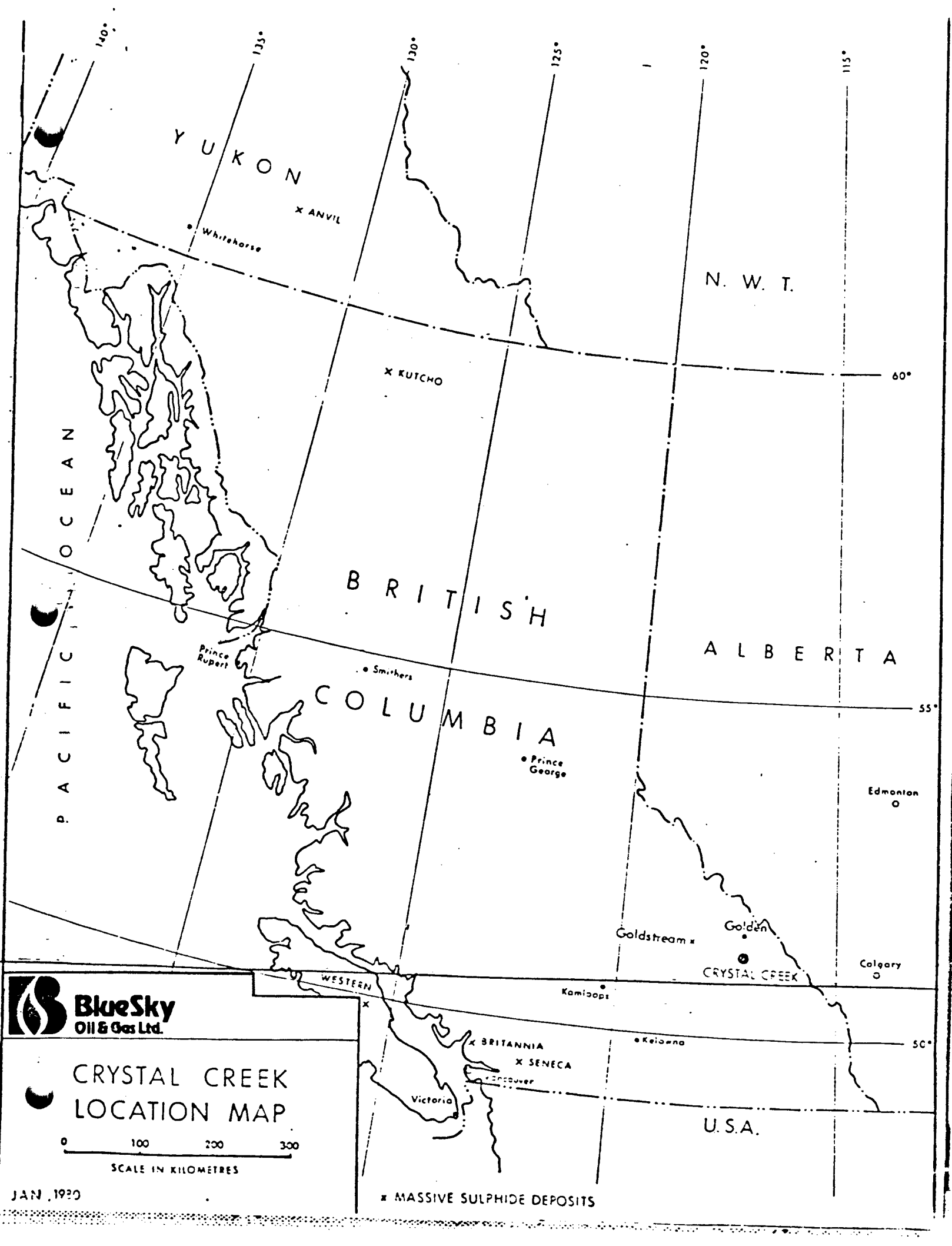
The showings on the north side of Crystal Creek were first reported in 1890, these and other showings were located and staked by Mr. R. Renn in 1965.

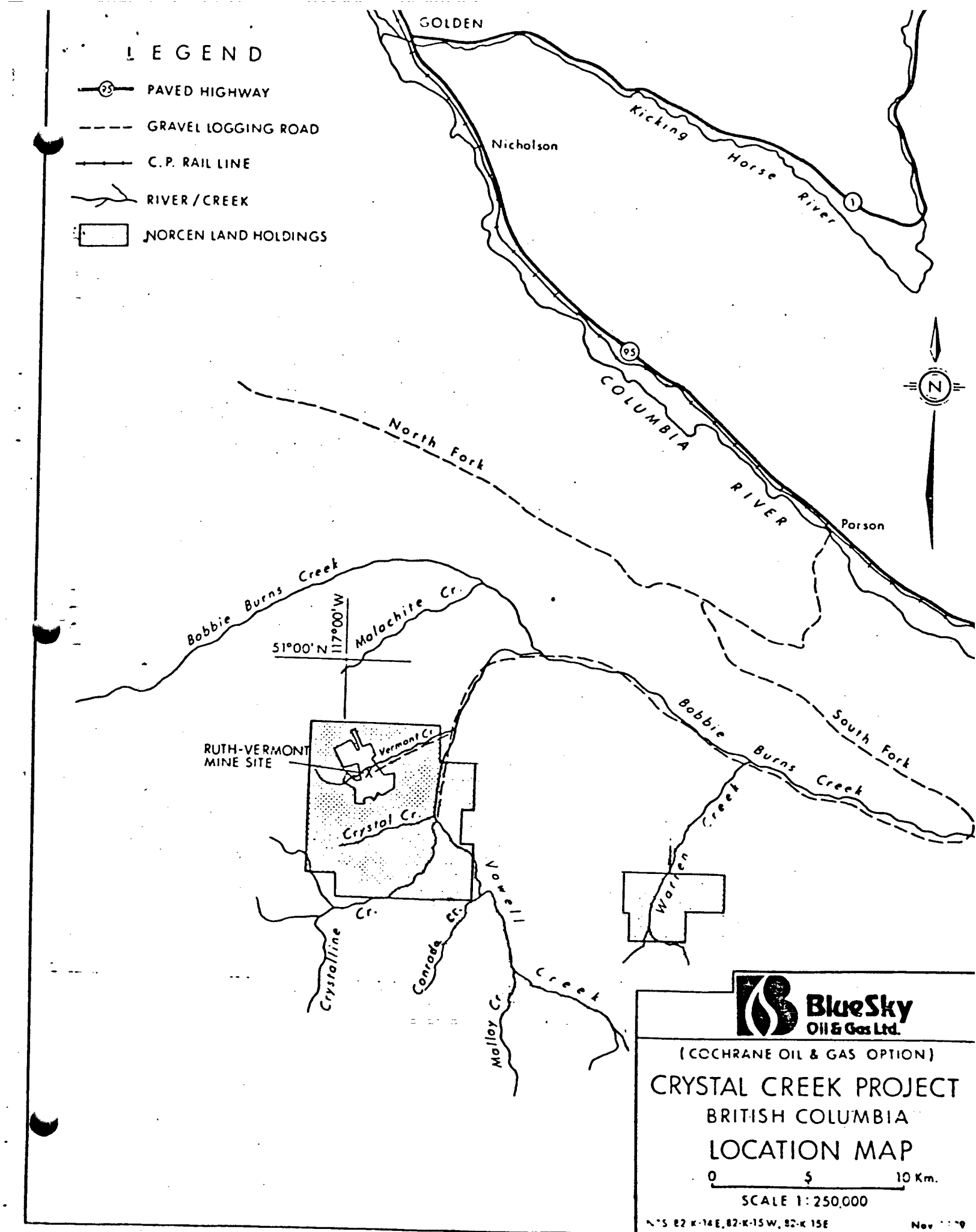
The property was optioned to Purcell Range Mines Ltd. who completed bulldozer stripping with little success. Ownership of the claims was transferred to Medesto Exploration Ltd. in 1967. They completed a limited amount of trenching and two short diamond drill holes. A soil geochemistry survey and eighty metres of diamond drilling were reported in 1974. In 1978, Medesto became Cochrane Oil & Gas Ltd. Cochrane completed more soil geochemistry surveying, trenching and diamond drilling. The property also covers a copper showing near Warren Creek. This showing was originally discovered in the 1920's and was partially explored by two small tunnels. In 1960 and 1961, airborne and ground geophysics and 1,100 metres of diamond drilling, with several good shows, were completed for St. Andrews Mining Co. Further electromagnetic surveying, trenching and 700 metres of diamond drilling was done in 1968. In 1972 and 1973, geological, soil geochemical and self potential surveys were carried out for the Caroline Mines Ltd.

Norcen Energy Resources acquired the Crystal Creek property from Cochrane Oil & Gas Ltd. under an option agreement dated August 14, 1979. Work carried out by Norcen in 1979 was restricted mainly to a gridded area which included the showings north of Crystal Creek. The 1979 exploration included geological mapping, soil geochemical surveying, electromagnetic surveying and the diamond drilling of twelve holes totalling 763 metres. The 1980 Norcen program was similar to 1979 with 530.03 metres of diamond drilling.

Norcen concluded that most geochemical anomalous areas were found to be coincidental with axial plane traces of major folds which have acted to localize mineralization. They believed that for their economics they had discovered no significant mineralization and that most mineralization was related to quartz veins. Norcen allowed their option with Cochrane Oil & Gas Ltd. to terminate.

Under an agreement dated August 5, 1981, between Bluesky Mining Ltd. and Cochrane Oil & Gas Ltd., Bluesky obtained the Crystal Creek property.


140°
135°
130°
125°
120°
115°
YUKON
ANVIL
Whitehorse
N. W. T.
KUTCHO
60°
PACIFIC OCEAN
BRITISH
COLUMBIA
ALBERTA
Prince Rupert
Smithers
Prince George
Edmonton
55°
Goldstream
Golden
CRYSTAL CREEK
Calgary
WESTERN
Kamloops
Kelowna
50°
BRITANNIA
SENECA
Victoria
U.S.A.
BlueSky
Oil & Gas Ltd.
CRYSTAL CREEK
LOCATION MAP
0 100 200 300
SCALE IN KILOMETRES
JAN. 1990
x MASSIVE SULPHIDE DEPOSITS


LEGEND
PAVED HIGHWAY
GRAVEL LOGGING ROAD
C.P. RAIL LINE
RIVER / CREEK
NORCEN LAND HOLDINGS
GOLDEN
Nicholson
Kicking Horse River
COLUMBIA RIVER
North Fork
Parson
Bobbie Burns Creek
Malachite Cr.
51°00' N
117°00' W
RUTH-VERMONT MINE SITE
Vermont Cr.
Crystal Cr.
Bobbie Burns Creek
South Fork
Warren Creek
Crystalline Cr.
Conrade Cr.
Molloy Cr.
Creek
N
BlueSky Oil & Gas Ltd.
(COCHRANE OIL & GAS OPTION)
CRYSTAL CREEK PROJECT
BRITISH COLUMBIA
LOCATION MAP
0 5 10 Km.
SCALE 1:250,000
NTS 82 K-14E, 82-K-15W, 82-K 15E

V Land Status

The following claims staked under the Modified Grid System were acquired from Cochrane Oil and Gas Ltd. by option under the terms of the August 5,1981 agreement.

Claim Name	Record Number	Expiry Date
Pro 1	429	September 28, 1984
Pro 6	430	September 28, 1981
Pro 7	431	September 28, 1981
Pro 8	432	September 28, 1981
Pro 9	433	September 28, 1981
Pro 10	434	September 28, 1981
Pro 11	435	September 28, 1981
Pro 12	436	September 28, 1981
Pro 13	437	September 28, 1981
Tect 1	410	September 14, 1983
Tect 2	411	September 14, 1983
Tect 3	412	September 14, 1990
Tect 4	413	September 14, 1986
No One L542	406	September 07, 1981
Diamonde L543	407	September 07, 1981
Monitor L651	408	September 07, 1981
Cog 5	324	June 18, 1986
Cog 7	326	June 18, 1987
Cog 14	333	June 18, 1988
Cog 15	334	June 18, 1987
Cog 6	325	June 18, 1982
Cog 8	327	June 18, 1982
Cog 10	329	June 18, 1982
Cog 12	331	June 18, 1982
Cog 13	332	June 18, 1982
WC 2	307	June 18, 1982
WC 3	308	June 18, 1982
WC 4	309	June 18, 1982
Cog 4	323	June 18, 1987
Cog 1	320	June 18, 1987
Cog 2	321	June 18, 1987
Cog 3	322	June 18, 1987

VI Geology

The Crystal Creek Project lies within an area underlain by the Proterozoic Windermere rock of the Horsethief Creek Group. J. E. Ressor of the Geological Survey of Canada mapped the Lardeau area (within which is the Crystal Creek Property) on a scale of 1:250,00 (approximately 1 inch to 4 miles).

Ressor describes the Horsethief Creek Group as a "thick sequence (3,000 to 8,000 feet) of slate, argillite and phyllite as well as lesser amounts of quartzite, greywacke and limestone. In addition, it contains considerable thicknesses of quartz pebble conglomerate and pebbly grit".

In general, the lower part of the Horsethief Creek consists dominately of argillite and slate with some limestone. The middle part is characterized by quartzite, grit and pebble conglomerate along with the slate and phyllite. The upper portion is predominantly purple and red slate and siltstone with minor limestone.

The regional metamorphic grade of the Horsethief Creek within the Crystal Creek Project area is lower to middle greenschist facies. The level of metamorphism increases southward as the Bugaboo intusive is approached. Locally contact metamorphism superimposed on the regional metamorphism has locally given rise to lower almandine-amphibolite facies.

The mesozoic structure patterns within the Crystal Creek Project area are dominated by the Purcell anticlinorium. The Purcell anticlinorium is essentially a very complicated belt consisting of open folds in successions of relatively competent strata and more complex tighter folds in less competent, thinner bedded sections. The structural picture is often further disturbed by local faulting.

Local Geology

The former reports and maps on the property, predominately those of Norcen and Cochrane Resources, area reports, as well as the grid controlled mapping and a limited number of geological traverses were utilized in formulating a preliminary geological description and interpretation of the property.

Lithology

Several rock types were identified including a variety of argillites, phyllites, limestone, arkose, quartzite, grits, and quartz pebble conglomerates. A brief description of each is given below:

1. Argillite (and its foliated equivalent phyllite) is the predominant rock type located on the grid. Several variations are present ranging from light gray to near black in color, and from massive and structureless to thinly laminated, bedded, and sometimes varved varieties. The darker colored argillites frequently contain pyrite or marcasite crystals. The numerous varieties are commonly interbedded and may not be calcareous. Soft sediment and structural deformation is often visible in the laminated and bedded varieties.

2. Limestone is not abundant on the grid. Typically the limestone is dark colored, fine grained, impure and interbedded with thin beds of argillite. In several areas, calcareous arkosic or sandy layers were identified and these may represent an impure coarse variety of the limestone.

A unique calcareous unit was located in the eastern portion of the grid. The rock appears to contain oolites or pisolites as well as angular clasts of a variety of rock types common to the local area. The current interpretation is that this represents slump brecciation within a shallow water environment. This carbonate breccia has a thickness of 3 to 5 metres (perhaps locally up to 10 metres) and represents a marker horizon that may assist in the unravelling of the stratigraphy on the Crystal Creek property.

3. Quartzite, Arkose, Grits, and Pebble Conglomerates

Rocks of varying clastic composition ranging in grain size up to 10mm are found on the Crystal Creek grid area. For the most part the clastic rocks are light gray and green colored although dark brown and dark gray varieties are present. The coarser varieties are dotted with white and blue quartz clasts. Several arkosic and gritty sections are calcareous.

The western and southern portion of the grid area is primarily underlain by clastic rocks. Although outcrop exposures are limited, the clastic section would appear to be several tens perhaps hundreds of metres thick with interbeds of argillite (phyllite).

Most of the particles consist of quartz which may occur as aggregates of grains as in the quartz pebble conglomerates. The pebbles in the conglomerates are predominantly of quartz, although feldspar, chert, quartzite dolmite, and argillite pebbles are recognizable. The coarse (up to 50mm) pebble conglomerates were not seen on the grid area however several outcrops are visible along the main access logging roads to the east.

In the southern Tect claims grid area, thick sequences (in excess of 35 metres) of quartzite and pebbly grit was intersected at the bottom of drill hole 79-11. The quartzite and pebbly grits were highly altered by sericitization and contained a high percentage of disseminated pyrite and arsenopyrite (up to 15% disseminated sulphides in places).

Stratigraphy and Structure

One limestone bed, on the order of 30 metres thick was traceable over several kilometres in the western portion of the property. Although this limestone is volumetricly insignificant within the section it appears to mark a very sharp change in the depositional regime during Horsethief Creek time. Below the limestone, the sediments are dominated by relatively coarse grained clastics such as arenites and conglomerates, occurring in fining upward cycles of various thicknesses.

Overlying the limestone are thick sequences of predominately greywacke with subordinate arenite and shale. All are fine grained and reflect an increase in the amount of clay being supplied to the area. Graded bedding and fining upward sequences are common. Higher in the section black shales become more common, as opposed to the grey and green shales lower down.

Certain of the shale horizons have a varved appearance suggestive of differential settling of a suspended sediment load. These are features of deep water deposition. Hence, it would appear that after the deposition of the limestone, the area experienced extensive transgression creating the deep water sediments observed in the western portion of the property.

The major fold on the property is an anticlinorium whose axis, or more precisely, axial area, runs through the Ruth Vermont Mines deposit and through the showings on the north side of Crystal Creek. This fold is well exposed on the north and south sides of the Vermont Creek and it was found that, while structure was easily definable within the flanks, the central or axial area was highly foliated and contorted. This zone was some 1.5 kilometres wide. Along the strike, this zone is largely obscured by the overburden within Vowell Creek but may be recognized in isolated outcrops by an associated strong foliation. Such a major anticlinorium should have adjacent synclinoria. The one to the southwest was not observed, being out of the area of interest. The one to the northeast is within the property boundaries but is not documented. It would appear that the axial area of the syclinorium passes through the vicinity of the Warren Creek showings. A limestone bed outcrops in that area which may be correlatable with the one previously mentioned as no other limestone was observed to the west. If such is the case it would mark the exposure of younger rocks in the trough of the syclinorium.

The secondary folds in the limbs of these major structures are generally parallel and upright. The wavelength of these folds appears to be on the order of 0.5 kilometres. They are seen to plunge either north or south or to have horizontal axes. It was observed in the western portion of the property that some anticlines die out to the north by changing along strike from anticlines to structural terraces. At those points the folds had a gently northerly plunge.

Fracturing was observed in most folds parallel to the axial planes. These fractures seem to have localized quartz veining which in turn is often accompanied by sulphide mineralization. It was also observed that anticlinal axial planes were often highly altered and hematized. Faults are neither major or common within the map area.

Mineralization

The observed mineralization on the Tect portion of the property appears to be related to release fractures along a zone of weakness related to the axial planes of anticlines. The area lies on the axial trace of the Vermont anticlinorium. The mineralized veins on the Ruth Vermont property are steeply dipping and strike at approximately 115 degrees. Most ore grade mineralization appears to be in veins but several intersections of sulphide mineralizations with good base metal values have been encountered which appear to be strata bound.

Drilling and trenching have encountered ore grade Ag, Pb, Zn, and Cu mineralization in 5 locations: drill holes # 79-11, 77-3, 81-3, 75-1, and trench # 77-3; along a N.W., S.E. strike extending over 2,200 feet. Ore grade mineralization has also been encountered at 4 locations: drill holes # 79-8, 81-3, 77-3, and trench # 77-3; along an approximate bearing of 115 degrees for a distance of 300 feet.

A list of significant mineralization is as follows:

Selected Assays

Hole #	Interval (in feet)	Width (in feet)	% Pb	%Zn	Oz/Ton Ag
1-75	42 - 50	8	2.11	5.43	2.33
3-77	107.5 -123	15.5	3.43	8.61	3.39
81-3	200.7 -206.1	5.4	1.72	7.34	2.12
79-11	312 -313.3	1.3	12.49	13.13	12.72
	328.3 -328.9	0.6	1.62	8.20	1.44
	374 -374.3	0.3	5.40	0.42	4.28
	387.3 -387.6	0.3	7.40	14.50	20.50
	408 -408.6	0.6	4.99	12.88	8.90
	410.9 -412	1.1	15.44	1.45	14.92
79-8	74.13- 75.1	0.97	2.48	7.43	1.72
	75.1 - 75.9	0.8	2.0	2.8	2.34
	75.9 - 76.88	0.98	5.78	8.32	5.36
	76.88- 78.55	1.67	7.85	11.64	8.84
	78.55- 79.7	1.15	10.95	15.39	10.70
	79.7 - 80.03	0.33	2.64	3.90	2.56
	80.03- 81.01	0.98	2.22	4.20	2.50
Trench					
77-3		18 feet	1.9	2.84	3.43

On Warren Creek claims, chalcopyrite which assayed over 4% Cu was located by an old dump. The mineralization is reported to be related to narrow quartz veins in a shear zone.

VII Bluesky's 1981 Exploration Program

Diamond Drilling

In order to further define known mineralization and obtain better geological control, four drill holes totalling 440 metres were drilled on the Tect claims. Several mineralized zones were encountered, the most significant was listed under mineralization. A map of drill locations, strip logs with dip sections and bearings, and assay reports are included with this report. Drilling was done by Drillcor Ltd. out of Vancouver, British Columbia. A hydrowink drill was used and B.Q. Core recovery was excellent for all holes.

Geochemical Surveys

A total of 2,177 soil samples were taken over the course of the summer's regional evaluation of the Crystal Creek property.

In addition to that, selected stream sediment and rock samples were also taken. The samples were analyzed for Cu, Pb, Zn, Ag, and those over the Warren Creek claims were also analyzed for Au.

Where possible, soil samples were taken on a grid pattern of 150 x 25 metres. The rugged terrain over the property made it impossible to entirely cover each area. Where there was no soil development, rock samples were taken when possible. All samples were sent to Barringer Magenta Ltd. of Calgary for analysis.

Geochemical statistical analysis were run for each element and each area by Murex Ltd of Calgary. The mean variance, standard deviation, skew, kurtoser, chi square, degrees of Freedom and correlation values between elements were calculated for the North Pro area, South Pro area, and Warren Creek area. Histograms and statistics are included with this report. Trends for Cu, Pb, and Zn are highlighted by using black print for all values below the mean and different colors for each standard deviation above the mean. For silver, the values were very low and anomalous trends and highs were more simply illustrated by using different colors for 1 ppm, 2 ppm, 3 ppm, and 4 or higher ppm.

Zn appears to be the best pathfinder element for the area with other elements often further defining the broader Zn anomaly.

The grid over the North Pro claims defined several very significant anomalies for all analyzed elements. These were along N.W. - S.E. to E.W. trends. These anomalies may be the surface representation of underlying sulphide mineralization similar to that of the Ruth Vermont and Tect properties.

Cu values over the North Pro area appear to be bimodal with the higher population perhaps due to underlying mineralization. The background for all elements in the area appears higher than normal.

Over the south Pro Area several anomalous high zones were encountered but due to rough terrain and time restrains the grid did not provide enough detailed control to properly define any definite trends.

On the Warren Creek claims, it has always been assumed that the only type of mineralization or associated geochemical anomaly would be chalcopyrite and Cu. Several significant Ag, Pb, and Zn anomalies were also encountered and defined.

Conclusions and Recommendations

In the 1981 Crystal Creek field program commenced July 13th, and terminated September 15, 1981. Exploration included geological mapping and prospecting, geochemical soil sampling and diamond drilling. Four holes totalling 440 metres were completed between August 14th and September 15th, 1981.

The initial geochemical and geological program outlined a number of anomalies which warrant further geological , geochemical, and geophysical investigation.

The drill program has encountered significant sulphide mineralization as well as provided enough geological information to formulate a drill program designed to help further define the limits of ore grade material. The massive sulphide type of mineralization and possibly the disseminated sulphide with the clastic rocks both hold excellent potential for an economic deposit on this property. To further evaluate the potential of this property, a 1982 program is justified and should include:

Geological mapping, test IP an SP surveys, prospecting, geochemical sampling, diamond drilling, trenching and possibly an exploration drift under drill hole # 79-8, and driven towards the ore intersections of holes # 77-3 and 81-3.

1981 EXPENDITURES

	Amount
Mining Salaries	$ 14,587.00
Overhead 10%	1,458.70
Contractors and Consulting Drilling	56,191.80
Overhead 5%	2,809.59
Vehical Rentals and Maintenance	5,787.26
Overhead 5%	289.36
Assays and Sample Processing	27,625.60
Overhead	1,381.28
Camp Costs (Supplies, Tents, Campfuel, Food, Misc.)	10,716.66
Overhead 10%	1,071.67
Air Transportation, Charter	7,281.10
Overhead 5%	364.06
Maps and Publications	4,484.12
Overhead 10%	448.41
Expense Accounts (Travel, Meals, Accomadation)	102.90
Overhead 10%	10.29
Contractors and Consultants General	1,496.25
Overhead 5%	74.81
Contractors and Consultants Ground Geology	25,293.77
Overhead 5%	1,264.69
Recording Fees	6,900.00
Overhead 5%	345.00
Grouping Fees	20.00
Overhead 5%	1.00
Total Expenditures	$ 160,486.46
Total Overhead	9,518.86

162 739.32

not allowed

TEK

A P P E N D I X A

Assay Certificates

A P P E N D I X B

Diamond Drill Logs

A P P E N D I X C

Geological Reports on Warren Creek and Pro Claims

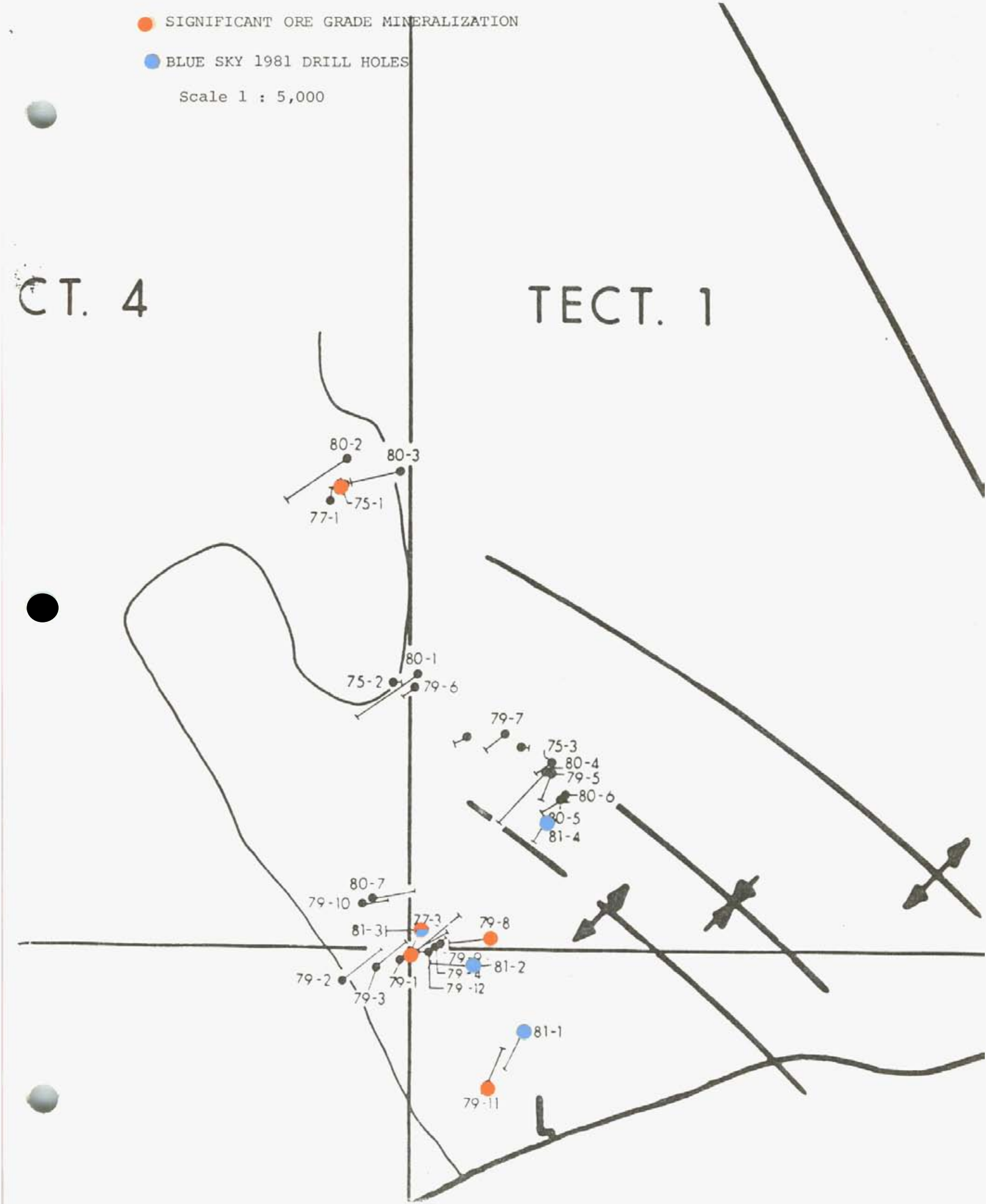
A P P E N D I X D

Geological Report on Tect claims and

Reverted Crown Grants L542, L543, and L651

A P P E N D I X E

Geochemisty Certificates


SIGNIFICANT ORE GRADE MINERALIZATION
BLUE SKY 1981 DRILL HOLES
Scale 1 : 5,000
CT. 4
TECT. 1
80-2
80-3
75-1
77-1
80-1
75-2
79-6
79-7
75-3
80-4
79-5
80-6
80-5
81-4
80-7
79-10
77-3
79-8
81-3
81-2
79-2
79-1
79-3
79-12
81-1
79-11

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** B1.-1

SHEET NUMBER 1 | SECTION FROM 0 TO 21.66 | STARTED Sept. 1, 1981

LATITUDE _____ | DATUM _____ | COMPLETED Sept. 8, 1981

DEPARTURE _____ | BEARING 211° | ULTIMATE DEPTH 490

ELEVATION _____ | DIP 80° | PROPOSED DEPTH 350

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
0 - 9.45	Casing. NOTE: Top casing 3/0m (7 ft) above ground.								
9.45 - 10.67	Badly broken section of core, poor core recovery, fragments of ex pelite, banded, contorted bedding; ang. qtzite, qtzite, etc.								
10.67 - 11.59	Pelite, lt-mgy, banded (60° AC) in places contorted bedding grading into								
11.59 - 12.59	Quartzite, ang, lt. gy, v.f.-f.gr., w/ qtz veinlets & small lenses from								
	12.34 - 12.59 at 12.34 thin irregular bed (1-5 mm) of py								
	w/ tr. sphal. SAMPLE: 12.19 - 12.59	4125	0.40	.007	.006		.02	<.01	
12.59 - 12.89	Pelite, m.gy, speckled. (speckles < 1mm.)								
12.89 - 14.59	Pelite, lt & m.gy, banded (45° AC), bands < 20 mm, speckled in places.								
14.59 - 21.66	a.a. but with varying degrees of py/mn. min. pred. // bands								
	14.59 - 15.08: up to 10% py/mn.								
	14.84 - 14.86: qtz vein cross cutting banding with								
	40% min. (50/50 gal. & sphal.); banding 45° AC								
	qtz vein 60° AC.								
	15.08 - 18.14: min. py/mn < 1% to absent.								
	18.14 - 20.06 py/mn min. throughout ± 5% from								
	18.39 - 19.63 several narrow zones < 50 mm								
	representing ± 25% of total length of								
	core w/ upto 20% py/mn. min. occurs								
	in bands & disc.								

LF C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-1

SHEET NUMBER 2 SECTION FROM 21.66 TO 26.29 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent		
				Au	Ag	Cu	Pb	Zn
	Note: throughout section several small veinlets,							
	<1mm - 3mm, of pred. qtz, wh. & tr. dol. From							
	19.81 - 19.81, several intensily folded qtz. veinlets.							
	Toward bottom sediment more arenaceous with							
	discreet beds upto 10cm.							
	SAMPLES: 14.59 - 15.08	4126	0.49	.001	ND		1.41	.56
	18.14 - 18.64	4127	0.50	.002	.042		<.01	<.01
	18.64 - 19.14	4128	0.50	ND	.228		<.01	<.01
	19.14 - 19.81	4129	0.67	ND	.042		<.01	<.01
21.66 - 22.66	Quartzite, lt.gy. avg. in places, 5-10% py/mn. & several							
	small <2mm qtz veinlets.							
	SAMPLES: 21.66 - 22.16	4130	0.50	ND	ND		<.01	<.01
	22.16 - 22.66	4131	0.50	ND	ND		<.01	<.01
22.66 - 22.76	Quartz vein, milky, barren.							
22.76 - 24.38	Interbedded sequence of lt-m.gy banded pelite & lt.gy avg.							
	quartzite, avg. qtzite comprises 99cm of total section.							
	avg. qtzite carries cons. py min. upto 25% in places.							
	Badly broken & blocky: 23.16 - 23.36; 23.96 - 24.38							
	SAMPLE: 23.63 - 24.38	4132	0.75	.004	ND		.02	<.01
24.38 - 26.29	Pelite, m.gy, massive with occ. thin <2mm qtz & dol veinlets							

LF C-1256

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-1

SHEET NUMBER 3 SECTION FROM 26.29 TO 68.58 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent		
				Au	Ag	Cu	Pb	Zn
	tr. py/ma section fract. in places, 80° AC, fract. ox.							
	SAMPLE: 24.38 - 24.88	4133	0.50	ND	.018		<.01	<.01
26.29 - 34.57	Pelite, lt-m.gy, speckled, occ. thin qtz veinlet < 3mm., occ.							
	banding, grading into SAMPLE: 31.50 - 32.00	4134	0.50	ND	ND		<.01	.01
34.57 - 43.21	Pelite, lt-m.gy, banded, speckled in places.							
	36.40 - 36.58 ; 38.35 - 38.55 : thin beds arg. qtzite or aren. pel.							
	41.20 - 41.40 : blocky.							
	42.81 - 43.21 : contorted bedding							
	37.55 - 37.93 : contorted qtz. veinlets with tr. py min.							
	SAMPLE: 37.50 - 38.00	4135	0.50	ND	.006		<.01	.01
43.21 - 44.20	Pelite, m.gy, mass. bedded with occ. thin < 20cm aren. pelite							
	lt.gy w/ tr. py, grading into							
	SAMPLE: 43.70 - 44.20	4136	0.50	ND	ND		<.01	.01
44.20 - 68.58	Pelite, lt-m.gy, highly contorted, in places bedding ⊥ AC, remnant							
	sed. structures, slump struct. etc., occ. thin qtz ± dol vein, < 3mm,							
	± occ. tr. py/ma.							
	49.17 - 49.71 : badly broken, fract. 80° AC. → ⊥							
	55.54 - 56.03 : " " " ⊥ AC.							
	57.26 - 57.86 : " " " ⊥ AC							
	59.74 - 60.34 : " " " 45° AC.							
	SAMPLES: 52.34 - 52.84	4137	0.50	ND	ND		<.01	.01

LF C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-1

SHEET NUMBER 4 SECTION FROM 68.58 TO 109.12 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
	61.68 - 62.18	4138	0.50	ND	ND		<.01	<.01	
68.58 - 69.57	Pelite, lt & m.gy, banded, aren. & speckled in places banding 90° AC.								
69.57 - 70.69	Quartzite, f.gr., lt.gy at 69.82 2cm qtz vein w/ tr.dol.								
	tr. py. desc. SAMPLES: 69.57 - 70.10	4139	0.53	ND	ND		<.01	.01	
	70.10 - 70.69	4140	0.59	ND	ND		.39	.01	
70.69 - 109.12	Pelite lt & m.gy, bandeed, bands < 15mm.								
	71.63 : banding 20° AC.								
	76.72 - 77.72 : 3 small, < 10mm, qtz veins w/ clusters of py								
	77.72 : banding 25° AC.								
	79.25 - 79.50 : broken & blocky								
	80.81 : small shear, 3cm wide w/ clayey gouge, 45° AC.								
	86.87 : banding 45° AC.								
	87.27 - 87.37 : thin, < 3mm, contorted, qtz veins								
	94.50 : banding 30° AC								
	105.15 : banding 30° AC.								
	108.20 : banding 30° AC.								
	Toward bottom of section gradual change to aren. bedded pelite.								
	SAMPLES: 73.88 - 74.38	4141	0.50	ND	ND		<.01	.01	
	77.12 - 77.72	4142	0.60	ND	ND		<.01	.01	
	87.14 - 87.64	4143	0.50	ND	ND		<.01	.01	

C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-1

HEET NUMBER 5 SECTION FROM 109.12 TO 130.19 STARTED _____

ATITUDE _____ DATUM _____ COMPLETED _____

EPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

EVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
109.12 - 112.35	Interbedded sequence of pelite, m.gy, with occ. pelite, lt.gy, which with depth changes to v.f.-f.gr. qtzite. In addition qtzitic beds increase in thickness w/ depth. tr. py								
	SAMPLE: 111.50 - 112.00	41414	0.50	ND	ND		<.01	.01	
112.35 - 114.60	Quartzite, m.gr. lt gy with occ. blue qtz grns up to 2mm.								
114.60 - 115.70	Grit, lt gy, with small, small pebbles up to 4mm, occ. tr. py								
	SAMPLES: 114.70 - 115.20	4145	0.50	ND	ND		<.01	.01	
	115.20 - 115.70	4146	0.50	ND	ND		<.01	<.01	
115.70 - 116.06	Pelite, lt & m.gy, banded, speckled in places.								
	SAMPLE: 115.70 - 116.06	4147	0.36	ND	ND		<.01	.01	
116.06 - 130.19	Quartzite c.gr. - Grit healed shears (50° AC), core generally badly broken, cons. py. diss. average total section 2-3%., sediment becomes coarser with depth, up to 10 mm elongated pebbles. considerable foliation.								
	116.06 - 118.87 from 1-3% py. & tr. ap.								
	118.87 - 129.0 small sections < 10cm with up to 8% py.								
	121.25: thin, 8 mm, vein primarily sphal. & gal. (80/20%) throughout section occ. thin bed < 5mm of pelite, contact 55° AC.								
	SAMPLES: 116.06 - 116.82	4148	0.75	ND	.018		<.01	<.01	
	116.82 - 117.35	4149	0.53	ND	.012		<.01	<.01	

C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-1

HEET NUMBER 6 SECTION FROM 130.19 TO 138.10 STARTED _____

ATITUDE _____ DATUM _____ COMPLETED _____

EPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

EVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
	117.35 - 118.10	4150	0.75	ND	ND		<.01	<.01	
	118.10 - 118.87		0.77						
	118.87 - 119.62		0.75						
	119.62 - 120.40		0.78						
	120.40 - 121.00		0.60						
	121.00 - 121.40		0.40						
	121.40 - 121.92		0.52						
	121.92 - 122.67		0.75						
	122.67 - 123.44		0.77						
	123.44 - 124.19		0.75						
	124.19 - 124.97		0.78						
	124.97 - 125.72		0.75						
	125.72 - 126.49		0.77						
	126.49 - 127.19		0.70						
	127.19 - 128.02		0.83						
	128.02 - 128.82		0.80						
	128.82 - 129.54		0.72						
	129.54 - 130.19		0.65						
	130.19 - 130.84		0.65						
130.19 - 138.10	Pelite, H i m. gy. banded, contorted bedding, lightly foliated, broken & blocky with fractures // to 45° AC., from 133.00 - 138.10, several								

C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-1

HEET NUMBER 7 SECTION FROM 138.10 TO 149.35 STARTED _____

ATITUDE _____ DATUM _____ COMPLETED _____

EPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

.EVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
	fragments of qtz. (small veins?) with up to 15% py/mo.									
138.10 - 140.79	Grit, lt gy, badly contorted & foliated. interbedded with thin qtz veins < 10cm, barren & porous, & thin beds or lenses of gr. pelite. Grit becomes finer with depth grading into arg. qtzite. Grit & qtz. min. w/ py. up to 10% in place section. badly broken.									
	SAMPLES: 138.18 - 139.13		0.95	ND	.012		<.01	<.01		
	139.13 - 139.68		0.55	ND	.018		<.01	<.01		
	139.68 - 140.21		0.53	.003	ND		<.01	<.01		
	140.21 - 140.81		0.60	ND	ND		<.01	<.01		
140.79 - 144.07	Quartz, milky white, v. porous in places, occ. tr. py.; in places thin beds of highly contorted arg. qtzite. from 142.13 → 142.38 ½ core || A.C. and from 142.38 - 142.68 complete core consists of arg. qtzite. tr. min. restricted to these zones.									
	SAMPLE: 142.16 - 142.81		0.75	ND	ND		<.01	<.01		
144.07 - 149.35	Pelite, m.gy, graphitic, highly contorted, foliated. with irr. qtz veins.									
	quartz veins at: 144.73 - 144.78 contact irregular									
	145.18 - 145.97 contact irregular									
	154.43 - 154.45 contact 75° AC. 25% py.									
	146.21 - 146.40 contact 20° AC.									
	147.72 - 147.64									

C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-1

SHEET NUMBER 8 SECTION FROM _____ TO 149.35 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
	148.0 - 148.10									
	148.14 - 148.155 30% py									
	min. essentially only in pelite, occurs scattered along remnant bedding up to 15% in places.									
	pelite v. blocky & graphitic from 144.78 - 145.08									
	SAMPLE: 144.78 - 145.48		0.70	ND	.042		<.01	<.01		

F C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-2

SHEET NUMBER 1 SECTION FROM 0 TO 30.48 STARTED Aug. 23, 1981

LATITUDE _____ DATUM _____ COMPLETED Aug. 27, 1981

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 350'/107 m

ELEVATION _____ DIP _____ PROPOSED DEPTH 350'/107 m.

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
0 - 3.05	Casing.								
3.05 - 3.55	Pieces & fragments of ox. pelite, qtzite, etc. poor core recov.								
3.55 - 7.27	Interbedded series of arg. qtzite, aren. pelite, & speckled pelite								
	badly fractured, 60° AC, & blocky core, whole section shows								
	various degrees of ox. occ. py/mo XX. & limonite replacement								
7.27 - 24.38	Pelite, lt & m.gy, banded, foliated, highly contorted bedding in								
	places, micro sed. structures occ. py/mo XX								
	10.07 - 10.87 fractured, 60-65 AC, & blocky								
	14.84 - 14.96 fractured, 45° AC, & blocky								
	19.81 - 19.49 qtz vein, milky wh., porous, contact 35° AC.								
	contact ox, lim.								
	rest of section occ. fract., ox, 40-45° AC.								
	SAMPLES: 12.04 - 12.54	4089	0.50	ND	ND		<.01	.01	
	16.76 - 17.26	4090	0.50	ND	ND		<.01	.01	
	22.86 - 23.36	4091	0.50	ND	.006		<.01	.01	
24.38 - 30.48	Pelite, lt & m gy, banded, interbedded with thin beds < 20cm								
	of quartzite & aren. pel.								
	Fractured & blocky: 24.63 - 24.73, 50° AC.; 30.08 - 30.25, 60 AC								
	Quartz stringers: 26.73 - 26.77, contact 60° AC., few								
	blebs of py, <2%, & minor yel. dol.								
	28.66 - 28.72 irregular in shape,								

LF C-125C

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-2

SHEET NUMBER 3 SECTION FROM 36.28 TO 53.55 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
	32.83 - 36.28 occ. py/ma XX up to 15 mm, irr.									
	distribution < 1% total core.									
	SAMPLES: 31.30 - 32.00	4096	0.70	ND	.024		<.01	<.01		
	36.18 - 36.58	4097	0.40	ND	.018		<.01	.01		
36.28 - 36.58	Quartzite & milky white quartz., latter part of lens?									
	gtzite, bluish gy, up to 15% ma & py, tr. cp. & tr sphal.									
36.58 - 39.82	Pelite, lt & m.gy, banded, rythmic in places,									
	blocky & fractured: 37.52 - 38.50 45° AC. (Fault?)									
	min: trace py/ma.									
	pelite grading into									
39.82 - 53.29	Pelite, lt & m.gy, banded, speckled, with minor foliation									
	& some bed. contortion, tr. py & ma. throughout.									
	blocky & fractured: 47.04 - 47.74 70° AC.									
	gtz vein & lenses: 48.61 - 48.77 tr py contact, veined									
	with dol. & ankerite.									
	gtzite ↔ aren. pelite: 50.49 - 51.47 with tr. py, <2%									
	SAMPLES: 44.60 - 45.20	4098	0.60	ND	ND		<.01	.01		
	48.52 - 48.87	4099	0.35	ND	ND		<.01	<.01		
	50.49 - 51.47	4100	0.98	ND	ND		<.01	.01		
53.29 - 53.49	Quartz vein, milky white, tr. ank & dol., dry.									
53.49 - 53.55	Quartzite arg ↔ aren. pelite, ltgy, tr. py.									

LF C-129c

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-2

SHEET NUMBER 2 SECTION FROM 30.48 TO 36.28 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
	healed breccia, pred. qtz minor dol.								
	30-40% vein py.								
	mineralization: general tr.								
	27.13 - 27.63 up to 5% py/ma.								
	28.60 - 28.90 up to 10% py/ma								
	SAMPLES: 27.13 - 27.63	4092	0.50	ND	ND		<.01	.01	
	28.60 - 28.90	4093	0.30	ND	.012		<.01	<.01	
	30.00 - 30.48 v.f. diss. py up to 5%								
	& trace v.f. sphal.(?)								
30.48 - 30.78	Gouge zone, prim. graph. pelite, tr. py								
	SAMPLE: 30.13 - 30.78	4094	0.65	ND	.024		<.01	.01	
30.78 - 30.85	Quartzite, gny. blue, sl. foliated, with up to 10% py								
	SAMPLE: 30.78 - 31.35	4095	0.57	ND	.012		<.01	<.01	
30.85 - 36.28	Pelite, lt & m.gy, banded., laminaca - thin beds <10mm, rythmic								
	in places, occ. thin beds up to 10cm of v.qtz rich pelite								
	banding 20° AC. fractures, 20-30 AC, ox. in places								
	blocky: 32.28 - 32.38								
	qtz vein: 32.00 - 32.10, milky wh., contact 75° AC, tr. py &								
	ma. along contact								
	min: 31.27 - 32.28 py/ma & tr. sphal.(?) concentrated								
	// bedding, up to 1mm grns. 5-10%								

LF C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-2

SHEET NUMBER 4 SECTION FROM 53.55 TO 66.21 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
53.55 - 53.88	Quartz, milky wh, porous, tr. ank & dol, barren.									
53.88 - 54.22	Pelite, m.gy, massive beddedd.									
54.22 - 55.79	Quartz, milky wh, porous, tr. ank & dol. with occ. small									
	incl. of badly contort. pelite, tr. py.									
	SAMPLE: 54.24 - 54.44	4101	0.20	ND	.078		<.01	<.01		
55.79 - 56.34	Pelite, m gy, badly contorted, with small, < 5mm, qtz veinlets									
	in places, several 5 mm bands of py/mo.									
	SAMPLE: 55.69 - 56.29	4102	0.60	ND	.006		<.01	.01		
56.34 - 57.31	Pelite, m.gy, massive, mildly foliated in places, tr qtz veinlets									
	in places.									
57.31 - 57.71	Quartz vein, white, part vein occupies half core, ∥ axis									
	in contact with pelite.									
57.71 - 61.67	Pelite, lt-m gy, speckled, occ. thin qtz veinlet, bedding 30° AC									
	59.76 - 59.96, diss. py up to 5% & large number of qtz veinlets									
61.67 - 64.00	Pelite, lt-m.gy, highly contorted, speckled in places.									
64.00 - 65.63	a.a. with large number of qtz veinlets, < 2cm, ∥ AC, 70° AC,									
	& 30° AC, tr. py. min. associated with veins. 64.4-64.6 Blocky									
65.63 - 66.21	Gouge(?) healed, brecciated frags. of pelite in qtz vein									
	matrix, graph in places, at contact with brec. fragments up									
	to 5mm thick py, tr. sphal. core badly broken.									
	SAMPLE: 65.68 - 66.28	4103	0.60	.014	.018		.02	<.01		

LF C-1280

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-2

SHEET NUMBER 5 SECTION FROM 66.21 TO 82.45 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
66.21 - 66.86	Pelite, aren., lt gy. sl. calc, v. blocky.									
66.86 - 67.21	Quartz vein, milky white, with fragm. of pelite, tr. ank. & dol. & tr. grn floorite?									
67.21 - 68.58	Pelite, lt & m.gy, laminated - v.f. bedding, in places contorted. v. graph., occ. tr. py.									
68.58 - 68.68	Quartz vein, milky white, barren									
68.68 - 69.82	Pelite, lt & m.gy, lam. → thinly bedded, numerous q+z veinlets (< 15 mm), toward bottom v. graph. blocky, slickensided 30° AC									
69.82 - 70.50	Quartz vein, badly broken, milky wh, upper 28 cm v. graph, tr. py tr. stibnite (?)									
	SAMPLE: 69.40 - 70.10	4104	0.70	ND	.012		<.01	<.01		
70.50 - 72.16	Pelite, lt-m gy, speckled, contorted, occ. small py									
	SAMPLE: 71.63 - 72.13	4105	0.50	ND	ND		<.01	<.01		
72.16 - 72.43	Quartz vein, milky whit, tr dol & ank, with angular fragm. of pelite, occ. tr. py at contact with pelite fragm.									
	SAMPLE: 72.13 - 72.63	4106	0.50	ND	ND		<.01	<.01		
72.43 - 82.45	Pelite aren., pred. lt. gy, contorted bedding, fract. in places, 25° AC, grading into more arg. pelite, m.gy, at 74.19. which becomes more speckled. with increase in depth. At. about 79.06 grading into more aren. pelite with contorted bedding pred. lt. gy.									

LF C-1256

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-2

SHEET NUMBER 6 SECTION FROM 82.45 TO 88.09 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent		
				Au	Ag	Cu	Pb	Zn
	blocky: 76.68 - 77.07 & 78.32 - 78.72; occ. thin qtz							
	veinlets & qtz veins, milky white, porous in places.							
	qtz veins: 78.96 - 79.06 w/ tr. dol & sid.							
	82.35 - 82.45 contact 65°ac w/ ≈ 10% py.							
	from 81.15 - 82.30 numerous qtz veinlets							
	min.: trace up to 81.15.							
	81.15 - 82.30 up to 10% py/mo. with XX up to 10 mm							
	82.30 - 82.35 up to 30% py/mo.							
	SAMPLES: 72.63 - 73.13	4107	0.50	ND	.006		<.01	<.01
	78.95 - 79.10	4108	0.15	ND	ND		<.01	.01
	81.20 - 81.80	4109	0.60	ND	ND		<.01	<.01
	81.80 - 82.30	4110	0.50	ND	.006		.01	<.01
	82.30 - 82.65	4111	0.35	ND	ND		.01	<.01
82.45 - 88.09	Pelite, lt gy - m.gy. massive to thinly bedded. with							
	some bed contortion & in places speckled. interbedded							
	with aren. pelite, lt gy. mineralization most prominent							
	in more aren. sections.							
	85.27 - 85.60 up to 5% py diss. XX.							
	87.05 - 88.09 up to 10% py diss. XX < 2 mm							
	SAMPLES: 85.34 - 85.84	4112	0.50	ND	.012		<.01	.02
	85.84 - 86.34	4113	0.50	ND	ND		<.01	<.01

LF C-129C

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-2

SHEET NUMBER 7 SECTION FROM 88.09 TO 92.96 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
	86.89 - 87.39	4114	0.50	ND	.012		<.01	<.01		
	87.39 - 87.89	4115	0.50	ND	.006		.05	<.01		
88.09 - 89.49	Pelite, aren ↔ arg. Quartzite, lt gy, which with depth changes to v.f.gr. lt gy. quartzite. from 88.09 - 88.69 core shows large number of qtz. veinlets ≈ 8% of total core veinlets X crossing, ⊥ & at various angles to core. up to 3% py. from 88.69 - 89.49 v.f.gr. quartzite. with up to 5% py. v.f.gr. qtz becomes more argill. toward bottom & grades into:									
	SAMPLES: 87.89 - 88.39	4116	0.50	.003	.036		<.01	<.01		
	88.39 - 88.89	4117	0.50	.003	.012		.04	<.01		
	88.89 - 89.49	4118	0.50	ND	.024		<.01	<.01		
89.49 - 89.92	Pelite, lt gy, thinly bedded, grading into									
89.92 - 90.58	Pelite, aren ↔ arg. qtzite., lt gy. with up to 10% py.									
	SAMPLE: 89.92 - 90.57	4119	0.65	ND	.042		<.01	.01		
90.58 - 91.14	Quartz vein, up to 15 mm, ⊥ to core & in contact with aren. pelite. at contact min. 1% gal, 1% sphal. & ≈ 10% py.									
	SAMPLE: 90.65 - 91.14	4120	0.49	.010	1.63		1.05	.04		
91.14 - 92.96	Pelite, sil-aren, lt-m.gy. in places thinly bedded (20° AC) & speckled, graph. in places, becoming more sil. & aren. with									

LF C-125C

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-2

SHEET NUMBER 8 SECTION FROM 92.96 TO 106.68 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
	depth., tr. py/mo.								
92.96 - 94.00	a.a. with up to 8% py, dess. small xx.								
	SAMPLE: 92.96 - 93.46	4121	0.50	.001	1.29		<.01	<.01	
94.00 - 95.71	Pelite, lt-m gy, speckled, massive, with scattered small <0.5mm py/mo xx.								
95.71 - 98.04	Pelite, aren, lt gy, occ. banding, 20° AC, up to 96.39 with ± 3-5% py/mo. grading into thinly banded. lt gy & m.gy speckled pelite with occ. thin, <5mm, qtz veinlet, some foliation & bed contortion.								
	SAMPLE: 95.71 - 96.21	4122	0.50	ND	.036		<.01	<.01	
98.04 - 98.14	Quartz vein, grayish, with several 1mm beds of sulphides, pred. arsenopy & stibnite(?) contact 45° AC.								
98.14 - 101.52	Pelite, m.gy, lam. v.graph. section badly broken, & blocky. from 100.78 - 101.23 no core recovery, very soft drilling.								
	SAMPLE: 99.56 - 99.76	4123	0.20	ND	.06		.2	.02	
101.52 - 106.68	Pelite, lt & m.gy, lam. - thinly bedded, sil. in places, sl. contorted in places, banding 20° AC, occ. thin quartz vein <10 mm)								
	SAMPLE: 106.18 - 106.68	4124	0.50	.005	.084		<.01	<.01	

LF C-129c

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-3

SHEET NUMBER 1 SECTION FROM 0 TO 20.42 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
0 - 3.05	Casing.									
3.05 - 5.39	Quartzite, v.f.gr., gy & brn, mox & ox, banded. (60° AC.) within brown banding elongated limonite specks < 1 mm.									
5.39 - 5.49	Quartz vein, milky white to yellow. (w/ limonite)									
5.49 - 10.93	Quartzite v.f.gr. argil. in places, ox. in places, blocky & badly fract. from 6.71 - 7.17. tr. py xx in mox. part.									
	SAMPLE: 6.71 - 7.21	4031	0.50	ND	ND		<.01	.01		
10.93 - 13.00	Quartzite, arg. or. sil. pelite, m.gy, speckled, tr. py xx. grading into.									
13.00 - 15.45	Quartzite, v.f.gr. arg. ox, argil. content increased significantly with depth, v. calc from 14.53. quartzite grading into									
	SAMPLE: 13.83 - 14.33	4032	0.50	ND	ND		<.01	.01		
15.45 - 17.57	Pelite, aren. & graph, m-dk gy, v. calc., appears badly sheared. from 15.85., v. blocky, badly ox. cons. limonite., occ thin qtz stringer.									
	SAMPLES: 15.85 - 16.33	4033	0.48	ND	ND		<.01	.06		
	16.62 - 17.37	4034	0.75	ND	ND		<.01	.05		
17.57 - 20.42	Pelite, m.gy, massive bedded, non-calc, with ox. specks. grading into m.gy. pelite, speckled, massive bedded, minor foliation tr. py/mo xx, at 20.42. more sil. From 19.05 - 20.31 graph sheared & broken & ox.									
	SAMPLE: 19.50 - 20.00	4035	0.50	ND	ND		<.01	.02		

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-3

SHEET NUMBER 2 | SECTION FROM 20.42 TO 40.23 | STARTED _____

LATITUDE _____ | DATUM _____ | COMPLETED _____

DEPARTURE _____ | BEARING _____ | ULTIMATE DEPTH _____

ELEVATION _____ | DIP _____ | PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
20.42 - 26.60	Quartzite, v.f.gr. argil. to sil. pelite, ox., blocky & sheared.								
	in several places, fract. 30°-60° AC., thin bands < 2 mm, of								
	limonite throughout. at 25.20 essentially unox., m.gy								
	arg. qtzite tr. py/ma dessiminated., occ. thin veinlets								
	of dol. (< 2mm) with minor py								
	SAMPLES: 22.55 - 23.05	4036	0.50	ND	ND		< .01	.02	
	25.50 - 26.00	4037	0.50	ND	ND		.03	.02	
26.60 - 39.20	Pelite, banded, lt-m.gy, speckled.								
	28.34 - 28.54 aren. pelite, lt gy								
	29.37 - 29.71 v. graph. pelite.								
	29.57 - 30.52 blocky & fractured, fract. 40° AC. fract. faces ox.								
	32.72 - 33.80 " " " " 35-40 AC. " " "								
	35.06 - 35.09 qtz. veins with tr. dol.								
	36.69 - 36.99 blocky & fractured, fract. 40° AC. fract. faces ox.								
	37.43 - 37.49 qtz. vein with tr. dol & tr. py.								
	From 31.59 - 39.15 qtz. pelite, lt gy, banded < 2cm, 75° AC.								
	throughout section tr. py/ma, in places ox.								
	SAMPLES: 28.04 - 28.54	4038	0.50	ND	ND		< .01	< .01	
	33.64 - 34.14	4039	0.50	ND	ND		< .01	.01	
	37.36 - 37.86	4040	0.50	ND	ND		< .01	< .01	
39.20 - 40.23	Quartzite v.f.gr., lt gy, well strd, massive bedded, ±l. calc.								

LF C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-3

SHEET NUMBER 3 | SECTION FROM 40.23 TO 49.61 | STARTED _____

LATITUDE _____ | DATUM _____ | COMPLETED _____

DEPARTURE _____ | BEARING _____ | ULTIMATE DEPTH _____

ELEVATION _____ | DIP _____ | PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
	SAMPLE: 39.23 - 39.73	4041	0.50	ND	ND		<.01	.02	
40.23 - 40.47	Quartzite, lt & m.gy, banded, argil. & calc.								
40.47 - 43.74	Quartzite, banded, lt gy & yellow.brn, mox & ox, calc, ox. bands more calc, blocky throughout, fract. 35° AC.								
	42.46 - 43.18 badly sheared with ox. clay gouge								
	SAMPLES: 40.47 - 40.97	4042	0.50	ND	ND		<.01	.01	
	41.76 - 42.26	4043	0.50	ND	ND		<.01	.02	
	42.26 - 43.28	4044	1.02	ND	.024		.01	.02	
	43.28 - 43.78	4045	0.50	ND	.018		.01	.01	
43.74 - 44.80	Quartzite, lt gy, argil., banded., contorted. from 44.23-44.29 qtz vein with rim of dol & tr.py, grading into								
44.80 - 46.33	Pelite, m.gy, badly contorted, occ. ox.fract. 40° AC. with ox. py/ma XX. grading into								
	SAMPLE: 43.78 - 44.28	4046	0.50	ND	.036		<.01	<.01	
46.33 - 46.96	Pelite, lt gy, speckled, which grades into								
	SAMPLE 46.33 - 46.83	4047	0.50	ND	.024		<.01	<.01	
46.96 - 49.61	Quartzite, argil., lt gy. graphitic in places.								
	48.61 - 49.08 v.graph, slickensided. py/ma up to 3% in places. XX < 5mm.								
	SAMPLES: 48.63 - 49.08	4048	0.45	ND	.016		<.01	<.01	
	49.08 - 49.61	4049	0.53	ND	.018		.01	.01	

LF C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-3

SHEET NUMBER 4 SECTION FROM 49.61 TO 59.17 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
49.61 - 50.35	Dol. aren. lt. blwish gy, vuggy in places, v.foy, 5-10% py.									
	SAMPLE: 49.61 - 50.35	4050	0.74	ND	.078		.06	.03		
50.35 - 55.37	Quartzite, arg. to aren. pelite, graph. banded, contorted, foliated, interbedd. with lt-m.gy speckled pelite. in places small sections, < 5cm, with up to 10% py/mn XX.									
	54.87 - 55.22 several small veinlets with a core of qtz & rim of yell. dol. within this section from 55.02 - 55.17 a few galena XX (<1%), considerable py up to 5% associated with veins.									
	SAMPLES: 50.35 - 50.95	4051	0.60	ND	.015		.01	.01		
	50.95 - 51.45	4052	0.50	ND	.036		.01	.01		
	54.32 - 55.02	4053	0.50	ND	.024		<.01	<.01		
	55.02 - 55.22	4054	0.20	ND	.066		.1	.16		
55.37 - 59.17	Pelite, banded, 11→70°AC, contorted, lt gy - m.gy, graph. in places, sl. aren. in places, whole section badly broken brecciated (healed with qtz), qtz veins & lenses. qtz veins: 55.72 - 55.92 & 58.32 - 58.52 with occ. galena XX (<1%), py at contact,									
	SAMPLES: 55.22 - 55.72	4055	0.50	ND	.012		.01	.03		
	55.72 - 56.02	4056	0.30	ND	.66		.69	1.05		
	56.02 - 56.52	4057	0.50	ND	.024		.02	.06		

LF C-125C

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-3

SHEET NUMBER 5 | SECTION FROM 59.17 TO 68.33 | STARTED _____

LATITUDE _____ | DATUM _____ | COMPLETED _____

DEPARTURE _____ | BEARING _____ | ULTIMATE DEPTH _____

ELEVATION _____ | DIP _____ | PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
	56.52 - 57.00	4058	0.48	ND	.072		.1	.32		
	57.00 - 57.50	4059	0.50	ND	.015		.02	.01		
	57.50 - 58.00	4060	0.50	ND	.126		.22	.54		
	58.27 - 59.17	4061	0.90	ND	.012		.01	.03		
59.17 - 60.05	Pelite, banded, lt gy, foliated, py XX conc. along bnds (30° AC) sl. graph.									
60.05 - 61.07	Pelite, m.gy. interbedded with lt.gy. aren. pel. or arg. v.f.gr. gtzite ≈ 20% of section., aren. bands up to 5cm wide. 10-30% py, v.f. diss., section sl. calc., tr. sphal.?									
	SAMPLES 60.05 - 60.55	4062	0.50	ND	.276		.11	.2		
	60.55 - 61.05	4063	0.50	ND	.189		.08	.12		
61.07 - 62.69	a.a. but banding less pronounced., small sections, < 5cm, with up to 10% v.f. diss. py & tr. arsenopy, & tr. sphal.!?! occ. shear. 60° AC., graph. in places, sl. calc. in places.									
	SAMPLES: 61.05 - 61.57	4064	0.52	ND	.69		.1	3.3		
	61.57 - 62.07	4065	0.50	ND	.69		.56	9.65		
	62.07 - 62.69	4066	0.62	.003	4.5		3.8	7.7		
62.69 - 65.02	Pelite, m.gy, banded, becomes more sil. toward bottom, several thin, < 15 mm, gtz veins from 64.16 - 65.05., 11 to 80° AC. tr. dol & ank., no min.									
65.02 - 68.33	Interbedded series of aren. pelite & arg. gtzite, lam. - v. thinly bedded, from 66.92 - 68.17, fractured, 30-60° AC.									

LF C-125C

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-3

SHEET NUMBER 6 SECTION FROM 68.33 TO 84.61 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
	in places up to 5% py XX, < 3mm, sl. calc.								
	from 68.55 - 68.85 py up to 10%								
	SAMPLES: 65.64 - 66.14	4067	0.50	ND	.006		.01	.02	
	68.03 - 68.33	4068	0.30	ND	.009		<.01	.01	
68.33 - 68.85	CORE: half qtz, milky wh, vuggy, sl. ox in places, with py & tr. arsenopy, in contact with aren. pelite, m.gy with up to 5% py XX, < 3mm,								
	SAMPLE: 68.33 - 68.85	4069	0.52	.002	.003		.01	<.01	
68.85 - 71.90	Pelite, aren to arg. qtzite, banded, foliated, etc.								
	69.14 - 69.59 v. blocky, ox								
	70.47 - 70.71 fractured, 11 to 60° AC. fract. faces ox.								
	70.71 - 70.95 qtz veins, < 10mm, & small lenses, contorted, no min								
	SAMPLE: 68.85 - 69.43	4070	0.58	.002	ND		.01	.01	
71.90 - 84.61	Pelite, v.lt gy - m.gy, banded, 45-50° AC, occ. thin < 10mm								
	qtz & dol. stringers								
	77.93 - 78.63 v. blocky & broken								
	78.90 - 79.20 " "								
	80.38 - 80.78 " " & graph.								
	occ. py XX throughout section.								
	SAMPLES: 75.28 - 75.78	4071	0.50	ND	.039		<.01	.01	

LF C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-3

SHEET NUMBER 7 | SECTION FROM 84.61 TO 94.97 | STARTED _____

LATITUDE _____ | DATUM _____ | COMPLETED _____

DEPARTURE _____ | BEARING _____ | ULTIMATE DEPTH _____

ELEVATION _____ | DIP _____ | PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
	78.08 - 78.38	4072	0.30	ND	ND		<.01	<.01		
	84.12 - 84.61	4073	0.49	ND	ND		.06	<.01		
84.61 - 85.19	Gouge, m.gy, v.graph, badly broken fragment of banded									
	pelite SAMPLE: 84.61 - 85.19	4074	0.58	ND	.012		<.01	<.01		
85.19 - 85.50	Gouge ⇔ breccia, granulated fragments, healed with sil.									
	py content increasing with depth. to 15-20%									
	SAMPLE: 85.19 - 85.50	4075	0.31	.001	.012		<.01	<.01		
85.50 - 85.83	Sulphide, pred. py, tr. sphal(?), brec. fragm. sil. pel. in basal									
	part., 50% py. SAMPLE: 85.50 - 85.83	4076	0.33	ND	.114		.06	<.01		
85.83 - 92.05	Pelite; banded, lt-m.gy, with occ. thin, <10 mm, zones									
	with crenulated veinlets of pred. qtz. ± tr. dol. up to									
	50% py xx in these veinlets, in places graphitic, also									
	several thin bands <15 cm of strongly foliated. pelite									
	SAMPLES: 85.83 - 86.37	4077	0.50	ND	ND		<.01	<.01		
	87.88 - 88.33 (6 qtz veinlets)	4078	0.45	ND	ND		<.01	<.01		
	89.00 - 89.50 (5 qtz. veinlets)	4079	0.50	ND	ND		<.01	<.01		
92.05 - 94.97	Pelite, lt-m gy, speckled interbedded with lt ± m.gy banded									
	pelite. at 92.05 1cm thin qtz. vein., occ. graph. in									
	places. small gouge from 93.37 - 93.57, cons. py, up to 5%,									
	badly broken from 93.37 - 94.07.									
	SAMPLES: 93.37 - 93.77	4080	0.40	ND	.018		<.01	<.01		

LF C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-3

SHEET NUMBER 8 SECTION FROM 94.97 TO 114.90 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
	94.55 - 95.05	4081	0.50	ND	.006		<.01	<.01		
94.97 - 98.57	Pelite, lt & m.gy, banded. 25-40° AC., in places contorted bedding. tr. py XX.									
98.57 - 102.34	Pelite, speckled & banded, lt & m.gy, banding < 10mm, thin qtz veins with rim of yel. dol. & tr. py at 99.62 - 99.63 & 99.79 - 99.87. speckled pelite grading into.									
	SAMPLE: 99.52 - 100.00	4082	0.48	ND	.018		<.01	.01		
102.34 - 107.12	Pelite, lt & m.gy, banded, occ. thin beds of aren. pelite which increase with depth., occ. fract. 60° AC. qtz vein 3cm wide, barren at 103.31, core badly broken at 103.40 - 103.54. in places thin, <5mm, contorted qtz. rich beds.									
	SAMPLE: 103.20 - 103.56	4086	0.36	ND	ND		<.01	<.01		
107.12 - 107.46	Quartzite, v.f.gr, lt gy, with ± 3% py									
	SAMPLE: 107.12 - 107.46	4083	0.34	ND	ND		<.01	<.01		
107.46 - 107.87	Pelite, m.gy, massive bedded. with 2 qtz veins. 1. 3cm wide at 60 AC & 5% py. 2. 1.5cm wide at 65 AC & 3% py									
	SAMPLE: 107.46 - 107.87	4084	0.41	.001	ND		<.01	<.01		
107.87 - 114.90	Pelite, a.a. without qtz veins., bedded in places, contorted in places, occ. py/mg XX.									

LF C-1256

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ **HOLE NO.** 81-3

SHEET NUMBER 9 SECTION FROM _____ TO 114.90 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
	at 107.46 small fault 50° AC. gouge 1 cm wide.									
	no apparent min.									
	SAMPLES: 108.31 - 108.81	4085	0.50	ND	ND		<.01	<.01		
	112.38 - 112.88	4087	0.50	ND	ND		<.01	<.01		
	114.40 - 114.90	4088	0.50	ND	ND		<.01	<.01		

LF C-1296

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-4

SHEET NUMBER 1 SECTION FROM 0 TO 36.34 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent				
				Au	Ag	Cu	Pb	Zn		
0 - 15.5	Pelite, aren. & traces of Pelite, speckled, lam. & contorted.									
	v. poor core recovery, over entire section 36%. sed.									
	are ox, fractured & fragmented. original sulphide min. ox.									
	& replaced by limonite. SAMPLE: 9.45 - 10.05	4001	0.60	N D	N D		<.01	.04		
15.5 - 24.40	Pelite, lt & m.gy, banded, contorted bedding, ox. in places,									
	becomes speckled towards bottom of section. fractures									
	mnox & ox 20-65° AC; occ py XX. & blebs of py/mn.									
	from 15.5 - 17.10 up to 3% py XX up to 10 mm.									
	most XX have rim of qtz.									
	SAMPLE: 19.62 - 20.12	4002	0.50	N D	N D		<.01	.01		
24.40 - 24.50	Breccia, pelite fragments in qtz matrix, tr. lim.									
	qtz milky white.									
	SAMPLE: 24.19 - 24.69	4003	0.50	ND	ND		<.01	.03		
24.50 - 31.00	Pelite, m.gy, massive. occ. thin up to 10 mm lt gy									
	pelitic band. bedding 30° AC., fract. 30° AC. fracture									
	faces ox; 29.33 - 30.65 deeply ox, blocky both fractures									
	& matrix ox.									
31.00 - 36.34	Pelite, lt gy & m.gy. banded. (laminated - thinly bedded)									
	bedding in places contorted. interbedded with arg.									
	quartzite. & aren. pelite.									
	arg. quartzite: 34.24 - 34.30. tan - lt brn ox									

LF C-1296

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-4

SHEET NUMBER 2 SECTION FROM 36.34 TO 39.06 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
	aren. pelite: 34.30 - 34.64 banded, lt gy.								
	aren. pelite: 35.12 - 35.81 banded, sl. coarser grn bands ox., tr. py.								
	Quartzite: 35.86 - 36.34. ox & mox. lt gy bands.								
	Quartz vein: 34.64 - 34.71, wh - lt brn, vuggy.								
	Blocky & fragmented: 33.20 - 33.88 fract. 25° - 11 AC.								
	visible py/mo only in mox sections: ie pred. pelite.								
	SAMPLES: 31.71 - 32.21	4004	0.50	ND	ND		<.01	.01	
	35.81 - 36.31	4005	0.50	ND	ND		.01	.01	
36.34 - 36.53	Quartz vein, milky white, tr. dol(yel), dol in thin microxx line veinlets <1 mm, inclusions of angular fragments of pelite, lower contact irregular., upper contact 20° AC								
	SAMPLE: 36.31 - 36.81	4006	0.50	ND	ND		<.01	<.01	
36.53 - 37.14	Pelite, m.gy, graph. w/ occ. thin <4mm quartz veinlets.								
37.14 - 37.25	Pelite aren ↔ arg. quartzite, brn, ox, spotty & massive ox in places. blocky & fractured. 20° AC.								
	SAMPLE: 36.81 - 37.34	4007	0.53	ND	ND		<.01	.02	
37.25 - 37.70	Pelite, m.gy. graph., massive bedded, speckled in places, tr. py/mo.								
	SAMPLE: 37.34 - 37.84	4008	0.50	ND	ND		<.01	.02	
37.70 - 39.06	Pelite, dk gy - blk, appears brecciated, v. graph.								

LF C-1295

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-4

SHEET NUMBER 3 SECTION FROM 39.06 TO 55.87 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
	numerous thin irregular qtz veinlets, <3mm, occasion.								
	inally tr. dol & tr py in veinlets								
	SAMPLES: 37.84 - 38.20	4009		ND	ND		<.01	.01	
	38.20 - 38.70	4010		ND	ND		<.01	<.01	
	38.70 - 39.20	4011		ND	ND		<.01	<.01	
39.06 - 43.08	Pelite, lt-m gy, speckled, massive bedded, occ. tr. py								
	blocky: 41.76 - 41.96; ox. along fractures: 40.23 - 40.40								
	fract. at 20-25° AC.; occ. thin, <5mm, quartz vein.								
	SAMPLE: 41.26 - 41.76	4012		ND	ND		<.01	.01	
43.08 - 44.70	Pelite, lt & m gy, 1 amin - thinly bedded, fractured, 25° AC.,								
	and blocky: 43.62 - 44.15., fract. section deeply ox.								
44.70 - 44.84	Quartzite, v.f-f.grn, gy - lt brn., mox - ox, tr. diss. py.								
44.84 - 55.87	Pelite, 1 amin - thinly bedded, badly fract., 15-25° AC., and								
	broken., deeply ox., lt yd. brn - reddish brn, in places								
	complete disintegration of rock.: 49.38-49.49; 53.34-53.50;								
	55.17-55.47. from 54.97 - 55.47 some indication								
	of fractures ll to A.C From 55.47 - 55.87 mixture								
	of fragments of qtz stringers, pelite & clayey gouge.								
	(fault zone?) no apparent min.								
	SAMPLES: 49.15 - 49.65	4013		ND	.93		<.01	<.01	
	49.65 - 50.15	4014		ND	ND		<.01	.01	

LF C-1256

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-4

SHEET NUMBER 4 SECTION FROM 55.87 TO 67.67 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
55.87 - 67.67	Pelite, banded, lt & mgy, strongly foliated, badly contorted, interbedded with lenses & beds of quartz, brecciated in places, quartz as such barren, minor yel. dol & ank. as blotches & veinlet fillings. Mineralization varies from tr. dem. in foliated pelite to irregular blebs along contact quartz & pelite fragments. In places graph. From 66.02 - 66.47 ≈ 5% py/ma. Milky quartz main constituent from: 58.64 - 59.19, 59.85 - 60.43, 61.45 - 62.27 & 65.00 - 65.90								
	SAMPLES: 57.52 - 58.02	4015	0.50	ND	ND		< .01	.01	
	58.02 - 58.52	4016	0.50	ND	ND		< .01	< .01	
	58.52 - 59.02	4017	0.50	ND	ND		< .01	< .01	
	59.02 - 59.52	4018	0.50	ND	.045		< .01	.01	
	59.52 - 60.02	4019	0.50	ND	.006		< .01	.01	
	60.02 - 60.55	4020	0.53	ND	ND		< .01	.01	
	61.52 - 62.02	4021	0.50	ND	ND		< .01	.01	
	62.02 - 62.57	4022	0.55	ND	ND		< .01	.01	
	64.62 - 65.12	4023	0.50	ND	ND		< .01	< .01	
	65.12 - 65.91	4024	0.79	ND	.012		< .01	< .01	
	66.44 - 66.94	4025	0.50	ND	.024		< .01	< .01	

LF C-125

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 81-4

SHEET NUMBER 5 SECTION FROM 67.67 TO 70.71 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH, metres	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	oz./ton		percent			
				Au	Ag	Cu	Pb	Zn	
67.67 - 68.05	Gouge, bodily ox. fragm. of pelite, ± clay tr. py								
	SAMPLE: 67.67 - 68.20	4026	0.53	ND	.009		<.01	.05	
68.05 - 68.12	Quartz vein, milky wh., porous, upper contact shows 1.5 cm with py ± tr. sphal.								
68.12 - 69.59	Pelite, aren., brecciated, lt gy becomes coarser with depth (qtzite.), foliated., py dess. up to 5% in places., a few thin, <4mm, milky white, barren qtz veinlets.								
	SAMPLES: 68.20 - 68.70	4027	0.50	ND	.018		<.01	<.01	
	68.70 - 69.20	4028	0.50	ND	.006		<.01	<.01	
	69.20 - 69.70	4029	0.50	ND	.009		<.01	.01	
69.59 - 70.71	Pelite ↔ aren. pelite, lt gy - m.gy, sl. foliated., upper contact 35° AC., occasional ox. frac. 15° AC., remnant bedding 30° AC. tr. py/mo. min.								
	SAMPLE: 69.70 - 70.20	4030	0.20	ND	ND		<.01	.01	

LF C-1296

DRILLED BY _____ SIGNED _____

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE: DRILL CORE	ASSAY	ASSAY	ASSAY	ASSAY
SAMPLE #	AG OZ/TON	AU OZ/TON	PB %	ZN %
4031	N D	N D	<.01	.01
4032	N D	N D	<.01	.01
4033	N D	N D	<.01	.06
4034	N D	N D	<.01	.05
4035	N D	N D	<.01	.02
4036	N D	N D	<.01	.02
4037	N D	N D	.03	.02
4038	N D	N D	<.01	<.01
4039	N D	N D	<.01	.01
4040	N D	N D	<.01	<.01
4041	N D	N D	<.01	.02
4042	N D	N D	<.01	.01
4043	N D	N D	<.01	.02
4044	.024	N D	.01	.02
4045	.018	N D	.01	.01
4046	.036	N D	<.01	<.01
4047	.024	N D	<.01	<.01
4048	.016	N D	<.01	<.01
4049	.018	N D	.01	.01
4050	.078	N D	.06	.03
4051	.015	N D	.01	.01
4052	.036	N D	.01	.01
4053	.024	N D	<.01	<.01
4054	.066	N D	.1	.16
4055	.012	N D	.01	.03
4056	.66	N D	.69	1.05
4057	.024	N D	.02	.06
4058	.072	N D	.1	.32
4059	.015	N D	.02	.01
4060	.126	N D	.22	.54

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

09/OCT/81
PAGE 1 OF 6
WORK ORDER # 303C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE: DRILL CORE

SAMPLE #	ASSAY AG OZ/TON	ASSAY AU OZ/TON	ASSAY PB %	ASSAY ZN %
4001	N D	N D	<.01	.04
4002	N D	N D	<.01	.01
4003	N D	N D	<.01	.03
4004	N D	N D	<.01	.01
4005	N D	N D	.01	.01
4006	N D	N D	<.01	<.01
4007	N D	N D	<.01	.02
4008	N D	N D	<.01	.02
4009	N D	N D	<.01	.01
4010	N D	N D	<.01	<.01
4011	N D	N D	<.01	<.01
4012	N D	N D	<.01	.01
4013	.93	N D	<.01	<.01
4014	N D	N D	<.01	.01
4015	N D	N D	<.01	.01
4016	N D	N D	<.01	<.01
4017	N D	N D	<.01	<.01
4018	.045	N D	<.01	.01
4019	.006	N D	<.01	.01
4020	N D	N D	<.01	.01
4021	N D	N D	<.01	.01
4022	N D	N D	<.01	.01
4023	N D	N D	<.01	<.01
4024	.012	N D	<.01	<.01
4025	.024	N D	<.01	<.01
4026	.009	N D	<.01	.05
4027	.018	N D	<.01	<.01
4028	.006	N D	<.01	<.01
4029	.009	N D	<.01	.01
4030	N D	N D	<.01	.01

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE: DRILL CORE SAMPLE #	ASSAY AG OZ/TON	ASSAY AU OZ/TON	ASSAY PB %	ASSAY ZN %
4061	.012	N D	.01	.03
4062	.276	N D	.11	.2
4063	.189	N D	.08	.12
4064	.69	N D	.1	3.3
4065	.69	N D	.56	9.65
4066	4.5	.003	3.8	7.7
4067	.006	N D	.01	.02
4068	.009	N D	<.01	.01
4069	.003	.002	.01	<.01
4070	N D	.002	.01	.01
4071	.039	N D	<.01	.01
4072	N D	N D	<.01	<.01
4073	N D	N D	.06	<.01
4074	.012	N D	<.01	<.01
4075	.012	.001	<.01	<.01
4076	.114	N D	.06	<.01
4077	N D	N D	<.01	<.01
4078	N D	N D	<.01	<.01
4079	N D	N D	<.01	<.01
4080	.018	N D	<.01	<.01
4081	.006	N D	<.01	<.01
4082	.018	N D	<.01	.01
4083	N D	N D	<.01	<.01
4084	N D	.001	<.01	<.01
4085	N D	N D	<.01	<.01
4086	N D	N D	<.01	<.01
4087	N D	N D	<.01	<.01
4088	N D	N D	<.01	<.01
4089	N D	N D	<.01	.01
4090	N D	N D	<.01	.01

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

09/OCT/81
PAGE 4 OF 6
WORK ORDER # 303C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE: DRILL CORE	ASSAY	ASSAY	ASSAY	ASSAY
SAMPLE #	AG OZ/TON	AU OZ/TON	PB %	ZN %
4091	.006	N D	<.01	.01
4092	N D	N D	<.01	.01
4093	.012	N D	<.01	<.01
4094	.024	N D	<.01	.01
4095	.012	N D	<.01	<.01
4096	.024	N D	<.01	<.01
4097	.018	N D	<.01	.01
4098	N D	N D	<.01	.01
4099	N D	N D	<.01	<.01
4100	N D	N D	<.01	.01
4101	.078	N D	<.01	<.01
4102	.006	N D	<.01	.01
4103	.018	.014	.02	<.01
4104	.012	N D	<.01	<.01
4105	N D	N D	<.01	<.01
4106	N D	N D	<.01	<.01
4107	.006	N D	<.01	<.01
4108	N D	N D	<.01	.01
4109	N D	N D	<.01	<.01
4110	.006	N D	.01	<.01
4111	N D	N D	.01	<.01
4112	.012	N D	<.01	.02
4113	N D	N D	<.01	<.01
4114	.012	N D	<.01	<.01
4115	.006	N D	.05	<.01
4116	.036	.003	<.01	<.01
4117	.012	.003	.04	<.01
4118	.024	N D	<.01	<.01
4119	.042	N D	<.01	.01
4120	1.63	.010	1.05	.04

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *Z=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

09/OCT/81
PAGE 5 OF 6
WORK ORDER # 303C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE: DRILL CORE SAMPLE #	ASSAY AG OZ/TON	ASSAY AU OZ/TON	ASSAY PB %	ASSAY ZN %
4121	1.29	.001	<.01	<.01
4122	.036	N D	<.01	<.01
4123	.06	N D	.2	.02
4124	.084	.005	<.01	<.01
4125	.006	.007	.02	<.01
4126	N D	.001	1.41	.56
4127	.042	.002	<.01	<.01
4128	.228	N D	<.01	<.01
4129	.042	N D	<.01	<.01
4130	N D	N D	<.01	<.01
4131	N D	N D	<.01	<.01
4132	N D	.004	.02	<.01
4133	.018	N D	<.01	<.01
4134	N D	N D	<.01	.01
4135	.006	N D	<.01	.01
4136	N D	N D	<.01	.01
4137	N D	N D	<.01	.01
4138	N D	N D	<.01	<.01
4139	N D	N D	<.01	.01
4140	N D	N D	.39	<.01
4141	N D	N D	<.01	.01
4142	N D	N D	<.01	.01
4143	N D	N D	<.01	.01
4144	N D	N D	<.01	.01
4145	N D	N D	<.01	.01
4146	N D	N D	<.01	<.01
4147	N D	N D	<.01	.01
4148	.018	N D	<.01	<.01
4149	.012	N D	<.01	<.01
4150	N D	N D	<.01	<.01

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

09/OCT/81
PAGE 6 OF 6
WORK ORDER # 303C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE: DRILL CORE SAMPLE #	ASSAY AG OZ/TON	ASSAY AU OZ/TON	ASSAY PB %	ASSAY ZN %
390	N D	N D	<.01	.04
390 390+75	N D	N D	<.01	<.01
390+75 395	N D	N D	<.01	<.01
395+60 395+100	.63	.013	.42	2.65
395+100 400	.018	.007	.02	.03
400 400+75	N D	N D	<.01	<.01
400+75 405	.012	.002	.06	<.01
405 405+75	N D	N D	<.01	.01
405+75 410	N D	N D	<.01	<.01
410 410+75	N D	N D	<.01	<.01
410+75 415	N D	N D	<.01	<.01
415 415+70	N D	.003	<.01	<.01
420 420+80	N D	N D	<.01	<.01
420+80 425	N D	.006	<.01	<.01
425 425+65	N D	N D	<.01	<.01
425+65 425+130	.03	N D	<.01	<.01
455-50 455+15	.012	N D	<.01	<.01
455+45 455+100	.018	N D	<.01	<.01
455+100 460	N D	.003	<.01	<.01
460 460+60	N D	N D	<.01	<.01
470-110 470-45	N D	N D	<.01	<.01
395 395+60	N D	.008	<.01	<.01
415+70 420	N D	.004	<.01	<.01
475 475+70	.042	N D	<.01	<.01

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

CRYSTAL CREEK PROJECT

for

BLUESKY OIL & GAS LTD.

Calgary, Alberta

by

HARDSCRABBLE RESOURCES LTD.

Calgary, Alberta

AUGUST 1981

TABLE OF CONTENTS

		Page
1.	Abstract	1
2.	Property (Figure 1)	1
3.	Location and Access	1-2
4.	Physiography	2
5.	General Geology	2
6.	Detailed Geology	2
7.	Field Classification	3
8.	Pro 11 and 12 Claims (Figure 2)	3-4
9.	Detailed Geology WC Claims (Figure 3)	4-5
10.	Summary - Pro 7, 8, 11 and 12	5
11.	Summary - WC 2, 3 and 4	5-6
12.	Recommendations - WC Group	6

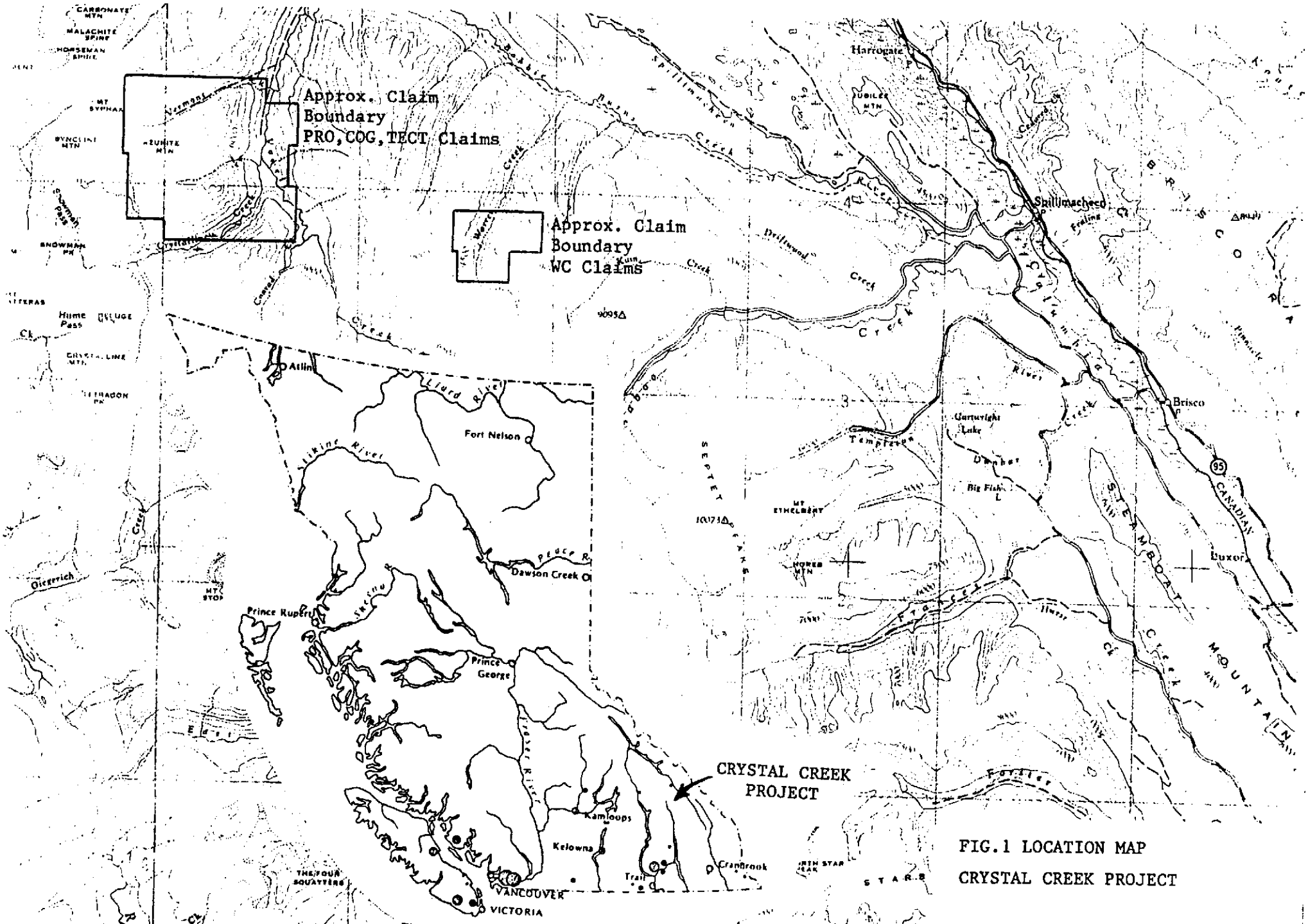


FIG.1 LOCATION MAP
CRYSTAL CREEK PROJECT

ABSTRACT

During the period August 3rd - August 12th, 1981, Hardscrabble Resources Ltd. was contracted to visit the Crystal Creek Project by Bluesky Oil & Gas. The purpose of the visit was to make a general property assessment and to appraise the excecution of an on going geochemical survey.

The writer spent most of the period on the Warren Creek portion of the project particularly in the area where previous work had been conducted on a known copper showing. One day was spent on the Pro 11 and Pro 12 claims where general prospecting was conducted. Four geochem sample lines were run contemporaneously on Pro 7 and 8. Another day was spent on the Tect claims marking drill hole locations.

The geochemical survey was found to be under excellent supervision by Dan Kenning of Taiga Consultants Ltd. and was being conducted in a conscientious and systematic manner by the field staff. The manner in which the survey was being run should target areas of potential if they exist.

PROPERTY (FIGURE 1)

The Crystal Creek project comprises two groups of claims which are under option to Bluesky Oil & Gas Ltd. from Cochrane Oil and Gas Ltd. both of Calgary, Alberta. The claims lie in the Golden Mining district of B.C.

The first group comprises three claims denoted as WC 2, WC 3 and WC 4 and are located in the vicinity of the head waters of Warren Creek.

The second group, which lies approximately 13km N.W. of the WC group, consists of the Pro 1 and Pro 6 to 12 claims, the Cog 1 to 8, Cog 10 and Cog 12 to 15 claims and the Tect 1 to 4 claims. These claims effectively surround the Ruth Vermont property which is currently being brought into production.

LOCATION & ACCESS

The WC group is accessible via paved highway from Golden to Parson, B.C.; from Parson to the confluence of Bobbie Burns and Warren Creeks

.... /2

by 30km of logging roads and a further 13km of 4 wheel drive road from the juncture up Warren Creek to the centre of the group.

The Pro, Cog and Tect claims may be reached by 90km of logging roads from Parson to the vicinity of Vowel, Vermont, Crystal and Crystalline Creeks.

PHYSIOGRAPHY

The project area lies within the Percell Mountain physiographic province. The area is typified by steep sided V-shaped valleys often rising to bare razor-backed ridges and peaks. The lower slopes are timbered and much of the upper reaches are draped in talus and boulders. Annual precipitation is on the order of 46cm with most of this accounted for in the 2 meter winter snowfall. The summers are generally warm and dry.

GENERAL GEOLOGY

The claims are located over the Horsethief Creek group, which comprises a thick sequence of sediments. These sediments which are Hadrynian in age exhibit varying degrees of metamorphism.

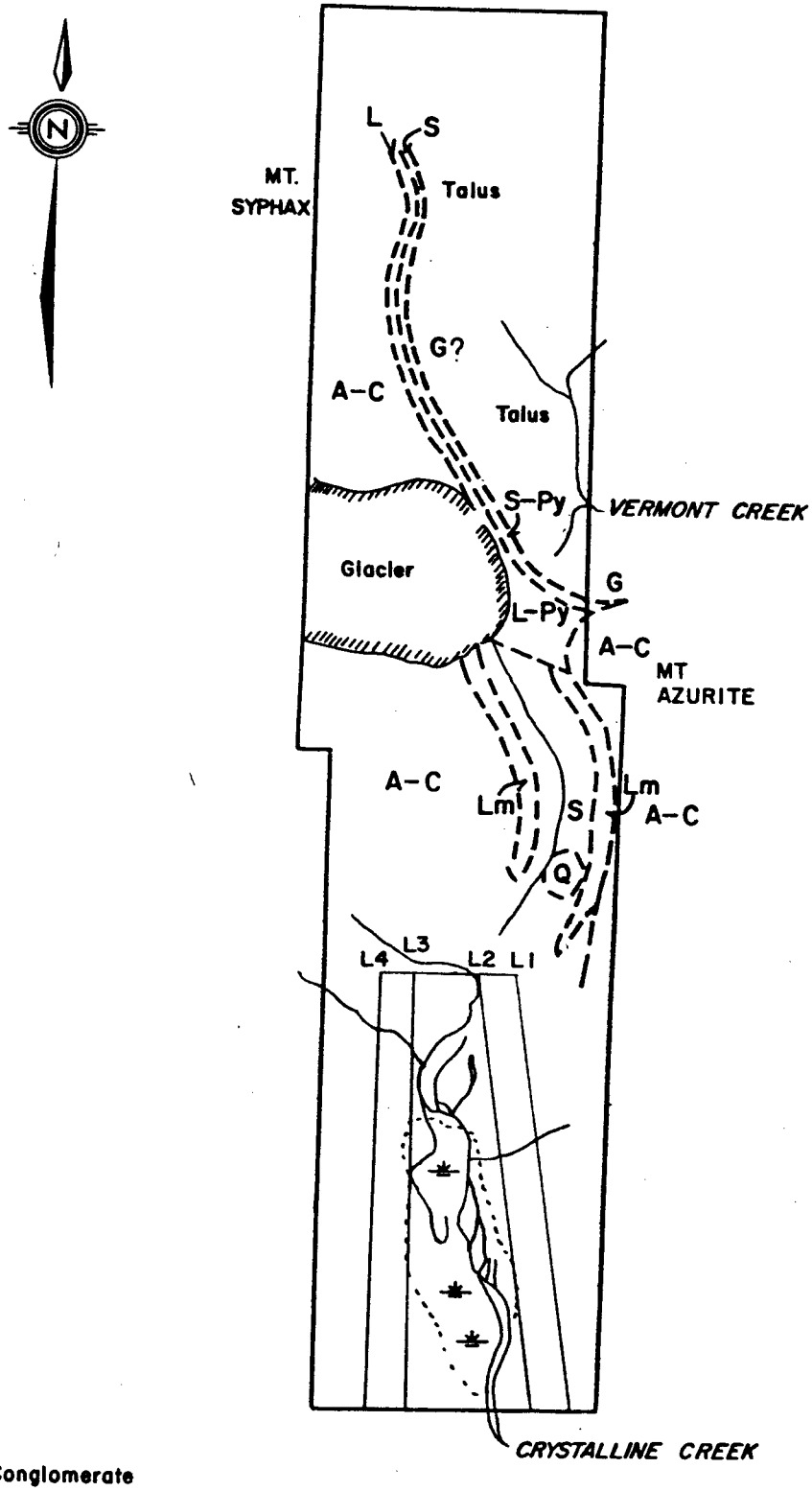
The sedimentary sequence is typically miogeoclinal and consists of shale and argillites, grits, sandstone, quartzites, conglomerates, limestones and/or their metamorphic equivalents. Quartz veining is common.

Faulting, shearing and folding are common structural elements.

DETAILED GEOLOGY

The rocks in the area from a generally continuous sequence alternating and transgressing from one rock type to another. For field classification and mapping the dominant rock type in an area is noted though often all rock types may be represented. For example a conglomerate horizon may contain layers of grit and/or mudstone but with the conglomerate being dominant, it is denoted as conglomerate.

.... /3



LEGEND

Cg — Conglomerate
A — Arenite
L — Limestone
Q — Quartz
Sh — Shale
S — Schist
G — Grit
Lm Lateral Moraine
Py — Pyrite

FIG 2 GEOLOGY AND GEOCHEM GRID
PRO 7,8,11,12
SCALE 1cm = 500m

FIELD CLASSIFICATION

1) Shale - a) massive shale was termed argillite
b) fissile shale exhibiting a sheen was termed phyllite
c) fissile shale without a sheen was termed shale.
- The shale is green to dark grey in color and is often calcareous, pyrite-marcasite is a common component and often occurs as well defined crystals of up to 2cm in width. The pyrite occurs in discreet zones within an otherwise apparently homogenious layer.

2) Schist - Strongly foliated and often talcose or sericitic. Pyrite-marcasite is a common constituent.

3) Grit - Fine grained sandstone with grains just visible to the naked eye.

4) Arenite - Coarser grained than grit with grains readily distinguishable.

5) Conglomerate- Gravel to pebble sized. 3, 4 and 5 often grade one into the other.

6) Limestone - Impure, usually grey to black and often has a high sand content.

7) Quartzite

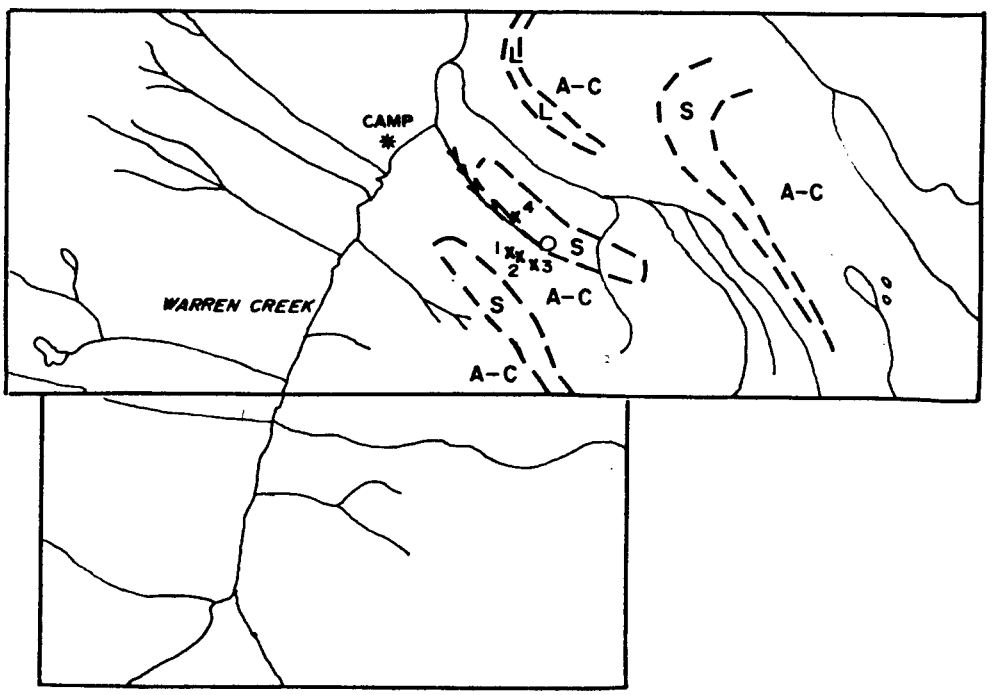
8) Quartz - Quartz veining is common and is periodically extensive.

PRO 11 & 12 CLAIMS (FIGURE 2)

Rock Types - conglomerate and arenite
schist - abundant pyrite
limestone
grits
quartz veining

On August 7th, 1981 two field crews were dispatched to the Pro 7, 8, 11 and 12 claims groups via helicopter. Group 1 consisted of 4 men who were to prospect the Pro 11, 12 and northern portion of Pro 7 claims. The crew was dropped on the N.E. face of Mt. Syphax and prospected that face by random tranverse with the men spaced at approx 50m. intervals down slope and maintaining as nearly as possible their respective

.... /4



LEGEND

A — Arenite

C — Conglomerate

S — Shale

L — Limestone

>— — Adit

x1 — Sample No. Tarn 1, Etc.

FIG 3

GEOLOGY W.C. 2 & 3

SCALE 1cm = 500m

elevations. The crew separated into two parties after traversing a saddle consisting of limestone which separates Mt. Syncline and Mt. Azurite. The team then split into two man teams and each team prospected the two sides of the valley of a tributary of Crystalline Creek. Sample suites were collected by all individuals during the days traverse and rock exposures were zinc zapped. No economic mineralization was recognized in the field either visually or by use of zinc zap.

The second team was deposited in the approximate middle of Pro 7 and four geochem survey lines were run in order to analyse the soils on each side of the valley. Two lines were run on the west side at a bearing of 180° and line separation of 200 meters. Two lines were also run on the east side of the valley with the same separation but at 172°. Samples were collected at 25m intervals. The results of this survey are pending sample analysis.

DETAILED GEOLOGY WC CLAIMS (FIGURE 3)

Much the same rock types were recognized while traversing this property as those outlined for the Pro claims. During one traverse along the flank of a cirque, southwest of a known shear mineralized with copper, some minor chalcopyrite was witnessed in an arenite. Within this outcrop exposure of arenite were shaley layers and both the shaley layers and the arenite host a very finely disseminated grey black to blue black mineral. Though the grain size of this mineral is very fine it is tentatively identified by the writer as chalcocite and if this identification is correct the exposure may represent a significant showing.

The principle showing on this property is within a shear system trending approximately 132° and positioned on the footwall side of a quartz vein of up to 20' in width. The shear zone is also usually within 20' in width but the mineralization appears to be concentrated within a few feet adjacent to the footwall of the quartz vein.

The shear zone trends between 117° and 135° and dips steeply (64° - 86°) to the S.W. Abundant quartz lenses and veinlets are present

.... /5

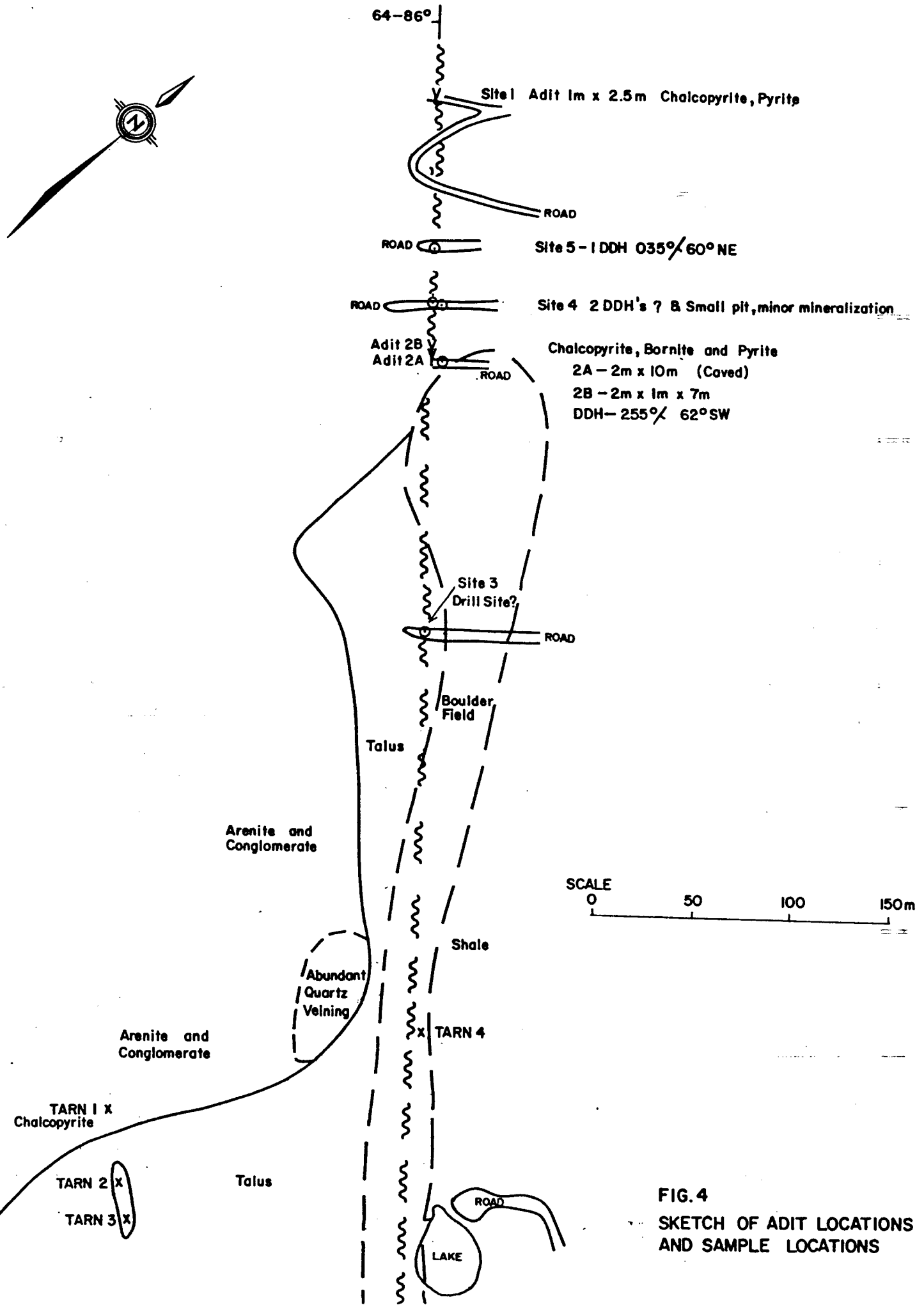


FIG. 4
SKETCH OF ADIT LOCATIONS AND SAMPLE LOCATIONS

adjacent to the footwall of the main quartz vein and the mineralization appears to be associated with this area. The copper minerals chalcopyrite and bornite were recognized and pyrite is present in abundance. Though no zinc minerals were witnessed the zinc zap indicated that zinc is likely present in small amounts. The copper mineralization occurs in pods and along foliation and is considered by the writer to be quite spotty.

Four adits and/or pits were located along the strike of the mineralized zone as were the location of at lease four drill sites (FIGURE 4). It is possible that the drill holes located may not have adequately tested the zone of interest. This statement, however is dependent upon knowledge unknown to the writer i.e. depth of hole etc. In particular is that hole noted was aligned in 255° at -62° and 25' from the surface expression of the mineralization which is striking at 135° and dipping at 75 - 86° S.W. Intersection would not occur until a length of at least 80' assuming that the dip of the shear remains constant. The actual depth of this hole is unknown to the writer.

SUMMARY

Pro 7, 8, 11 and 12

The one day of prospecting on the Pro 11 and 12 claims did not locate the presence of any economic mineralization. This does not mean that mineralization does not exist but that the time frame alloted was inadequate for a valid assessment of the ground. An area of particular interest might be in the vicinity around the extensive quartz outcrop marked on FIGURE 2 as the mineralization at Ruth Vermont is associated with quartz.

The geochem on Pro 7 and 8 should detect the presence of mineralization should it occur upslope from the lines sampled.

WC 2, 3 and 4

Of particular interest to the writer concerning the WC claims is the possibility that copper mineralization may exist within the sediments in either stratiform or stratabound form(s). This possibility greatly enhances the townage potential of the area but will require much

.... /6

additional followup should analyses indicate such is the case. The mineralized shear, through interesting, does not indicate much potential for development at this time. The mineralization appears spotty and within narrow confines and a low potential tonnage is indicated. This combined with the remoteness of the prospect and the present price of copper makes the prospect unattractive from a base metal point of view.

It should be emphasized, however, that the presence of gold in anomalous concentrations in both geochem and core samples is very intriguing and should be followed up. A first assessment of the gold potential should include determining the method of the initial analysis as gold geochemistry does not usually give an accurate value of the gold content of either soils or rocks. Fire assay is the most definitive analytical technique for gold analyses.

RECOMMENDATIONS

WC Group

This group has potential for both copper and gold mineralization. The geochem program conducted during July and August of 81 should locate or indicate sources of copper mineralization in the area. Assessment for gold will require additional work as assay analyses for gold requires a minimum of 10 gr of -80 mesh materials which is seldom attained in normal geochem surveys. Further assessment of the ground may include:

a) Followup on geochemical anomalies.
b) Followup on showing S.W. of shear dependent upon analytical results of samples Tarn 1-4.
c) Geological detailing of shear and vein.
d) Rock chip sample entire shear area and fire assay for gold.
e) Determination of host for gold i.e.: Pyrite etc.
f) Appropriate geophysics dependent upon host for gold.
g) Followup on the Pro 7 and 8 claims will depend upon geochem results.
h) A small geochem grid over the quartz exposure in Pro 7 FIGURE 2 is recommended
i) Rock chip and soil analysis for gold should be considered in addition to base metal and silver analyses in the area of the quartz exposure.

Respectfully Submitted
W.C.Day, P.Geol.

W.C. Day

STATEMENT OF WORK ON CLAIM:

NUMBER ONE, LOT 542, RECORD No. 406

CARBONATE CREEK, GOLDEN MINING DIVISION, B.C.

by

J.A. Vonhof Ph.D., P. Eng.
5228 Veronica Rd. NW
Calgary, Alberta
F.M.C. 200791

acting as agent

for

Cochrane Oil & Gas Ltd.
1400, 444-5th Avenue SW
Calgary, Alberta
F.M.C. 207819

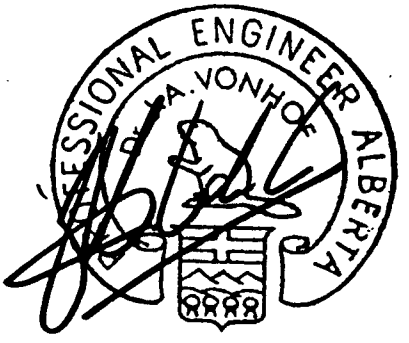


TABLE OF CONTENTS

Location of Claim
Access
Geology
Present Work
Figure 1. Location of claim
Figure 2. Location traverse and sampling points within claim
Geochemical laboratory report
Statement of costs
Certificate of qualifications

CLAIM: NUMBER ONE, LOT 542
GOLDEN MINING DIVISION, B.C.

Location of claim

Claim Number one, Lot 542 is located approximately 1200 meters east of Carbonate Creek (Fig. 1). Carbonate Creek is a small tributary of Bobbie Burns Creek. The claim block is shown on NTS Map Sheet 82 N/3. The approximate position of the northwest corner of the claim in the ZONE 11, ONE THOUSAND METRE UNIVERSAL TRANSVERSE MERCATOR GRID is Eastings: 960 and Northings: 509.

Access

Figure 1 shows that the claim can be reached by road through the valley of Bobbie Burns Creek and up Carbonate Creek. However, at the time work was performed on the claim, a number of bridges were out and the claim was reached by helicopter.

Geology

The claim is underlain by the sediments of the Horsethief Creek Group of Hadrynian age. The Horsethief Creek Group comprises slates, quartzites, fedspathic quartzite, argillite, etc. Exposure within the claim boundary is poor and restricted to a few small roadcuts.

Present work

On September 3, 1981 the property was visited by J.A. Vonhof and E. Lewycky. A 206 B helicopter from Okanagan Helicopters Ltd., Golden, B.C., was used to reach the claim. Soil samples at 50 meter intervals were collected along a traverse in the middle of the claim. Figure 2 shows the location of the traverse and the position of the sampling points. The samples were subsequently submitted to Barringer Magenta Laboratory in Calgary, Alberta, for analysis. The results of the analyses are shown in the attached geochemical laboratory report.

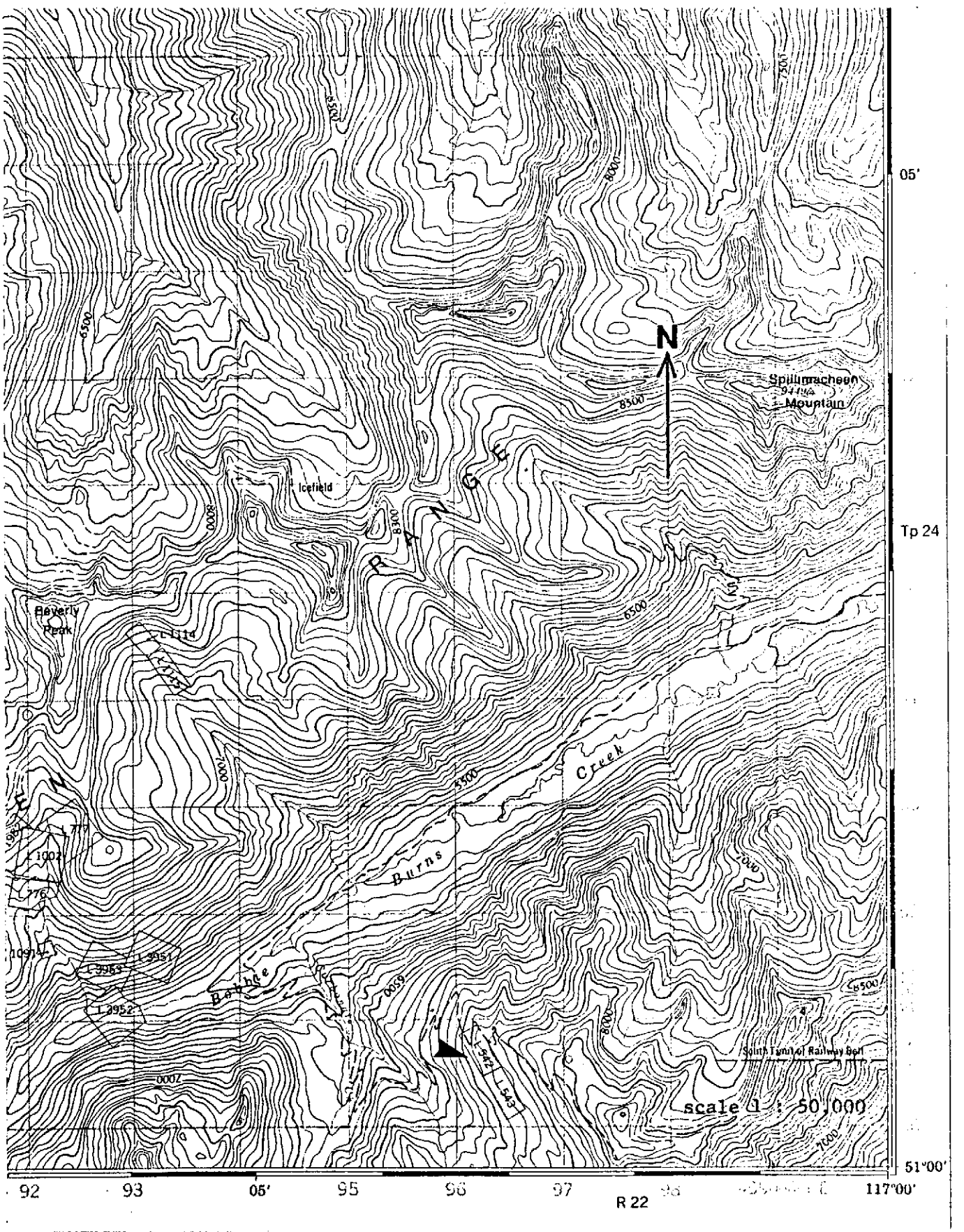
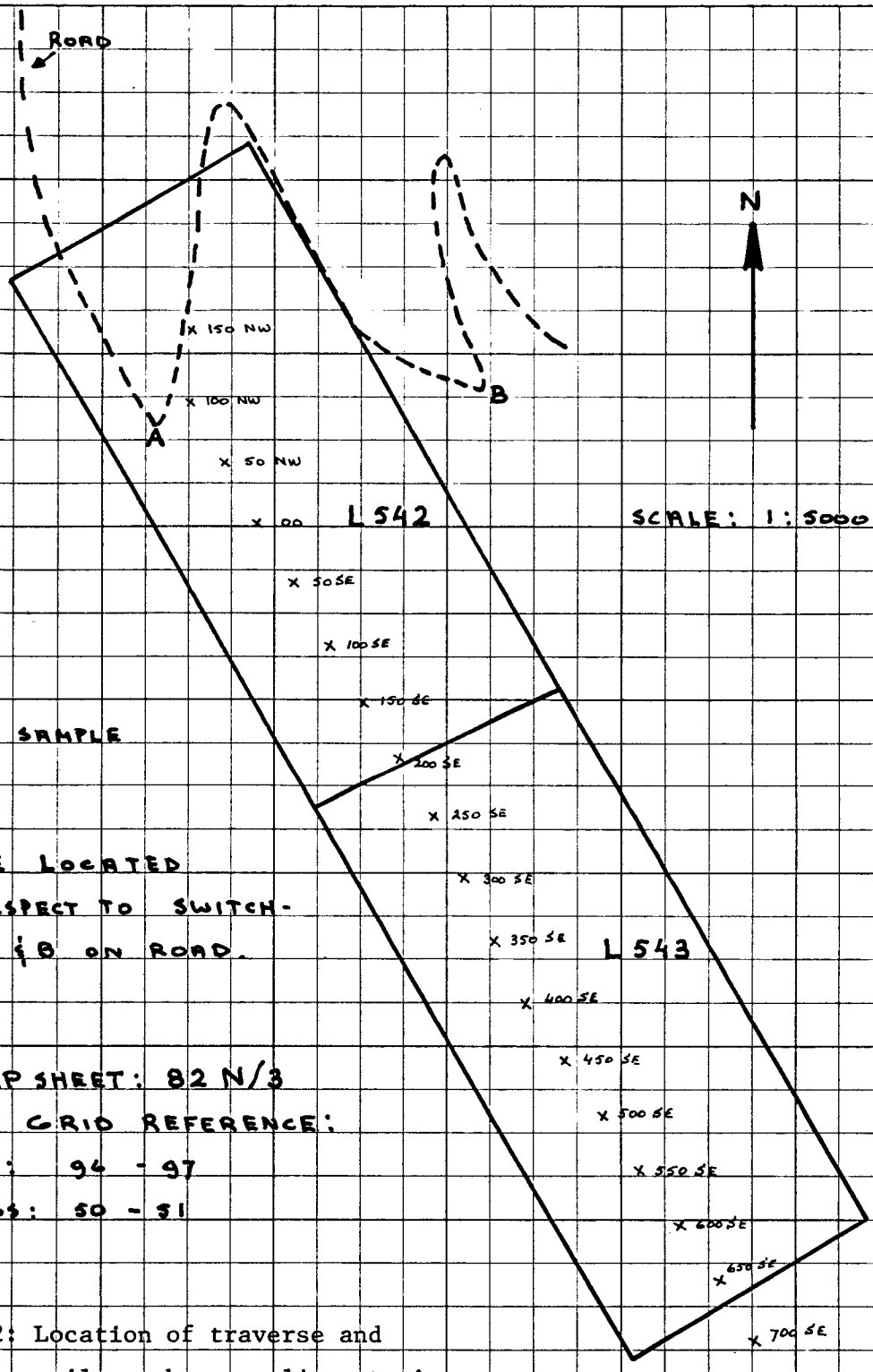


Figure 1: Location of Claim



X = GEOCHEM SAMPLE STATION

TRAVERSE LOCATED WITH RESPECT TO SWITCH-BACKS A & B ON ROAD.

NTS MAP SHEET: 82 N/3

CLAIMS GRID REFERENCE:

EASTINGS: 96 - 97

NORTHINGS: 50 - 51

Figure 2: Location of traverse and soil geochem sampling stations

WORK COMPLETED: SEPTEMBER 3, 1981

(J.A. VON HOF)

Eugene Lewycky Jr.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY
3750 - 19th ST N.E. SUITE 105
CALGARY ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX 03-827584

BARRINGER MAGENTA

09/OCT/81

WORK ORDER # 334C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	CU PPM	PB PPM	ZN PPM
408				
0E	<.1	56.	45.	84.
25E	<.1	36.	32.	75.
50E	<.1	50.	54.	92.
75E	<.1	55.	53.	105.
100E	<.1	72.	185.	98.
125E	<.1	46.	47.	91.
150E	<.1	48.	51.	135.
175E	<.1	52.	60.	108.
200E	<.1	44.	35.	96.
225E	<.1	44.	34.	87.
250E	<.1	50.	33.	89.
275E	<.1	55.	33.	92.
300E	<.1	61.	35.	100.
325E	<.1	77.	75.	83.
350E	<.1	110.	160.	100.
406				
0NW	<.1	11.	16.	55.
50NW	<.1	30.	11.	42.
100NW	<.1	9.	18.	18.
150NW	<.1	5.	12.	8.
0SE	M S	M S	M S	M S
50SE	<.1	11.	11.	53.
100SE	<.1	22.	20.	120.
150SE	<.1	43.	30.	76.
200SE	<.1	14.	22.	37.
407				
250SE	<.1	27.	22.	70.
300SE	<.1	16.	34.	67.
350SE	<.1	16.	23.	70.
400SE	<.1	32.	10.	69.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY
3750 - 19th ST N.E. SUITE 105
CALGARY ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX 03-827564

BARRINGER MAGENTA

09/OCT/81

WORK ORDER # 334C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	CU PPM	PB PPM	ZN PPM
407				
450SE	<.1	40.	32.	77.
500SE	<.1	11.	16.	46.
550SE	<.1	36.	24.	76.
600SE	<.1	28.	13.	45.
650SE	<.1	16.	14.	40.
700SE(A)	<.1	12.	11.	16.
700SE(B)	<.1	21.	35.	60.

STATEMENT OF COSTS

1. Okanagan Helicopters Ltd., Golden, B.C.,		
Flight Report: 453883. Total cost $843.30		
Claim: Number one, Lot 542 ¼ x 843.30		$ 210.80
2. Professional Services:		
J.A. Vonhof 1 hr @ $45.00/hr		45.00
E. Lewycky 1 hr @ $10.00/hr		10.00
3. Barringer Magenta, Calgary, Alberta		
8 soil geochems @ $5.20/sample		41.60
4. Report preparation		
J.A. Vonhof 3 hrs @ $45.00/hr		135.00
	Total:	$ 442.40

OKANAGAN HELICOPTERS LTD.
4391 AGAR DRIVE, INTERNATIONAL AIRPORT
VANCOUVER, B.C. V7B 1A5
TEL. (604) 278-5502 TELEX: 04-355594

FLIGHT REPORT - CUSTOMER COPY

FLIGHT DATE: DAY 03 MO. 09 YR. 81 — **453883**

TYPE OF CONTRACT | CONTRACT NO. | SUB NO. | TYPE OF FLYING
HOURLY | DAILY MINIMUM 1-29 DAYS | 30 DAYS OR MORE

BASE No.	BASE NAME	AIRCRAFT TYPE	AIRCRAFT CODE	AIRCRAFT CALL SIGN	FLIGHT LOCATION	FLIGHT NO.	PAGE NO.
065	GOLDEN	206B	16	FBHE	GOLDEN	62	03

CUSTOMER NAME AND ADDRESS

BLUE SKY OIL + GAS
7th FLOOR 333-5 AVE SW
CALGARY ALTA T2P 3B6

P.O. NUMBER	NO. PASSENGERS	FREIGHT LBS.	CARGO DECLARED VALUE

	NAME	NUMBER
PILOT No. 1	M. GRUBAC	17897
PILOT No. 2		
ENGINEER No. 1	S. BEAULIEU	19034
ENGINEER No. 2		

OPERATION	TAKE OFF	LAND	FLYING TIME
CATTEN, VON HOF; LEWYCKY			
SITE L651			.9
SITE L542			.9
L543			

SOURCE CODE	G.L.	DIV.	SUB	EXTRA CHARGE OR ADJUSTMENT	AMOUNT	NON REV. HRS.	REV. HRS.	TOTAL HOURS	1.8
							1.8	TARIFF RATE	AMOUNT
						TARIFF ZONE CODE			
						CUST. FUEL-HRS			

UNLESS OTHERWISE STATED, PAYMENT IS DUE UPON RECEIPT OF INVOICE. INTEREST AT 2% PER MONTH (BEING 24% PER ANNUM) WILL BE CHARGED ON OVERDUE INVOICES.

CUSTOMER NUMBER | INVOICE DATE DAY MO. YR.

THE CARRIAGE OF PASSENGERS, BAGGAGE AND GOODS BY OKANAGAN HELICOPTERS LTD. IS SUBJECT TO THE TERMS, CONDITIONS AND LIMITATIONS OF LIABILITY SET FORTH IN ITS TARIFF. THE LIABILITY FOR LOSS OR DAMAGE TO GOODS IS LIMITED TO 50 CENTS PER POUND, FILED WITH THE ATC, AN EXTRACT OF WHICH IS AVAILABLE FOR EXAMINATION AT THE OFFICE OF OKANAGAN HELICOPTERS LTD.

PRINT NAME OF PERSON AUTHORIZED TO SIGN FOR CHARTERER

SIGNED FOR CHARTERER BY

SIGNED FOR CARRIER BY M. Grubac

OUR FUEL GALS./LTRS. @	
OUR FUEL GALS./LTRS. @	
OUR FUEL GALS./LTRS. @	
OUR OIL - HRS. @	
EXTRA CHARGES	
SUB. TOT.	
TOTAL ▶ $	

CERTIFICATE OF QUALIFICATIONS

I, Jan Albert Vonhof, do hereby certify that:

1. I am a practising geological engineer with a residence at 5228 Veronica Rd. NW, Calgary, Alberta.
2. I am a graduate of the Technical University, Delft, The Netherlands, and have been granted the degree of Bachelor in Engineering.
3. I am a post-graduate of the University of Saskatchewan, Saskatoon, Saskatchewan, and have been granted the degrees of Master of Science and Doctor of Philosophy in the Geological Sciences.
4. I have been practising my profession as a geological engineer for fifteen years.
5. I am a member of the Association of Professional Engineers, Geologists, and Geophysicists of Alberta.
6. The report is based on an examination of the property on September 3, 1981.
7. I have no interest directly or indirectly in Cochrane Oil & Gas Ltd., nor in the claims.

J.A. Vonhof Ph.D., P.Eng.

STATEMENT OF WORK ON CLAIM:

DIAMOND E, LOT 543, RECORD No. 407

CARBONATE CREEK, GOLDEN MINING DIVISION, B.C.

by

J.A. Vonhof, Ph.D., P. Eng.
5228 Veronica Rd. NW
Calgary, Alberta
F.M.C. 200791

acting as agent

for

Cochrane Oil & Gas Ltd.
1400, 444-5th Avenue SW
Calgary, Alberta
F.M.C. 207819

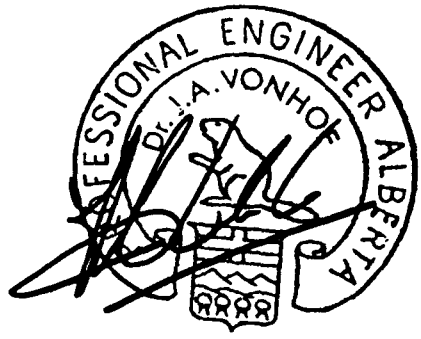


TABLE OF CONTENTS

Location of Claim

Access

Geology

Present Work

Figure 1. Location of claim

Figure 2. Location traverse and sampling points within claim

Geochemical laboratory report

Statement of costs

Certificate of qualifications

CLAIM: DIAMOND E, LOT 543
GOLDEN MINING DIVISION, B.C.

Location of claim

Claim Diamond E, Lot 543 is located approximately 1400 meters east of Carbonate Creek (Fig. 1). Carbonate Creek is a small tributary of Bobbie Burns Creek. The claim block is shown on NTS Map Sheet 82 N/3. The approximate position of the northwest corner of the claim in the ZONE 11, ONE THOUSAND METRE UNIVERSAL TRANSVERSE MERCATOR GRID is Eastings: 962 and Northings: 505.

Access

Figure 1 shows that the claim can be reached by road through the valley of Bobbie Burns Creek and up Carbonate Creek. However, at the time the work was performed on the claim, a number of bridges were out and the claim was reached by helicopter.

Geology

The claim is underlain by the sediments of the Horsethief Creek Group of Hadrynian age. The Horsethief Creek Group comprises slates, argillites, quartzites, feldspathic quartzites, etc. Exposure within the claim boundary is poor and restricted to a few small outcrops in the bottom of small streamlets.

Present work

On September 3, 1981 the property was visited by J.A. Vonhof and E. Lewycky. A 206 B helicopter from Okanagan Helicopters Ltd., Golden, B.C., was used to reach the claim. Soil samples at 50 meter intervals were collected along a traverse in the middle of the claim. Figure 2 shows the location of the traverse and the position of the sampling points. The samples were subsequently submitted to Barringer Magenta Laboratory in Calgary, Alberta for analysis. The results of the analyses are shown in the attached geochemical laboratory report.

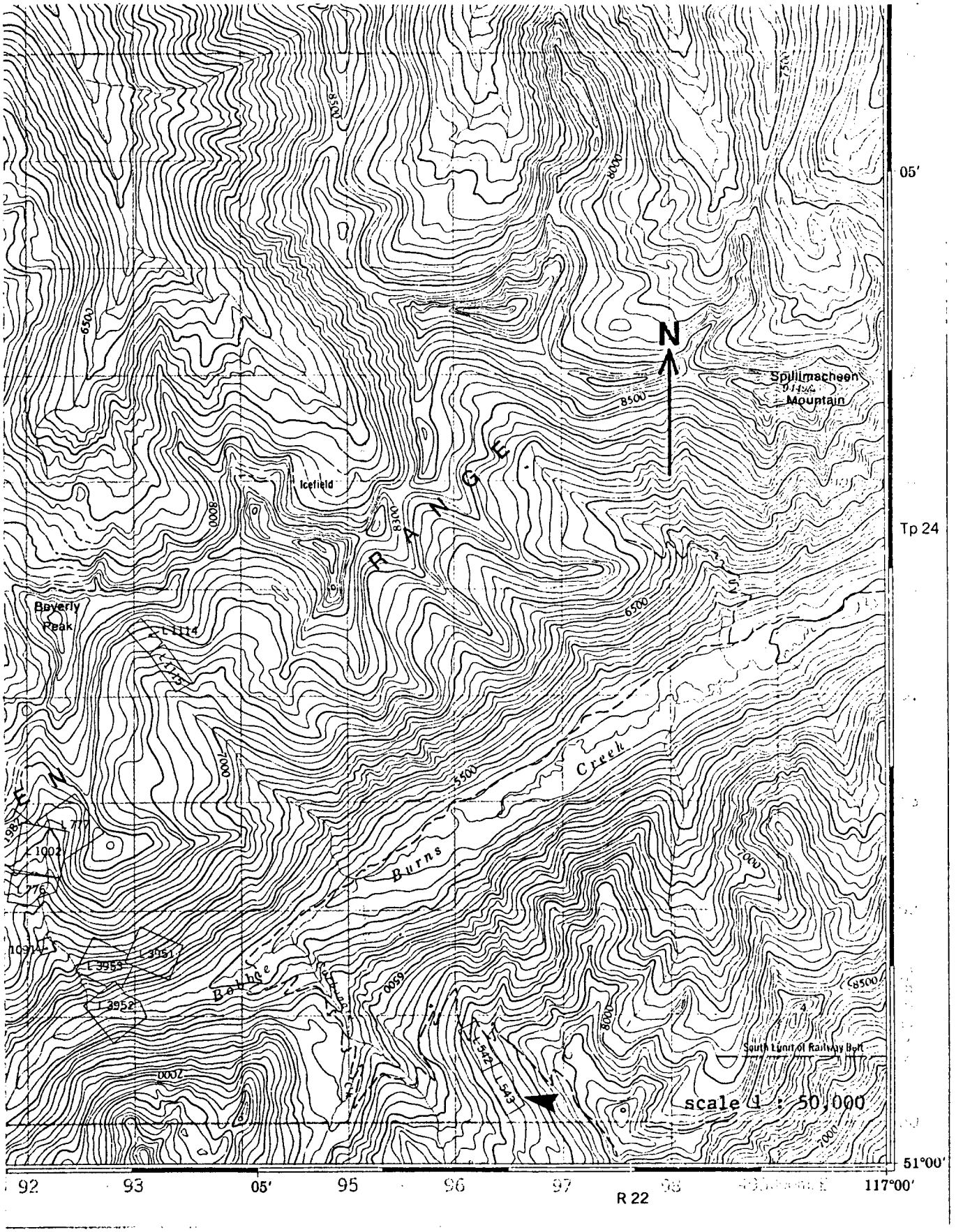
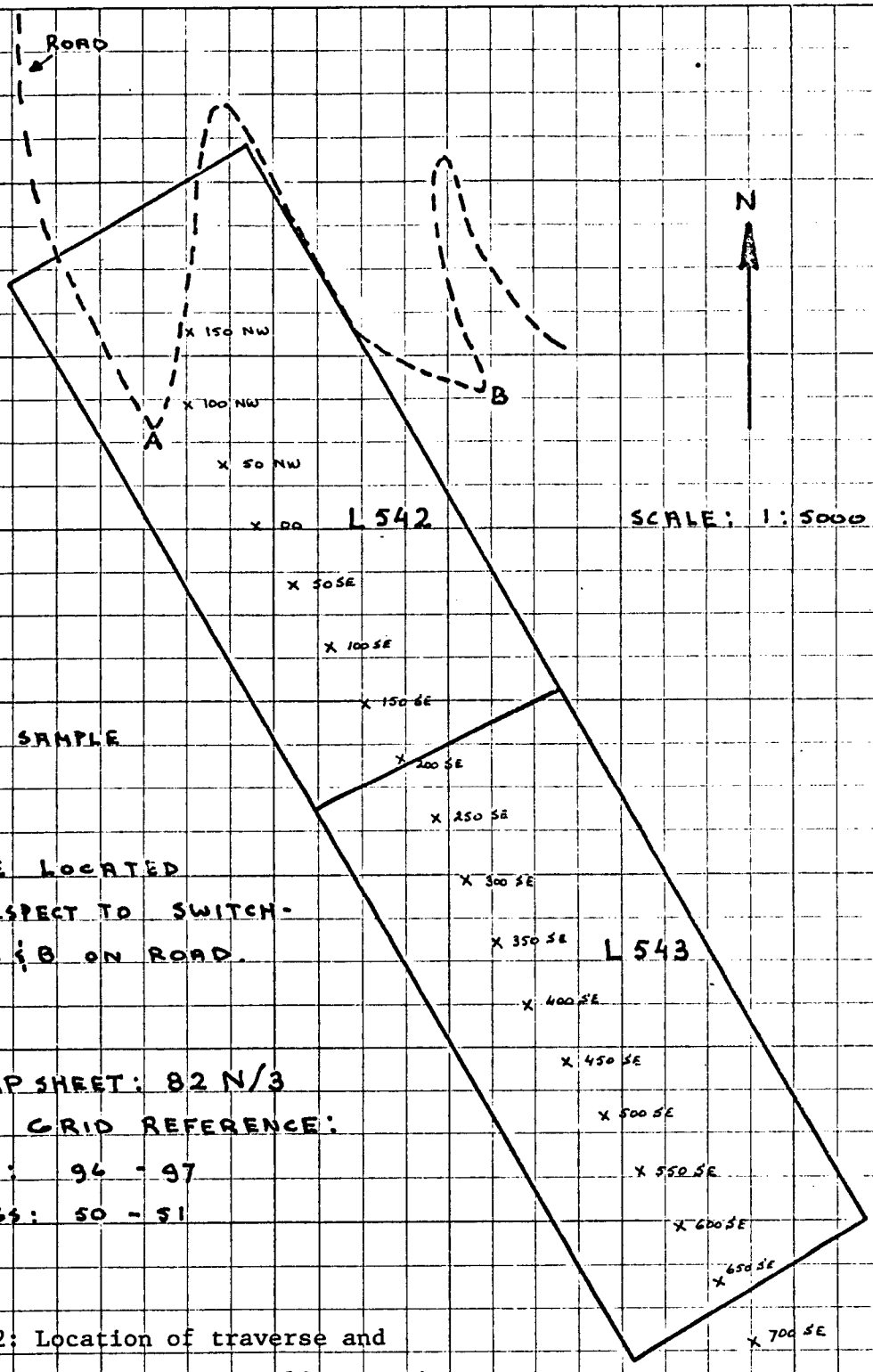


Figure 1: Location of Claim



X = GEOCHEM SAMPLE STATION

TRAVERSE LOCATED WITH RESPECT TO SWITCH-BACKS A & B ON ROAD.

NTS MAP SHEET: 82 N/3

CLAIMS GRID REFERENCE:

EASTINGS: 94 - 97

NORTHINGS: 50 - 51

Figure 2: Location of traverse and soil geochem sampling stations

WORK COMPLETED: SEPTEMBER 3, 1981

(J.A. VON HOF)

Eugene Lewycky

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY
3750 - 19th ST N.E. SUITE 105
CALGARY ALBERTA T2E 6V2
PHONE * (403) 276-3701
TELEX 03-827564

BARRINGER MAGENTA

09/OCT/81

WORK ORDER # 334C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	CU PPM	PB PPM	ZN PPM
408				
0E	<.1	56.	45.	84.
25E	<.1	36.	32.	75.
50E	<.1	50.	54.	92.
75E	<.1	55.	53.	105.
100E	<.1	72.	185.	98.
125E	<.1	46.	47.	91.
150E	<.1	48.	51.	135.
175E	<.1	52.	60.	108.
200E	<.1	44.	35.	96.
225E	<.1	44.	34.	87.
250E	<.1	50.	33.	89.
275E	<.1	55.	33.	92.
300E	<.1	61.	35.	100.
325E	<.1	77.	75.	83.
350E	<.1	110.	160.	100.
406				
0NW	<.1	11.	16.	55.
50NW	<.1	30.	11.	42.
100NW	<.1	9.	18.	18.
150NW	<.1	5.	12.	8.
0SE	M S	M S	M S	M S
50SE	<.1	11.	11.	53.
100SE	<.1	22.	20.	120.
150SE	<.1	43.	30.	76.
200SE	<.1	14.	22.	37.
407				
250SE	<.1	27.	22.	70.
300SE	<.1	16.	34.	67.
350SE	<.1	16.	23.	70.
400SE	<.1	32.	10.	69.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *Z=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY
3750 - 19th ST N.E. SUITE 105
CALGARY ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX 03-827584

BARRINGER MAGENTA

09/OCT/81

WORK ORDER # 334C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	CU PPM	PB PPM	ZN PPM
407				
450SE	<.1	40.	32.	77.
500SE	<.1	11.	16.	46.
550SE	<.1	36.	24.	76.
600SE	<.1	28.	13.	45.
650SE	<.1	16.	14.	40.
700SE(A)	<.1	12.	11.	16.
700SE(B)	<.1	21.	35.	60.

STATEMENT OF COSTS

1. Okanagan Helicopters, Ltd., Golden, B.C.	
Flight report: 453883 Total cost $843.30	
Claim Diamond E, Lot 543 ¼ x 843.30	$ 210.85
2. Professional Services	
J.A. Vonhof 1 hr @ $45.00/hr	45.00
E. Lewycky 1 hr @ $10.00/hr	10.00
3. Barringer Magenta, Calgary, Alberta	
9 soil geochems @ $5.20/sample	46.80
4. Report preparation	
J.A. Vonhof 3 hrs @ $45.00/hr	135.00
	$ 447.85

FLIGHT REPORT - CUSTOMER COPY

OKANAGAN HELICOPTERS LTD.
4391 AGAR DRIVE, INTERNATIONAL AIRPORT
VANCOUVER, B.C. V7B 1A5
TEL. (604) 278-5502 TELEX: 04-355594

FLIGHT DATE: DAY 03 MO 09 YR 81 — 453883

TYPE OF CONTRACT: HOURLY / DAILY MINIMUM 1-29 DAYS / 30 DAYS OR MORE — CONTRACT NO. — SUB. NO. — TYPE OF FLYING

BASE No.	BASE NAME	AIRCRAFT TYPE	AIRCRAFT CODE	AIRCRAFT CALL SIGN	FLIGHT LOCATION	FLIGHT LOCATION NO.	PRO CLASS NO.
065	GOLDEN	206B	H	FBHE	GOLDEN	6R	0B

CUSTOMER NAME AND ADDRESS

BLUE SKY OIL + GAS
7th FLOOR 333-5 AVE SW
CALGARY ALTA T2P 3B6

P.O. NUMBER	NO. PASSENGERS	FREIGHT LBS.	CARGO DECLARED VALUE

	NAME	NUMBER
PILOT No. 1	M. GRUBAC	17897
PILOT No. 2		
ENGINEER No. 1	S. BEAULIEU	19034
ENGINEER No. 2		

OPERATION

CATTEN. VON HOF ; LEWYCKY

SITE L651

SITE L542
L543

TAKE OFF	LAND	FLYING TIME
		.9
		.9
		1.8

SOURCE CODE	G.L.	DIV.	SUB	EXTRA CHARGE OR ADJUSTMENT	AMOUNT $	NON REV. HRS.	REV. HRS.
							1.8
						TARIFF ZONE CODE	
						CUST. FUEL ~~HRS~~	

TOTAL HOURS ▶ 1.8

TARIFF RATE — AMOUNT

OUR FUEL GALS./LTRS. @
OUR FUEL GALS./LTRS. @
OUR FUEL GALS./LTRS. @
OUR OIL - HRS. @

EXTRA CHARGES
SUB. TOT.
TOTAL ▶ $

UNLESS OTHERWISE STATED, PAYMENT IS DUE UPON RECEIPT OF INVOICE. INTEREST AT 2% PER MONTH (BEING 24% PER ANNUM) WILL BE CHARGED ON OVERDUE INVOICES.

CUSTOMER NUMBER

INVOICE DATE ▶ DAY MO. YR.

THE CARRIAGE OF PASSENGERS, BAGGAGE AND GOODS BY OKANAGAN HELICOPTERS LTD. IS SUBJECT TO THE TERMS, CONDITIONS AND LIMITATIONS OF LIABILITY SET FORTH IN OUR TARIFF OF LIABILITY FOR LOSS OR DAMAGE TO GOODS IS LIMITED TO 50 CENTS PER POUND FILED WITH THE ATC AND EXTRACT OF WHICH IS AVAILABLE FOR EXAMINATION AT THE OFFICE OF OKANAGAN HELICOPTERS LTD.

PRINT NAME OF PERSON AUTHORIZED TO SIGN FOR CHARTERER

SIGNED FOR CHARTERER BY

SIGNED FOR CARRIER BY M. Grubac

CERTIFICATE OF QUALIFICATIONS

I, Jan Albert Vonhof, do hereby certify that:

1. I am a practising geological engineer with a residence at 5228 Veronica Rd. NW, Calgary, Alberta.
2. I am a graduate of the Technical University, Delft, The Netherlands, and have been granted the degree of Bachelor in Engineering.
3. I am a post-graduate of the University of Saskatchewan, Saskatoon, Saskatchewan, and have been granted the degrees of Master of Science and Doctor of Philosophy in the Geological Sciences.
4. I have been practising my profession as a geological engineer for fifteen years.
5. I am a member of the Association of Professional Engineers, Geologists, and Geophysicists of Alberta.
6. The report is based on an examination of the property on September 3, 1981.
7. I have no interest directly or indirectly in Cochrane Oil & Gas Ltd., nor in the claims.

J.A. Vonhof Ph.D., P.Eng.

STATEMENT OF WORK ON CLAIM:

MONITOR, LOT 651, RECORD No 408

CARBONATE MOUNTAIN, GOLDEN MINING DIVISION, B.C.

by

J.A. Vonhof Ph.D., P. Eng.
5228 Veronica Rd. NW
Calgary, Alberta
F.M.C. 200791

acting as agent
for

Cochrane Oil & Gas Ltd.
1400, 444-5th Avenue SW
Calgary, Alberta
F.M.C. 207819

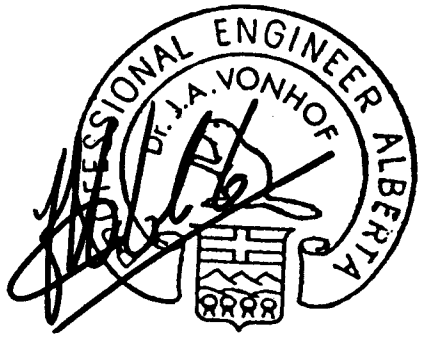


TABLE OF CONTENTS

Location of Claim
Access
Geology
Present Work
Figure 1. Location of claim
Figure 2. Location traverse and sampling points within claim
Geochemical laboratory report
Statement of costs
Certificate of qualifications

CLAIM: MONITOR, LOT 651

GOLDEN MINING DIVISION, B.C.

Location of Claim

Claim Monitor, Lot 651 is located approximately 1300 meters northwest of Malachite Creek, on the southeastern slope of Carbonate Mountain (Fig. 1). The claim block is shown on NTS Map Sheet 82 K/14. The approximate position of the northeast corner of the claim in the ZONE 11 ONE THOUSAND METRE UNIVERSAL TRANVERSE MERCATOR GRID is Eastings: 970 and Northings: 486.

Access

Figure 1 shows that there is no road access to the claim. A helicopter was used to reach the claim.

Geology

The claim is underlain by the sediments of the Horsethief Creek Group of Hadrynian age. The Horsethief Creek Group comprises argillites, quartzites, argillaceous dolomitic limstone, etc. The southeastern part of the claim is talus covered, whereas the northwestern part shows excellent exposure of the above mentioned rock types.

Present work

On September 3, 1981 the property was visited by J.A. Vonhof and E. Lewycky. A 206 B helicopter from Okanagan Helicopters Ltd., Golden, B.C., was used to reach the claim. Soil samples (talus) were collected along a traverse between elevation 8000 and 8500 feet above mean sea level. Two altimeters were used to determine the elevation on the claim block. Soil samples at 25 meter intervals were taken. The approximate location of the traverse and the sampling stations is shown in Figure 2. The samples were subsequently submitted to Barringer Magenta Laboratory in Calgary, Alberta for analysis. The results of the analyses are shown in the attached geochemical laboratory report.

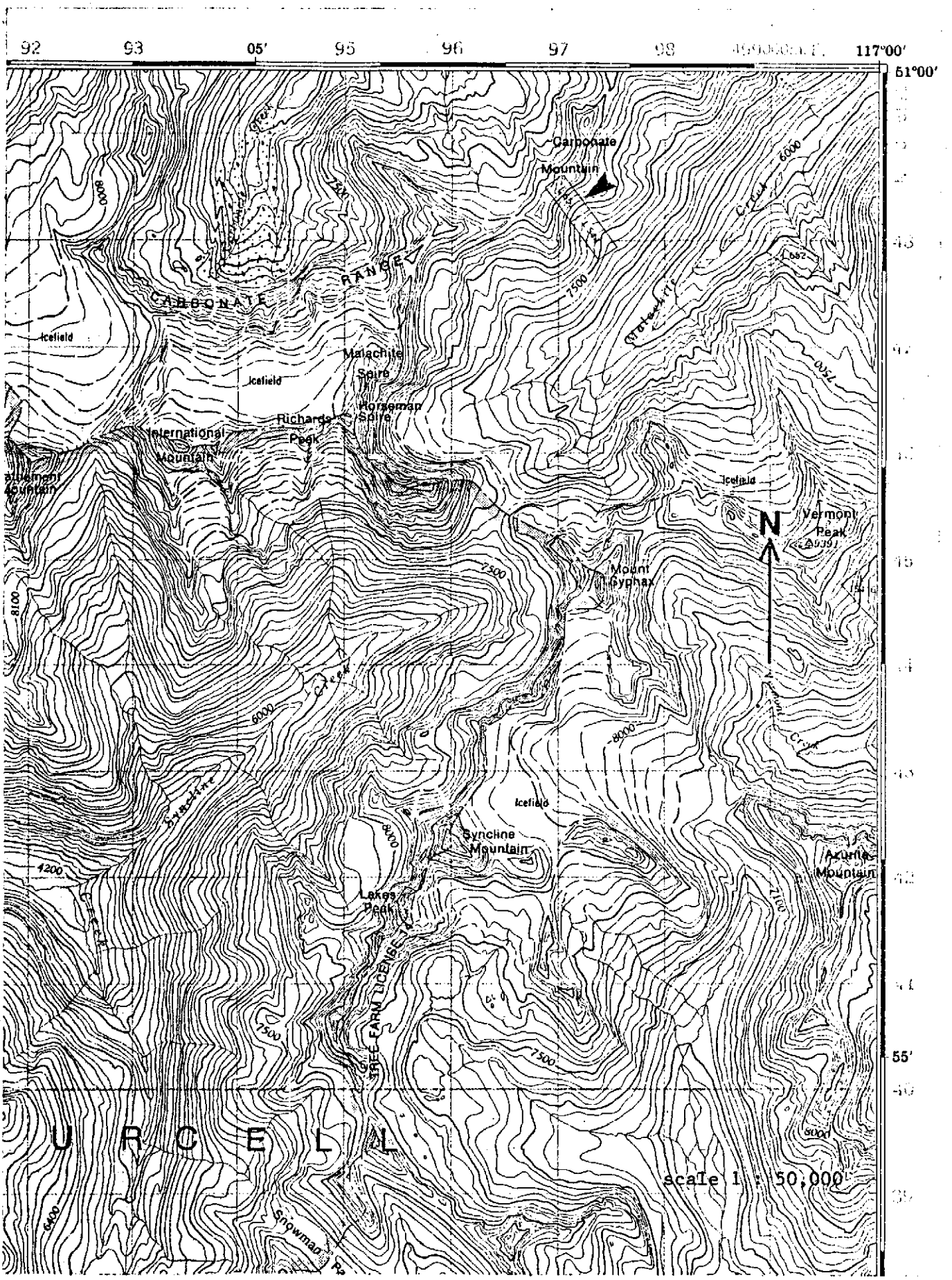
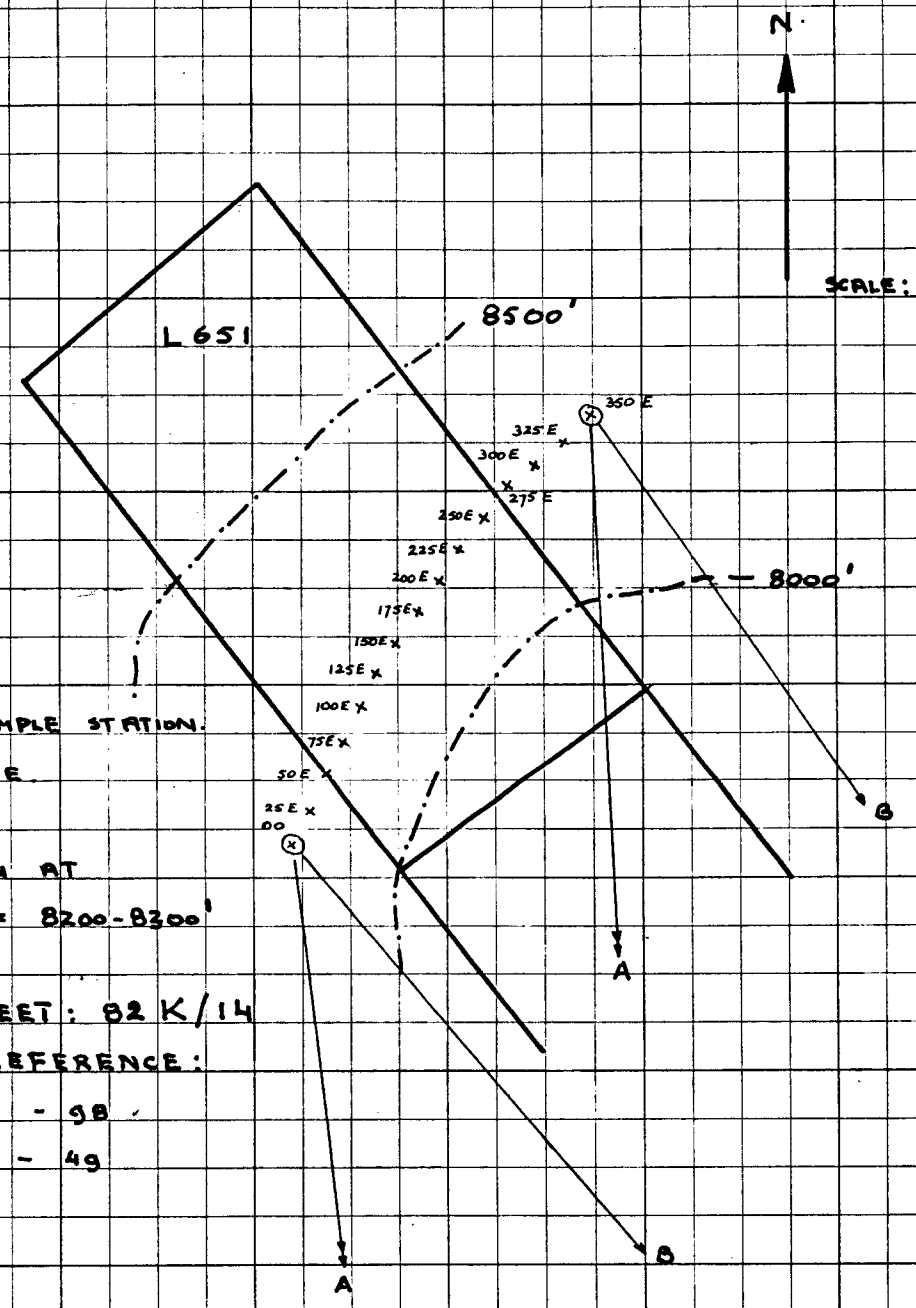


Figure 1: Location of Claim



X = GEOCHEM SAMPLE STATION.

-.-.- = CONTOUR LINE.

TRAVERSE RUN AT ELEVATION OF 8200-8300'

NTS MAP SHEET: 82 K/14

CLAIM GRID REFERENCE:

EASTINGS: 96 - 98

NORTHINGS: 48 - 49

A: MOUNT SYPHAX

B: START CREEK (TRIBUTARY TO MALACHITE CREEK) AT ICE FIELD IMMEDIATELY NORTHWEST OF VERMONT PEAK.

Figure 2: Location of traverse and soil geochem sampling stations

WORK COMPLETED:

SEPTEMBER 3, 1981

(J.A. VANHOF)

Eugene Pewarchuk

NOTE: IN ADDITION TO ABOVE BEARINGS RELATIVE POSITION WAS ESTABLISHED WITH RESPECT TO ICE FIELD & SMALL LAKE IMMEDIATELY WEST OF CARBONATE MOUNTAIN WHILE FLYING HELICOPTER.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY
3750 - 19th ST. N.E. SUITE 105
CALGARY ALBERTA T2E 6V2
PHONE * (403)276-9701
TELEX 03-827584

BARRINGER MAGENTA

09/OCT/81

WORK ORDER # 334C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	CU PPM	PB PPM	ZN PPM
408				
0E	<.1	56.	45.	84.
25E	<.1	36.	32.	75.
50E	<.1	50.	54.	92.
75E	<.1	55.	53.	105.
100E	<.1	72.	185.	98.
125E	<.1	46.	47.	91.
150E	<.1	48.	51.	135.
175E	<.1	52.	60.	108.
200E	<.1	44.	35.	96.
225E	<.1	44.	34.	87.
250E	<.1	50.	33.	89.
275E	<.1	55.	33.	92.
300E	<.1	61.	35.	100.
325E	<.1	77.	75.	83.
350E	<.1	110.	160.	100.
406				
0NW	<.1	11.	16.	55.
50NW	<.1	30.	11.	42.
100NW	<.1	9.	18.	18.
150NW	<.1	5.	12.	8.
0SE	M S	M S	M S	M S
50SE	<.1	11.	11.	53.
100SE	<.1	22.	20.	120.
150SE	<.1	43.	30.	76.
200SE	<.1	14.	22.	37.
407				
250SE	<.1	27.	22.	70.
300SE	<.1	16.	34.	67.
350SE	<.1	16.	23.	70.
400SE	<.1	32.	10.	69.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY
3750 - 19th ST. N.E. SUITE 105
CALGARY ALBERTA T2E 6V2
PHONE (403) 250-9701
TELEX 03-827584

BARRINGER MAGENTA

09/OCT/81

WORK ORDER # 334C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	CU PPM	PB PPM	ZN PPM
407				
450SE	<.1	40.	32.	77.
500SE	<.1	11.	16.	46.
550SE	<.1	36.	24.	76.
600SE	<.1	28.	13.	45.
650SE	<.1	16.	14.	40.
700SE(A)	<.1	12.	11.	16.
700SE(B)	<.1	21.	35.	60.

STATEMENT OF COSTS

1. Okanagan Helicopters Ltd., Golden, B.C.		
Flight report: 453883 Total cost: $843.30		
Claim Monitor, Lot 651 ½ x 843.30		$ 421.65
2. Professional Services		
J.A. Vonhof 2 hrs @ $45.00/hr		90.00
E. Lewycky 2 hrs @ $10.00/hr		20.00
3. Barringer Magenta, Calgary, Alberta		
9 soil geochems @ $5.20/sample		46.80
4. Report preparation		
J.A. Vonhof 3 hrs @ $45.00/hr		135.00
	Total	$ 713.45

OKANAGAN HELICOPTERS LTD.
4391 AGAR DRIVE, INTERNATIONAL AIRPORT
VANCOUVER, B.C. V7B 1A5
TEL. (604) 278-5502 TELEX: 04-355594

FLIGHT REPORT - CUSTOMER COPY

FLIGHT DATE: DAY 03 MO. 09 YR. 81

453883

TYPE OF CONTRACT: HOURLY | DAILY MINIMUM 1-29 DAYS | 30 DAYS OR MORE

CONTRACT NO. | SUB. NO. | TYPE OF FLYING

BASE	AIRCRAFT NO.	AIRCRAFT TYPE	AIRCRAFT CODE	AIRCRAFT CALL SIGN	FROM LOCATION	FROM LOCATION NO.	TO LOCATION NO.
065	GOLDEN	206B	1b	FBHE	GOLDEN	62	0B

CUSTOMER NAME AND ADDRESS

BLUE SKY OIL + GAS
7th FLOOR 333-5 AVE SW
CALGARY ALTA T2P 3B6

P.O. NUMBER	NO. PASSENGERS	FREIGHT LBS.	CARGO DECLARED VALUE

	NAME	NUMBER
PILOT NO. 1	M. GRUBAC	17897
PILOT NO. 2		
ENGINEER NO. 1	S. BEAULIEU	19034
ENGINEER NO. 2		

OPERATION

CATTON. JON HOF ; LEWYCKY

SITE L651

SITE L542
L543

TAKE OFF	LAND	FLYING TIME
		.9
		.9

SOURCE CODE	G.L.	DIV.	SUB	EXTRA CHARGE OR ADJUSTMENT	AMOUNT	NON REV. HRS.	REV. HRS.
							1.8

TOTAL HOURS ▶ 1.8

TARIFF ZONE CODE

CUST. FUEL ~~HRS~~

TARIFF RATE | AMOUNT

OUR FUEL GALS./LTRS. @

OUR FUEL GALS./LTRS. @

OUR FUEL GALS./LTRS. @

OUR OIL - HRS. @

EXTRA CHARGES

SUB. TOT.

TOTAL ▶ $

UNLESS OTHERWISE STATED, PAYMENT IS DUE UPON RECEIPT OF INVOICE. INTEREST AT 2% PER MONTH (BEING 24% PER ANNUM) WILL BE CHARGED ON OVERDUE INVOICES.

CUSTOMER NUMBER | INVOICE DATE ▶ DAY MO. YR.

THE CARRIAGE OF PASSENGERS, BAGGAGE AND GOODS BY OKANAGAN HELICOPTERS LTD. IS SUBJECT TO THE TERMS, CONDITIONS AND LIMITATIONS OF LIABILITY SET FORTH IN ITS TARIFF. THE LIABILITY FOR LOSS OR DAMAGE TO GOODS IS LIMITED TO 50 CENTS PER POUND, FILED WITH THE AIR TRANSPORT BOARD AND IS AVAILABLE FOR EXAMINATION AT THE OFFICE OF OKANAGAN HELICOPTERS LTD.

PRINT NAME OF PERSON AUTHORIZED TO SIGN FOR CHARTERER

SIGNED FOR CHARTERER BY

SIGNED FOR CARRIER BY M. Grubac

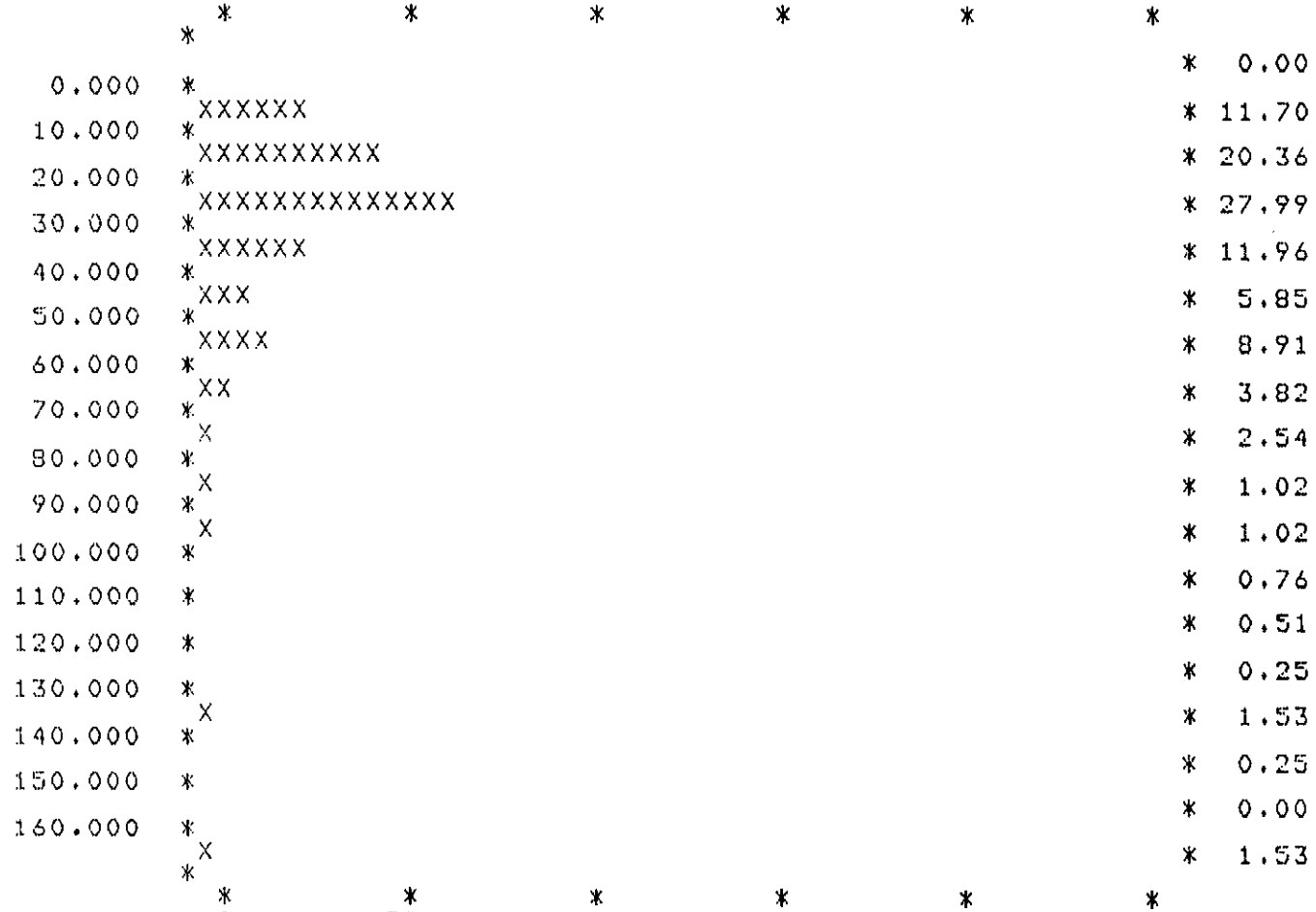
CERTIFICATE OF QUALIFICATIONS

I, Jan Albert Vonhof, do hereby certify that:

1. I am a practising geological engineer with a residence at 5228 Veronica Rd. NW, Calgary, Alberta.
2. I am a graduate of the Technical University, Delft, The Netherlands, and have been granted the degree of Bachelor in Engineering.
3. I am a post-graduate of the University of Saskatchewan, Saskatoon, Saskatchewan, and have been granted the degrees of Master of Science and Doctor of Philosophy in the Geological Sciences.
4. I have been practising my profession as a geological engineer for fifteen years.
5. I am a member of the Association of Professional Engineers, Geologists, and Geophysicists of Alberta.
6. The report is based on an examination of the property on September 3, 1981.
7. I have no interest directly or indirectly in Cochrane Oil & Gas Ltd., nor in the claims.

J.A. Vonhof Ph.D., P.Eng.

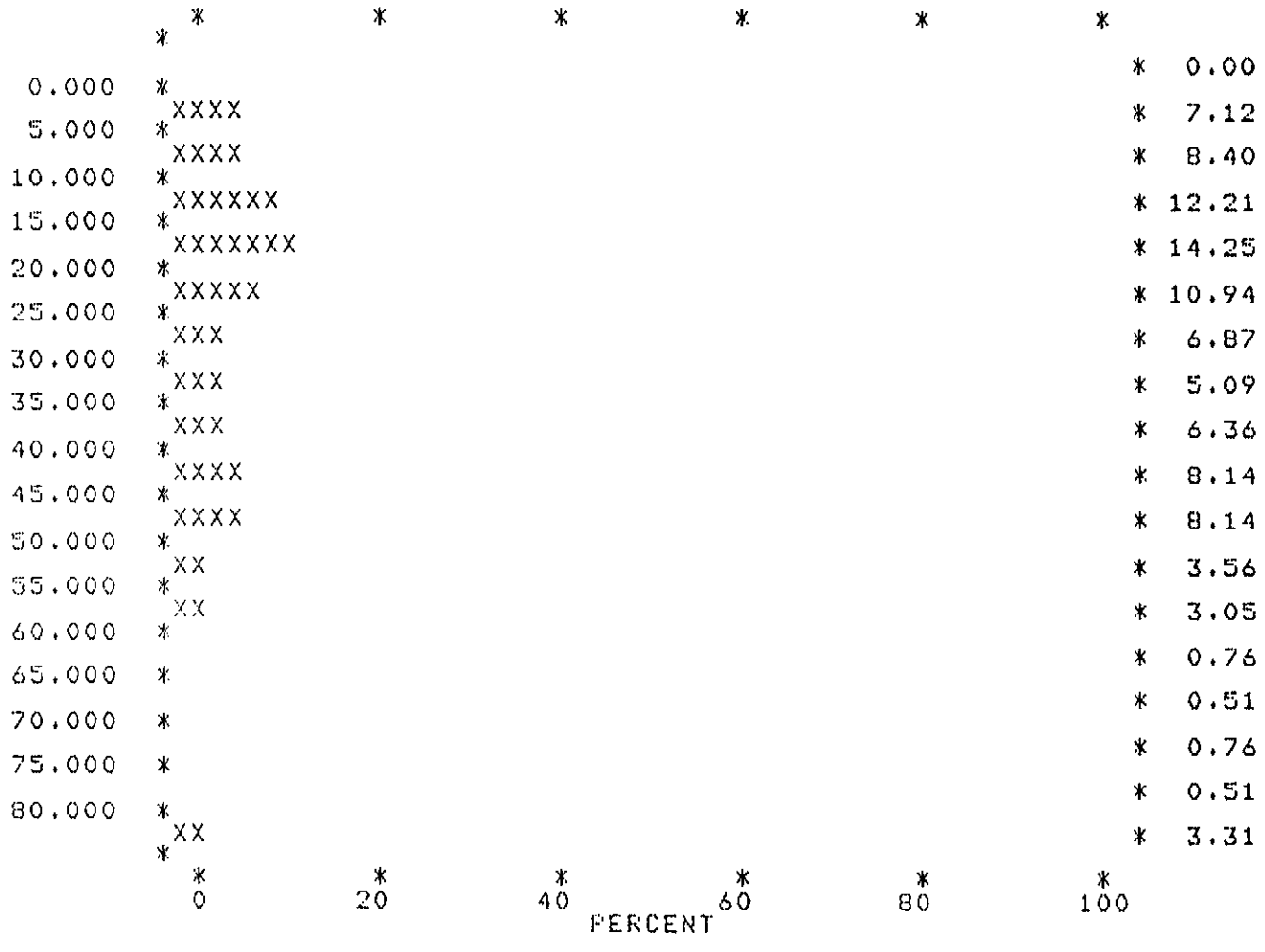
USERS HISTOGRAM OF LEAD : VALUES IN PPM



NUMBER OF SAMPLES	=	393
MEAN	=	38.791
VARIANCE	=	3071.859
STANDARD DEVIATION	=	55.424
SKEW	=	9.001
KURTOSIS	=	112.410
CHI SQUARE	=	489.98
DEGREES OF FREEDOM	=	15

PRO CLAIMS - NORTH

USERS HISTOGRAM OF COPPER : VALUES IN PPM



NUMBER OF SAMPLES	=	393
MEAN	=	29.545
VARIANCE	=	404.672
STANDARD DEVIATION	=	20.116
SKEW	=	1.063
KURTOSIS	=	1.107
CHI SQUARE	=	202.64
DEGREES OF FREEDOM	=	15

PRO CLAIMS - NORTH

USERS HISTOGRAM OF SILVER   : VALUES IN PPM

```
          *         *         *         *         *         *
        *
                                                               *   0.00
0.000   *
         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX       * 94.40
0.100   *
         XX                                                    *   3.56
0.200   *
0.300   *                                                      *   0.76
0.400   *                                                      *   0.51
0.500   *                                                      *   0.25
0.600   *                                                      *   0.00
0.700   *                                                      *   0.00
0.800   *                                                      *   0.25
0.900   *                                                      *   0.00
1.000   *                                                      *   0.00
1.100   *                                                      *   0.00
1.200   *                                                      *   0.00
1.300   *                                                      *   0.00
1.400   *                                                      *   0.00
1.500   *                                                      *   0.00
1.600   *                                                      *   0.00
        *                                                      *   0.25
          *         *         *         *         *         *
          0        20        40        60        80       100
                                  PERCENT
```

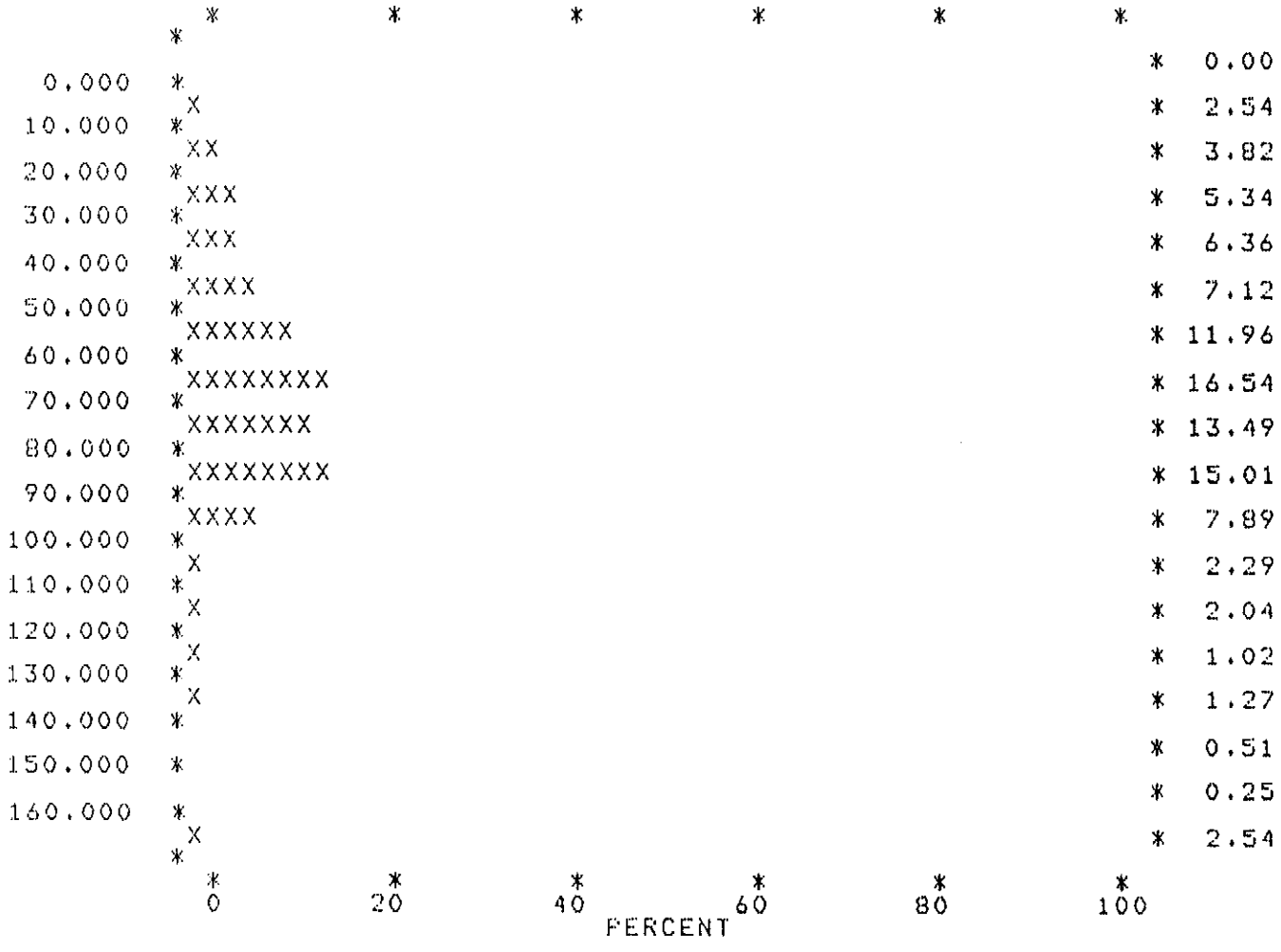
```
NUMBER OF SAMPLES      =    393
MEAN                   =      0.101
VARIANCE               =      2.142
STANDARD DEVIATION     =      1.463
SKEW                   =     19.595
KURTOSIS               =    383.944

CHI SQUARE             = 12253.07
DEGREES OF FREEDOM     =     15
```

PRO CLAIMS - NORTH

YOUR DATA PLOTS INTO HALF THE AVAILABLE DIVISIONS AND WILL BE REGROUPED BY THE PROGRAM

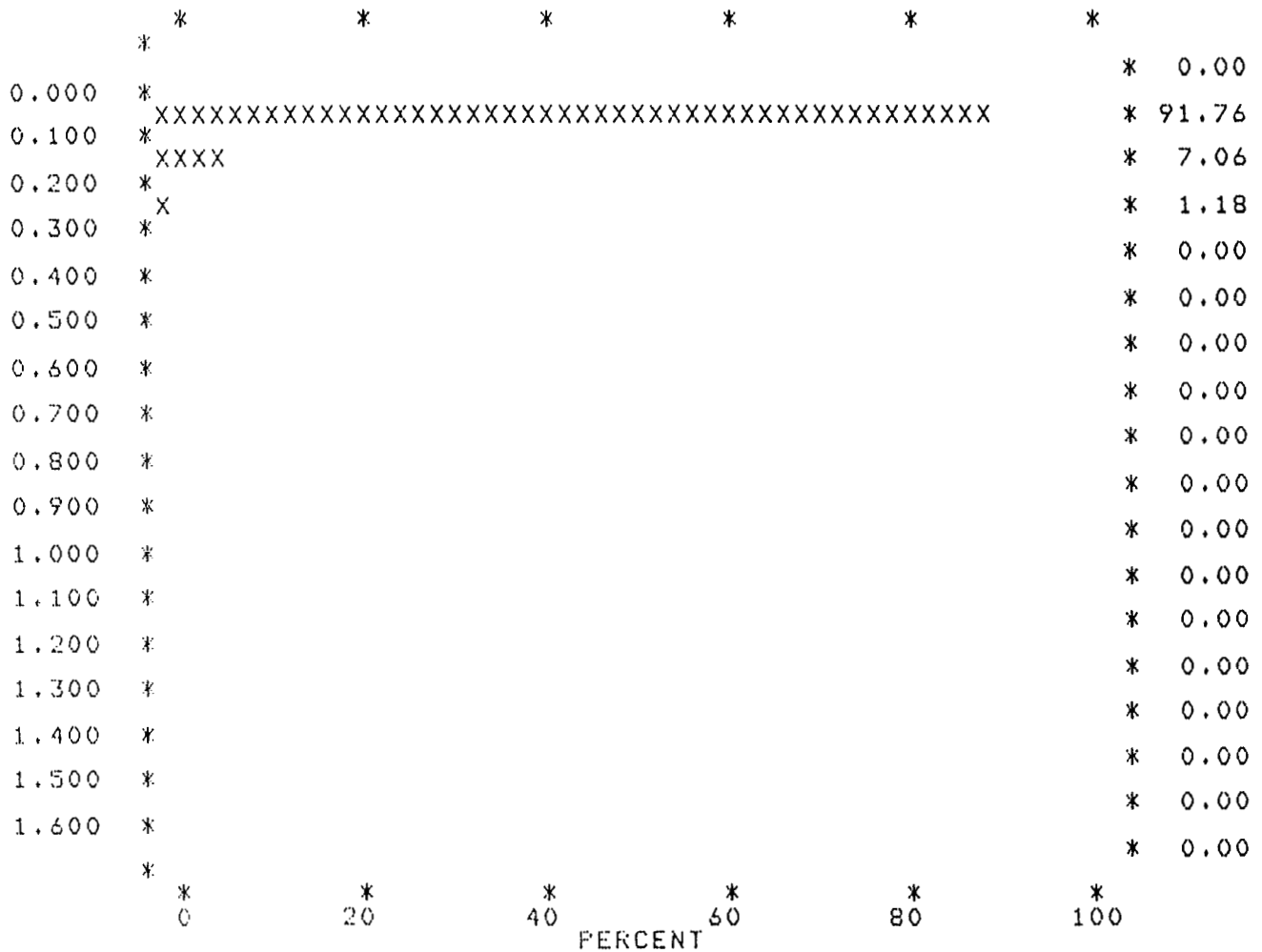
USERS HISTOGRAM OF ZINC : VALUES IN PPM



NUMBER OF SAMPLES	=	393
MEAN	=	69.621
VARIANCE	=	1157.511
STANDARD DEVIATION	=	34.022
SKEW	=	1.148
KURTOSIS	=	3.527
CHI SQUARE	=	142.19
DEGREES OF FREEDOM	=	15

PRO CLAIMS - NORTH

USERS HISTOGRAM OF SILVER : VALUES IN PPM

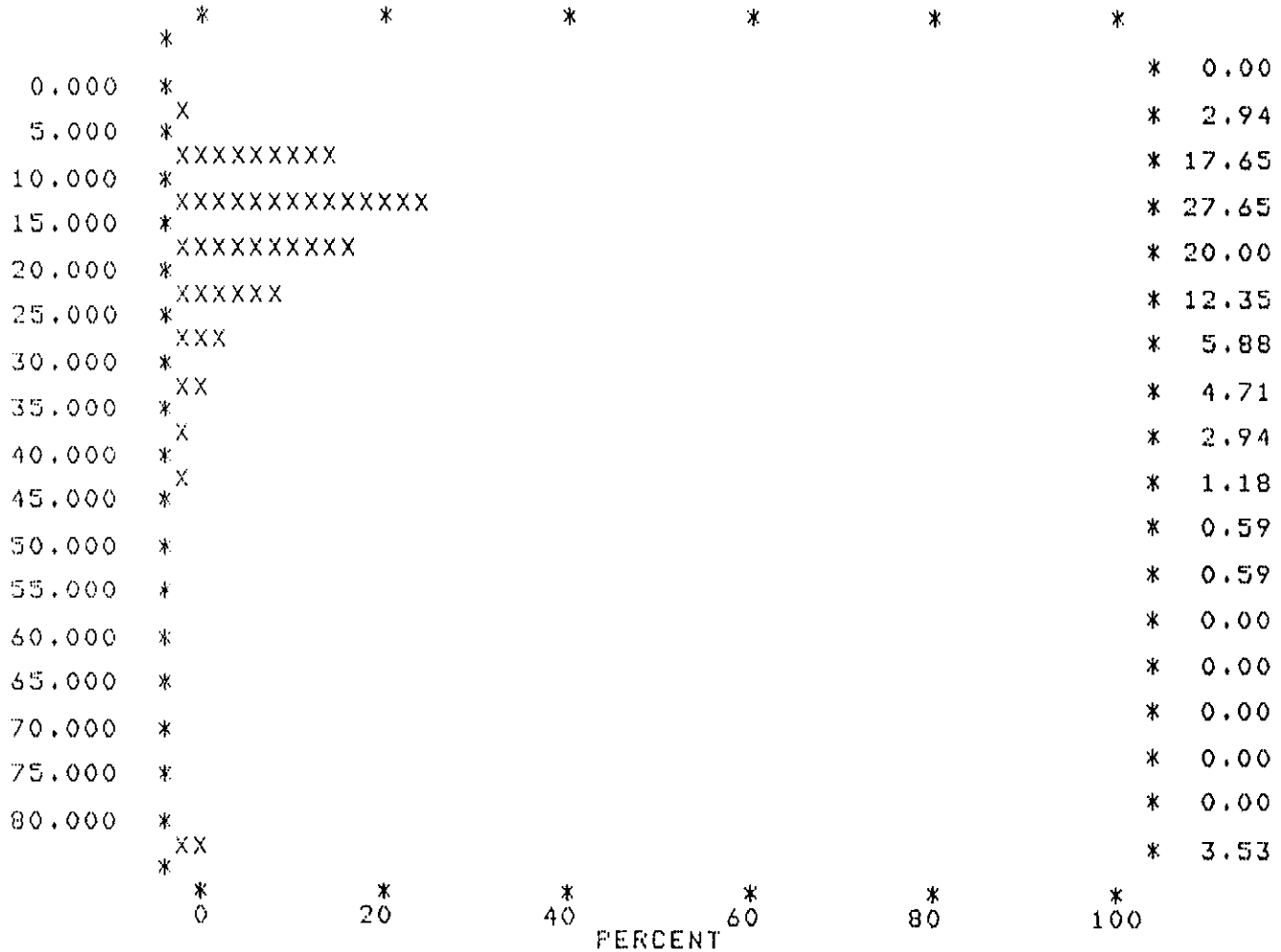


NUMBER OF SAMPLES	=	170
MEAN	=	0.021
VARIANCE	=	0.004
STANDARD DEVIATION	=	0.062
SKEW	=	2.839
KURTOSIS	=	6.981
CHI SQUARE	=	121.31
DEGREES OF FREEDOM	=	15

PRO CLAIMS - SOUTH

YOUR DATA PLOTS INTO HALF THE AVAILABLE DIVISIONS AND WILL BE REGROUPED BY THE PROGRAM

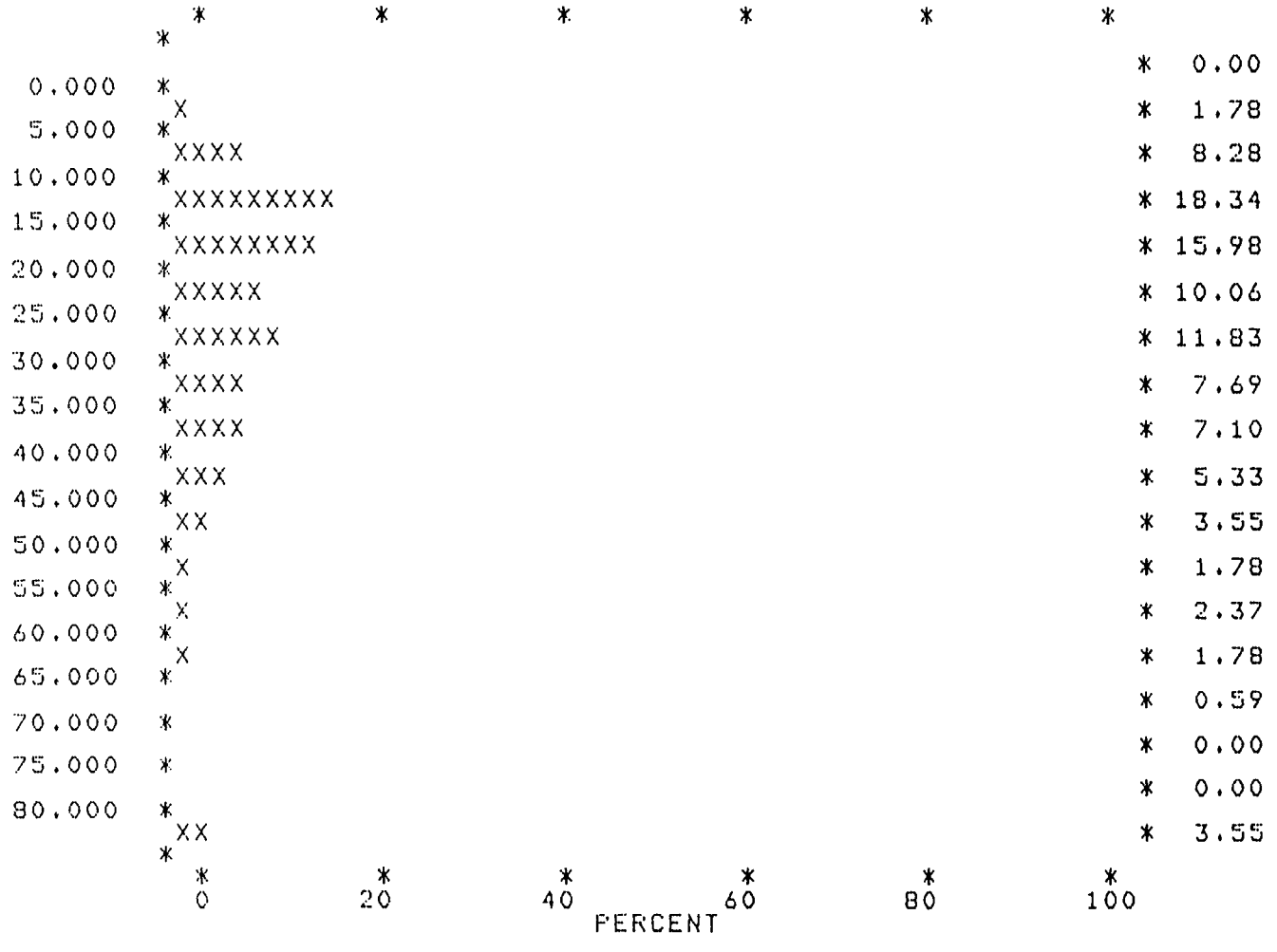
USERS HISTOGRAM OF COPPER : VALUES IN PPM



NUMBER OF SAMPLES	=	170
MEAN	=	20.647
VARIANCE	=	362.585
STANDARD DEVIATION	=	19.042
SKEW	=	4.450
KURTOSIS	=	27.218
CHI SQUARE	=	516.39
DEGREES OF FREEDOM	=	15

PRO CLAIMS - SOUTH

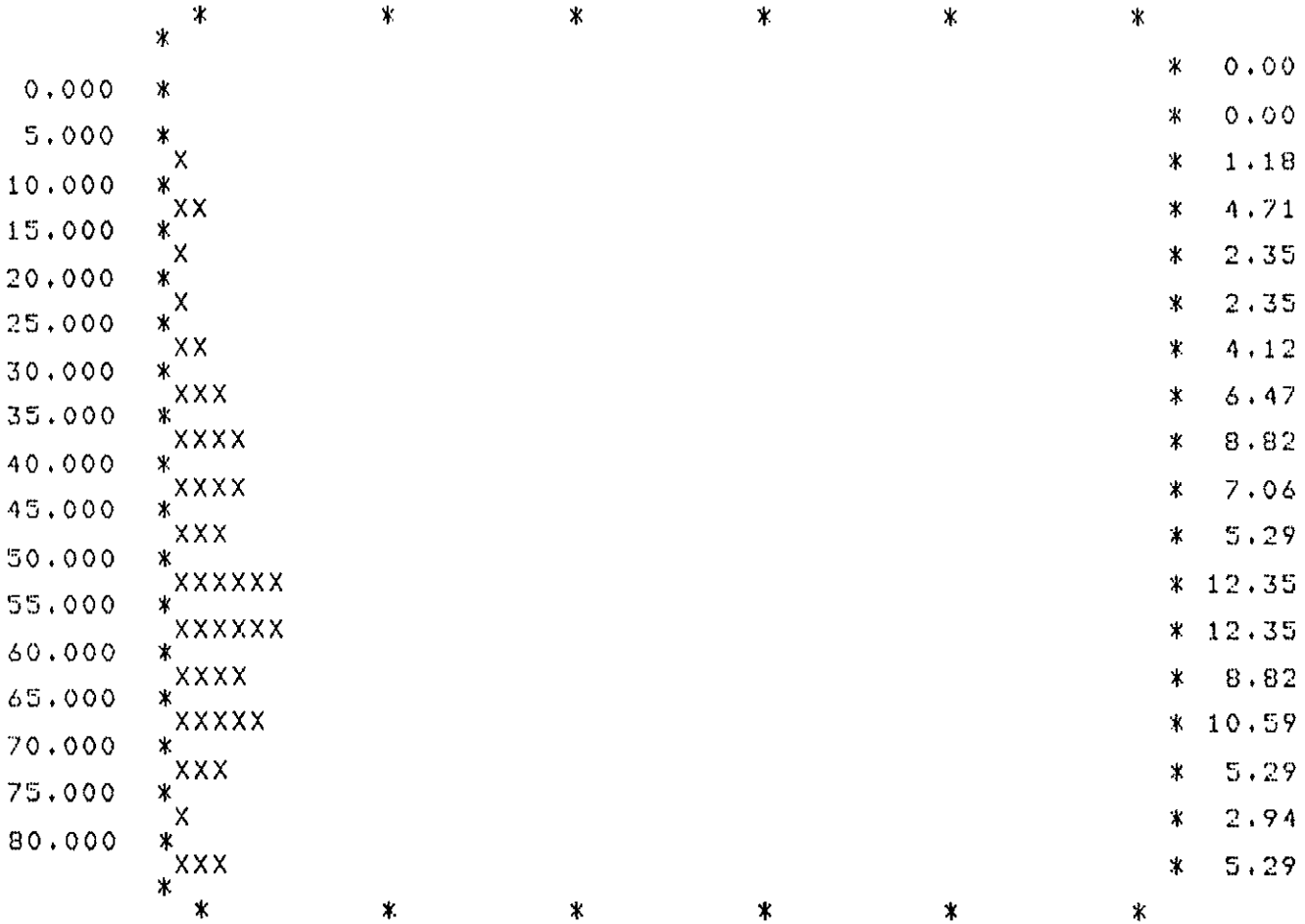
USERS HISTOGRAM OF LEAD : VALUES IN PPM



NUMBER OF SAMPLES	=	169
MEAN	=	29.355
VARIANCE	=	674.004
STANDARD DEVIATION	=	25.962
SKEW	=	3.952
KURTOSIS	=	22.582
CHI SQUARE	=	105.95
DEGREES OF FREEDOM	=	15

PRO CLAIMS - SOUTH

USERS HISTOGRAM OF ZINC : VALUES IN PPM



NUMBER OF SAMPLES	=	170
MEAN	=	51.376
VARIANCE	=	381.112
STANDARD DEVIATION	=	19.522
SKEW	=	-0.126
KURTOSIS	=	-0.212
CHI SQUARE	=	28.85
DEGREES OF FREEDOM	=	15

PRO CLAIMS - SOUTH

USERS HISTOGRAM OF SILVER : VALUES IN PPM

```
           *         *         *         *         *         *
         *
                                                                  *  0.00
 0.000   *
          XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX   * 93.83
 0.100   *
          XX                                                      *  4.47
 0.200   *
          X                                                       *  1.15
 0.300   *
                                                                  *  0.47
 0.400   *
                                                                  *  0.00
 0.500   *
                                                                  *  0.00
 0.600   *
                                                                  *  0.00
 0.700   *
                                                                  *  0.00
 0.800   *
                                                                  *  0.00
 0.900   *
                                                                  *  0.00
 1.000   *
                                                                  *  0.00
 1.100   *
                                                                  *  0.00
 1.200   *
                                                                  *  0.00
 1.300   *
                                                                  *  0.07
 1.400   *
                                                                  *  0.00
 1.500   *
                                                                  *  0.00
 1.600   *
                                                                  *  0.00
         *
           *         *         *         *         *         *
           0         20        40        60        80        100
                                    PERCENT
```

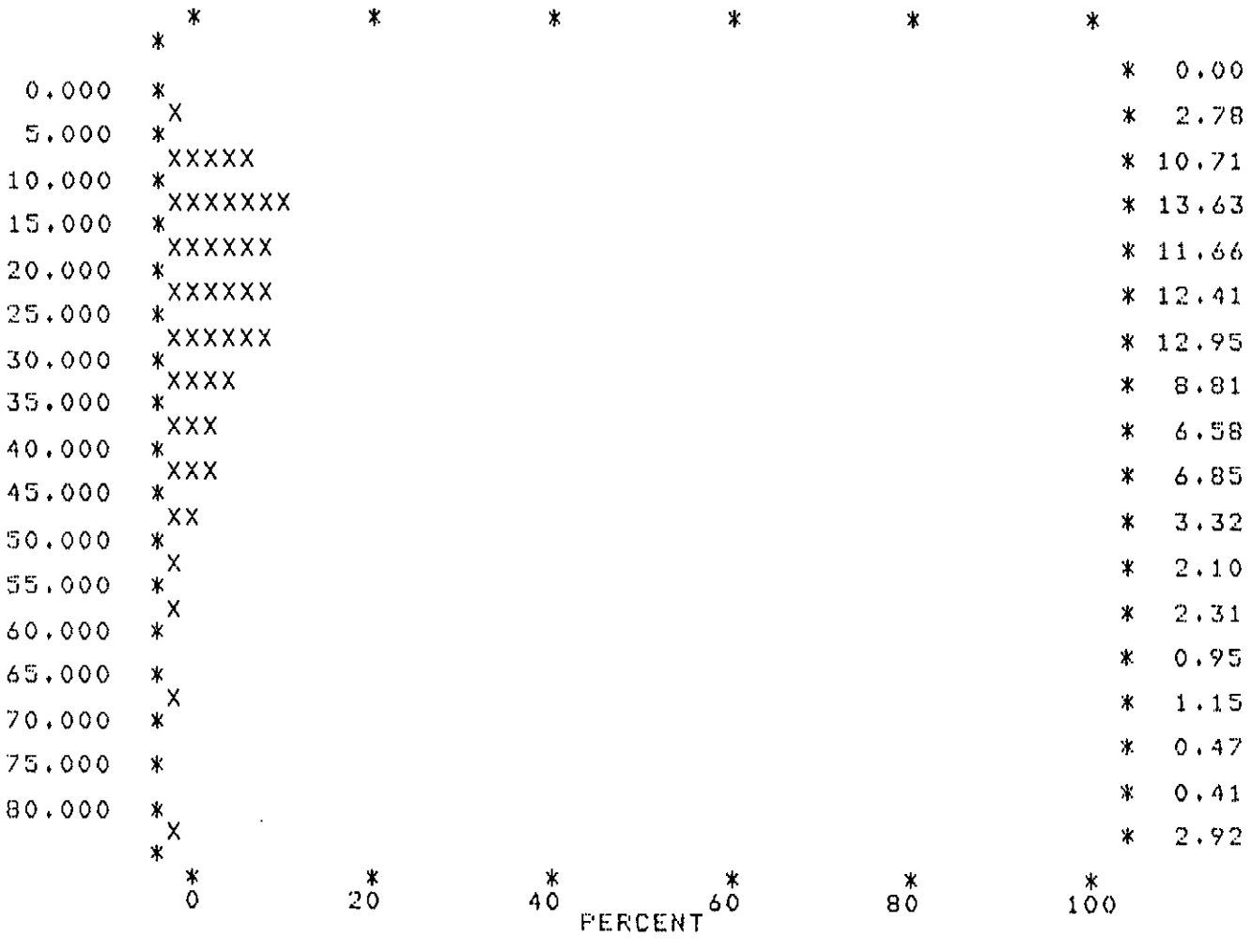
```
NUMBER OF SAMPLES      =  1475
MEAN                   =     0.025
VARIANCE               =     0.005
STANDARD DEVIATION     =     0.072
SKEW                   =     6.631
KURTOSIS               =    92.400

CHI SQUARE             = 12489.24
DEGREES OF FREEDOM     =    15
```

WARREN CREEK

YOUR DATA PLOTS INTO HALF THE AVAILABLE DIVISIONS AND WILL BE REGROUPED BY THE PROGRAM

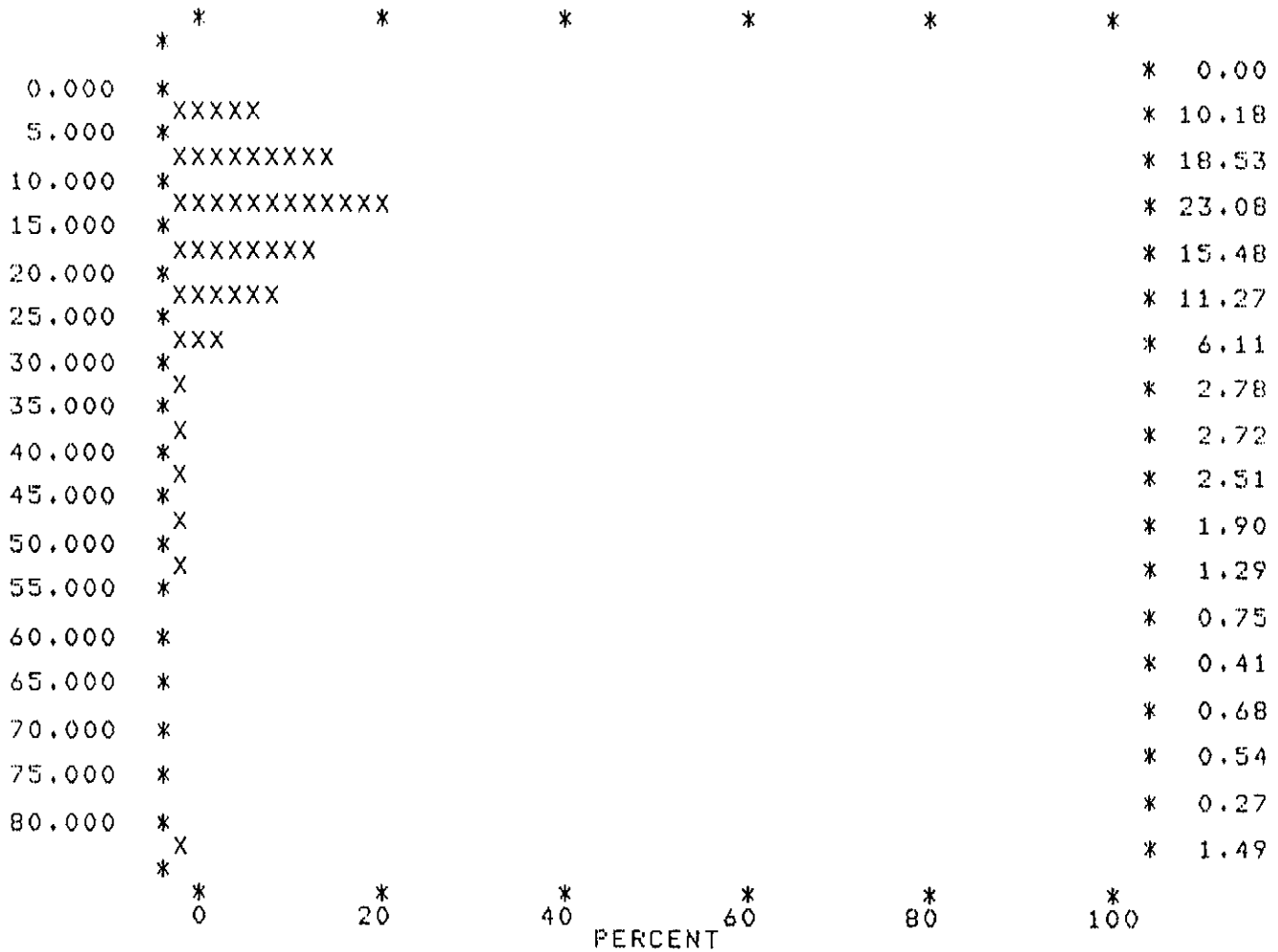
USERS HISTOGRAM OF COPPER : VALUES IN PPM



NUMBER OF SAMPLES	=	1475
MEAN	=	30.579
VARIANCE	=	1642.670
STANDARD DEVIATION	=	40.530
SKEW	=	17.790
KURTOSIS	=	476.427
CHI SQUARE	=	1217.61
DEGREES OF FREEDOM	=	15

WARREN CREEK

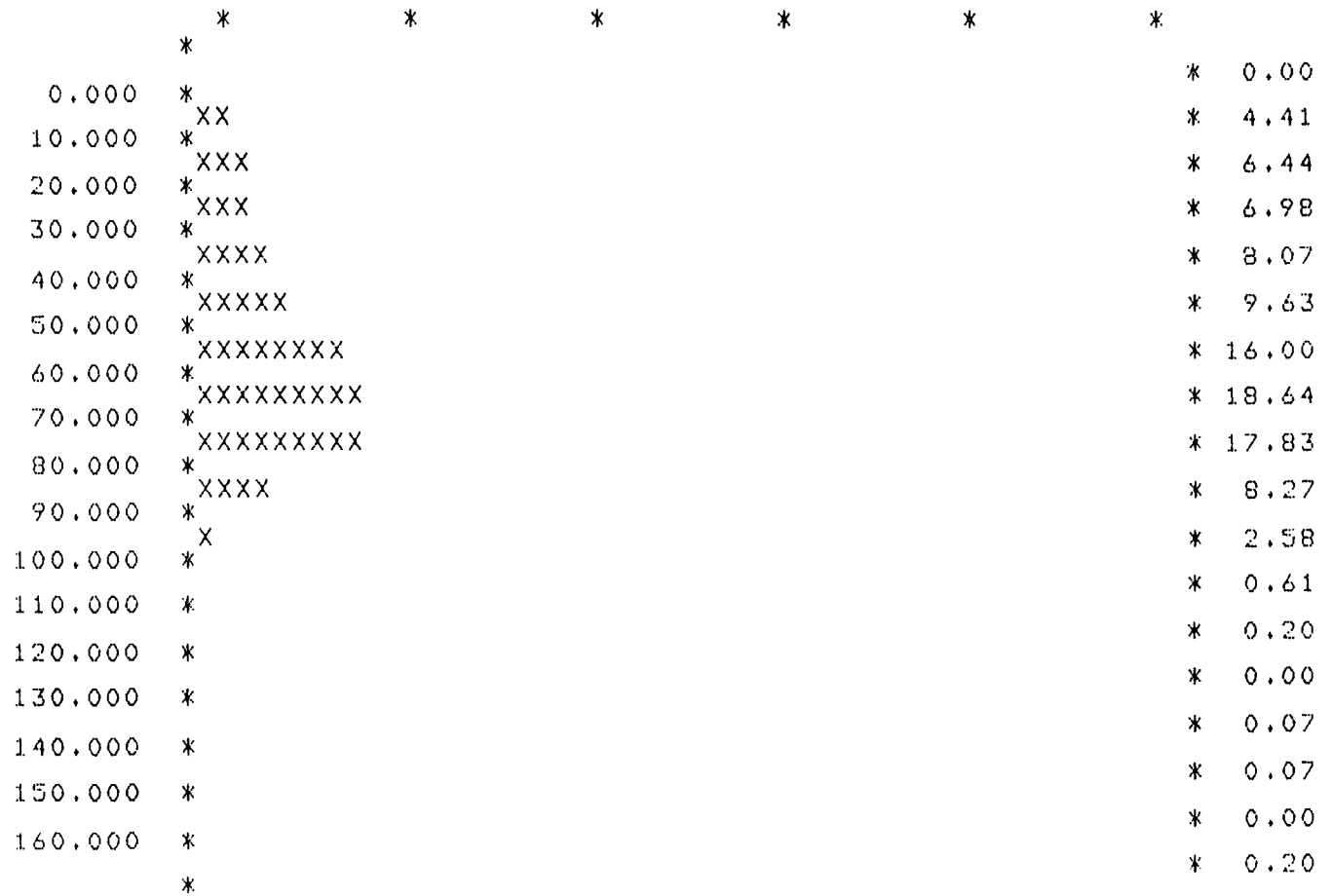
USERS HISTOGRAM OF LEAD : VALUES IN PPM



NUMBER OF SAMPLES	=	1473
MEAN	=	19.950
VARIANCE	=	336.058
STANDARD DEVIATION	=	18.332
SKEW	=	3.639
KURTOSIS	=	23.569
CHI SQUARE	=	1703.09
DEGREES OF FREEDOM	=	15

WARREN CREEK

USERS HISTOGRAM OF ZINC ; VALUES IN PPM



NUMBER OF SAMPLES	=	1475
MEAN	=	55.995
VARIANCE	=	645.831
STANDARD DEVIATION	=	25.413
SKEW	=	1.267
KURTOSIS	=	17.155
CHI SQUARE	=	593.05
DEGREES OF FREEDOM	=	15

WARREN CREEK

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

13/SEP/81
PAGE 1 OF 19
WORK ORDER # 222C-81

ALL DATA.
WARREN CREEK

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
00					
25N	<.1	<.01	28.	12.	91.
50N	<.1	<.01	29.	27.	94.
75N	<.1	<.01	24.	20.	86.
100N	<.1	<.01	47.	42.	108.
125N	<.1	.01	45.	82.	96.
150N	<.1	<.01	66.	72.	99.
175N	<.1	I S	56.	140.	112.
200N	<.1	<.01	57.	57.	90.
225N	<.1	<.01	42.	52.	107.
250N	<.1	<.01	36.	18.	98.
275N	<.1	.01	35.	20.	102.
280N	.1	.01	40.	24.	104.
300N	<.1	<.01	34.	30.	96.
325N	<.1	<.01	14.	12.	55.
350N	<.1	<.01	22.	6.	62.
375N	<.1	.02	15.	4.	48.
400N	<.1	<.01	37.	13.	80.
425N	<.1	.01	32.	12.	80.
450N	<.1	<.01	19.	7.	74.
475N	<.1	<.01	28.	14.	81.
500N	<.1	.01	21.	11.	87.
525N	M S	M S	M S	M S	M S
550N	<.1	<.01	29.	14.	91.
575N	<.1	<.01	21.	8.	84.
600N	<.1	<.01	27.	9.	91.
625N	M S	M S	M S	M S	M S
650N	<.1	<.01	54.	20.	43.
675N	<.1	.13	32.	13.	71.
700N	<.1	<.01	25.	10.	76.
725N	<.1	.03	21.	9.	75.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY
3750 - 19th ST. N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81
PAGE 2 OF 19
WORK ORDER # 222C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
00					
750N	<.1	<.01	42.	17.	73.
775N	<.1	.01	13.	9.	53.
800N	<.1	<.01	12.	16.	51.
825N	<.1	<.01	29.	9.	74.
850N	<.1	.01	18.	15.	64.
875N	<.1	.01	19.	9.	93.
900N	<.1	<.01	25.	11.	80.
300E					
0N	<.1	<.01	36.	33.	62.
25N	<.1	<.01	11.	8.	28.
50N	<.1	<.01	10.	7.	20.
75N	<.1	<.01	5.	7.	9.
100N	<.1	.01	50.	19.	74.
125N	<.1	<.01	25.	7.	50.
150N	<.1	<.01	36.	15.	57.
175N	<.1	<.01	27.	5.	53.
200N	<.1	<.01	11.	7.	12.
225N	<.1	<.01	42.	13.	66.
250N	<.1	.04	30.	11.	67.
275N	<.1	.03	100.	15.	63.
300N	<.1	.02	72.	21.	73.
325N	M S	M S	M S	M S	M S
335N	<.1	<.01	55.	13.	63.
350N	<.1	.04	10.	10.	24.
375N	<.1	.01	10.	10.	13.
400N	<.1	.01	12.	9.	28.
425N	<.1	.02	7.	3.	12.
450N	<.1	.03	16.	9.	43.
475N	<.1	.04	43.	10.	92.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81
PAGE 3 OF 19
WORK ORDER # 2220-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
300W					
25S	<.1	<.01	50.	44.	92.
50S	<.1	<.01	42.	47.	78.
75S	<.1	.01	33.	73.	88.
100S	<.1	<.01	40.	66.	106.
125S	<.1	<.01	27.	37.	106.
150S	1.4	<.01	26.	15.	86.
175S	<.1	<.01	26.	21.	82.
200S	<.1	.01	10.	10.	49.
225S	<.1	<.01	35.	14.	78.
250S	<.1	<.01	14.	11.	56.
275S	<.1	.01	15.	8.	39.
300S	<.1	<.01	21.	21.	71.
325S	<.1	.01	26.	16.	67.
350S	<.1	.01	24.	11.	85.
375S	<.1	.01	12.	6.	35.
400S	<.1	.05	27.	26.	64.
425S	<.1	.08	9.	12.	25.
450S	<.1	<.01	22.	22.	53.
475S	<.1	.01	22.	21.	51.
500S	<.1	.02	20.	16.	59.
525S	<.1	.01	19.	15.	67.
550S	<.1	.01	76.	16.	41.
575S	<.1	<.01	40.	15.	78.
600S	<.1	<.01	30.	15.	73.
625S	<.1	<.01	31.	14.	78.
650S	MS	MS	MS	MS	MS
675S	<.1	<.01	15.	16.	66.
700S	<.1	<.01	25.	16.	77.
725S	MS	MS	MS	MS	MS
750S	<.1	<.01	30.	17.	83.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81

WORK ORDER # 222C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
300W					
775S	<.1	<.01	30.	14.	80.
800S	<.1	.01	24.	17.	78.
825S	<.1	.01	18.	8.	77.
850S	<.1	.01	13.	11.	58.
875S	<.1	<.01	27.	10.	43.
900S	<.1	<.01	64.	22.	68.
907S	<.1	<.01	62.	32.	85.
925S	<.1	I S	8.	3.	11.
950S	<.1	.01	21.	18.	33.
975S	<.1	.01	25.	15.	57.
1000S	<.1	<.01	34.	25.	74.
1025S	<.1	.01	35.	20.	82.
1050S	<.1	<.01	43.	23.	80.
1075S	<.1	.01	39.	23.	76.
1100S	<.1	<.01	39.	18.	91.
1125S	<.1	<.01	40.	13.	81.
1150S	<.1	.02*	43.	19.	89.
1175S	<.1	<.01	29.	14.	83.
1200S	<.1	.01	14.	14.	42.
1225S	<.1	.02	25.	13.	45.
1250S	<.1	.02	20.	12.	52.
1275S	<.1	<.01	31.	11.	74.
1300S	<.1	.01	15.	15.	51.
1325S	<.1	.01	18.	14.	65.
1350S	<.1	.05	11.	9.	52.
1375S	<.1	.01	9.	7.	28.
1400S	<.1	.01	14.	12.	25.
1425S	<.1	.01	43.	17.	93.
1450S	<.1	.02	32.	19.	71.
1475S	<.1	<.01	52.	54.	81.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

15/SEP/81
PAGE 5 OF 19
WORK ORDER # 2220-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
300W					
1500S	<.1	I S	49.	62.	85.
1525S	<.1	.04	27.	22.	74.
1550S	M S	M S	M S	M S	M S
1575S	<.1	.01	14.	5.	25.
1600S	<.1	.02	6.	9.	20.
1625S	<.1	.02	35.	12.	67.
1650S	<.1	.01	21.	10.	38.
1675S	<.1	.02	31.	20.	83.
1700S	<.1	.01	9.	9.	15.
1725S	<.1	.01	24.	6.	50.
1750S	<.1	.01	43.	24.	70.
1775S	<.1	<.01	7.	6.	15.
1800S	<.1	.01	7.	5.	14.
1825S	<.1	.01	15.	11.	37.
1850S	<.1	.01	9.	10.	24.
1875S	<.1	<.01	20.	7.	57.
1900S	<.1	<.01	16.	10.	36.
1925S	<.1	<.01	13.	12.	36.
1950S	<.1	<.01	14.	8.	31.
1975S	<.1	<.01	17.	20.	40.
2000S	<.1	.01	4.	4.	5.
2025S	<.1	<.01	7.	6.	20.
2050S	<.1	.01	28.	5.	79.
2075S	<.1	<.01	16.	6.	39.
2075S	<.1	<.01	37.	29.	77.
2100S	<.1	<.01	33.	5.	73.
2125S	<.1	<.01	9.	13.	14.
2150S	<.1	<.01	34.	7.	68.
2175S	<.1	<.01	25.	14.	60.
2200S	<.1	<.01	8.	4.	13.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81

WORK ORDER # 2220-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
300W					
2225S	<.1	<.01	14.	9.	41.
2250S	<.1	.02	16.	14.	38.
2275S	<.1	.01	22.	12.	53.
2300S	<.1	<.01	33.	6.	51.
2325S	<.1	.11	16.	13.	35.
2350S	<.1	.03	20.	23.	44.
2375S	<.1	.01	15.	9.	25.
2400S	<.1	.01	48.	21.	79.
450W					
25S	<.1	.02	36.	43.	93.
50S	<.1	.05	23.	21.	54.
75S	<.1	.03	31.	19.	86.
100S	<.1	.02	28.	22.	73.
125S	<.1	.02	12.	8.	44.
150S	<.1	.01	34.	27.	76.
175S	<.1	.01	42.	40.	55.
200S	<.1	.01	26.	20.	34.
225S	<.1	<.01	26.	27.	78.
250S	<.1	.03	29.	20.	82.
275S	<.1	.04	29.	15.	75.
300S	<.1	.03	26.	15.	72.
325S	<.1	.02	21.	20.	76.
330S	<.1	.02	36.	37.	92.
375S	<.1	.02	41.	29.	70.
400S	<.1	.01	36.	61.	89.
425S	<.1	<.01	24.	19.	63.
450S	<.1	.01	46.	24.	98.
475S	<.1	.02	20.	18.	45.
500S	<.1	.02	22.	11.	56.
525S	<.1	.01	32.	12.	72.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

15/SEP/81

WORK ORDER # 222C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
450W					
550S	<.1	.01	30.	21.	54.
575S	<.1	.05	29.	18.	73.
600S	<.1	.01	25.	14.	65.
625S	<.1	.02	19.	12.	77.
650S	<.1	.6	18.	11.	86.
675S	<.1	.01	8.	2.	51.
700S	<.1	.01	31.	17.	90.
725S	<.1	.03	24.	15.	80.
750S	<.1	.02	36.	16.	78.
775S	<.1	.02	12.	15.	25.
800S	<.1	.01	15.	7.	40.
825S	<.1	.03	30.	19.	78.
835S	.1	.02	34.	24.	84.
850S	<.1	.01	20.	14.	70.
875S	<.1	<.01	30.	14.	79.
900S	<.1	<.01	4.	3.	7.
925S	<.1	<.01	8.	3.	18.
950S	<.1	.16	35.	12.	78.
975S	M S	M S	M S	M S	M S
1000S	<.1	<.01	36.	19.	74.
1010S	.1	<.01	37.	28.	75.
1025S	<.1	<.01	42.	23.	87.
1045S	.1	.01	35.	23.	89.
1050S	<.1	.01	22.	9.	73.
1075S	<.1	.02	30.	20.	78.
1100S	<.1	.03	10.	6.	74.
1125S	<.1	.03	35.	16.	80.
1150S	<.1	<.01	26.	17.	85.
1175S	.2	<.01	26.	11.	74.
1200S	.1	.01	37.	15.	84.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81

WORK ORDER # 222C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
450W					
1225S	.1	<.01	21.	10.	77.
1250S	<.1	.01	40.	13.	90.
1275S	<.1	.01	27.	14.	79.
1300S	<.1	<.01	19.	5.	53.
1325S	<.1	<.01	23.	11.	67.
1350S	<.1	.01	26.	13.	113.
1375S	<.1	.01	28.	14.	69.
1400S	<.1	.01	16.	10.	74.
1425S	<.1	.02	28.	13.	66.
1450S	<.1	.02	30.	14.	75.
1475S	<.1	.05	42.	22.	97.
1500S	<.1	.01	38.	23.	83.
1525S	<.1	<.01	32.	18.	91.
1550S	<.1	M S	25.	14.	83.
1575S	<.1	<.01	53.	18.	100.
1600S	<.1	.01	61.	26.	107.
1625S	.1	<.01	44.	22.	80.
1650S	.3	<.01	23.	18.	27.
1675S	<.1	<.01	49.	22.	81.
1700S	.1	<.01	9.	8.	29.
1725S	<.1	.01	18.	9.	35.
1750S	<.1	<.01	14.	15.	37.
1775S	<.1	.15	39.	18.	90.
1800S	<.1	<.01	28.	12.	50.
600W					
850S	.1	<.01	21.	16.	76.
875S	.1	<.01	23.	14.	74.
900S	M S	M S	M S	M S	M S
925S	.1	<.01	29.	18.	68.

*?=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81

WORK ORDER # 2220-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
600W					
950S	.4	.01	41.	26.	79.
975S	<.1	<.01	28.	19.	77.
1000S	.2	<.01	67.	33.	64.
1025S	.2	<.01	42.	25.	84.
1050S	.1	<.01	38.	24.	80.
1075S	.1	<.01	33.	21.	77.
1100S	.2	<.01	29.	20.	74.
1125S	.1	.28	8.	8.	17.
1150S	.3	<.01	3.	4.	6.
1175S	.4	.01	36.	14.	74.
1200S	.2	<.01	25.	13.	69.
1225S	M S	M S	M S	M S	M S
1250S	.2	<.01	5.	7.	9.
1275S	.1	.02	21.	13.	65.
1300S	.1	<.01	27.	17.	70.
1325S	.1	<.01	18.	15.	68.
1350S	.1	<.01	28.	17.	67.
1375S	<.1	<.01	32.	16.	71.
1400S	<.1	.02	29.	16.	71.
1425S	<.1	.01	25.	16.	72.
1450S	.1	.05	37.	15.	69.
1475S	.2	<.01	44.	26.	61.
1477S	.2	<.01	52.	27.	66.
1500S	<.1	.01	30.	17.	59.
1525S	.1	<.01	22.	18.	65.
1550S	.1	<.01	30.	24.	76.
1575S	<.1	.01	23.	14.	58.
1600S	<.1	<.01	17.	13.	48.
1725S	<.1	<.01	22.	14.	74.
1750S	<.1	<.01	18.	12.	57.

*F=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81

WORK ORDER # 222C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
600W					
1775S	<.1	.01	58.	17.	83.
1800S	<.1	<.01	32.	23.	84.
1825S	<.1	I S	66.	15.	52.
1850S	<.1	<.01	22.	17.	39.
1875S	.1	<.01	32.	32.	86.
1900S	.1	.01	43.	11.	63.
1925S	.2	.01	15.	11.	41.
1950S	.2	<.01	8.	8.	11.
1975S	<.1	.01	14.	8.	33.
2000S	<.1	.01	19.	9.	45.
2025S	<.1	<.01	35.	37.	83.
2050S	.1	<.01	19.	15.	38.
2075S	<.1	<.01	26.	18.	86.
2100S	<.1	<.01	29.	8.	64.
2125S	<.1	.01	30.	23.	67.
2150S	<.1	..01	50.	20.	65.
2175S	.1	.01	37.	18.	87.
2200S	.1	.01	40.	11.	88.
2225S	<.1	.02	28.	11.	85.
2250S	<.1	<.01	41.	14.	88.
2275S	<.1	<.01	27.	13.	72.
2300S	<.1	.01	34.	35.	73.
2325S	<.1	.01	12.	5.	31.
2350S	<.1	.02	40.	15.	100.
2375S	<.1	<.01	7.	10.	22.
2400S	<.1	<.01	8.	5.	33.
625W					
1605S	<.1	.01	40.	22.	80.
1645S	.1	.01	48.	17.	74.
1650S	<.1	.01	29.	16.	75.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81

WORK ORDER # 2220-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
625W					
1675S	<.1	<.01	16.	10.	44.
1700S	<.1	<.01	35.	20.	81.
750S					
1915S	<.1	<.01	37.	24.	71.
750W					
0N	<.1	.01	8.	20.	32.
25N	<.1	.01	9.	10.	32.
25S	.1	.01	10.	10.	54.
50N	<.1	<.01	17.	23.	55.
50S	.3	.01	50.	73.	80.
75N	<.1	.01	18.	12.	37.
75S	.1	<.01	13.	12.	36.
100N	<.1	.01	23.	22.	73.
100S	.2	<.01	19.	11.	43.
125N	<.1	.04	45.	23.	90.
125S	<.1	<.01	29.	51.	63.
150N	<.1	.02	57.	33.	85.
150S	<.1	<.01	15.	18.	51.
175N	<.1	.01	78.	50.	88.
175S	.1	<.01	22.	23.	68.
183N	<.1	I S	48.	38.	105.
200N	<.1	<.01	44.	45.	85.
200S	M S	M S	M S	M S	M S
225N	.2	<.01	56.	58.	83.
225S	.1	<.01	48.	15.	54.
250N	<.1	.01	30.	31.	68.
250S	.1	<.01	45.	24.	59.
275N	.1	.02	11.	9.	26.
275S	<.1	<.01	8.	9.	44.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81
PAGE 12 OF 19
WORK ORDER # 2220-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
750W					
300N	.3	.03	8.	21.	18.
300S	.1	<.01	22.	12.	71.
325N	.2	.02	27.	15.	60.
325S	<.1	<.01	47.	30.	92.
350N	.1	.01	32.	28.	74.
350S	<.1	<.01	39.	46.	91.
375N	.1	.01	21.	19.	72.
375S	.1	.01	24.	19.	68.
400N	<.1	<.01	23.	20.	78.
400S	<.1	<.01	37.	17.	87.
425N	<.1	<.01	55.	29.	96.
425S	.2	<.01	10.	11.	28.
450N	<.1	.02	18.	18.	53.
450S	.4	.01	14.	8.	47.
475N	.2	.01	34.	24.	77.
475S	.2	<.01	43.	14.	61.
500N	<.1	<.01	25.	25.	70.
500S	<.1	.01	33.	21.	45.
525N	<.1	.1	38.	22.	84.
525S	<.1	<.01	58.	26.	66.
547N	<.1	<.01	60.	50.	108.
550N	.1	.3	60.	49.	90.
550S	.1	<.01	33.	21.	67.
575N	.1	.04	46.	57.	79.
575S	<.1	<.01	40.	15.	60.
580S	.1	<.01	33.	17.	60.
600N	.1	.02	22.	13.	82.
600S	M S	M S	M S	M S	M S
625N	.1	.03	29.	23.	81.
625S	<.1	.01	43.	16.	72.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY
3750 - 19th ST. N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81
PAGE 13 OF 19
WORK ORDER # 2220-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
750W					
650N	<.1	.01	42.	18.	80.
650S	<.1	<.01	32.	14.	73.
675N	.1	<.01	25.	19.	59.
675S	.2	<.01	22.	14.	67.
700N	.2	<.01	17.	16.	64.
700S	.2	<.01	23.	13.	77.
725N	.1	<.01	26.	25.	86.
725S	.1	<.01	20.	10.	55.
750N	.1	.01	47.	30.	89.
750S	.1	<.01	34.	19.	81.
758N	<.1	<.01	41.	27.	99.
775N	.1	.01	29.	28.	75.
775S	.1	<.01	25.	13.	66.
800N	.1	.03	32.	39.	81.
800S	.2	<.01	43.	25.	87.
825N	.1	.02	32.	20.	87.
825S	.4	.01	24.	10.	69.
850N	.1	.02	33.	21.	95.
850S	.2	<.01	26.	11.	76.
860S	<.1	.02	27.	17.	74.
875N	.2	.01	29.	18.	77.
875S	.1	<.01	28.	23.	72.
900N	.1	.5	48.	12.	97.
900S	.1	.01	21.	6.	67.
925S	.1	.02	25.	10.	78.
950S	.1	.01	28.	11.	80.
975S	<.1	<.01	28.	10.	84.
1000S	.1	<.01	32.	11.	84.
1025S	.1	.01	29.	14.	78.
1050S	<.1	<.01	47.	23.	81.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81
PAGE 14 OF 15
WORK ORDER # 3220-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
750W					
1075S	.2	.01	41.	21.	79.
1090S	.1	<.01	39.	29.	88.
1100S	.2	<.01	42.	24.	88.
1125S	.2	.34	52.	23.	82.
1150S	.1	.01	28.	17.	51.
1175S	.2	<.01	21.	10.	60.
1200S	.1	.02	26.	15.	70.
1225S	M S	M S	M S	M S	M S
1250S	M S	M S	M S	M S	M S
1275S	.2	<.01	28.	12.	57.
1300S	<.1	.01	18.	7.	62.
1325S	<.1	<.01	15.	8.	57.
1350S	.4	<.01	20.	8.	58.
1375S	.3	<.01	19.	10.	65.
1400S	<.1	.01	22.	15.	64.
1425S	M S	M S	M S	M S	M S
1450S	.1	<.01	17.	9.	58.
1475S	.2	.01	9.	10.	33.
1500S	.2	<.01	30.	16.	69.
1525S	.2	.01	12.	9.	31.
1550S	<.1	<.01	27.	15.	61.
1575S	.1	.01	30.	16.	64.
1600S	.2	<.01	22.	14.	54.
1625S	<.1	<.01	15.	14.	55.
1650S	<.1	<.01	16.	15.	38.
1675S	<.1	<.01	11.	13.	39.
1700S	.1	<.01	29.	12.	72.
1725S	M S	M S	M S	M S	M S
1750S	.1	<.01	23.	14.	60.
1775S	.2	.01	38.	14.	33.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81

WORK ORDER # 2220-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
750W					
1800S	.1	<.01	8.	3.	34.
1825S	<.1	<.01	21.	11.	55.
1825S	<.1	<.01	46.	22.	85.
1836S	<.1	.02	40.	19.	77.
1843S	<.1	.01	54.	20.	88.
1850S	.3	.05	44.	20.	79.
1875S	.1	.02	57.	27.	85.
1900S	<.1	<.01	27.	18.	55.
1925S	M S	M S	M S	M S	M S
1950S	.1	.01	15.	7.	18.
1975S	M S	M S	M S	M S	M S
2000S	.1	<.01	2.	2.	5.
2025S	.1	<.01	9.	3.	18.
2047S	<.1	<.01	33.	27.	80.
2050S	.1	<.01	31.	24.	82.
2075S	.2	.07	18.	21.	64.
2100S	.3	<.01	24.	18.	66.
2125S	<.1	<.01	23.	16.	65.
2150S	.1	.01	10.	6.	30.
2175S	M S	M S	M S	M S	M S
2200S	.1	<.01	16.	15.	31.
800S(B)	<.1	<.01	37.	25.	89.
1275S(B)	.1	<.01	9.	7.	12.
900W					
1125S	.1	<.01	17.	10.	67.
1200S	<.1	<.01	21.	20.	43.
1225S	<.1	<.01	23.	17.	73.
1250S	<.1	<.01	31.	15.	75.
1275S	<.1	<.01	33.	16.	70.
1300S	<.1	<.01	15.	11.	78.

*F=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81

WORK ORDER # 222C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
900W					
1325S	<.1	.01	28.	15.	60.
1350S	<.1	.09	13.	11.	47.
1375S	<.1	<.01	13.	6.	55.
1400S	<.1	.12	19.	7.	60.
1425S	M S	M S	M S	M S	M S
1450S	<.1	<.01	15.	4.	56.
1475S	.1	<.01	16.	11.	61.
1500S	<.1	<.01	32.	9.	75.
1525S	<.1	.01	43.	19.	70.
1550S	<.1	<.01	38.	10.	63.
1575S	<.1	.01	30.	16.	84.
1600S	<.1	<.01	27.	11.	68.
1625S	<.1	.01	19.	10.	55.
1650S	.1	<.01	20.	14.	70.
1675S	<.1	<.01	26.	13.	63.
1700S	<.1	<.01	18.	12.	54.
1711S	<.1	<.01	26.	9.	65.
1725S	<.1	.02	36.	22.	90.
1750S	<.1	.02	13.	12.	51.
1775S	<.1	<.01	13.	6.	41.
1800S	.2	.01	3.	6.	8.
1825S	.1	<.01	41.	22.	81.
1850S	.1	<.01	69.	23.	93.
1875S	M S	M S	M S	M S	M S
1900S	.1	<.01	39.	22.	74.
1925S	M S	M S	M S	M S	M S
1936S	<.1	<.01	35.	27.	69.
1950S	.1	<.01	44.	21.	89.
1975S	<.1	<.01	39.	23.	79.
2000S	.1	.01	22.	12.	25.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81

WORK ORDER # 332C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
900W					
2025S	<.1	<.01	6.	5.	7.
2050S	<.1	<.01	60.	26.	98.
2075S	<.1	<.01	30.	18.	72.
2100S	<.1	.16	22.	10.	27.
2125S	<.1	.01	45.	33.	91.
2150S	.1	.01	33.	21.	82.
1936S(B)	<.1	<.01	45.	26.	78.
1050S					
1955S	.1	<.01	40.	28.	81.
1966S	<.1	<.01	42.	30.	85.
1050W					
1200S	<.1	.02	32.	14.	81.
1225S	.1	.62	27.	11.	65.
1235S	<.1	<.01	40.	18.	66.
1250S	<.1	<.01	26.	18.	75.
1275S	<.1	<.01	12.	4.	64.
1300S	<.1	.01	13.	15.	16.
1325S	.1	<.01	18.	18.	28.
1350S	.1	<.01	41.	19.	78.
1375S	<.1	<.01	32.	11.	73.
1400S	.1	<.01	15.	4.	52.
1425S	.1	.02	21.	15.	71.
1450S	.1	<.01	29.	10.	60.
1475S	.2	<.01	48.	12.	68.
1500S	.1	<.01	38.	15.	71.
1525S	M S	M S	M S	M S	M S
1542S	<.1	<.01	61.	20.	63.
1550S	<.1	<.01	56.	23.	71.
1575S	<.1	.01	28.	15.	68.
1600S	.1	.02	26.	16.	62.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS LABORATORY
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81

WORK ORDER # 2220-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
1050W					
1625S	.1	.18	24.	14.	66.
1650S	.1	.02	24.	14.	64.
1675S	.1	.01	26.	30.	80.
1700S	<.1	.01	25.	22.	83.
1725S	<.1	<.01	39.	21.	88.
1750S	.1	<.01	12.	11.	35.
1775S	.1	.01	48.	26.	81.
1800S	<.1	.01	29.	17.	63.
1825S	<.1	<.01	9.	10.	26.
1850S	<.1	.01	25.	16.	69.
1875S	.1	<.01	44.	25.	63.
1900S	.1	<.01	28.	18.	54.
1925S	.1	<.01	48.	23.	79.
1950S	.2	.02	41.	26.	85.
1975S	.1	<.01	44.	18.	90.
2000S	.2	<.01	26.	13.	51.
2025S	<.1	.02	33.	18.	68.
2050S	.1	.02	8.	12.	8.
2075S	.1	<.01	9.	11.	23.
2100S	<.1	.01	27.	16.	59.
2125S	<.1	<.01	50.	34.	66.
2150S	<.1	.02	8.	19.	24.
2175S	<.1	<.01	67.	29.	61.
2200S	.1	.02	130.	40.	115.
2225S	.1	<.01	140.	27.	93.
2250S	.1	.02	15.	14.	51.
2275S	<.1	.01	37.	31.	74.
2275S	<.1	<.01	37.	33.	83.
2400S	<.1	.01	9.	13.	32.
2425S	.1	<.01	25.	15.	61.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

15/SEP/81

WORK ORDER # 222C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
1050W					
2450S	<.1	<.01	14.	13.	50.
2475S	<.1	<.01	19.	13.	12.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

09/OCT/81

WORK ORDER # 334C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	CU PPM	PB PPM	ZN PPM
408				
0E	<.1	56.	45.	84.
25E	<.1	36.	32.	75.
50E	<.1	50.	54.	92.
75E	<.1	55.	53.	105.
100E	<.1	72.	185.	98.
125E	<.1	46.	47.	91.
150E	<.1	48.	51.	135.
175E	<.1	52.	60.	108.
200E	<.1	44.	35.	96.
225E	<.1	44.	34.	87.
250E	<.1	50.	33.	89.
275E	<.1	55.	33.	92.
300E	<.1	61.	35.	100.
325E	<.1	77.	75.	83.
350E	<.1	110.	160.	100.
406				
0NW	<.1	11.	16.	55.
50NW	<.1	30.	11.	42.
100NW	<.1	9.	18.	18.
150NW	<.1	5.	12.	8.
0SE	M S	M S	M S	M S
50SE	<.1	11.	11.	53.
100SE	<.1	22.	20.	120.
150SE	<.1	43.	30.	76.
200SE	<.1	14.	22.	37.
407				
250SE	<.1	27.	22.	70.
300SE	<.1	16.	34.	67.
350SE	<.1	16.	23.	70.
400SE	<.1	32.	10.	69.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

09/OCT/81

WORK ORDER # 334C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	CU PPM	PB PPM	ZN PPM
407				
450SE	<.1	40.	32.	77.
500SE	<.1	11.	16.	46.
550SE	<.1	36.	24.	76.
600SE	<.1	28.	13.	45.
650SE	<.1	16.	14.	40.
700SE(A)	<.1	12.	11.	16.
700SE(B)	<.1	21.	35.	60.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

11/AUG/81
PAGE 1 OF 7
WORK ORDER # 191C-81

ALL DATA
PRO CLAIMS - NORTH.

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM
00E				
NORTH PRO				
0N	<.1	31.	15.	52.
✓ 50N	<.1	17.	53.	223.
✓ 50S	<.1	36.	10.	60.
✓ 100N	<.1	18.	23.	62.
✓ 100S	<.1	30.	12.	51.
✓ 150N	<.1	7.	16.	36.
✓ 200N	<.1	35.	31.	97.
✓ 200S	<.1	35.	25.	52.
✓ 250N	<.1	39.	21.	83.
✓ 300N	<.1	37.	57.	94.
✓ 350N	<.1	41.	39.	91.
✓ 400N	<.1	14.	26.	61.
✓ 450N	<.1	19.	34.	75.
✓ 500N	<.1	11.	17.	40.
✓ 550N	<.1	15.	27.	50.
✓ 600N	<.1	18.	30.	63.
✓ 700N	<.1	21.	29.	64.
850N	<.1	17.	45.	150.
1000N	<.1	27.	21.	74.
✓ 1100N	<.1	19.	52.	80.
150E				
NORTH PRO.				
0N	<.1	16.	22.	68.
✓ 50N	<.1	29.	18.	66.
✓ 100N	<.1	4.	3.	13.
✓ 150N	<.1	13.	10.	36.
✓ 200N	<.1	7.	5.	29.
✓ 250N	<.1	82.	80.	53.
✓ 300N	<.1	9.	27.	66.
350N	<.1	13.	14.	73.
✓ 400N	.1	9.	75.	43.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

11/AUG/81
PAGE 2 OF 7
WORK ORDER # 1910-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM
150E NORTH FLD.				
450N	.1	23.	27.	65.
500N	<.1	20.	12.	52.
550N	<.1	6.	8.	86.
600N	<.1	17.	22.	66.
625N	.1	4.	17.	15.
650N	<.1	12.	3.	73.
675N	<.1	4.	N D	79.
700N	<.1	10.	3.	34.
725N	<.1	13.	4.	74.
750N	<.1	100.	36.	87.
770N	<.1	16.	16.	71.
150W NORTH FLD				
50S	<.1	59.	32.	77.
100S	<.1	48.	20.	61.
200N	<.1	22.	33.	61.
250N	<.1	4.	6.	19.
300N	<.1	13.	19.	36.
350N	<.1	59.	30.	90.
400N	<.1	42.	12.	81.
500N	<.1	41.	79.	130.
550N	.1	44.	53.	93.
600N	<.1	45.	65.	93.
650N	<.1	25.	35.	68.
700N	<.1	17.	24.	66.
800N	<.1	24.	25.	72.
850N	<.1	24.	24.	68.
900N	<.1	8.	11.	58.
1000N	<.1	13.	12.	41.
1050N	M S	M S	M S	M S
1100N	<.1	22.	26.	74.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

11/AUG/81

WORK ORDER : 1910-81

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM
150W NORTH LINE				
1150N	<.1	42.	22.	79.
1200N	<.1	23.	21.	61.
1250N	<.1	55.	62.	90.
1300N	<.1	37.	127.	79.
300E NORTH LINE				
0N	<.1	18.	17.	66.
25N	.1	6.	5.	26.
50N	.1	53.	31.	57.
75N	<.1	16.	36.	83.
100N	.2	18.	34.	68.
125N	<.1	19.	56.	96.
150N	<.1	13.	12.	47.
175N	<.1	3.	3.	11.
200N	<.1	9.	6.	17.
225N	<.1	25.	7.	61.
250N	.2	3.	5.	3.
275N	.2	19.	15.	56.
300N	.5	19.	49.	71.
325N	.2	12.	59.	50.
350N	.2	22.	12.	59.
375N	.8	17.	23.	55.
400N	<.1	10.	12.	35.
300W NORTH LINE				
750N	<.1	43.	43.	120.
775N	<.1	40.	110.	125.
800N	.1	34.	30.	62.
825N	<.1	23.	20.	68.
850N	<.1	19.	19.	62.
875N	<.1	15.	13.	60.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY.
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

11/AUG/81
PAGE 4 OF 7
WORK ORDER # 1910-81

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM
300W North Pro.				
✓900N	.1	25.	22.	67.
✓925N	<.1	49.	36.	92.
✓1000N	<.1	26.	17.	58.
✓1100N	<.1	21.	19.	54.
✓1125N	<.1	21.	19.	54.
✓1150N	<.1	29.	24.	68.
✓1175N	<.1	25.	18.	60.
✓1200N	<.1	27.	10.	68.
1225N	M S	M S	M S	M S
✓1250N	<.1	39.	14.	86.
450E North Pro.				
0N	<.1	16.	15.	49.
✓25N	<.1	15.	29.	49.
✓25S	<.1	21.	13.	75.
✓50N	<.1	4.	11.	27.
✓50S	<.1	5.	9.	31.
✓75N	<.1	10.	26.	20.
✓75S	<.1	15.	16.	69.
✓100N	<.1	3.	20.	15.
✓100S	<.1	12.	12.	63.
✓125N	.2	16.	16.	35.
✓125S	<.1	9.	16.	37.
✓150N	.2	26.	20.	64.
✓150S	<.1	19.	14.	58.
✓175N	<.1	21.	20.	68.
✓175S	<.1	52.	18.	83.
✓200N	<.1	21.	21.	63.
✓200S	<.1	7.	6.	14.
✓225N	.1	26.	11.	60.
✓225S	<.1	19.	18.	48.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

11/AUG/81

WORK ORDER # 1910-81

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM	
450E NORTH PEG.					
250N	<.1	9.	13.	49.	
250S	<.1	21.	27.	54.	
275N	<.1	11.	19.	41.	
275S	<.1	45.	25.	79.	
300N	<.1	7.	10.	38.	
325N	<.1	8.	14.	50.	
350N	<.1	10.	13.	46.	
375N	<.1	18.	14.	51.	
400N	.1	39.	32.	61.	
425N	<.1	18.	31.	61.	
450N	<.1	3.	9.	5.	
475N	<.1	28.	30.	59.	
500N	.1	13.	28.	43.	
525N	<.1	19.	21.	65.	
550N	<.1	13.	6.	31.	
575N	<.1	14.	83.	70.	
600N	<.1	14.	59.	47.	
75N(B)	<.1	6.	17.	33.	NOT PLOTTED
250S(B)	<.1	22.	33.	53.	
425N(B)	<.1	15.	11.	22.	
600E NORTH PEG.					
0N	<.1	14.	43.	52.	
50N	<.1	14.	38.	43.	
50S	.2	24.	49.	71.	
100N	<.1	23.	38.	67.	
100S	<.1	27.	16.	68.	
150N	<.1	12.	14.	72.	
150S	.2	46.	99.	140.	
200N	<.1	48.	73.	82.	
200S	<.1	36.	21.	78.	

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

11/AUG/91
PAGE 6 OF 7
WORK ORDER # 191C-91

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM	
600E NORTH LINE					
250N	<.1	11.	10.	50.	
250S	<.1	27.	19.	73.	
300N	<.1	18.	50.	60.	
300S	<.1	41.	26.	74.	
350N	<.1	21.	66.	67.	
400N	<.1	14.	26.	53.	
450N	<.1	11.	30.	26.	
500N	.4	19.	300.	27.	
550N	<.1	4.	6.	17.	
50S(B)	<.1	31.	42.	73.	
250N(B)	<.1	12.	14.	6.	NOT PLOTTED
250S(B)	<.1	29.	18.	79.	
300N(B)	<.1	16.	47.	56.	
350N(B)	<.1	21.	88.	63.	
500N(B)	<.1	16.	129.	31.	
750E NORTH LINE					
0N	<.1	8.	30.	21.	
25N	<.1	3.	1.	7.	
50N	<.1	22.	39.	55.	
75N	<.1	2.	5.	24.	
100N	<.1	10.	22.	21.	
125N	<.1	2.	8.	6.	
150N	<.1	15.	7.	45.	
175N	<.1	14.	38.	39.	
SILT ~~180N~~	<.1	16.	38.	72.	NOT PLOTTED
SILT ~~215N~~	<.1	41.	49.	66.	NOT PLOTTED
225N	<.1	14.	20.	27.	
250N	<.1	32.	52.	66.	
SILT ~~275N~~	.1	48.	64.	94.	NOT PLOTTED
300N	<.1	46.	15.	66.	

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS LABORATORY
3750 - 19th ST., N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

11/AUG/81
PAGE 7 OF 7
WORK ORDER # 1910-81

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM
750E				
325N	.1	29.	28.	35.
350N	.1	26.	41.	53.
375N	<.1	30.	25.	72.
400N	<.1	49.	147.	89.
425N	<.1	35.	136.	82.
450N	<.1	9.	3.	23.
475N	.1	14.	23.	56.
500N	<.1	26.	54.	85.
525N	<.1	25.	450.	140.
550N	<.1	20.	54.	83.
575N	<.1	23.	42.	93.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY
3750 - 19th ST. N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

ALL DATA
PRO-NORTH

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM
25N	<.1	43.	49.	115.
75N	<.1	15.	63.	244.
125N	<.1	23.	32.	82.
175N	<.1	13.	49.	163.
225N	<.1	38.	63.	122.
275N	<.1	40.	130.	197.
325N	<.1	41.	69.	102.
350S	<.1	43.	38.	77.
375S	<.1	39.	30.	79.
425N	<.1	18.	47.	110.
425S	<.1	61.	58.	88.
450S	<.1	59.	50.	83.
475N	<.1	7.	33.	40.
475S	<.1	65.	55.	84.
500S	<.1	71.	64.	91.
525N	.1	25.	34.	53.
525S	<.1	81.	48.	82.
550S	<.1	86.	73.	90.
575N	<.1	17.	33.	48.
575S	<.1	83.	72.	89.
600S	<.1	93.	51.	97.
625N	<.1	13.	13.	38.
675N	<.1	15.	38.	47.
725N	<.1	21.	50.	73.
825N	<.1	9.	19.	32.
875N	<.1	15.	17.	30.
925N	<.1	25.	36.	72.
25S	<.1	30.	22.	70.
25S	<.1	3.	4.	5.

1500'
PRO-NORTH

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

12/AUG/81

WORK ORDER # 2090-81

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM
150E PRO NORTH				
✓50S	<.1	4.	6.	23.
✓75N	<.1	4.	11.	5.
✓75S	<.1	2.	8.	16.
✓100S	.2	9.	6.	37.
✓125N	<.1	3.	9.	5.
✓125S	<.1	22.	26.	52.
✓150S	<.1	48.	30.	72.
✓175N	<.1	25.	24.	64.
✓175S	.1	50.	174.	118.
✓200S	<.1	41.	25.	70.
✓225N	<.1	23.	20.	40.
✓275N	<.1	5.	9.	61.
325N	<.1	3.	6.	12.
✓375N	.1	15.	37.	68.
✓425N	.3	45.	37.	32.
475N	<.1	35.	20.	68.
✓500S	<.1	96.	56.	100.
✓525N	<.1	26.	42.	92.
✓575N	<.1	25.	57.	74.
150W PRO NORTH				
✓150S	<.1	50.	43.	78.
✓175N	<.1	25.	49.	90.
✓200S	<.1	75.	40.	79.
✓225N	<.1	7.	9.	40.
✓275N	.1	15.	19.	50.
✓300S	<.1	42.	20.	80.
✓350S	<.1	50.	28.	82.
✓400S	<.1	46.	25.	70.
✓450S	<.1	46.	23.	73.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS LABORATORY
3750 - 19th ST. N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

12/AUG/81
PAGE 3 OF 8
WORK ORDER # 209C-81

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM
150W				
Pro-North. ✓ 475N	<.1	50.	65.	131.
✓ 500S	<.1	55.	17.	80.
✓ 550S	<.1	80.	35.	89.
✓ 575N	<.1	28.	68.	97.
✓ 600S	<.1	99.	33.	111.
✓ 625N	<.1	19.	35.	62.
✓ 675N	<.1	31.	30.	87.
✓ 725N	<.1	18.	33.	60.
✓ 775N	<.1	29.	33.	60.
✓ 825N	<.1	28.	25.	35.
✓ 875N	<.1	21.	10.	62.
✓ 975N	<.1	41.	40.	40.
✓ 1025N	<.1	20.	18.	61.
✓ 1125N	<.1	22.	37.	86.
✓ 1275N	<.1	53.	60.	101.
300E				
Pro North ✓ 25S	.2	36.	61.	62.
✓ 50S	.1	1.	5.	6.
✓ 75S	<.1	38.	24.	90.
✓ 100S	<.1	22.	19.	51.
✓ 125S	<.1	2.	5.	22.
✓ 150S	<.1	30.	30.	89.
✓ 175S	<.1	14.	18.	56.
✓ 200S	<.1	16.	25.	58.
✓ 225S	<.1	16.	16.	28.
✓ 250S	<.1	6.	2.	10.
✓ 275S	<.1	6.	2.	9.
✓ 300S	.1	32.	54.	51.
✓ 500S	<.1	99.	101.	109.
300S(B)	<.1	28.	47.	51.

→ Not Plotted

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST., N.E., SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

12/AUG/81
PAGE 1 OF 8
WORK ORDER # 2090-81

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM
300W				
PRO-NORTH. ✓550N	<.1	67.	51.	89.
✓575N	<.1	38.	32.	92.
✓600N	<.1	55.	51.	107.
✓625N	<.1	45.	140.	169. X
✓650N	<.1	94.	25.	92.
✓675N	<.1	82.	30.	113.
✓700N	<.1	53.	23.	96.
✓725N	<.1	45.	132.	173. X
450E				
PRO NORTH ✓300S	<.1	95.	58.	102.
✓425S	<.1	65.	25.	94.
✓475S	<.1	66.	25.	92.
✓525S	<.1	59.	20.	89.
700N	.1	25.	58.	70.
875N	.1	37.	35.	90.
✓920N	.1	47.	32.	83.
300S(B)	<.1	50.	64.	42. → NOT PLOTTED
480E				
670N	.1	28.	75.	59.
600E				
PRO-NORTH ✓25N	.1	45.	33.	48.
✓25S	.4	24.	93.	50.
✓75N	.1	21.	24.	60.
✓75S	<.1	48.	18.	60.
125N	.1	8.	22.	57.
125S	<.1	15.	26.	69.
✓175N	.1	22.	27.	60.
✓175S	<.1	60.	20.	85.
✓225N	.1	16.	38.	68.

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

13/AUG/81
PAGE 3 OF 8
WORK ORDER # 2090-81

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM
600E				
225S	<.1	51.	22.	91.
275S	<.1	50.	23.	87.
325N	.1	27.	74.	71.
325S	<.1	58.	28.	89.
350S	<.1	33.	30.	86.
375N	.1	20.	44.	68.
375S	<.1	43.	38.	89.
400S	<.1	51.	23.	80.
425S	<.1	55.	33.	87.
450S	<.1	56.	32.	86.
475S	<.1	79.	46.	101.
500S	<.1	56.	33.	88.
525S	<.1	83.	52.	99.
575N	<.1	16.	N D	191.
750E				
25S	.1	10.	39.	89.
50S	.1	9.	15.	20.
75S	<.1	5.	1.	20.
100S	<.1	5.	7.	21.
125S	.1	43.	70.	131.
150S	<.1	40.	26.	72.
175S	<.1	41.	29.	93.
200S	<.1	46.	27.	90.
225S	.1	39.	23.	97.
250S	<.1	43.	25.	86.
275S	<.1	46.	24.	85.
300S	<.1	51.	23.	81.
325S	<.1	48.	27.	80.
350S	<.1	50.	24.	80.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *Z=POSTED AS Z; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

12/AUG/81
PAGE 6 OF 8
WORK ORDER # 2090-81

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM	
750E					
375S	<.1	48.	23.	79.	
400S	<.1	47.	25.	83.	
425S	<.1	49.	24.	79.	
450S	<.1	49.	23.	76.	
475S	<.1	52.	26.	80.	
500S	<.1	52.	29.	75.	
550S	<.1	56.	27.	85.	
575S	<.1	57.	30.	82.	
600N	<.1	35.	38.	96.	
650N	.1	30.	37.	82.	
675N	<.1	20.	41.	67.	
700N	.1	37.	56.	121.	
725N	<.1	50.	116.	160.	
750N	<.1	23.	60.	99.	
775N	.1	35.	25.	71.	
800N	.1	4.	15.	20.	
825N	<.1	48.	72.	109.	
850N	.1	60.	65.	98.	
875N	.1	26.	30.	70.	
900N	<.1	30.	52.	92.	
925N	.2	49.	70.	182.	
1050N	<.1	75.	55.	92.	
1075N	<.1	30.	82.	117.	
1100N	<.1	22.	31.	64.	
1125N	.1	19.	53.	82.	
1150N	<.1	11.	10.	40.	
1175N	.1	19.	77.	107.	
SILT 1200N	.2	26.	142.	102.	NOT PLOTTED
1225N	.3	19.	224.	53.	
1400N	.3	31.	102.	79.	

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

AUTHORITY: G. NOLIN

12/AUG/81

WORK ORDER # 2090-81

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM	
750E					
475S(B)	<.1	52.	21.	26.	NOT PLOTTED
750N(B)	.1	70.	43.	47.	NOT PLOTTED
1250N	29.	48.	830.	83.	X?
900E					
75S	<.1	14.	32.	49.	
100S	<.1	45.	27.	73.	
SILT 125S	<.1	50.	30.	80.	
150S	<.1	28.	32.	80.	
175S	<.1	25.	34.	97.	
200S	<.1	37.	30.	87.	
225S	<.1	36.	26.	86.	
250N	<.1	10.	16.	34.	
250S	<.1	34.	17.	29.	
275N	<.1	17.	12.	50.	
275S	<.1	40.	18.	25.	
300N	<.1	17.	19.	55.	
300S	<.1	41.	20.	26.	
325N	.1	17.	22.	51.	
325S	<.1	42.	25.	76.	
350N	<.1	27.	98.	55.	
350S	<.1	42.	27.	79.	
375N	<.1	10.	34.	10.	
375S	<.1	40.	25.	81.	
400N	<.1	20.	30.	63.	
400S	<.1	43.	21.	72.	
425N	<.1	16.	62.	64.	
425S	<.1	47.	23.	74.	
450N	<.1	15.	28.	50.	

BARRINGER MAGENTA LIMITED
OFFICES & MINERALS
LABORATORY:
3750 - 19th ST. N.E. SUITE 105
CALGARY, ALBERTA T2E 6V2
PHONE: (403) 276-9701
TELEX: 03-827584

BARRINGER MAGENTA

12/AUG/81

WORK ORDER # 209C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
333 5TH AVE. S.W.,
7TH FLOOR,
CALGARY, ALTA. T2P 3B6

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM	
900E					
✓450S	<.1	45.	22.	77.	
✓475N	.1	17.	42.	70.	
✓475S	<.1	48.	27.	81.	
✓500N	.1	18.	35.	81.	
✓500S	<.1	49.	30.	73.	
✓525N	<.1	14.	35.	59.	
✓525S	<.1	45.	25.	21.	
✓550N	.2	18.	57.	71.	
✓550S	<.1	45.	25.	25.	
✓575N	<.1	15.	56.	81.	
✓600N	.1	18.	25.	48.	
✓625N	<.1	17.	62.	82.	
✓650N	<.1	34.	32.	~~100.~~	
✓700N	<.1	9.	15.	29.	
725N	<.1	10.	15.	39.	
750N	<.1	11.	35.	33.	
✓ 775N	.1	17.	140.	69.	
✓ 800N	<.1	35.	77.	119.	
✓ 825N	<.1	17.	19.	42.	
✓ 850N	<.1	10.	20.	38.	
✓ 875N	<.1	12.	25.	53.	
✓ 1000N	<.1	5.	2.	11.	
175S(B)	<.1	24.	22.	72.	NOT PLOTTED
350S(B)	<.1	25.	11.	29.	NOT PLOTTED

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 292C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE # A	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
0	<.1		11.	6.	40.
25	.1		37.	13.	60.
50	<.1		38.	9.	65.
75	<.1		45.	41.	73.
100	<.1		24.	12.	66.
125	<.1		32.	11.	67.
150	<.1		29.	7.	80.
175	<.1		36.	14.	84.
200	<.1		33.	23.	78.
225	<.1		39.	9.	67.
250	<.1		35.	14.	66.
275	<.1		13.	3.	63.
300	<.1		54.	11.	78.
325	<.1		26.	5.	68.
350	<.1		25.	6.	66.
375	<.1		37.	5.	67.
400	<.1		12.	2.	58.
425	<.1		14.	5.	56.
450	<.1		31.	7.	62.
475	<.1		52.	28.	66.
500	<.1		37.	20.	50.
575	<.1		12.	10.	44.
600	<.1		39.	52.	74.
625	<.1		35.	35.	60.
650	<.1		45.	18.	74.
675	<.1		48.	27.	75.
700	<.1		45.	26.	50.
725	<.1		3.	12.	6.
750	<.1		7.	2.	10.
775	<.1		34.	6.	24.

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
A					
800	<.1		53.	36.	62.
825	<.1		42.	19.	60.
850	<.1		140.	62.	53.
875	<.1		340.	N A	51.
900	<.1		10.	7.	15.
950	<.1		18.	28.	63.
975	<.1		14.	17.	51.
1000	<.1		18.	12.	60.
1025	<.1		14.	8.	50.
1050	<.1		8.	6.	9.
1075	<.1		31.	28.	28.
1100	<.1		36.	47.	76.
1125	<.1		17.	17.	62.
1150	<.1		1200.	N A	44.
1175	<.1		32.	59.	62.
1200	<.1		34.	50.	55.
1225	<.1		14.	26.	44.
1250	<.1		20.	23.	62.
1275	<.1		22.	33.	62.
1300	<.1		16.	17.	35.
1350	<.1		12.	11.	27.
1375	<.1		10.	15.	38.
1400	<.1		135.	46.	34.
1425	<.1		59.	24.	12.
1450	<.1		89.	17.	16.
1500	.3		23.	16.	16.
00					
975S	<.1		37.	29.	73.
1000S	<.1		41.	26.	73.
1025S	.3		25.	29.	60.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 292C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #		AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
00						
	1050S	<.1		25.	20.	61.
	1075S	<.1		19.	22.	64.
	1100S	.3		25.	36.	63.
	1125S	<.1		20.	25.	45.
	1150S	<.1		32.	40.	72.
	1175S	<.1		12.	19.	56.
	1200S	<.1		29.	21.	62.
	1225S	<.1		10.	17.	27.
	1250S	<.1		34.	15.	57.
	1275S	<.1		26.	15.	49.
	1300S	<.1		13.	12.	24.
	1325S	.2		27.	17.	58.
	1350S	.2		21.	11.	40.
	1375S	<.1		39.	17.	52.
	1400S	<.1		51.	30.	58.
150E						
	1250S	<.1		33.	25.	61.
	1275S	<.1		32.	33.	81.
	1300S	<.1		39.	25.	78.
	1325S	<.1		36.	29.	67.
	1350S	<.1		34.	19.	64.
	1375S	<.1		55.	32.	75.
	1400S	<.1		19.	15.	59.
	125N	<.1		22.	11.	67.
	150N	<.1		27.	25.	76.
	175N	<.1		27.	22.	71.
	200N	<.1		42.	27.	93.
	225N	<.1		27.	16.	87.
	250N	<.1		32.	20.	78.
	275N	<.1		30.	19.	56.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 292C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #		AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
150E						
	300N	<.1		51.	21.	75.
	325N	<.1		31.	20.	77.
	350N	<.1		29.	15.	79.
	425N	<.1		24.	13.	78.
	450N	<.1		23.	9.	73.
	475N	<.1		24.	15.	80.
	500N	<.1		29.	16.	72.
	525N	<.1		11.	24.	50.
	550N	<.1		22.	19.	51.
	575N	<.1		12.	10.	52.
	600N	<.1		17.	6.	52.
	625N	<.1		22.	9.	62.
	650N	<.1		9.	11.	41.
	675N	<.1		19.	18.	57.
	700N	<.1		14.	7.	56.
	725N	<.1		18.	11.	60.
	750N	<.1		15.	9.	64.
	775N	<.1		11.	7.	41.
	800N	<.1		16.	13.	40.
	825N	<.1		22.	10.	70.
	850N	<.1		20.	23.	62.
	875N	<.1		29.	18.	72.
	900N	.1		27.	15.	52.
300E						
	525N	<.1		27.	15.	74.
	550N	<.1		14.	6.	49.
	575N	<.1		10.	11.	50.
	600N	<.1		17.	8.	55.
	625N	<.1		7.	12.	16.
	650N	<.1		28.	12.	73.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 292C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
300E					
675N	.2		27.	13.	70.
700N	<.1		16.	9.	56.
725N	.2		18.	11.	76.
800N	<.1		30.	11.	83.
825N	.1		25.	9.	80.
850N	<.1		44.	18.	80.
875N	<.1		43.	19.	71.
900N	<.1		42.	22.	78.
200E					
Pad-South 0S	<.1		12.	10.	38.
50S	<.1		33.	37.	54.
100S	<.1		14.	31.	51.
150S	<.1		18.	29.	52.
200S	<.1		18.	39.	55.
250S	<.1		19.	40.	67.
300S	<.1		14.	32.	38.
350S	<.1		25.	35.	74.
400S	.2		17.	21.	40.
450S	<.1		32.	39.	61.
500S	.2		15.	38.	35.
600S	<.1		8.	12.	37.
650S	<.1		16.	45.	68.
700S	<.1		35.	87.	79.
750S	<.1		8.	15.	35.
800S	<.1		9.	30.	19.
850S	<.1		15.	46.	67.
900S	<.1		9.	31.	50.
950S	<.1		15.	32.	66.
1000S	<.1		16.	14.	59.
1050S	<.1		13.	18.	41.

09/OCT/81
PAGE 6 OF 17
WORK ORDER # 292C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #		AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
200E						
Pro-soil+	1100S	<.1		7.	44.	48.
	1150S	<.1		20.	45.	51.
	1200S	<.1		17.	43.	59.
	1250S	.2		17.	32.	65.
	1300S	<.1		17.	46.	51.
	1350S	<.1		21.	25.	54.
	1400S	<.1		13.	38.	56.
	1450S	<.1		9.	15.	32.
	1500S	<.1		2.	6.	13.
	1550S	<.1		17.	15.	40.
	1600S	<.1		22.	29.	65.
	1650S	<.1		21.	50.	63.
	1700S	<.1		14.	26.	36.
	1750S	<.1		15.	82.	38.
	1800S	<.1		9.	11.	67.
	1850S	.2		22.	27.	55.
	1900S	<.1		7.	4.	20.
	1950S	.2		54.	41.	34.
	2000S	.1		11.	9.	42.
	2050S	<.1		14.	15.	42.
	2100S	<.1		18.	18.	52.
	2150S	<.1		8.	18.	36.
	2200S	.3		10.	22.	41.
	2250S	<.1		38.	107.	57.
	2300S	<.1		12.	29.	24.
	2350S	<.1		10.	15.	69.
	2400S	<.1		8.	10.	46.
	2450S	<.1		9.	9.	39.
	2500S	<.1		11.	13.	47.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 292C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
150W					
25S	<.1		34.	27.	87.
50S	<.1		40.	42.	77.
75S	<.1		46.	49.	81.
125S	<.1		47.	39.	69.
150S	<.1		43.	36.	86.
175S	<.1		42.	58.	68.
200S	<.1		33.	46.	58.
275S	<.1		40.	55.	375.
300S	.2		36.	55.	64.
325S	<.1		N D	22.	78.
350S	<.1		26.	47.	71.
375S	<.1		14.	16.	60.
400S	<.1		19.	23.	60.
425S	<.1		26.	25.	66.
450S	<.1		12.	20.	37.
475S	.3		12.	8.	24.
500S	.2		7.	20.	20.
525S	.2		12.	11.	29.
550S	.2		22.	30.	54.
575S	.2		15.	20.	41.
600S	<.1		20.	43.	28.
625S	.2		34.	38.	68.
650S	<.1		16.	23.	58.
675S	.1		10.	11.	17.
700S	<.1		8.	20.	29.
725S	.1		26.	16.	58.
750S	.2		8.	15.	9.
775S	.2		11.	14.	52.
800S	.2		46.	29.	58.
825S	<.1		34.	24.	49.

WARREN CREEK. CHANGE SOUTH DESIGNATION TO NORTH

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *Z=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 2920-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
150W					
850S	.2		43.	14.	63.
875S	<.1		27.	14.	49.
900S	<.1		6.	7.	7.
300W					
25N	.2		35.	46.	74.
75N	<.1		25.	21.	61.
100N	<.1		24.	16.	46.
125N	<.1		20.	15.	43.
150N	.2		15.	20.	42.
175N	<.1		24.	23.	67.
225N	<.1		47.	26.	64.
250N	.1		29.	28.	48.
275N	.1		40.	23.	59.
300N	.2		16.	20.	67.
325N	<.1		26.	22.	69.
350N	<.1		39.	50.	75.
375N	<.1		52.	49.	69.
400N	.4		65.	49.	69.
425N	<.1		54.	61.	57.
475N	<.1		37.	23.	67.
500N	.1		38.	42.	75.
525N	<.1		31.	22.	77.
550N	<.1		42.	41.	71.
575N	<.1		47.	44.	78.
600N	<.1		25.	21.	71.
625N	<.1		13.	17.	61.
650N	.1		29.	39.	64.
675N	.1		33.	34.	63.
700N	.1		23.	22.	38.
725N	.1		15.	25.	38.

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #		AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
300W						
	750N	<.1		7.	8.	9.
	775N	<.1		10.	12.	33.
	800N	<.1		13.	11.	43.
	825N	.4		30.	30.	62.
	850N	.3		14.	15.	49.
	875N	.3		14.	12.	55.
	900N	.3		17.	17.	60.
150W						
WARRIN CREEK GRID BASE NORTH DESIGNATION TO SOUTH.	25N	.3		28.	26.	75.
	50N	<.1		12.	5.	54.
	75N	<.1		16.	10.	68.
	100N	<.1		23.	26.	63.
	125N	<.1		26.	20.	58.
	175N	.1		19.	24.	44.
	200N	<.1		40.	55.	78.
	225N	.3		60.	85.	92.
	250N	.2		41.	76.	69.
	300N	.2		23.	60.	105.
	325N	<.1		34.	22.	82.
	350N	<.1		96.	35.	59.
	375N	.1		32.	53.	55.
	400N	<.1		30.	44.	69.
	425N	<.1		10.	13.	47.
	475N	.1		34.	23.	64.
	500N	.1		42.	26.	63.
	525N	<.1		37.	25.	64.
	550N	<.1		43.	34.	61.
	625N	<.1		29.	18.	52.
	650N	<.1		23.	9.	68.
	725N	<.1		24.	14.	70.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 292C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
150W					
750N	.2		23.	17.	55.
775N	.1		21.	14.	34.
800N	<.1		16.	16.	54.
825N	<.1		14.	18.	33.
875N	<.1		13.	20.	55.
900N	.2		14.	18.	54.
925N	<.1		13.	28.	47.
950N	.1		10.	15.	14.
975N	.1		48.	22.	70.
1000N	<.1		43.	36.	57.
1025N	<.1		47.	28.	67.
1050N	<.1		22.	19.	43.
1075N	<.1		12.	9.	24.
1100N	<.1		6.	10.	9.
1125N	<.1		20.	15.	47.
1150N	<.1		26.	23.	54.
1175N	<.1		34.	13.	38.
1200N	.2		13.	21.	35.
B					
0	<.1		22.	23.	44.
25	<.1		42.	30.	62.
50	.2		14.	27.	51.
75	.1		34.	40.	66.
100	<.1		48.	52.	66.
125	.3		28.	49.	63.
150	.2		11.	19.	57.
175	<.1		32.	44.	145.
200	<.1		25.	13.	70.
225	<.1		24.	18.	55.
250	<.1		17.	33.	57.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 292C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
B					
275	.1		43.	34.	60.
300	.1		28.	50.	67.
325	<.1		15.	10.	50.
350	<.1		41.	41.	50.
375	<.1		60.	42.	71.
400	<.1		14.	N D	53.
425	<.1		16.	7.	56.
450	<.1		20.	14.	58.
475	<.1		82.	42.	43.
500	<.1		17.	12.	35.
525	<.1		11.	N D	32.
550	<.1		17.	N D	11.
575	<.1		41.	N D	9.
600	<.1		12.	1.	47.
625	<.1		11.	32.	36.
650	<.1		17.	16.	56.
675	<.1		25.	10.	64.
700	<.1		39.	28.	56.
725	.1		5.	15.	9.
750	<.1		9.	8.	7.
775	<.1		6.	13.	15.
800	<.1		13.	15.	55.
825	<.1		10.	28.	12.
850	<.1		15.	8.	37.
875	<.1		10.	10.	26.
900	<.1		11.	23.	28.
925	.2		19.	25.	72.
950	.1		6.	20.	12.
975	<.1		12.	13.	40.
1000	.1		5.	11.	7.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 292C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
B					
1025	.3		6.	2.	27.
1050	<.1		9.	15.	26.
1075	.3		29.	10.	64.
1100	.2		30.	27.	58.
CHANGE ??. 1125	<.1		43.	37.	72.
1150	.3		30.	29.	67.
1175	.1		18.	23.	47.
1200	.1		38.	34.	47.
1225	.3		12.	4.	22.
1250	.1		18.	15.	12.
1275	<.1		15.	11.	40.
1300	.1		20.	4.	29.
1325	<.1		53.	42.	49.
1350	<.1		78.	41.	39.
1375	<.1		24.	22.	42.
1400	<.1		21.	30.	34.
1425	.2		24.	47.	20.
1450	<.1		69.	43.	18.
1475	<.1		13.	14.	34.
1500	<.1		14.	13.	29.
1525	.2		13.	13.	29.
1550	<.1		12.	12.	18.
1575	<.1		12.	8.	7.
450W					
PRO-NORTH 850N	<.1		40.	97.	100.
875N	<.1		33.	30.	76.
900N	<.1		39.	134.	225.
925N	<.1		33.	120.	170.
950N	.1		38.	170.	145.
975N	.1		31.	85.	135.

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #		AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
450W						
Pro North	1000N	<.1		33.	57.	98.
	1025N	M S		M S	M S	M S
	1050N	<.1		35.	10.	195.
150E						
	100CE	<.1		29.	23.	53.
	150CE	<.1		13.	18.	25.
	200CE	<.1		19.	17.	66.
	250CE	<.1		6.	N D	27.
	300CE	<.1		41.	35.	43.
	350CE	.1		7.	10.	26.
	400CE	.1		14.	28.	43.
	450CE	<.1		30.	38.	58.
	500CE	<.1		29.	26.	57.
	550CE	<.1		73.	86.	67.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

09/OCT/81

WORK ORDER # 292C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
STREAM SEDIMENT

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
K+W					
2	.2		42.	12.	103.
3	<.1		45.	10.	103.
4	<.1		44.	7.	95.
5	<.1		46.	9.	94.
6	.1		48.	9.	104.
7	<.1		47.	11.	106.
8	<.1		47.	8.	104.
CWS					
1S	<.1		49.	7.	100.
2S	<.1		50.	8.	97.
3S	<.1		39.	17.	88.
4S	<.1		47.	10.	94.
5S	<.1		43.	10.	87.
6S	<.1		41.	8.	84.
7S	<.1		54.	5.	96.
8S	<.1		49.	4.	100.
9S	<.1		63.	6.	100.
10S	<.1		55.	5.	98.
11S	<.1		49.	7.	99.
12S	<.1		50.	7.	96.
13S	<.1		51.	4.	98.
14S	<.1		57.	10.	101.
15S	<.1		46.	9.	95.
16S	<.1		57.	14.	100.
17S	<.1		60.	14.	104.
1AS	<.1		50.	11.	89.
WS-J					
1	<.1		51.	10.	93.
2	<.1		52.	14.	103.
3	<.1		52.	9.	98.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 292C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
STREAM SEDIMENT

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
WS-J					
4	<.1		48.	2.	102.
5	<.1		54.	9.	97.
6	.1		46.	8.	99.
7	.1		58.	4.	95.
8	<.1		46.	3.	92.
9	<.1		57.	7.	100.
10	<.1		51.	4.	102.
11	.2		50.	8.	101.
12	<.1		63.	5.	113.
13	.2		58.	6.	106.
14	<.1		53.	5.	100.
15	<.1		52.	7.	106.
16	<.1		56.	6.	97.
17	<.1		55.	4.	99.
WC-J					
1	<.1		45.	10.	88.
2	<.1		50.	8.	87.
200E					
370S	<.1		80.	59.	134.
514S	<.1		65.	86.	95.
811S	<.1		67.	66.	107.
1115S	<.1		35.	56.	83.
1244S	<.1		41.	45.	84.
1803S	<.1		52.	88.	100.
2216S	<.1		39.	69.	76.
7550S	<.1		65.	101.	57.
250E					
370S	<.1		102.	151.	157.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 292C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
STREAM SEDIMENT

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
300E					
1803S	<.1		45.	79.	101.
1115S	<.1		48.	73.	76.
2210S	<.1		35.	81.	58.
350E					
1244S	<.1		71.	90.	104.
450W					
120S(1)	<.1		22.	20.	73.
120S(2)	<.1		25.	27.	86.
120S(3)	<.1		24.	31.	88.
495S	<.1		68.	59.	84.
1020S(1)	<.1		53.	40.	76.
1020S(2)	<.1		44.	35.	83.
1020S(3)	<.1		44.	50.	83.
2050S	<.1		55.	118.	78.
550E					
50N	<.1		28.	48.	90.
150W					
325S	<.1		47.	17.	96.
630S	<.1		45.	21.	77.
820S	<.1		44.	25.	61.
1145S	<.1		46.	30.	70.
300E					
780N	<.1		53.	22.	79.
300W					
524N	<.1		52.	21.	94.
818N	<.1		55.	25.	66.
150E					
571CE	<.1		41.	84.	55.
1285S	<.1		23.	46.	43.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 292C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
STREAM SEDIMENT

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
PSA-A					
660	<.1		96.	49.	71.
835	<.1		90.	45.	69.
1400	<.1		83.	104.	51.
PSA-B					
475	<.1		92.	40.	71.
675	<.1		56.	23.	82.
1150	<.1		57.	30.	76.
11					
SVES	<.1		47.	31.	75.

AUTHORITY: G. NOLIN

23/SEP/81
PAGE 1 OF 12
WORK ORDER # 239C-81

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
150E					
25N	<.1		24.	18.	81.
50N	<.1		44.	42.	82.
75N	<.1		44.	41.	79.
100N	<.1		18.	7.	35.
150W					
1225S	<.1		35.	10.	69.
1250S	<.1		20.	9.	20.
1275S	<.1		56.	30.	79.
1300S	<.1		28.	15.	52.
1325S	<.1		21.	8.	45.
1350S	<.1		43.	9.	54.
1375S	<.1		21.	11.	41.
1400S	<.1		25.	8.	51.
1450S	<.1		31.	12.	58.
1475S	<.1		27.	9.	57.
1600S	<.1		57.	25.	79.
1625S	<.1		67.	43.	79.
1650S	<.1		52.	39.	75.
1675S	<.1		41.	70.	52.
1700S	<.1		43.	70.	55.
1725S	<.1		125.	72.	68.
1750S	<.1		55.	55.	55.
1775S	<.1		22.	23.	17.
1800S	<.1		25.	21.	31.
1825S	<.1		6.	11.	9.
1850S	<.1		8.	9.	10.
1875S	<.1		12.	12.	33.
1900S	<.1		13.	12.	46.
1925S	.1		10.	12.	34.

AUTHORITY: G. NOLIN

23/SEP/81
PAGE 2 OF 15
WORK ORDER # 3390-81

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
150W					
1950S	<.1		11.	10.	28.
1975S	<.1		10.	10.	28.
2000S	<.1		27.	11.	73.
2025S	<.1		19.	4.	74.
2050S	<.1		18.	9.	65.
2075S	<.1		25.	11.	68.
2100S	<.1		23.	16.	71.
2125S	<.1		20.	17.	57.
2150S	<.1		11.	14.	32.
2175S	<.1		8.	6.	33.
2200S	<.1		13.	3.	62.
2225S	<.1		10.	18.	31.
2250S	<.1		28.	20.	66.
2275S	<.1		12.	6.	34.
2300S	<.1		7.	4.	28.
2325S	<.1		10.	16.	21.
2350S	<.1		25.	6.	84.
2375S	<.1		42.	10.	91.
2400S	<.1		36.	12.	81.
2425S	<.1		37.	13.	79.
2450S	<.1		26.	22.	66.
2475S	<.1		34.	8.	80.
2500S	<.1		30.	10.	82.
2525S	<.1		22.	5.	77.
2550S	<.1		25.	12.	57.
2575S	<.1		27.	13.	49.
2600S	<.1		18.	11.	53.
450E					
0N	<.1		29.	16.	34.
25N	<.1		12.	12.	37.

AUTHORITY: G. NOLIN

23/SEP/81

WORK ORDER # 239C-81

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
450E					
50N	<.1		22.	42.	41.
75N	<.1		77.	36.	55.
100N	<.1		12.	27.	25.
125N	<.1		52.	21.	77.
150N	<.1		59.	22.	77.
175N	<.1		200.	9.	65.
200N	<.1		60.	11.	29.
225N	<.1		16.	2.	13.
250N	<.1		265.	7.	60.
275N	<.1		110.	12.	65.
300N	<.1		44.	11.	76.
325N	<.1		29.	9.	72.
350N	.2		28.	3.	67.
375N	.2		40.	69.	51.
400N	.1		40.	12.	71.
425N	<.1		34.	13.	68.
450N	.1		68.	13.	83.
475N	<.1		43.	14.	67.
500N	<.1		35.	8.	56.
525N	<.1		47.	10.	62.
550N	<.1		42.	15.	77.
575N	<.1		50.	19.	71.
600N	<.1		47.	16.	77.
625N	.2		42.	14.	72.
650N	<.1		41.	17.	76.
675N	<.1		41.	20.	77.
700N	<.1		43.	18.	85.
600E					
200N	<.1		30.	21.	78.
225N	<.1		58.	18.	80.

AUTHORITY: G. NOLIN

23/SEP/81

WORK ORDER # 2390-81

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
600E					
250N	<.1		50.	10.	58.
275N	<.1		52.	7.	64.
300N	<.1		23.	8.	39.
325N	<.1		44.	13.	58.
350N	<.1		85.	24.	62.
375N	<.1		73.	5.	63.
400N	<.1		105.	22.	76.
425N	<.1		24.	2.	24.
450N	<.1		130.	9.	58.
475N	<.1		160.	8.	18.
500N	<.1		62.	21.	61.
525N	<.1		19.	15.	36.
550N	.1		18.	9.	43.
575N	<.1		24.	5.	26.
600N	<.1		11.	12.	31.
625N	<.1		16.	7.	45.
650N	<.1		34.	ND	63.
675N	<.1		27.	12.	64.
700N	<.1		60.	12.	80.
725N	<.1		9.	ND	11.
750N	<.1		23.	14.	60.
LINE A					
925	<.1		15.	9.	31.
LINE C					
0S	<.1		10.	ND	16.
25S	<.1		13.	11.	7.
50S	<.1		8.	9.	8.
75S	<.1		18.	8.	26.
100S	<.1		21.	4.	44.
125S	<.1		10.	ND	13.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

23/SEP/81
PAGE 1 OF 12
WORK ORDER # 2370-81

BLUE SKY OIL & GAS LTD.,
7TH FL. 332 5TH AVE. S.W.,
CALGARY, ALBERTA,
TOP 306

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE # LINE C	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
150S	<.1		21.	12.	30.
175S	<.1		33.	41.	54.
200S	<.1		5.	2.	8.
225S	<.1		66.	36.	53.
250S	<.1		69.	44.	60.
275S	<.1		150.	150.	76.
300S	<.1		100.	81.	78.
325S	<.1		100.	83.	73.
350S	<.1		92.	97.	70.
375S	<.1		89.	87.	60.
400S	<.1		56.	51.	46.
425S	<.1		56.	41.	54.
450S	<.1		27.	22.	34.
475S	<.1		59.	67.	63.
500S	<.1		34.	16.	52.
525S	<.1		21.	15.	37.
550S	<.1		29.	32.	50.
575S	<.1		6.	8.	13.
600S	<.1		3.	7.	5.
625S	<.1		13.	7.	26.
650S	<.1		5.	1.	10.
675S	<.1		26.	45.	53.
700S	<.1		42.	17.	45.
725S	<.1		9.	6.	16.
750S	<.1		7.	5.	6.
775S	<.1		17.	15.	35.
800S	<.1		3.	4.	7.
825S	<.1		4.	4.	8.
850S	<.1		10.	10.	11.
875S	<.1		40.	38.	56.

AUTHORITY: G. NOLIN

23/SEP/81

WORK ORDER # 239C-81

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
LINE C					
900S	.1		37.	13.	52.
925S	<.1		15.	9.	27.
950S	.1		13.	12.	17.
975S	<.1		32.	31.	61.
1000S	<.1		19.	18.	46.
1025S	<.1		20.	17.	52.
1050S	<.1		15.	15.	34.
1075S	<.1		9.	12.	23.
1100S	<.1		92.	32.	76.
1125S	.1		41.	21.	90.
1150S	<.1		19.	14.	24.
1175S	<.1		10.	12.	22.
1200S	<.1		18.	11.	33.
1225S	<.1		16.	13.	55.
1250S	<.1		24.	16.	46.
1275S	<.1		43.	12.	20.
LINE D					
0	<.1		3.	ND	7.
25	<.1		5.	ND	12.
50	<.1		12.	1.	28.
75	<.1		2.	3.	6.
100	<.1		15.	1.	34.
125	<.1		2.	1.	8.
150	<.1		3.	ND	7.
175	<.1		13.	3.	11.
200	.2		32.	9.	38.
225	<.1		11.	4.	42.
250	<.1		12.	6.	11.
275	<.1		5.	2.	10.
300	<.1		15.	5.	11.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
LINE D					
325	<.1		14.	4.	29.
350	<.1		12.	1.	48.
375	<.1		10.	9.	13.
400	<.1		12.	5.	29.
425	<.1		23.	2.	48.
450	<.1		37.	9.	60.
475	<.1		14.	8.	24.
500	<.1		63.	20.	68.
525	<.1		31.	13.	56.
550	<.1		9.	10.	16.
575	<.1		10.	15.	39.
600	<.1		6.	16.	23.
625	<.1		27.	48.	43.
650	<.1		12.	10.	7.
675	<.1		2.	9.	4.
700	<.1		3.	8.	6.
725	<.1		4.	12.	30.
750	<.1		15.	17.	18.
775	<.1		14.	44.	70.
800	<.1		44.	38.	55.
825	<.1		50.	39.	56.
850	M S		M S	M S	M S
875	<.1		78.	64.	32.
LINE A					
0	<.1		66.	30.	72.
25	<.1		31.	28.	74.
50	.1		23.	32.	72.
75	<.1		18.	32.	69.
100	<.1		22.	40.	60.
125	<.1		37.	31.	81.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

23/SEP/81

WORK ORDER # 2390-81

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE # LINE E	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
150	.1		54.	105.	70.
175	<.1		37.	42.	64.
200	<.1		20.	23.	45.
225	<.1		24.	19.	53.
250	<.1		20.	5.	60.
275	.2		81.	202.	66.
300	<.1		46.	49.	72.
325	<.1		43.	43.	70.
350	<.1		33.	14.	70.
375	<.1		51.	29.	70.
400	<.1		36.	18.	74.
425	<.1		48.	36.	82.
450	<.1		44.	22.	77.
475	<.1		29.	7.	69.
500	<.1		26.	5.	63.
525	<.1		26.	5.	64.
550	<.1		26.	2.	67.
575	<.1		35.	3.	70.
625	<.1		20.	19.	35.
650	<.1		14.	N D	30.
675	<.1		11.	8.	14.
700	<.1		6.	4.	11.
725	<.1		21.	5.	29.
750	<.1		8.	6.	9.
775	.1		23.	13.	57.
800	.1		20.	6.	36.
825	<.1		14.	17.	27.
850	<.1		26.	7.	61.
875	<.1		13.	8.	49.
900	.3		9.	7.	15.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
LINE E					
925	.1		20.	20.	58.
950	<.1		57.	21.	74.
975	<.1		38.	24.	43.
1000	<.1		28.	26.	36.
1025	<.1		13.	12.	28.
1050	<.1		8.	10.	8.
1075	<.1		20.	11.	51.
1100	<.1		25.	19.	26.
1125	<.1		45.	16.	68.
1150	<.1		22.	10.	30.
1175	<.1		14.	10.	28.
1200	<.1		39.	12.	75.
1225	<.1		165.	48.	40.
LINE F					
0	<.1		63.	55.	87.
25	<.1		17.	18.	66.
50	<.1		31.	47.	81.
75	<.1		45.	105.	64.
100	<.1		55.	71.	63.
125	<.1		32.	45.	70.
150	<.1		4.	12.	26.
175	<.1		8.	9.	42.
200	<.1		13.	5.	25.
225	<.1		15.	6.	46.
250	<.1		6.	10.	9.
275	<.1		7.	4.	3.
300	<.1		10.	16.	26.
325	<.1		27.	28.	60.
350	<.1		4.	N.D	76.
375	<.1		19.	33.	66.

*P-QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

23/SEP/81

WORK ORDER # 2390-81

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
LINE F					
400	<.1		33.	25.	84.
425	<.1		42.	14.	83.
475	<.1		44.	14.	80.
500	<.1		15.	N D	68.
525	<.1		30.	9.	75.
550	<.1		110.	81.	88.
575	<.1		24.	4.	75.
600	<.1		33.	4.	73.
625	<.1		8.	6.	9.
650	<.1		9.	5.	50.
675	<.1		8.	4.	4.
700	.1		45.	14.	27.
725	.1		22.	4.	35.
750	<.1		28.	20.	56.
775	<.1		10.	8.	25.
800	<.1		12.	14.	43.
825	<.1		17.	8.	14.
850	<.1		34.	16.	65.
875	<.1		7.	9.	21.
900	<.1		32.	26.	76.
LINE E					
25	<.1		20.	2.	69.
50	.2		8.	15.	7.
75	.1		37.	31.	33.
100	.2		11.	9.	13.
125	<.1		12.	6.	41.
150	<.1		16.	4.	56.
175	<.1		17.	9.	46.
200	<.1		10.	14.	31.
225	<.1		18.	13.	64.

*F=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

23/SEP/81
PAGE 11 OF 12
WORK ORDER # 2390-81

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE # LINE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
250	<.1		22.	25.	57.
275	<.1		30.	21.	78.
300	<.1		14.	23.	70.
325	<.1		35.	67.	85.
350	<.1		16.	27.	74.

AUTHORITY: G. NOLIN

23/SEP/81

WORK ORDER # 2390-81

BLUE SKY OIL & GAS LTD.,
7TH FL. 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
STREAM SEDIMENT

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
450E					
460N	.3		52.	24.	96.
600E					
215N	.1		57.	19.	98.
500N	.1		49.	22.	92.
LINE C					
500	<.1		39.	23.	85.
1102	<.1		140.	50.	92.
1185	<.1		140.	42.	80.
1225	<.1		78.	34.	74.
LINE D					
540	<.1		40.	20.	79.
LINE E					
960	<.1		140.	51.	91.
1010	<.1		105.	40.	88.
1120	<.1		54.	18.	86.
1125	<.1		70.	38.	87.
1130	<.1		50.	29.	73.
LINE G					
72	.1		48.	37.	65.

NOT PLOTTED

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 248C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
00					
1750S	<.1		ND	2.	ND
1775S	<.1		19.	15.	29.
1800S	<.1		5.	8.	7.
1825S	<.1		11.	9.	33.
1850S	<.1		12.	6.	9.
1875S	<.1		8.	11.	11.
1900S	<.1		20.	37.	54.
1925S	<.1		27.	33.	59.
1950S	<.1		22.	12.	38.
1975S	<.1		23.	12.	53.
2000S	<.1		15.	20.	47.
2025S	<.1		28.	27.	58.
2050S	<.1		26.	13.	49.
2075S	<.1		17.	28.	34.
2100S	<.1		29.	14.	63.
2125S	<.1		16.	28.	190.
2150S	<.1		17.	18.	74.
2175S	<.1		13.	10.	33.
2200S	<.1		12.	7.	27.
2225S	<.1		21.	18.	37.
2250S	<.1		13.	10.	24.
2275S	<.1		12.	14.	12.
2300S	<.1		17.	7.	34.
2325S	<.1		10.	13.	24.
2350S	<.1		60.	37.	81.
2375S	<.1		46.	39.	67.
2400S	<.1		39.	23.	55.
1350W					
1200S	<.1		25.	15.	64.
1225S	<.1		28.	21.	63.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *Z=POSTED AS Z; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

09/OCT/81
PAGE 2 OF 14
WORK ORDER # 248C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
1350W					
1250S	<.1		25.	13.	62.
1275S	<.1		14.	9.	56.
1300S	<.1		16.	19.	51.
1325S	<.1		13.	16.	33.
1375S	<.1		13.	8.	12.
1400S	<.1		31.	44.	67.
1425S	<.1		25.	31.	52.
1475S	<.1		8.	10.	16.
1500S	<.1		9.	14.	7.
1525S	<.1		10.	5.	45.
1550S	<.1		8.	8.	27.
1575S	<.1		28.	18.	52.
1600S	<.1		14.	10.	16.
1625S	<.1		8.	8.	17.
1650S	<.1		11.	10.	29.
1675S	<.1		17.	14.	47.
1700S	.2		13.	16.	50.
1725S	<.1		90.	21.	87.
1800S	<.1		8.	9.	20.
1825S	<.1		23.	10.	51.
1850S	<.1		24.	7.	48.
1875S	<.1		36.	12.	65.
1900S	<.1		23.	11.	50.
1925S	<.1		15.	5.	57.
1950S	<.1		32.	23.	64.
2000S	<.1		39.	14.	64.
2025S	<.1		24.	3.	52.
2050S	<.1		6.	2.	19.
2075S	<.1		16.	7.	21.
2100S	<.1		13.	15.	12.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 248C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
1350W					
2125S	<.1		34.	30.	22.
2150S	<.1		40.	12.	21.
2175S	<.1		10.	3.	16.
2200S	<.1		9.	4.	10.
2225S	<.1		89.	19.	71.
2250S	<.1		30.	10.	77.
2275S	<.1		8.	1.	17.
2300S	<.1		5.	1.	9.
2325S	<.1		7.	N D	12.
2350S	<.1		21.	19.	50.
2375S	<.1		9.	4.	10.
2400S	<.1		5.	5.	6.
1500W					
1200S	<.1		12.	3.	53.
1225S	<.1		11.	11.	51.
1250S	<.1		14.	13.	51.
1475S	<.1		16.	9.	47.
1500S	<.1		7.	2.	25.
1525S	<.1		10.	7.	25.
1550S	<.1		11.	8.	38.
1575S	<.1		11.	7.	25.
1600S	<.1		9.	11.	13.
1625S	<.1		11.	7.	11.
1650S	<.1		10.	3.	12.
1675S	<.1		91.	58.	52.
1700S	<.1		200.	78.	210.
1725S	<.1		36.	7.	73.
1750S	<.1		12.	15.	16.
1775S	<.1		4.	9.	5.
1800S	<.1		9.	3.	9.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; **=POSTED AS %; T=TRACE; ND=
NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 248C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #		AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
1500W						
	1825S	<.1		10.	1.	28.
	1850S	<.1		28.	20.	65.
	1875S	<.1		26.	18.	60.
	1900S	<.1		55.	15.	23.
	1925S	<.1		270.	25.	60.
	1950S	<.1		30.	30.	19.
	1975S	<.1		37.	24.	9.
	2000S	<.1		12.	12.	61.
	2025S	<.1		29.	18.	50.
	2050S	<.1		10.	10.	74.
	2075S	<.1		30.	18.	54.
	2100S	<.1		21.	15.	53.
	2150S	<.1		12.	15.	50.
	2175S	<.1		4.	1.	11.
	2200S	<.1		14.	20.	43.
	2225S	<.1		5.	13.	35.
	2250S	<.1		17.	18.	45.
	2275S	<.1		7.	5.	19.
	2300S	<.1		17.	14.	77.
	2325S	<.1		16.	10.	35.
	2350S	<.1		3.	6.	7.
	2375S	<.1		6.	3.	13.
	2400S	<.1		26.	5.	48.
150E						
	0S	<.1		55.	21.	73.
	25S	<.1		19.	7.	34.
	50S	<.1		8.	11.	17.
	75S	<.1		25.	17.	80.
	100S	<.1		14.	6.	68.
	125S	<.1		22.	10.	59.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 248C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
150E					
150S	<.1		26.	28.	42.
175S	<.1		63.	34.	39.
200S	<.1		47.	94.	63.
250S	<.1		71.	67.	74.
275S	<.1		56.	111.	51.
300S	<.1		15.	15.	30.
325S	<.1		23.	18.	62.
350S	<.1		100.	155.	51.
375S	<.1		62.	80.	80.
425S	<.1		36.	41.	42.
450S	<.1		44.	60.	85.
475S	<.1		33.	28.	39.
500S	<.1		44.	50.	67.
550S	<.1		92.	66.	91.
575S	<.1		16.	22.	43.
600S	<.1		47.	56.	56.
625S	<.1		30.	27.	60.
650S	<.1		41.	51.	64.
675S	<.1		22.	24.	46.
700S	<.1		23.	23.	54.
750S	<.1		20.	23.	42.
775S	<.1		40.	82.	76.
300E					
25S	<.1		22.	28.	31.
50S	<.1		36.	36.	55.
75S	<.1		34.	28.	63.
100S	<.1		33.	21.	85.
175S	<.1		35.	26.	75.
200S	<.1		14.	5.	43.
1875S	<.1		16.	7.	42.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 248C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
300E					
1900S	<.1		21.	3.	62.
1925S	<.1		9.	6.	11.
1950S	<.1		9.	9.	11.
1975S	<.1		27.	18.	67.
2000S	<.1		5.	5.	7.
2025S	<.1		14.	12.	36.
2050S	<.1		14.	4.	48.
2075S	<.1		7.	4.	15.
2100S	<.1		10.	2.	33.
2125S	<.1		20.	9.	66.
2150S	<.1		23.	17.	60.
2175S	<.1		18.	17.	52.
2200S	<.1		28.	28.	79.
2225S	<.1		9.	11.	18.
2250S	<.1		27.	22.	71.
2275S	<.1		16.	20.	44.
2300S	<.1		20.	25.	59.
2325S	<.1		12.	7.	47.
2350S	<.1		23.	20.	60.
2375S	<.1		25.	19.	62.
2400S	<.1		84.	48.	92.
2450S	<.1		27.	45.	63.
450W					
1825S	<.1		18.	12.	59.
1850S	<.1		10.	3.	17.
1875S	<.1		17.	2.	48.
1900S	<.1		14.	14.	35.
1925S	<.1		7.	7.	19.
1950S	<.1		27.	11.	48.
1975S	<.1		10.	32.	34.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 248C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
450W					
2000S	<.1		14.	11.	36.
2025S	<.1		20.	5.	40.
2050S	<.1		12.	6.	30.
2075S	<.1		19.	4.	68.
2100S	<.1		25.	6.	54.
2125S	<.1		18.	4.	41.
2150S	<.1		13.	9.	26.
2175S	<.1		14.	5.	28.
2200S	<.1		18.	9.	39.
2225S	<.1		4.	1.	5.
2250S	<.1		19.	4.	42.
2275S	<.1		15.	7.	19.
2300S	<.1		36.	7.	47.
2325S	<.1		7.	12.	9.
2350S	<.1		12.	3.	30.
2375S	<.1		50.	12.	60.
2400S	<.1		36.	25.	60.
750E					
325N	<.1		33.	9.	59.
350N	<.1		58.	13.	65.
425N	<.1		71.	22.	72.
450N	<.1		32.	11.	46.
475N	<.1		9.	5.	38.
500N	<.1		4.	2.	7.
525N	<.1		5.	6.	11.
550N	<.1		22.	15.	31.
575N	<.1		10.	7.	18.
600N	<.1		11.	7.	35.
625N	<.1		25.	12.	56.
700N	<.1		9.	30.	41.

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
750E					
725N	<.1		57.	40.	54.
750N	<.1		50.	56.	66.
775N	<.1		74.	54.	64.
800N	<.1		98.	115.	105.
825N	<.1		28.	29.	49.
850N	<.1		67.	51.	60.
875N	<.1		53.	110.	77.
900N	<.1		65.	80.	69.
LINE B					
25	<.1		50.	24.	82.
75	<.1		19.	17.	76.
150	<.1		16.	10.	51.
175	<.1		8.	7.	42.
200	<.1		10.	3.	36.
225	<.1		8.	N D	38.
250	<.1		7.	N D	32.
275	<.1		8.	N D	37.
300	<.1		8.	4.	11.
325	<.1		5.	3.	8.
350	<.1		24.	3.	67.
375	<.1		30.	6.	57.
400	<.1		41.	6.	67.
425	<.1		50.	14.	69.
450	<.1		70.	22.	81.
475	<.1		44.	16.	74.
500	<.1		59.	12.	78.
525	<.1		17.	11.	51.
550	<.1		9.	N D	36.
575	<.1		8.	3.	15.
600	<.1		30.	10.	44.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *Z=POSTED AS Z; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 248C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
LINE B					
625	<.1		22.	21.	40.
1200W					
1200S	<.1		31.	12.	63.
1225S	<.1		14.	10.	45.
1250S	<.1		17.	5.	62.
1275S	<.1		8.	5.	28.
1300S	<.1		17.	6.	35.
1325S	<.1		60.	28.	43.
1350S	<.1		13.	9.	50.
1375S	<.1		14.	7.	34.
1400S	<.1		40.	28.	30.
1425S	<.1		380.	50.	44.
1450S	<.1		250.	56.	30.
1475S	<.1		35.	34.	55.
1500S	<.1		44.	18.	71.
1525S	<.1		56.	22.	77.
1550S	<.1		49.	15.	59.
1575S	<.1		42.	16.	72.
1600S	<.1		42.	15.	70.
1625S	<.1		29.	18.	60.
1650S	<.1		33.	23.	83.
1675S	<.1		5.	6.	13.
1700S	<.1		15.	11.	49.
1725S	<.1		22.	8.	38.
1800S	<.1		34.	5.	62.
1825S	<.1		200.	220.	94.
1850S	<.1		7.	8.	9.
1875S	<.1		11.	5.	19.
1900S	<.1		8.	3.	29.
1925S	<.1		55.	35.	69.

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
1200W					
1950S	<.1		24.	15.	28.
1975S	<.1		13.	6.	12.
2000S	<.1		49.	29.	79.
2050S	<.1		31.	11.	45.
2075S	<.1		13.	N D	41.
2100S	<.1		22.	10.	33.
2125S	<.1		10.	8.	13.
2150S	<.1		37.	7.	78.
2175S	<.1		8.	2.	14.
2200S	<.1		5.	9.	8.
2225S	<.1		140.	38.	87.
2250S	<.1		64.	18.	71.
2275S	<.1		185.	15.	65.
2300S	<.1		13.	2.	25.
2325S	<.1		19.	8.	36.
2350S	<.1		67.	25.	79.
2375S	<.1		61.	28.	96.
2400S	<.1		69.	38.	84.
00					
0S(A)	<.1		39.	14.	73.
25S(A)	<.1		16.	40.	95.
0S(B)	M S		M S	M S	M S
25S(B)	<.1		17.	36.	137.
50S	<.1		36.	17.	80.
75S(A)	<.1		90.	24.	24.
75S(B)	<.1		81.	30.	32.
100S	<.1		32.	38.	85.
125S	<.1		18.	42.	48.
150S	<.1		20.	48.	44.
175S	<.1		48.	36.	54.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

09/OCT/81
PAGE 11 OF 14
WORK ORDER # 248C-81

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
00					
200S	<.1		28.	28.	51.
225S	<.1		20.	23.	46.
250S	<.1		26.	27.	52.
275S	<.1		16.	17.	49.
300S	<.1		9.	8.	76.
325S	<.1		28.	8.	80.
350S	<.1		11.	12.	52.
375S	<.1		35.	40.	56.
400S	<.1		79.	70.	46.
425S	<.1		49.	75.	84.
450S	<.1		52.	110.	83.
475S	<.1		23.	75.	61.
500S	<.1		20.	20.	30.
525S	<.1		10.	15.	23.
550S	<.1		19.	25.	49.
575S	<.1		9.	45.	38.
600S	<.1		27.	26.	58.
625S	<.1		34.	17.	56.
650S	<.1		29.	44.	69.
675S	<.1		31.	29.	75.
700S	<.1		14.	5.	20.
725S	<.1		18.	7.	59.
750S	<.1		14.	10.	49.
775S	<.1		24.	5.	60.
800S	<.1		17.	16.	10.
825S	<.1		23.	16.	64.
850S	<.1		10.	12.	38.
875S	<.1		25.	18.	61.
900S	<.1		31.	16.	56.
925S	<.1		8.	5.	28.

AUTHORITY: G. NOLIN

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
00					
950S	<.1		50.	29.	63.
600W					
25S	<.1		14.	N D	28.
50S	<.1		6.	5.	17.
75S	<.1		13.	22.	45.
100S	<.1		34.	20.	64.
125S	<.1		42.	50.	77.
150S	<.1		13.	13.	75.
175S	<.1		33.	17.	70.
200S	<.1		34.	30.	75.
225S	<.1		28.	9.	67.
250S	<.1		29.	21.	64.
275S	<.1		20.	19.	55.
300S	<.1		31.	32.	69.
325S	<.1		36.	46.	81.
350S	<.1		37.	24.	87.
375S	<.1		39.	22.	83.
400S	<.1		36.	28.	79.
425S	<.1		26.	6.	71.
450S	<.1		15.	5.	40.
475S	<.1		9.	8.	81.
500S	<.1		36.	23.	64.
525S	<.1		38.	20.	67.
550S	<.1		29.	18.	55.
575S	<.1		27.	12.	70.
600S	<.1		20.	11.	82.
625S	<.1		21.	9.	75.
650S	<.1		20.	10.	70.
675S	<.1		20.	14.	62.
700S	<.1		34.	22.	79.

*P=QUESTIONABLE PRECISION; *I=INTERFERENCE; *%=POSTED AS %; T=TRACE; ND=NOT DETECTED; NA=NOT ANALYZED; IS=INSUFFICIENT SAMPLE; MS=MISSING SAMPLE

AUTHORITY: G. NOLIN

09/OCT/81
PAGE 13 OF 14
WORK ORDER # 248C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
600W					
725S	<.1		27.	17.	75.
750S	<.1		34.	16.	67.
775S	<.1		36.	13.	81.
800S	<.1		37.	11.	69.
825S	<.1		28.	23.	72.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 248C-81

BLUE SKY OIL & GAS LTD.,
7TH FLOOR,
333 5TH AVE. S.W.,
CALGARY, ALTA. T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
STREAM SEDIMENT

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
00+2620S	<.1	.02	36.	21.	68.
1350W					
1580S	<.1	.18	45.	24.	76.
1942S	<.1	<.01	49.	32.	90.
1500W					
1510S	<.1	.01	49.	35.	78.
1850S	<.1	.01	30.	24.	66.
750E					
380N	<.1	.02	49.	23.	82.
1200W					
1200S	<.1	.02	49.	14.	72.
1605S	<.1	.03	36.	16.	65.
00+300	<.1	.02	13.	8.	188.
600W					
556S	<.1	<.01	32.	13.	56.
763S	<.1	<.01	34.	23.	77.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 238C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
400W					
0S	<.1		30.	30.	60.
100S	<.1		14.	45.	74.
150S	<.1		35.	29.	64.
200S	<.1		35.	33.	70.
250S	<.1		22.	27.	61.
300S	<.1		26.	32.	74.
350S	<.1		27.	16.	56.
400S	<.1		17.	17.	47.
450S	<.1		15.	14.	34.
500S	<.1		43.	35.	74.
550S	.2		16.	12.	33.
600S	.1		18.	37.	60.
650S	<.1		10.	17.	37.
700S	<.1		9.	12.	23.
750S	<.1		18.	16.	40.
800S	<.1		16.	19.	31.
850S	<.1		14.	6.	30.
900S	<.1		8.	22.	16.
950S	<.1		14.	18.	38.
450W					
0N	<.1		45.	52.	67.
25N	<.1		43.	40.	77.
50N	<.1		36.	34.	65.
75N	<.1		31.	15.	58.
100N	<.1		20.	15.	43.
125N	<.1		18.	16.	41.
150N	<.1		25.	6.	47.
175N	<.1		20.	13.	44.
200N	<.1		45.	24.	76.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 2380-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
450W					
225N	.2		40.	21.	66.
250N	.1		52.	31.	56.
275N	<.1		42.	20.	70.
300N	<.1		83.	52.	64.
325N	<.1		40.	46.	73.
350N	<.1		23.	21.	61.
375N	<.1		31.	23.	68.
400N	<.1		37.	20.	60.
425N	.1		68.	55.	76.
450N	<.1		72.	68.	72.
475N	<.1		35.	12.	61.
500N	<.1		18.	10.	64.
525N	<.1		24.	14.	70.
550N	<.1		18.	10.	60.
575N	<.1		33.	30.	72.
600N	<.1		25.	25.	66.
625N	<.1		15.	4.	44.
650N	.1		14.	7.	68.
675N	<.1		17.	13.	93.
700N	<.1		62.	38.	95.
725N	<.1		20.	3.	80.
750N	<.1		25.	34.	77.
775N	<.1		60.	35.	78.
800N	<.1		11.	12.	38.
825N	<.1		16.	11.	57.
850N	<.1		27.	4.	78.
875N	<.1		33.	21.	68.
900N	<.1		25.	22.	70.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 238C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
600W					
0N	<.1		8.	7.	38.
25N	.3		13.	3.	43.
50N	.1		16.	8.	32.
75N	<.1		41.	23.	50.
100N	<.1		21.	24.	55.
125N	<.1		57.	34.	80.
150N	<.1		52.	31.	78.
175N	<.1		20.	4.	53.
200N	<.1		22.	12.	63.
225N	<.1		14.	10.	58.
250N	<.1		28.	93.	67.
275N	<.1		10.	13.	28.
300N	<.1		33.	30.	70.
325N	<.1		68.	38.	84.
350N	<.1		50.	14.	75.
375N	<.1		20.	15.	73.
400N	<.1		28.	12.	76.
425N	<.1		21.	16.	62.
450N	<.1		35.	15.	70.
475N	<.1		62.	39.	78.
500N	<.1		58.	34.	77.
525N	<.1		52.	41.	80.
550N	<.1		14.	10.	56.
575N	<.1		17.	17.	71.
600N	<.1		17.	7.	39.
625N	<.1		26.	18.	63.
650N	<.1		44.	40.	78.
675N	<.1		53.	32.	83.
700N	<.1		64.	23.	76.
725N	<.1		14.	10.	67.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 238C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
SOIL

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
600W					
750N	<.1		37.	5.	70.
850N	<.1		35.	13.	63.
875N	<.1		18.	21.	52.
900N	<.1		22.	21.	43.
450W					
1000S	<.1		25.	44.	60.
1050S	<.1		14.	21.	26.
1100S	<.1		7.	16.	24.
1150S	.1		12.	13.	42.
1200S	<.1		10.	13.	43.
1250S	<.1		13.	16.	50.
1300S	<.1		14.	28.	81.
1350S	<.1		12.	17.	51.
1400S	<.1		10.	16.	33.
1450S	<.1		11.	15.	40.
1500S	<.1		8.	19.	27.
1550S	<.1		10.	16.	43.
1600S	<.1		15.	25.	12.
1650S	<.1		12.	8.	9.
1950S	<.1		20.	39.	54.
00					
300S	.2		38.	30.	62.
1150N	<.1		11.	14.	46.
1200N	<.1		14.	83.	67.
1300N	<.1		19.	72.	51.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 2380-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
STREAM SEDIMENT

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
ACS					
1	.1		29.	147.	440.
2	<.1		24.	13.	120.
3	<.1		22.	9.	110.
4	<.1		26.	17.	130.
5	.4		21.	15.	110.
5A	.5		33.	13.	150.
6	.1		19.	13.	80.
7	.4		68.	44.	170.
8	.2		15.	20.	165.
9	.1		21.	6.	85.
10	<.1		11.	5.	120.
LVS					
1	.1		28.	31.	180.
2	.2		31.	27.	170.
3	<.1		26.	20.	140.
4	<.1		88.	28.	330.
5	<.1		36.	19.	130.
6	<.1		40.	31.	160.
7	<.1		41.	29.	190.
CCS					
1	<.1		34.	32.	140.
2	<.1		39.	31.	170.
3	<.1		37.	27.	150.
4	.1		36.	28.	150.
5	<.1		33.	28.	150.
6	<.1		38.	26.	160.
7	.4		32.	25.	140.
8	<.1		41.	41.	190.
9	<.1		36.	21.	140.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 238C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
STREAM SEDIMENT

SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
CCS					
10	<.1		30.	29.	140.
11	<.1		37.	28.	160.
12	<.1		34.	43.	170.
13	<.1		33.	19.	140.
14	<.1		29.	21.	140.
15	<.1		30.	26.	160.
SVES					
1	<.1		45.	310.	410.
2	.1		46.	215.	370.
3	.3		44.	185.	340.
5	.2		50.	41.	220.
6	.4		52.	40.	210.
7	.2		48.	42.	200.
9	.1		43.	21.	190.
10	.1		49.	25.	210.
SCS					
1	<.1		37.	31.	160.
BL 00+600W	.5		18.	8.	180.
00+50S	.3		46.	130.	210.
25W+25N	.2		34.	55.	260.
50W+25S	.2		32.	26.	120.
50W+300N	.2		42.	65.	270.
150W+00	.5		32.	19.	120.
150E+125S	.3		33.	78.	220.
150W+550N	.2		47.	70.	280.
150N+215W	.3		36.	64.	290.
200N+75W	.1		45.	86.	300.
200W+150S	.4		35.	22.	120.
200E+175S	.2		30.	41.	140.

AUTHORITY: G. NOLIN

09/OCT/81

WORK ORDER # 238C-81

BLUE SKY OIL & GAS LTD.,
7TH FL, 333 5TH AVE. S.W.,
CALGARY, ALBERTA.
T2P 3B6

PRELIMINARY REPORT

G E O C H E M I C A L L A B O R A T O R Y R E P O R T

SAMPLE TYPE:
STREAM SEDIMENT

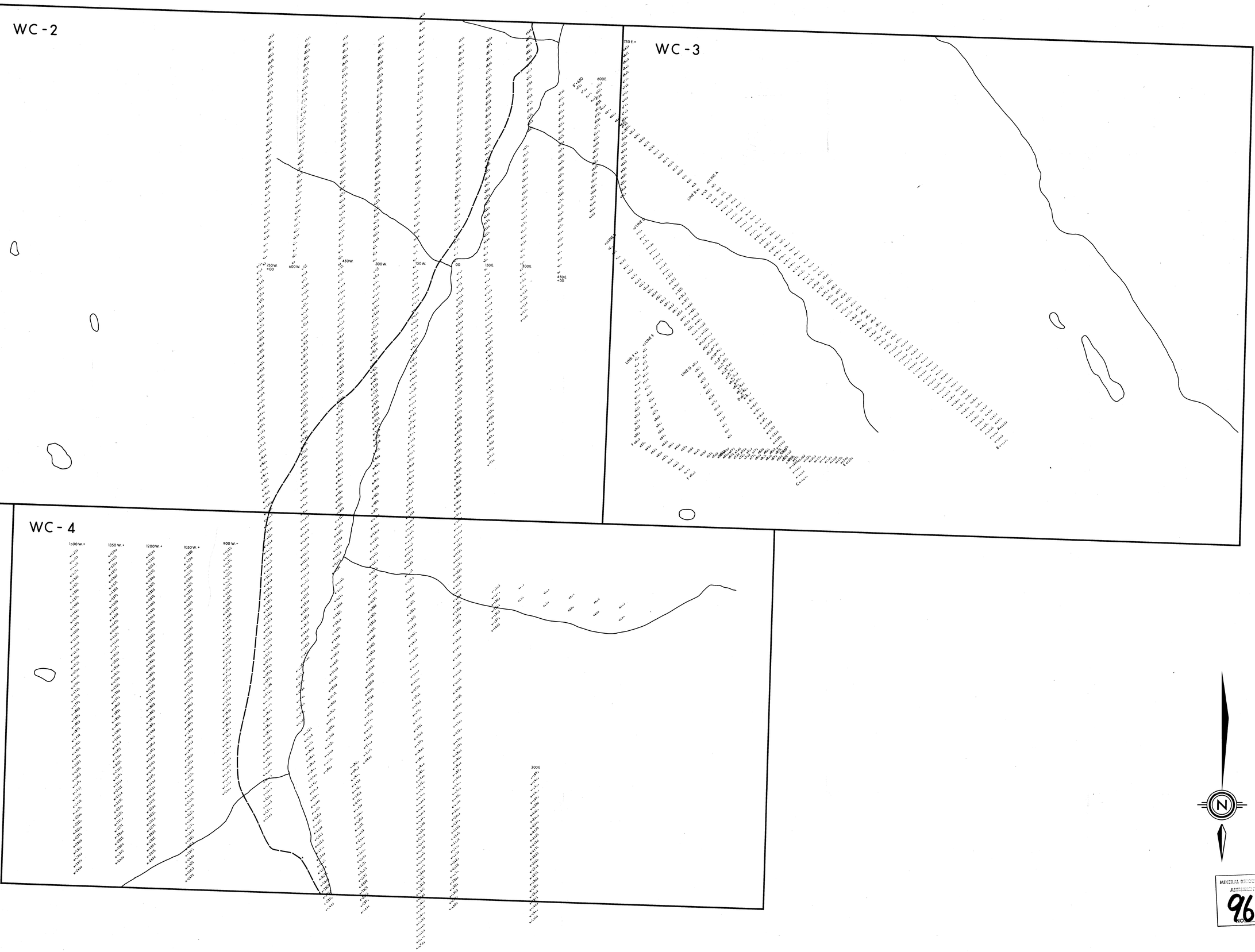
SAMPLE #	AG PPM	AU PPM	CU PPM	PB PPM	ZN PPM
300E+160S	.5		31.	70.	170.
400N+00	.2		45.	82.	360.
400E+180S(VCS)	.3		32.	110.	170.
400E+180S	.3		32.	65.	200.
400W+25S	1.1		26.	16.	95.
475N+125W	.1		40.	44.	200.
450W+24N	.5		46.	30.	190.
450W+406N	1.1		125.	95.	180.
450W+489N	4.		47.	26.	200.
450W+625N	.4		37.	49.	220.
450W+650N	.7		41.	25.	150.
450W+690N	.7		28.	36.	140.
450W+725N	.6		26.	51.	130.
450W+750N	.6		32.	36.	130.
450W+785N	.7		40.	34.	170.
450W+896N	1.		53.	27.	180.
525E+150S	1.		33.	50.	190.
550W+25N	1.		29.	42.	170.
550W+215S	1.4		30.	19.	110.
600W+175N	.2		31.	46.	250.
600W+640N	.9		48.	26.	180.
650N+150W	1.		9.	2.	60.
675E+130S	.7		39.	38.	180.
710E+125S	.9		33.	44.	175.
800N+200W	.7		55.	78.	330.


1000
2000
3000
3000
2000
2000
1000
1000
+30
+14
+35
+35
+22
+26
+27
+17
+15
+43
+16
+18
+10
+9
+18
+16
+14
+8
+14
+25
+14
+7
+12
+10
+13
+16
+2
+9
+10
+18
+10
+12
+8
+32
+6
+18
+21
+40
+24
+25
+17
+48
+14
+36
+42
+14
+13
+5
+17
+18
+18
+13
+16
+21
+23
+31
+14
+18
+29
+93
+11
+20
+12
+33
+14
+18
+18
+19
+14
+25
+17
+32
+15
+8
+16
+35
+8
+9
+15
+9
+15
+16
+13
+7
+20
+17
+17
+17
+21
+13
+9
+2
+17
+22
+21
+14
+15
+9
+22
+7
+54
+11
+14
+18
+8
+10
+38
+12
+10
+8
+9
+11
+23
+88
+24
+29
+26
+12
+22
+8
+21
+15
+16
+9
+15
+23
+26
+40
+94
+18
+175
+17
+23
+18
+81
+15
+28
+30
+37
+13
+17
+14
+18
+23
+24
+11
+18
+14
+15
+14
+12
+26
+31
+81
+12
+23
+14
+5
+10
+15
+8
+3
LEGEND
LEVEL 1 0.0 - 21.0
LEVEL 2 21.0 - 40.0
LEVEL 3 40.0 - 59.0
LEVEL 4 59.0 - 10000.0
BLUESKY OIL & GAS
CRYSTAL CREEK AREA
GEOCHEMICAL MAP - COPPER
TO ACCOMPANY REPORT BY:
G.NOLIN-P.Geol.
OCT. 1981
MUREX COMPUTER SERVICES LTD.
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9671
NO.

WC - 2

WC - 3

WC - 4

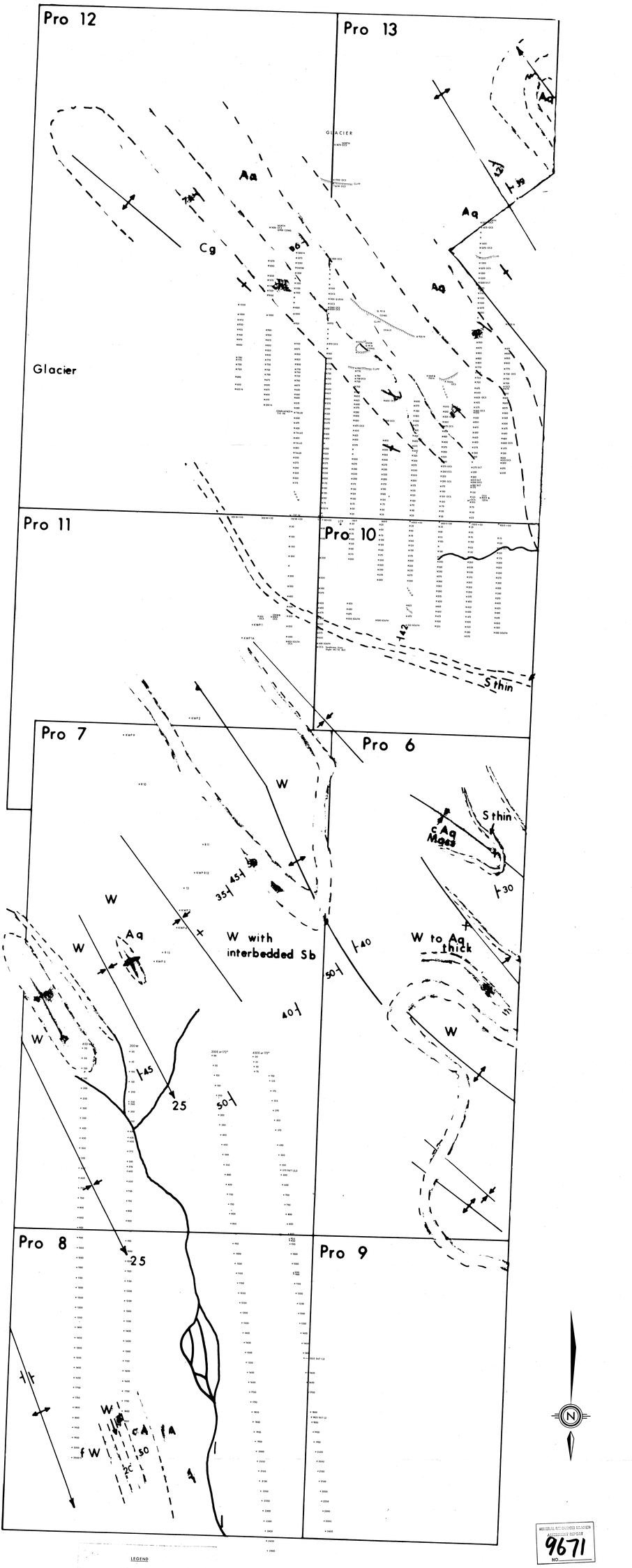


BlueSky Oil & Gas Ltd.

CRYSTAL CREEK PROJECT
BRITISH COLUMBIA

WARREN CREEK

SCALE: 1:5000 (Approx.)	**CONTOUR INT:**
GEOLOGY BY: G. Nolin	**DATE:** October 1981



LEGEND

LITHOLOGY

C a n h	Conglomerate , gravel , pebble , boulder	4-30cm , 30-100cm , >100 mm
A a	Arenite , quartz , >75%	
W	Wacke >15% matrix	
S z _ h	Shale green , black (normal-grey)	
L	Limestone	
Li	Dolitic Limestone	
qv	Quartz Vein	

MODIFIERS

f	Fine grained	c	Coarse grained
Calc	Calcareous	Ser	Sericite
Chl	Chloritic	Sil	Silicified
Py	Pyrite	Fol	Foliated
Lam	Laminated 1 - 1 cm		
Thin	Thinly Bedded 1 - 10 cm		
	Medium Bedded 10 - 100 cm		
Thick	Thickly Bedded 1 - 100 m		
Mass	Massively Bedded >10 m		
g.b.	Graded Bedding		
Mot	Mottled/ore		
Cav	Cherty/arenite		

STRUCTURE

	GEOLOGICAL BOUNDARY , defined , approx.
	BEDDING Tops Know Horiz , Vert , Over Tops Unknown , Inclined
	FOLIATION Inclined , Vertical
	JOINT Inclined , Vertical
	FAULT , SHEAR ZONE , defined , approx.
	ANTICLINE , SYNCLINE
	ANTICLINE , SYNCLINE OVERTURNED
	ANTICLINE , SYNCLINE PLUNGE

MINERAL RESOURCES DIVISION
ASSESSMENT REPORT
9671
NO.

BlueSky Oil & Gas Ltd.

CRYSTAL CREEK PROJECT
BRITISH COLUMBIA

PRO

SCALE: 1:5,000 (Approx.)	CONTOUR INT:
GEOLOGY BY: G. Nolin	DATE: July 1981

51°00'

117°00'

DEB 1 | DEB 2 | DEB 3 | DEB 4 | DEB 5 | DEB 6

PUR 6 | PUR 5 | PUR 3 | PUR 4 | PUR 2 | PUR 1

PURCELL MTNS.

S 1 | S 2 | S 3

COG 1 | COG 2 | COG 3 | COG 4 | COG 5 | COG 6 | COG 7 | COG 8 | COG 9 | COG 10 | COG 11 | COG12 | COG13 | COG14 | COG15

PRO 1 | PRO 6 | PRO 7 | PRO 8 | PRO 9 | PRO10 | PRO11 | PRO 12 | PRO 13

TECT 1 | TECT 2 | TECT 3 | TECT4

BOO 1 | BOO 2 | BOO 3 | BOO 4 | BOO 5 | BOO 7

WELL 1 | WELL 2 | WELL 3 | WELL 4 | WELL 5 | WELL 6 | WELL 7 | WELL 8 | WELL 9 | WELL 10 | WELL 11 | WELL 12 | WELL 13 | WELL 14 | WELL15 | WELL 16

WC 1 | WC 2 | WC 3 | WC 4 | WC 5 | WC6 | WC 7 | WC 8 | WC 9 | WC 10 | WC11 | WC12 | WC13 | WC14

L1 | L 2

W1 | W2

PR 1 | PR 2

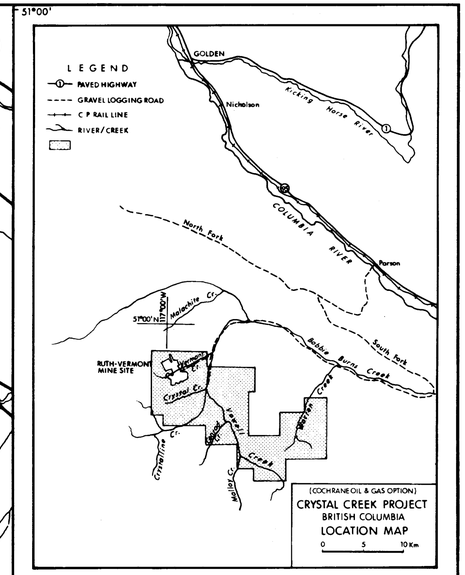
Spillimacheen River | Bobbie Burns Creek | Warren Creek | Volkmar Creek | Conrad Creek | Malloy Creek | Kain Creek | Rockypoint Creek | Crystalline Creek | Carbonate Cr. | Malachite Cr. | Vermont Creek | Snowman Lake

GOLDEN M.D. | SLOCAN M.D. | MT. SYPHAX | SYNCLINE MTN | SNOWMAN PASS | DELUGE MTN. | OSPREY PK.

BUGABOO RECREATION AREA

Conrad Icefield

SNOW



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 9671

BLUESKY CLAIMS

TRUCK ROAD

BlueSky Oil & Gas Ltd.

(COCHRANE OIL AND GAS OPTION)

CRYSTAL CREEK PROJECT
BRITISH COLUMBIA
LAND HOLDINGS MAP

1 .5 0 1 2 Miles
1 .5 0 1 2 3 Kilometres

NTS 82-K-14E, 15W, 15E

JANUARY, 1980

2000

7000

6000

+35
+33
+31
+38
+33
+39
+33
+40

+39
+27
+25
+29
+21
+21

+49
+25
+15
+19
+23
+34
+40
+40
+43
+45
+53
+82
+94
+45
+55
+58
+67

+37
+53
+55
+23
+42
+22
+22

+20
+13
+41

+8
+21
+24
+28
+24
+29

+18
+17
+31
+25
+19
+45
+28
+44

+41
+50

+42

+59

+13
+15
+4
+7
+22
+25

+59

+48

+50

+75

+14

+11

+27
+26

+16
+17
+9

+21
+21
+15
+15
+15
+18
+17
+15
+25
+11
+7
+19
+16
+14

+41
+41
+37
+40
+39
+38
+35
+43
+7
+23
+18
+15
+17
+43
+31

+36

+30

+35

+42

+50

+46

+46

+55

+80

+99

+16
+100
+13
+10
+4
+12
+4
+17
+25
+6
+26
+20
+35
+23
+45
+9
+15
+13
+3
+9
+5
+82
+23
+5
+25
+13
+3
+4
+4
+29
+20
+16
+2
+4
+2
+9
+22
+48
+50

+41

+96

+47

+37

+25

+14
+14
+13
+19
+13
+28
+3
+18
+39
+18
+10
+8
+7
+11
+9
+26
+21
+21
+26
+16
+3
+10
+4
+15
+16
+21
+5
+15
+12
+9
+19
+52
+7
+19
+21
+45
+95

+65

+66

+59

+99

+10
+17
+22
+12
+19
+19
+3
+25
+9
+3
+13
+19
+18
+16
+53
+6
+18
+36
+1
+38
+22
+2
+30
+14
+16
+16
+6
+6
+32

+31

+48
+19

+19
+11
+19
+22
+30
+75

+5

+49
+50
+26
+60
+48
+4
+35
+23
+50
+37
+20
+30

+35
+23
+20
+25
+26
+14
+9
+35
+49
+30
+26
+29
+46

+32
+14

+16
+4

+19

+11

+14
+20
+21
+27
+18

+11
+16
+48
+22
+12
+8
+23
+21
+14
+45
+14
+24
+24
+48
+27
+15
+46
+60
+36
+51
+27
+50
+41
+58
+53
+43
+51
+55
+56
+79
+56
+83

+12
+10
+17
+35
+17
+11
+10
+9

+34
+17
+18
+15
+18
+14
+18
+17
+15
+16
+20
+10
+27
+17
+17
+17
+10

+14
+45

+28
+25
+37
+36
+34
+40
+41
+42
+42
+40
+43
+47
+45
+48
+49
+45
+45

+56
+57

LEGEND

LEVEL 1	0.0	- 30.0
LEVEL 2	30.0	- 50.0
LEVEL 3	50.0	- 70.0
LEVEL 4	70.0	- 10000.0

BLUESKY OIL & GAS

CRYSTAL CREEK AREA

GEOCHEMICAL MAP - COPPER

TO ACCOMPANY REPORT BY:

G. NOLIN - P.Geol. | OCT. 1981 | MUREX COMPUTER SERVICES LTD.

1000 2000

3000

+60 +74 +64 +70 +61 +74 +56 +47 +34 +74 +33 +60 +37 +23 +40 +31 +30 +16 +38 +60 +26 +24 +42 +43 +50 +81 +51 +33 +40 +27 +43 +12 +9 +54

+45 +6 +28 +14 +62 +14 +55 +16 +76 +35 +43 +53 +74 +45 +84 +56 +77 +73 +95 +54 +60 +36 +25 +85 +61 +59 +62 +69 +83 +68 +52 +30 +57 +58 +68 +48

+38 +54 +51 +52 +55 +67 +38 +74 +40 +61 +35 +37 +68 +79 +35 +19 +67 +50 +66 +59 +41 +48 +51 +59 +65 +51 +54 +56 +32 +13 +40 +65 +63 +36 +38 +67 +55 +20 +34 +42 +42 +52 +36 +41 +57 +24 +69 +46 +39 +47

+90 +70 +105 +69 +74 +61 +56 +35 +58 +12 +56 +54 +54 +62 +70 +63 +62 +30 +102 +63 +69 +60 +83 +57 +70 +76 +75 +55 +51 +42 +69 +58 +60 +39 +70 +46 +57 +55 +54 +63 +68 +80 +45 +71 +47 +15 +32 +12 +27 +11

3000

2000

2000

1000

1000

LEGEND

LEVEL 1	0.0 - 51.0
LEVEL 2	51.0 - 71.0
LEVEL 3	71.0 - 91.0
LEVEL 4	91.0 - 10000.0

BLUESKY OIL & GAS

CRYSTAL CREEK AREA

GEOCHEMICAL MAP - ZINC

TO ACCOMPANY REPORT BY:

G. NOLIN - P.Geol. | OCT. 1981 | MUREX COMPUTER SERVICES LTD.

1000

2000

3000

3000

2000

2000

1000

1000

LEGEND

LEVEL 1	0.0	- 0.1
LEVEL 2	0.1	- 0.2
LEVEL 3	0.2	- 0.3
LEVEL 4	0.3	- 100.0

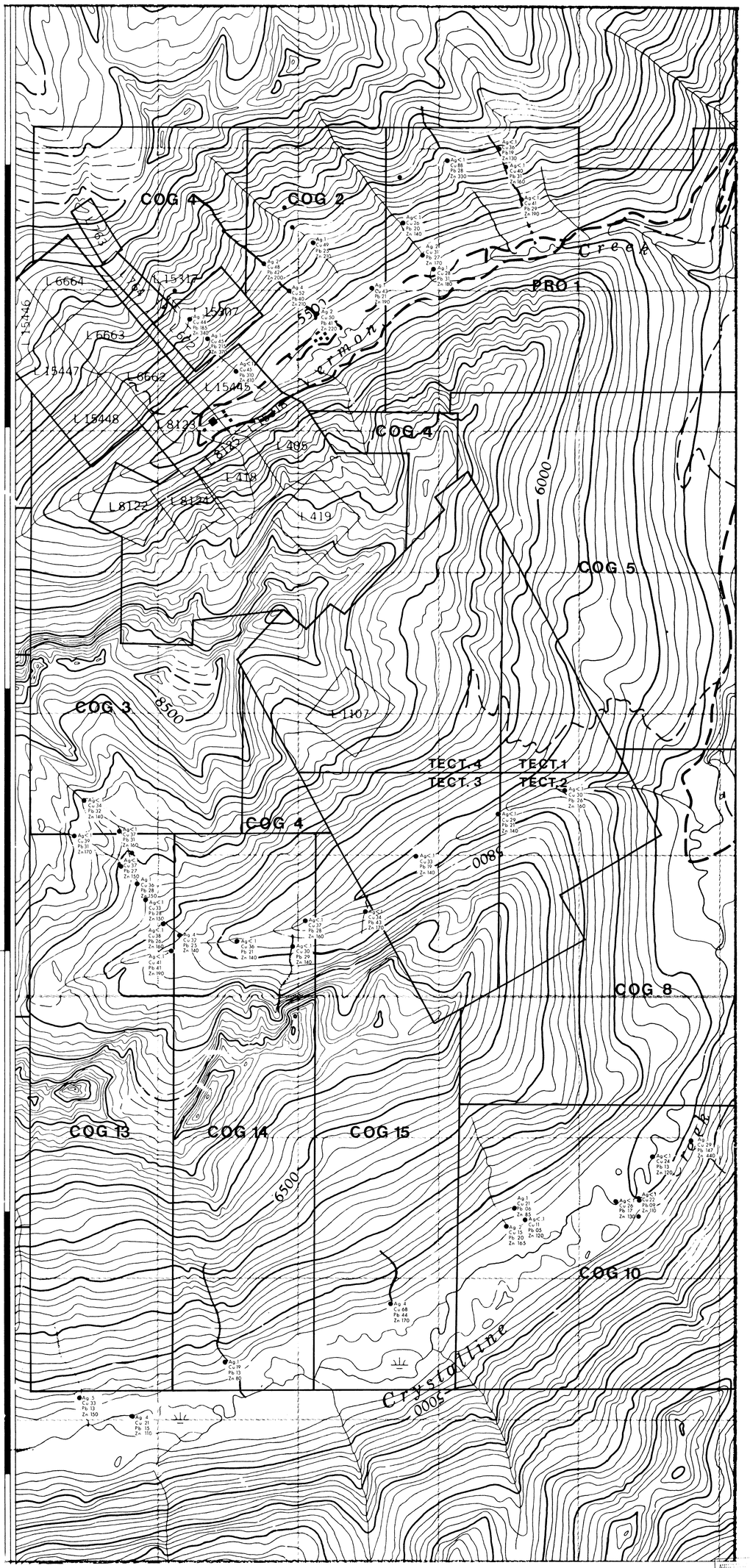
BLUESKY OIL & GAS

CRYSTAL CREEK AREA

GEOCHEMICAL MAP - SILVER

TO ACCOMPANY REPORT BY:

G.NOLIN-P.Geol. | OCT. 1981 | MUREX COMPUTER SERVICES LTD.

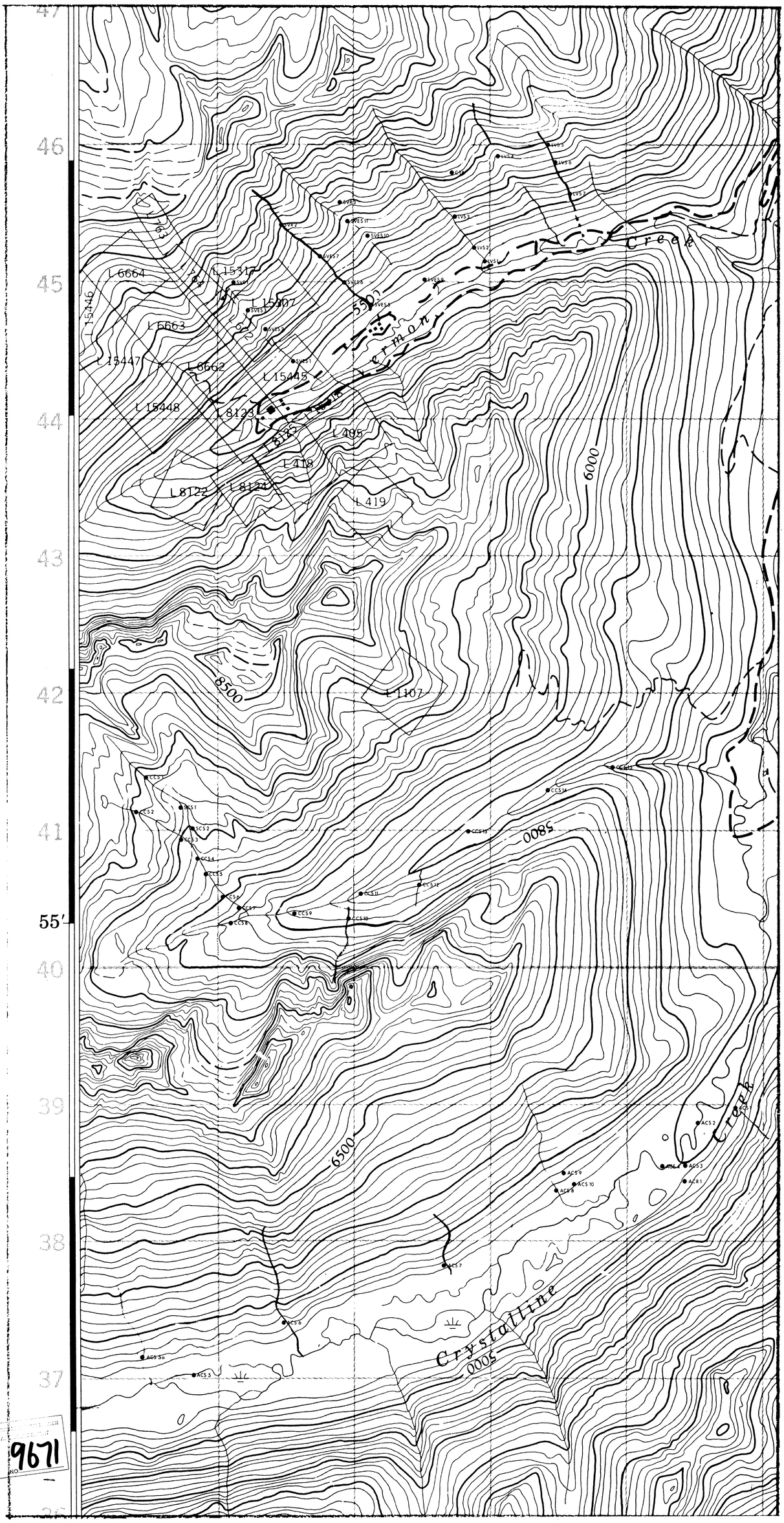


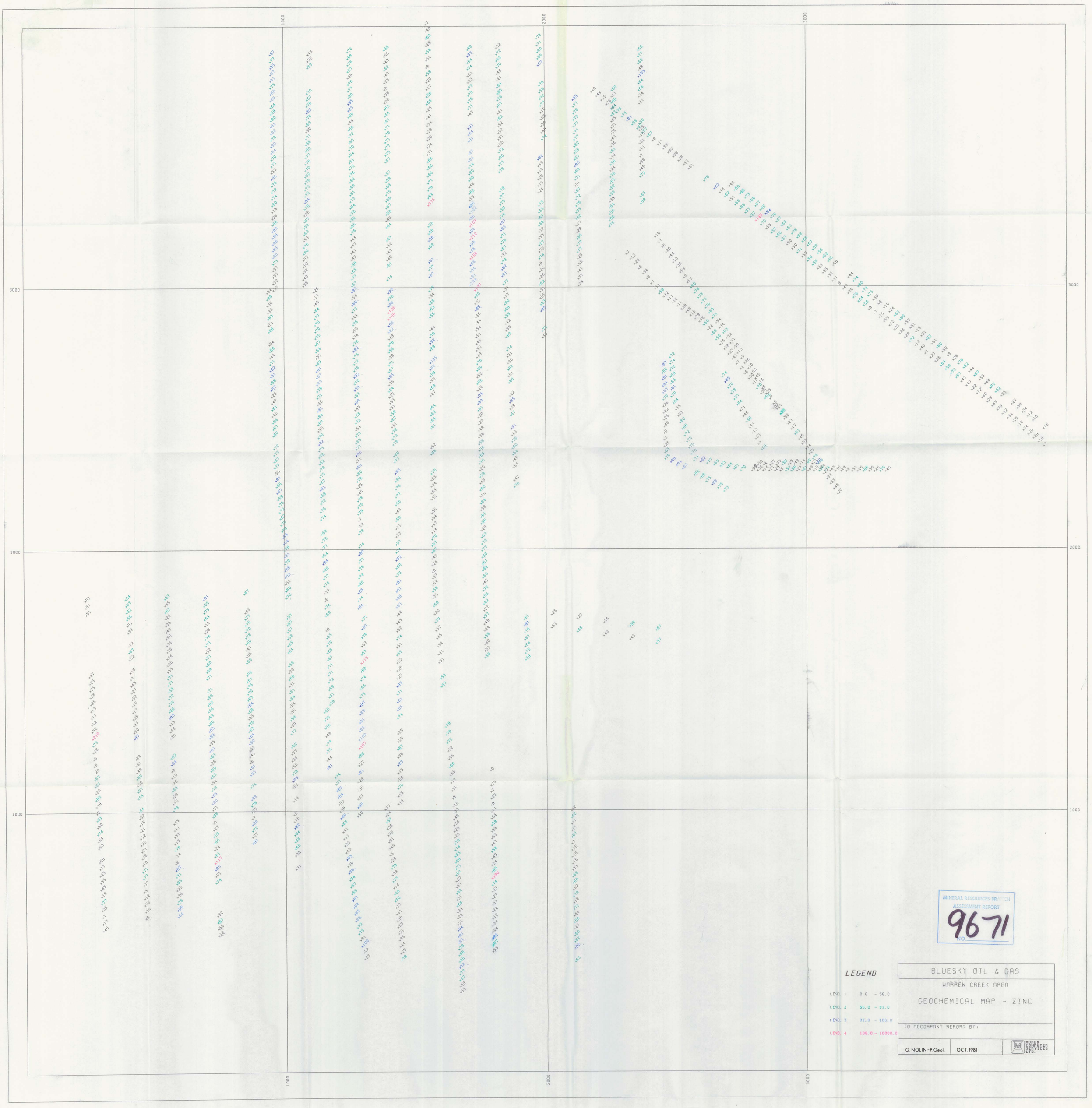
BlueSky Oil & Gas Ltd.

CRYSTAL CREEK PROJECT
BRITISH COLUMBIA

SILT SAMPLES

SCALE: 1: 10,000 (Approx.)	CONTOUR INT: 100'
GEOLOGY BY: G. Nolin	DATE: Oct/81


L 6664
L 15317
L 15307
L 6663
L 15447
L 6662
L 15445
L 15448
L 8123
L 6665
L 405
L 418
L 8122
L 8121
L 419
L 1107
L 15446
6500
6000
5800
8500
Creek
Crystalline
55'



LEGEND

LEVEL 1	0.0 - 56.0
LEVEL 2	56.0 - 81.0
LEVEL 3	81.0 - 106.0
LEVEL 4	106.0 - 10000.0

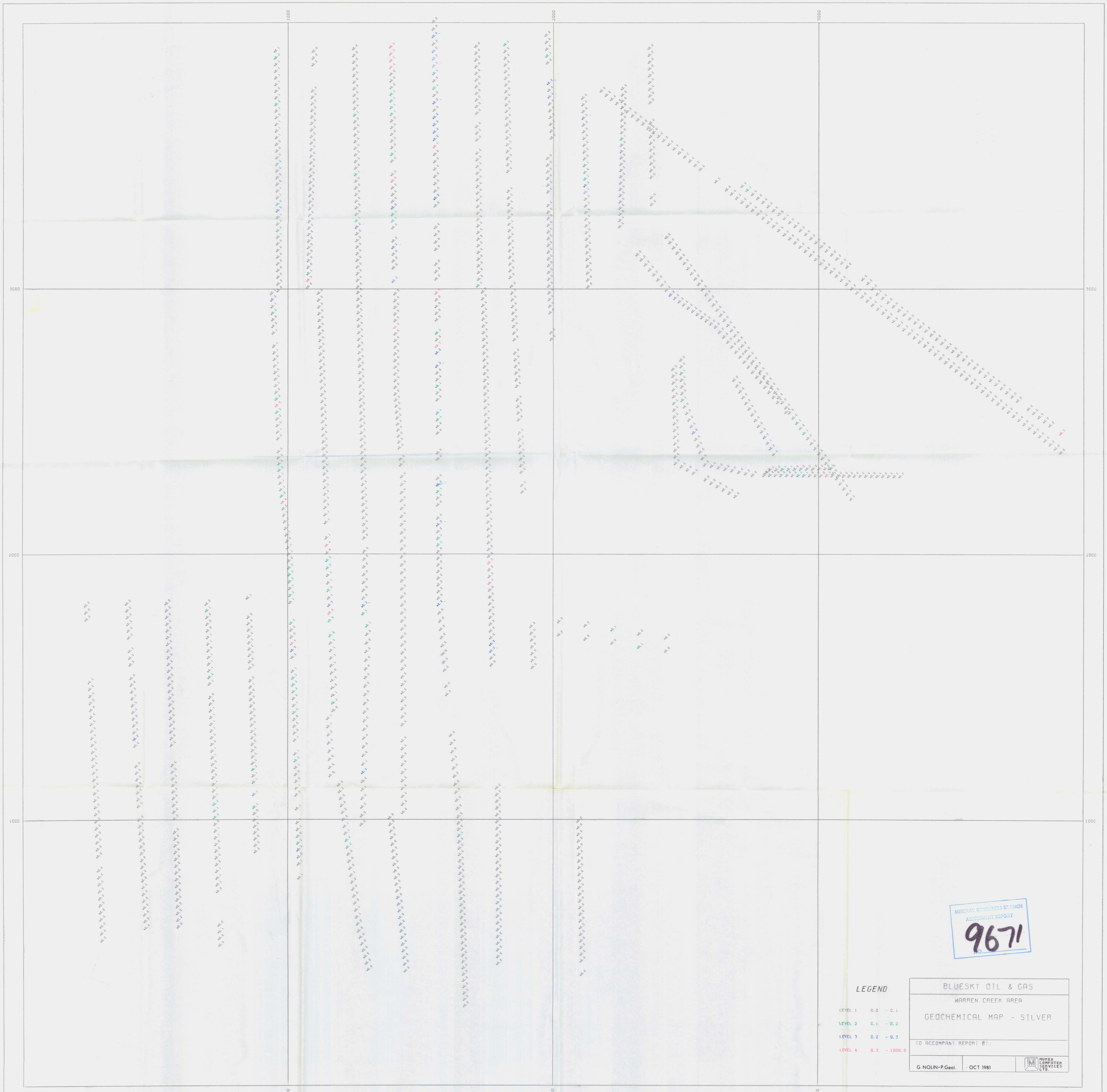
BLUESKY OIL & GAS

WARREN CREEK AREA

GEOCHEMICAL MAP - ZINC

TO ACCOMPANY REPORT BY:

G. NOLIN - P.Geol. | OCT. 1981 | MUREX COMPUTER SERVICES LTD.



LEGEND

LEVEL 1	0.0	- 0.1
LEVEL 2	0.1	- 0.2
LEVEL 3	0.2	- 0.3
LEVEL 4	0.3	- 1000.0

BLUESKY OIL & GAS

WARREN CREEK AREA

GEOCHEMICAL MAP - SILVER

TO ACCOMPANY REPORT BY:

G. NOLIN-P.Geol. | OCT. 1981 | MUREX COMPUTER SERVICES LTD.

LEGEND

LEVEL 1	0.0 - 20.0
LEVEL 2	20.0 - 38.0
LEVEL 3	38.0 - 56.0
LEVEL 4	56.0 - 10000.0

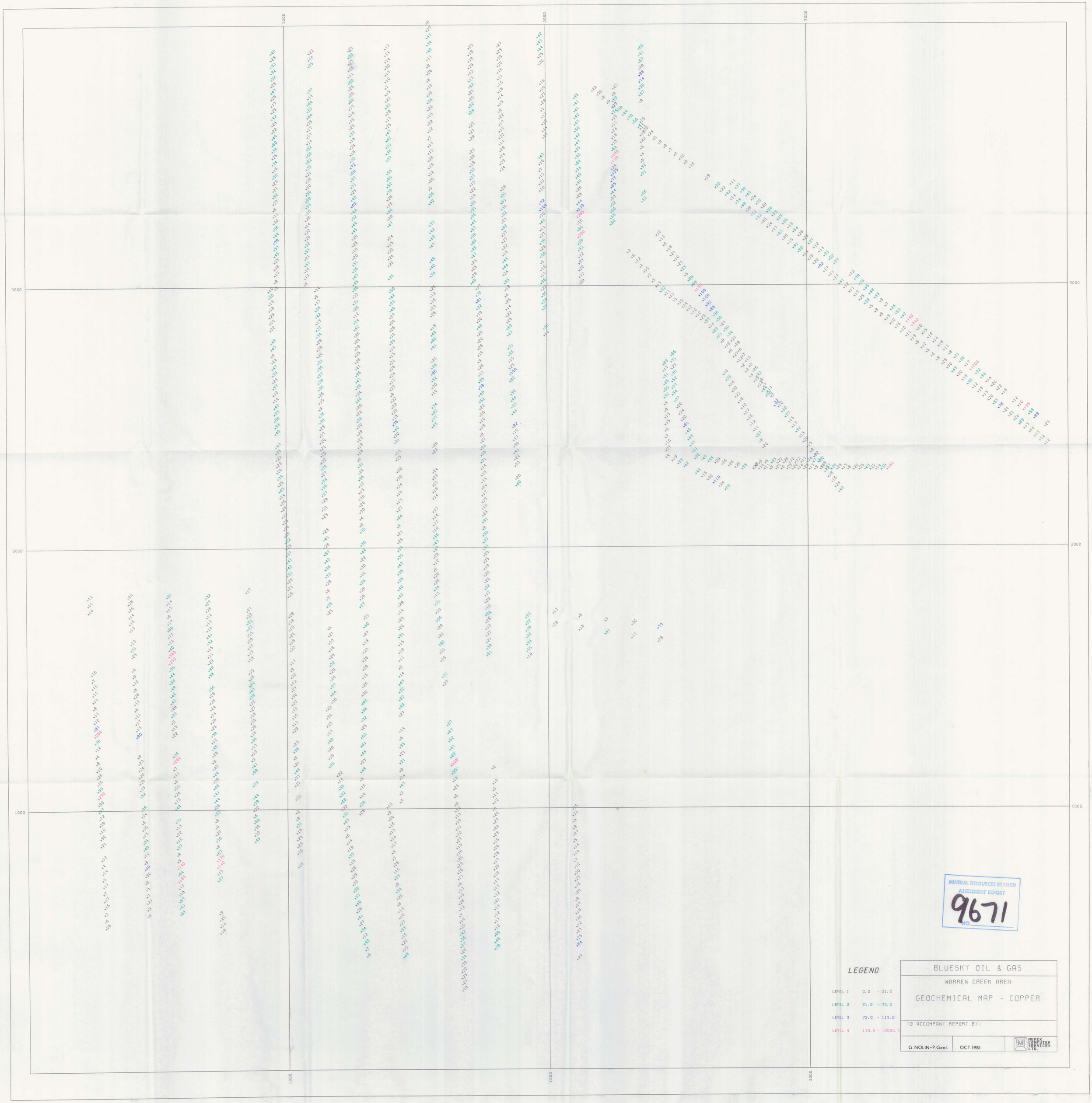
BLUESKY OIL & GAS

WARREN CREEK AREA

GEOCHEMICAL MAP - LEAD

TO ACCOMPANY REPORT BY:

G.NOLIN-P.Geol.	OCT. 1981	MUREX COMPUTER SERVICES LTD.



LEGEND

LEVEL 1	0.0	- 31.0
LEVEL 2	31.0	- 72.0
LEVEL 3	72.0	- 113.0
LEVEL 4	113.0	- 10000.0

BLUESKY OIL & GAS

WARREN CREEK AREA

GEOCHEMICAL MAP - COPPER

TO ACCOMPANY REPORT BY:

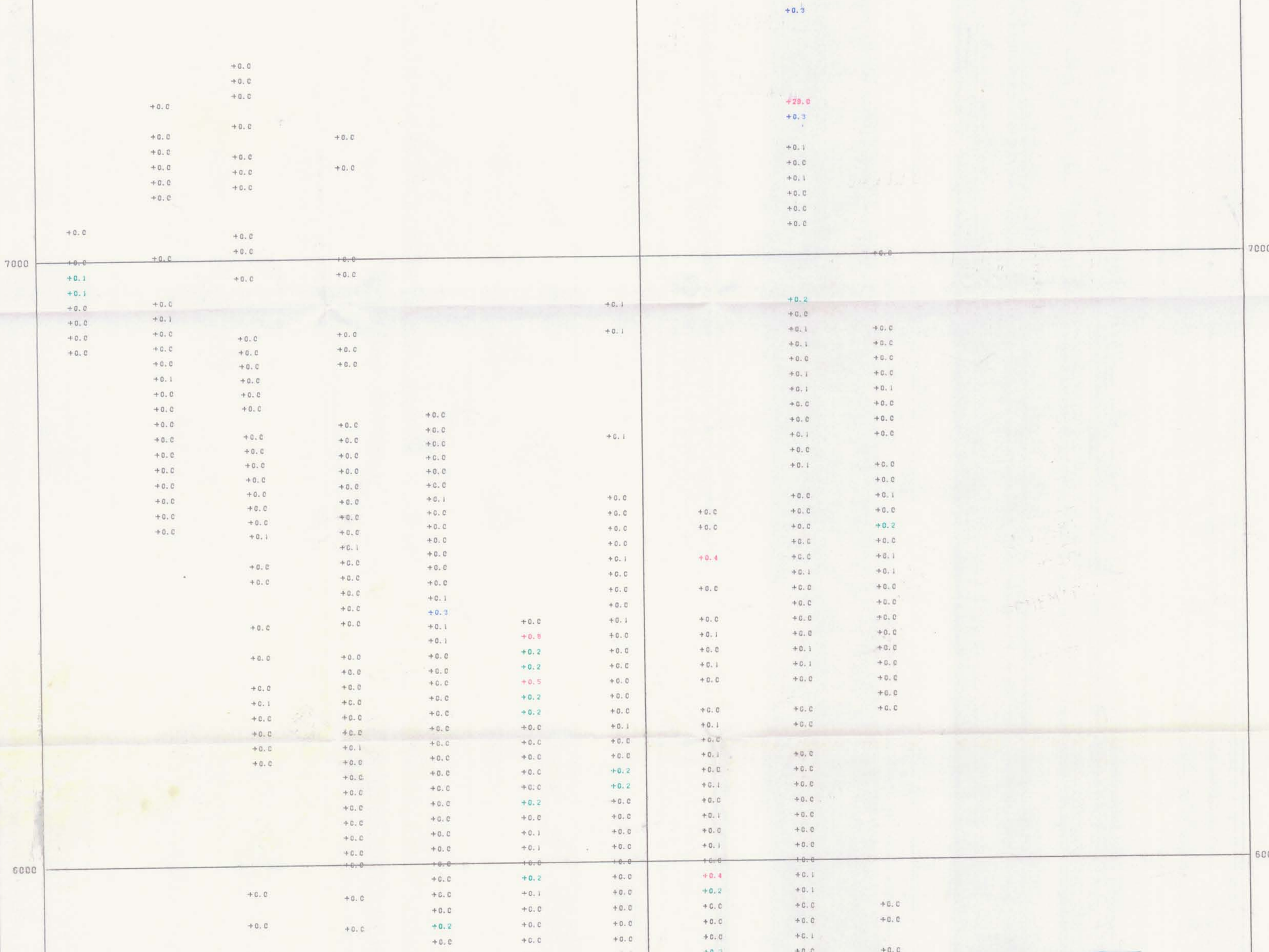
G.NOLIN-P.Geol. | OCT 1981 | MUREX COMPUTER SERVICES LTD.

2000

7000

6000

2000



LEGEND

LEVEL 1	0.0	- 0.1
LEVEL 2	0.1	- 0.2
LEVEL 3	0.2	- 0.3
LEVEL 4	0.3	- 100.0

BLUESKY OIL & GAS

CRYSTAL CREEK AREA

GEOCHEMICAL MAP - SILVER

TO ACCOMPANY REPORT BY:

G.NOLIN - P. Geol. | OCT. 1981 | MUREX COMPUTER SERVICES LTD.

2000

7000

7000

6000

6000

2000

+102

+127
+60
+62

+14

+21

+10
+18
+24
+19
+19

+83

+14

+22
+37
+26

+830
+224

+77
+10
+53
+31
+82
+55

+10

+18
+12

+57
+85
+170
+120
+134
+30
+97

+17

+40

+21
+26

+2

+32

+35

+70
+52
+30
+65
+72
+15
+25
+60
+116
+56
+41
+37

+36
+22
+13
+19
+20
+30
+110
+43
+132
+23
+50
+25
+140
+51
+32
+51

+11
+10
+24
+25
+25
+33

+15
+45
+15

+25
+20
+19
+77
+140
+35
+35
+15

+16
+36
+4
+3
+0
+3
+17
+22
+57
+8
+42
+12
+20
+27
+37
+75
+37
+14
+6
+27
+9
+80
+20
+9
+24
+10
+9
+3
+11
+18
+22
+22
+4
+60
+8
+6
+26
+30
+174
+25

+60
+29
+38
+13
+13
+30
+23
+27
+24
+17
+33
+34
+47
+26

+39
+69
+57
+135
+21
+63
+51
+49
+16
+22
+23
+63
+53
+49
+15

+12
+23
+12
+59
+49
+15
+5
+7
+6
+3
+12
+56
+34
+36
+31
+5
+17
+61
+5
+24
+19
+5
+30
+18
+25
+16
+2
+2
+54

+58

+59
+83
+6
+21
+28
+30
+9
+31
+52
+14
+15
+14
+10
+19
+13
+11
+21
+20
+20
+16
+20
+26
+11
+29
+15
+13
+9
+16
+12
+16
+14
+18
+6
+18
+27
+25
+58

+25

+25

+0
+6

+300

+30

+26
+44
+66
+74
+60

+10
+38
+73
+27
+14
+22
+38
+24
+38
+33
+43
+93
+49
+18
+16
+26
+99
+20
+21
+22
+19
+23
+26
+28
+30
+38
+23
+33
+32
+46
+53
+52

+38
+42
+54
+450
+54
+23
+3
+136
+147
+25
+41
+28
+45

+52
+20

+38
+7
+8
+22
+5
+39
+1
+38
+39
+15
+1
+7
+70
+26
+29
+27
+23
+25
+24
+23
+26
+27
+24
+23
+25
+24
+23
+26
+29

+27
+30

+32
+27

+32
+34
+30
+26
+17
+18
+20
+25
+27
+25
+21
+23
+22
+27
+30
+25
+25

LEGEND

LEVEL 1	0.0	- 39.0
LEVEL 2	39.0	- 94.0
LEVEL 3	94.0	- 149.0
LEVEL 4	149.0	- 10000.0

BLUESKY OIL & GAS

CRYSTAL CREEK AREA

GEOCHEMICAL MAP - LEAD

TO ACCOMPANY REPORT BY:

G. NOLIN - P. Geol. | OCT. 1981 | MUREX COMPUTER SERVICES LTD.

2000

7000

6000

2000

+79

+86

+68 +60 +68 +54 +54

+79 +101 +90 +61 +79 +85 +74

+67 +46

+195 +98 +135 +145 +170 +225 +76 +100

+61 +41 +40

+58

+74 +65

+92 +67 +60 +62 +68 +62 +125 +120 +173 +96 +113 +92 +169 +107 +92 +89

+58 +62 +68 +35 +72 +60 +60 +87 +68 +62 +93 +97 +93 +130 +131 +81 +90 +36 +50 +19 +40 +61 +90

+60 +150 +22

+70 +64 +77 +48 +48 +63 +58 +50 +53 +40 +60 +75 +112 +61 +91 +102 +94 +187 +83 +122 +97 +103 +36 +82 +62 +210 +225 +115 +52

+71 +87 +74 +84 +79 +73 +15 +66 +74 +86 +92 +52 +68 +65 +32 +43 +68 +73 +12 +66 +61 +53 +40 +29 +64 +36 +5 +13 +5 +66 +70 +68 +8 +23 +16 +37 +52 +72 +118 +70

+35 +55 +59 +50 +71 +56 +5 +61 +17 +11 +47 +96 +68 +83 +57 +26 +66 +62 +6 +90 +51 +22 +89 +56 +58 +28 +10 +9 +51

+83 +90

+70

+47 +70 +34 +65 +43 +59 +5 +61 +61 +51 +46 +50 +38 +41 +49 +65 +63 +68 +64 +35 +15 +20 +27 +49 +49 +75 +31 +69 +63 +37 +58 +83 +14 +48 +54 +79 +102 +94 +92 +89

+79

+83 +53 +107 +40 +82 +64 +117 +92

+11

+182 +92 +70 +98 +109 +20 +71 +99 +160 +121 +67 +82 +96 +93 +83 +140 +85 +56 +23 +82 +89 +72 +53 +35 +66 +66 +27 +39 +45 +6 +21 +24 +55 +7 +21 +89 +20 +20 +21 +131 +72 +93 +90 +97 +86 +85 +81 +80 +80 +79 +83 +79 +76 +80 +75 +85 +82

+53 +38 +42 +119 +69 +33 +39 +29 +100 +82 +48 +81 +71 +59 +81 +70 +50 +64 +63 +40 +55 +51 +55 +50 +34

+49 +73 +80 +97 +87 +86 +29 +25 +26 +76 +79 +81 +72 +74 +77 +81 +73 +21 +25

+191 +17 +27 +26 +53 +68 +67 +71 +60 +50 +68 +82 +60 +72 +57 +67 +60 +43 +48 +52 +50 +74 +60 +68 +69 +140 +85 +78 +91 +73 +87 +74 +89 +86 +89 +80 +87 +86 +101 +88 +99

+77 +64 +78 +79 +80 +82 +75 +73 +80 +89 +111

+60 +51 +52 +62 +77 +70 +88 +82 +84 +91 +82 +90 +89 +95

+100 +109

LEGEND

LEVEL 1	0.0 - 70.0
LEVEL 2	70.0 - 104.0
LEVEL 3	104.0 - 138.0
LEVEL 4	138.0 - 10000.0

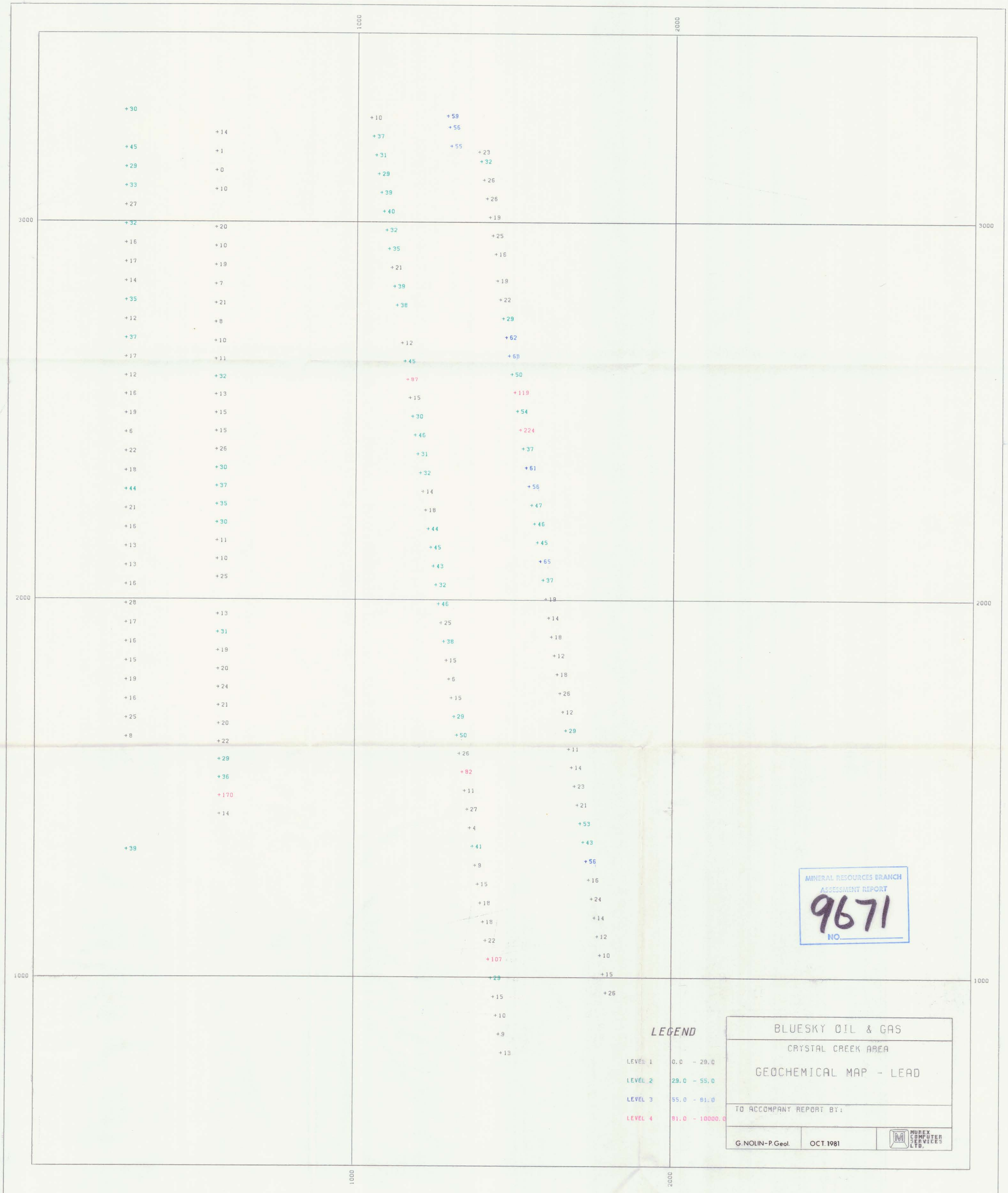
BLUESKY OIL & GAS

CRYSTAL CREEK AREA

GEOCHEMICAL MAP - ZINC

TO ACCOMPANY REPORT BY:

G.NOLIN - P.Geol. | OCT. 1981 | MUREX COMPUTER SERVICES LTD.



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9671
NO.

LEGEND

LEVEL 1	0.0 - 29.0
LEVEL 2	29.0 - 55.0
LEVEL 3	55.0 - 81.0
LEVEL 4	81.0 - 10000.0

BLUESKY OIL & GAS

CRYSTAL CREEK AREA

GEOCHEMICAL MAP - LEAD

TO ACCOMPANY REPORT BY:

G. NOLIN - P. Geol. | OCT. 1981 | MUREX COMPUTER SERVICES LTD.