



42C13SW0105 2.11075 WABIKOBA LAKE

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REPORT ON A  
GEOCHEMICAL (SOIL) SURVEY  
ON THE BLACK RIVER PROPERTY, HEMLO AREA  
THUNDER BAY MINING DIVISION, ONTARIO  
FOR  
DOLPHIN EXPLORATIONS LTD.

Wawa, Ontario  
March, 1988

Seymour M. Sears, B.A., B.Sc  
Geologist

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MINING LANDS SECTION

SUMMARY

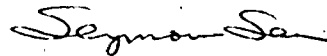
A work program involving linecutting, and geochemical (soil) sampling has been completed on the eastern half of the Black River Property of Dolphin Explorations Ltd. This sixty one (61) claim, wholly owned claim group is located in Wabikoba Lake Map Area, Hemlo District, Thunder Bay Mining Division, Ontario.

The work program has delineated a number of areas which contain weak but possibly significant geochemically anomalous gold values in soil. Two of these are associated with anomalous values in mercury, copper, and zinc and should be investigated further at the earliest opportunity. The remainder of the property should be covered by a similar detailed soil sampling program.

A work program including prospecting, stripping, rock sampling, and limited geochemical and geophysical surveys should be considered. If results are encouraging a modest drill program should be implemented.

Wawa, Ontario  
March, 1988

Respectfully submitted,



Seymour M. Sears, B.A., B.Sc.  
Geologist



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Map 4	GEOCHEMISTRY (Sb/Hg) .....	BACK POCKET

## INTRODUCTION

The Black River Property of Dolphin Explorations Ltd. is located within the northern limb of the Hemlo Greenstone Belt in northwestern Ontario. The purpose of this report is to present the results of a Geochemical (soil) sampling program carried out on the eastern half of the property during the latter part of 1987. The work was completed by personnel of Sears, Barry and Associates of Wawa, Ontario. The program was designed and directed by Mascot Gold Mines Ltd., the exploration arm of Dolphin.

Part of an old 200 metre by 25 metre control grid was recut along with 100 metre spaced fill-in lines. Extensions were made to cover portions of the property that were not part of the original claim group. This was then covered by "B-Horizon" soil sampling at 25 metre intervals.

## PROPERTY, LOCATION, AND ACCESS

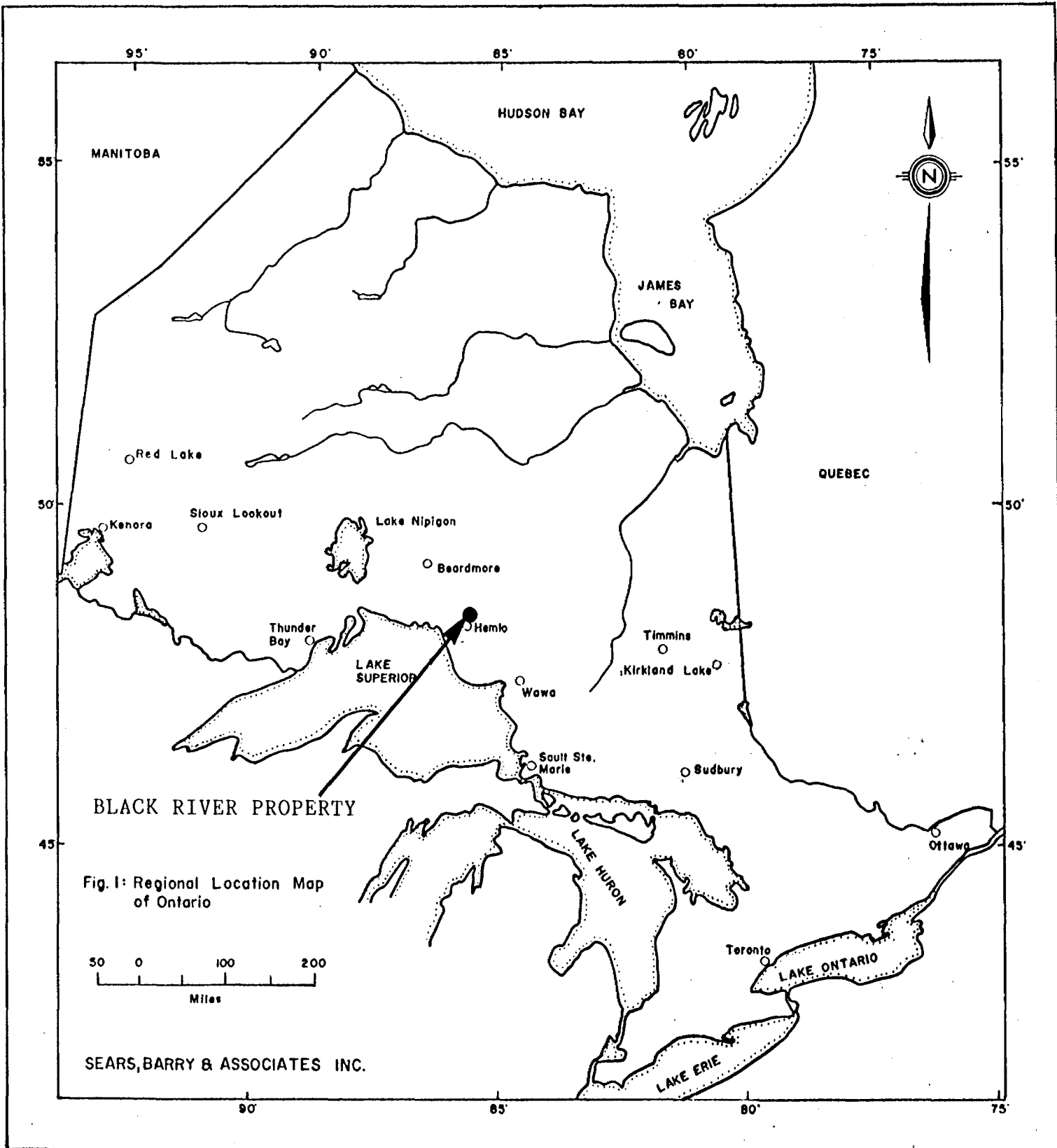
The Black River property consists of sixty one (61) contiguous unpatented mining claims. They were acquired by staking and are wholly owned by Dolphin Explorations Ltd. The claims are shown on MNR claim map G.620, Wabikoba Lake Area, a portion of which is reproduced in this report as Figure 2. They were recorded on March 6, 1987 and are numbered as follows:

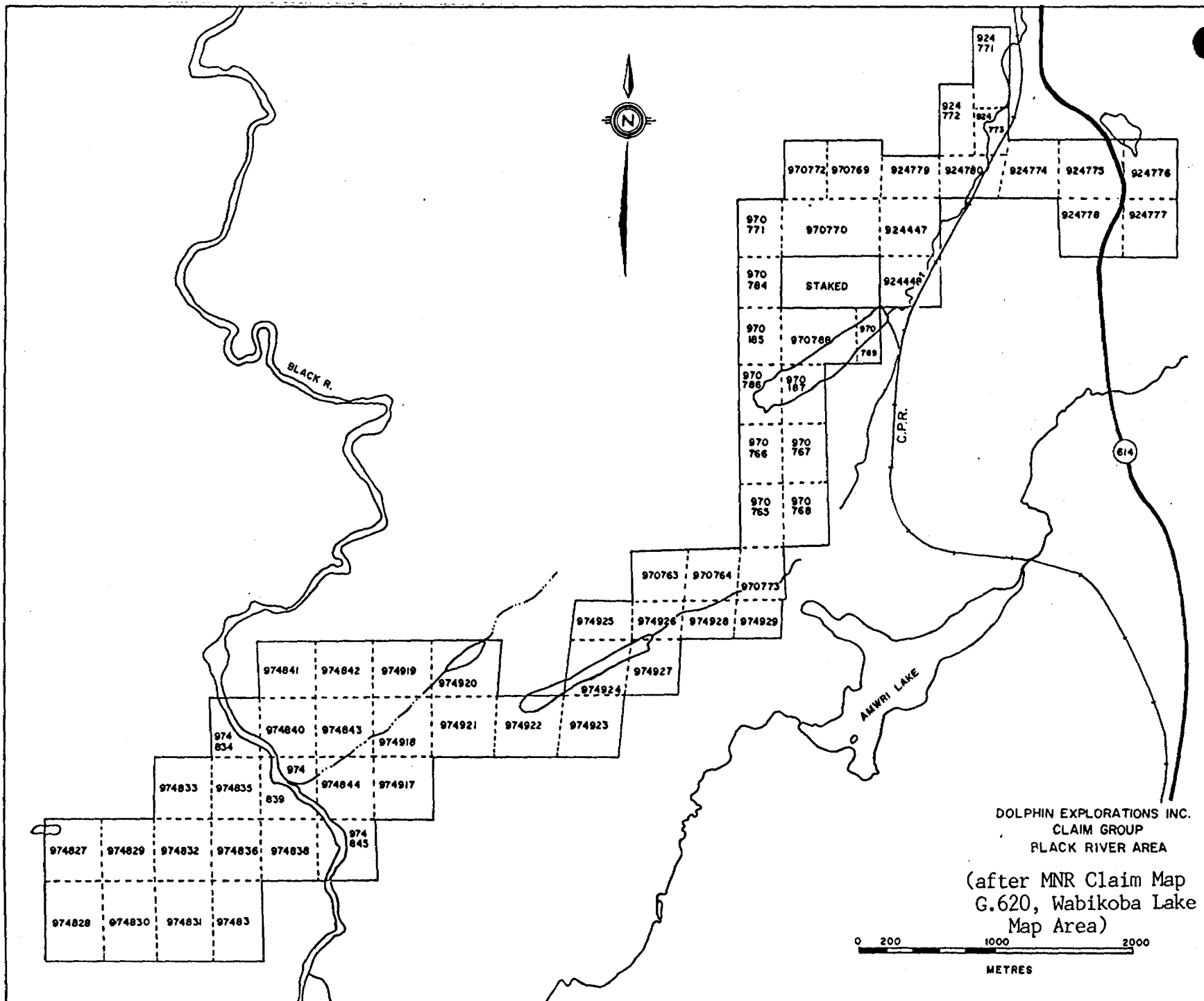
TB 924447 - TB 924448 (incl)	[2]
TB 924771 - TB 924780 (incl)	[10]
TB 970763 - TB 970773 (incl)	[11]
TB 970784 - TB 970789 (incl)	[6]
TB 974827 - TB 974845 (incl)	[19]
TB 974917 - TB 074929 (incl)	[13]

TOTAL	61 Claims
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The claims are located approximately six (6) miles north of the Hemlo Gold Deposit in the southwest corner of NTS Sheet 42-C-13, White Lake. They are centered at longitude 85 deg., 55 min. and latitude 48 deg., 48 min.

The property crosses Highway 614 (Manitouwadge Corners to Manitouwadge) at a point 15 km (9 miles) north of Highway 17. Access to the main part of the claim group can easily be accomplished by means of an old logging road that leads to the Black River. Parts of the property west of Black River are quite inaccessible except by helicopter or by means of a boat and a long walk.





DOLPHIN EXPLORATIONS INC.  
 CLAIM GROUP  
 BLACK RIVER AREA  
 (after MNR Claim Map  
 G.620, Wabikoba Lake  
 Map Area)

0 200 1000 2000  
 METRES

### PHYSIOGRAPHY

The majority of the property is occupied by rolling hills covered by relatively thin till, and mixed forest. However, there are several relatively steep hills in the eastern and north-central parts. There is also a reasonable amount of swamp, cedar swamp and alder covered areas. Parts of the central and northern area has been recently logged over.

There is generally a thick clay cover in this part of the belt, especially near the Black River. However this type of terrain is very restricted on the Dolphin Claims. The drainage system is very mature, ultimately in the direction of the Black River and southwest into Lake Superior.

### PREVIOUS WORK

This portion of the Hemlo Greenstone Belt has seen sporadic exploration efforts over the years. The first significant report of mineral occurrences within the area covered by the present claims was a Lead/Zinc showing, the Kusins Prospect, located in the southwest end of the property. Grab samples up to 1.93% Zn, 0.94 % pb, 0.64 oz/ton Ag, and Trace Au were reported from a narrow shear in 1963. In 1965, this prospect was optioned by Cominco, who reportedly drilled six (6) holes. Of the four recorded as assessment work, minor Cpy, Sph, Po, Pb and Py were mentioned, but no assay results were filed.

Also in 1965, Caravelle Mines Ltd. completed an AEM survey on a Cu/Ni prospect (Pulfa Showing) just to the northeast of the current property. Numerous conductors were located, several extending into the current claim group. In 1966, Falconbridge optioned the Caravelle ground and, over the next three years, completed seven (7) drill holes, numerous geophysical surveys and other related follow-up work.

After the Hemlo "rediscoveries" the area was part of a huge block explored under a Joint Venture arrangement by Noranda Exploration, March Resources and Pryme Energy Resources. Work included an airborne geophysical survey, linecutting, ground geophysics (Mag, EM, and limited I.P.), geological mapping, stripping and trenching, and diamond drilling. Several of the targets and follow-up work were located within the boundaries of the current claim block.

Also during this period, Lenora Exploration and Homestake Mineral Development Company completed nine (9) drill holes on a pyritic quartz - sericite schist zone located immediately west of the central part of the claim group. Three holes were submitted for assessment work although no assay results were included. The strike extension of this zone (in both directions) is the prime target on the Dolphin property.

## REGIONAL GEOLOGICAL SETTING

The Black River Claim Group of Dolphin Explorations Ltd. is located within the north limb of an east-west trending, oval shaped geosynclinal greenstone belt referred to as the Hemlo Belt (Fig 3). The property is long and narrow, and covers a six (6) mile strike length of Archean mafic and felsic metavolcanic rocks, and interbedded metasediments. The felsic member(s) of this sequence contains abundant sulphides, particularly near its margins. It is locally intensely sheared (quartz-sericite schist) and variably altered. The green mica, celadonite, as well as tourmaline, chlorite and sericite commonly occur within this unit. Quartz and quartz carbonate stringers and veins with associated sulphides occur locally. The mafic volcanic rocks contain numerous "iron formations" of limited extent.

The rocks generally dip towards the south. A number of major faults have been mapped in the immediate area of the claim group.

## GEOCHEMICAL SURVEY

### METHOD

A geochemical (soil) sampling program was completed along a 29.7 mile cut grid during the early part of December, 1987. Samples were collected every 25 metres along gridlines spaced from 100 to 200 metres apart. A total of 1258 samples were collected. The samples were collected by grub hoe from the "B" horizon, from depths of 3" to 15". They were placed in kraft sample bags, partially dried, and forwarded to the Bondar Clegg & Co. laboratory in Ottawa, Ontario for preparation and analysis.

At the laboratory they were dried, sieved to a -80 fraction and analysed for Ag, Au, As, Mo, Cu, Zn, Sb and Hg. The gold analysis utilized an aqua regia extraction method, followed by determination by fire assay and atomic absorption. The mercury analysis was completed by extraction via  $\text{HNO}_3\text{-H}_2\text{SO}_4\text{-HCl-KMnO}_4$  and analysis by Cold Vapor atomic absorption. The other six (6) elements were determined by a DC Plasma method after extraction by  $\text{HCl-HNO}_3$  (1:3). The resulting data were plotted at a scale of 1:5000, and are included as Maps 1A (As/Au), 2A (Mo/Ag), 3A (Cu/Zn) and 4A (Sb/Hg).

## DISCUSSION OF RESULTS

Before discussing any individual anomalies on the Black River property, it should be mentioned that the Hemlo Area has a peculiar problem in the way of overburden cover. This problem is



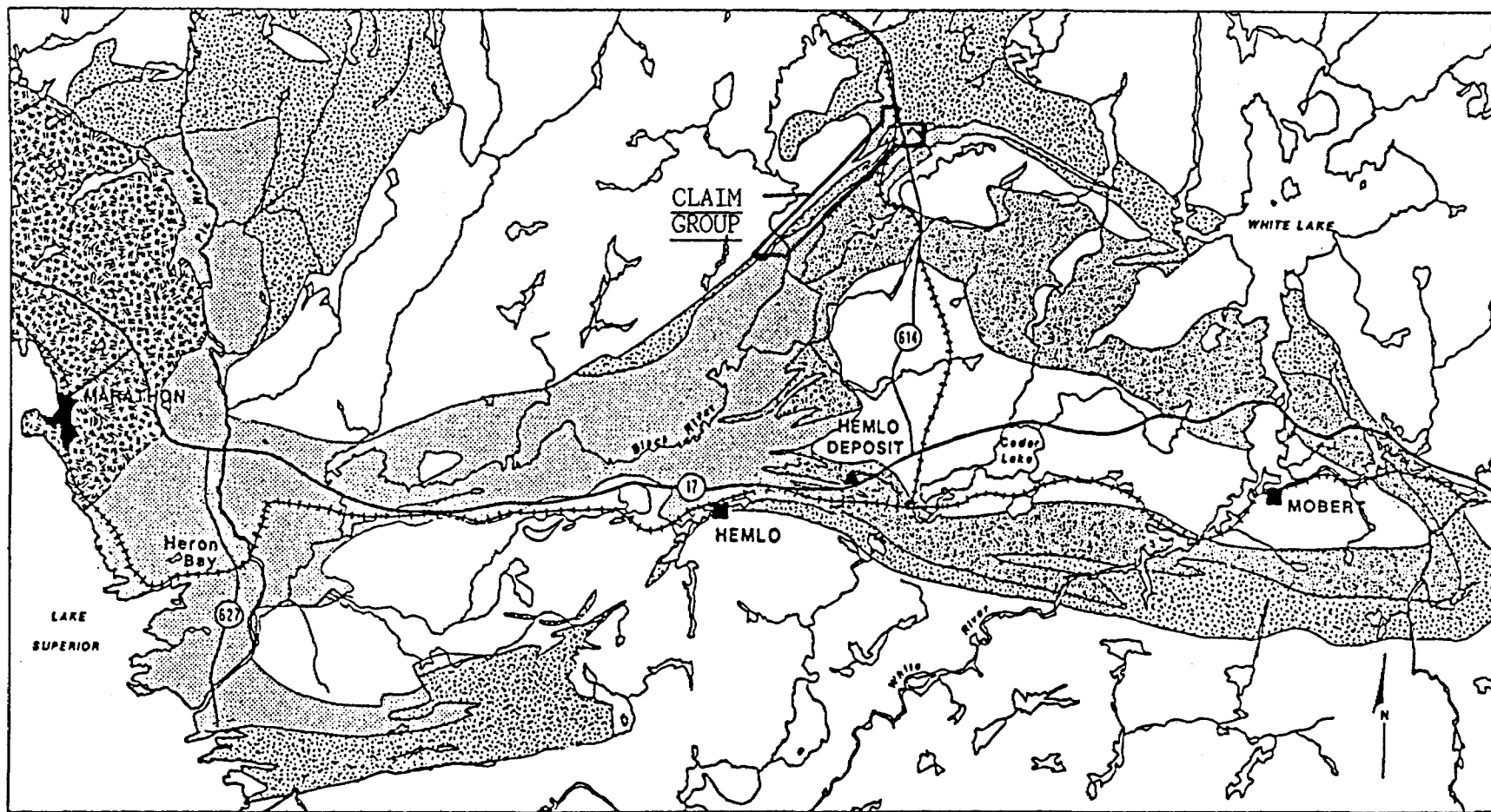


Figure 3 Regional Geological Map

peculiar problem in the way of overburden cover. This problem is related to the existence of a late glacial event which has covered the region with a till sheet consisting of very foreign material that is unrelated to local bedrock. It is only in locations where this foreign till has been eroded away that the geochemistry of the surface soil is representative of the underlying bedrock. This phenomenon has the effect of scattering or completely concealing any soil geochemical response to anomalous gold content in the local bedrock. For this reason, an anomalous value may not be very strong and an anomaly pattern may appear very discontinuous or even consist of an isolated single station "high". It is also important to consider the more mobile pathfinder elements in association with any gold anomaly.

#### Silver, Molybdenum, & Antimony

The background values for the elements Ag (silver), Mo (molybdenum) and Sb (antimony) were found to be less than their respective detection limits (0.5ppm, 1 ppm & 5ppm). Furthermore, there were virtually no significantly anomalous values in any of these elements on Dolphin's Black River property.

#### GOLD

Background values for Au (gold) were also less than the detection limit for this element (5 ppb). Any values greater than or equal to 5 ppb are considered, in this case, to be anomalous. It should be cautioned, however, that those values recorded as less than (<) a particular multiple of 10 may be inaccurate due to calculation problems related to small samples.

Of the anomalous values contoured on Map 1A, it is felt that the most significant are those that have associated anomalies in other elements. These include:

Line 144 E, 1400 N - Value of 40 ppb, Au: This is a single station anomaly but there are others in the general area that are also anomalous (eg. L 143 E, 1325 N & 1350 N; L 140 E, 1125 N). Other anomalous elements in this area include Mercury and Copper.

Line 166 E, 1250 N - Value of 45 ppb, Au: A single station anomaly although there is a 280 ppb Au at 1350 N on Line 165 E. This area also has anomalous values in Mercury, Copper and Zinc.

Other single station values in Gold that may be of interest include:

Line 172 E, 200 N - 310 ppb Au  
 Line 141 E, 225 N - 85 ppb Au  
 Line 135 E, 325 S - 200 ppb Au

ARSENIC

The background value for arsenic is < 5 ppm (also the detection limit). There are several weakly anomalous values, but their significance is questionable.

COPPER

Copper has a background value of approximately 7 ppm. Any values in excess of 40 ppm are considered anomalous. With the exception of the two areas mentioned in the discussion of gold anomalies (L 144 E, 1350 N - 328 ppm Cu; L 166 E, 1250 N - 80 ppm Cu and others in this area) There are no strong anomalies of more than one line extent. There are a number of anomalous values in succession from 625 N to 750N on Line 144 E. This anomaly should be examined because of its unusual nature.

ZINC

The background value for zinc across the property is approximately 15 ppm. Anomalous values are considered to be in excess of 50 ppm. There appears to be no anomalous clusters of zinc worth mentioning in this part of the claim group.

MERCURY

Values in mercury have a background of approximately 35 ppm. Any values greater than or equal to 100 ppm are considered anomalous in this report. The most significant anomalies in mercury are those associated with the high gold values discussed previously. The interesting thing about these anomalies is that they are larger in areal extent than the gold values and may therefore indicate a broader dispersion of the geochemical signature of bedrock mineralization due to the higher mobility of mercury. They include:

L 143 E,	1375 N -	155 ppm	Hg
"	1400 N -	190 ppm	Hg
L 144 E,	1350 N -	260 ppm	Hg
"	1375 N -	200 ppm	Hg
"	1400 N -	195 ppm	Hg
L 166 E,	1250 N -	175 ppm	Hg
L 168 E,	1275 N -	150 ppm	Hg

Other values worth following up include:

L 136 E,	450 S -	295 ppm	Hg
L 137 E,	425 S -	115 ppm	Hg

(Mercury, cont....)

L 173 E, 900 N - 215 ppm Hg

L 174 E, 900 N - 170 ppm Hg

L 175 E, 900 N - 120 ppm Hg

### CONCLUSIONS AND RECOMMENDATIONS

The 1987 work program on the Black River Property of Dolphin Explorations Ltd. has delineated several geochemically anomalous gold values in "B"-Horizon soils. At least two of these are supported by anomalous values in mercury, copper and zinc. It is recommended that these anomalies be followed up by detailed geochemical (soil) sampling, prospecting, stripping, and limited geophysical surveys if warranted. Because of erratic and complex overburden in this area, each of the geochemically anomalous samples for gold, should be resampled and routinely prospected.

A similar program of geochemical (soil) sampling should be completed over the remainder of the project area, supported by routine prospecting and rock sampling. Following the completion of this additional work, results should be re-evaluated and drilling considered.

The above work program is estimated to cost as follows.:

LINECUTTING

50 km @ \$ 300.00/km . . . . . \$ 15,000.00

SOIL SAMPLING

Detailed (500 samples @ \$25.00). . . . . 12,500.00

Completing Grid (1500 sam. @ \$25.00) . . . . . 37,500.00

PROSPECTING, MAPPING AND ROCK SAMPLING

180 man days @ \$ 200.00 / day . . . . . 36,000.00

ACCOMMODATION, TRAVEL AND SUPPORT

180 man days @ \$ 50.00 / day . . . . . 9,000.00

Subtotal	\$ 110,000.00
+ Contingency & Overhead	20,000.00
Total	\$ 130,000.00

Wawa, Ontario  
March, 1988

Respectfully submitted,

*Seymour Sears*

Seymour M. Sears, B.A., B. Sc.,  
Geologist

*Just  
2.59/4*

REFERENCES

Milne, V.G., 1968

Geology of Black River Area; Geological Report 72, Ontario  
Dept. of Mines, Accompanied by Maps 2143, 2144, 2145, 2146  
and 2147, all at a Scale of 1 inch to 1/2 mile.

Muir, T.L., 1982

Geology of the Hemlo Area, District of Thunder Bay: Ontario  
Geological Survey Report 217, Accompanied by Map 2452, Scale  
1 inch to 1/2 mile.

Ontario Geological Survey

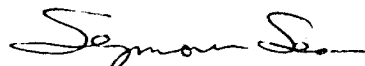
Miscellaneous Company Assessment Work Files on hand at the  
Thunder Bay O.G.S. Regional Office

STATEMENT OF QUALIFICATIONS

I, Seymour M. Sears, of Wawa, Ontario do certify that:

1. I am a consulting geologist for Sears, Barry and Associates, P. O. box 2058, Wawa, Ontario.
2. I am a B.Sc. Graduate in Geology and a B.A. Graduate in Psychology from Mount Allison University, Sackville, New Brunswick.
3. I have been practicing my profession continuously since 1972.
4. I am a Fellow of the Geological Association of Canada.

Respectfully submitted,



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P.O. Box 2058  
Wawa, Ontario  
POS 1K0  
March, 1988

Seymour M. Sears, B. A., B. Sc.  
Geologist

APPENDIX

REPORT: 088-00001.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: DOLPHIN EXPLS. LTD.  
 PROJECT: 87-200

SUBMITTED BY: S. SEARS  
 DATE PRINTED: 26-JAN-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	391	1 PPM	HCl-HNO3, (1:3)	DC Plasma
2	Zn Zinc	391	1 PPM	HCl-HNO3, (1:3)	DC Plasma
3	As Arsenic	391	5 PPM	HCl-HNO3, (1:3)	DC Plasma
4	Mo Molybdenum	391	1 PPM	HCl-HNO3, (1:3)	DC Plasma
5	Ag Silver	391	0.5 PPM	HCl-HNO3, (1:3)	DC Plasma
6	Sb Antimony	391	5 PPM	HCl-HNO3, (1:3)	DC Plasma
7	Hg Mercury	391	5 PPB	HN03-H2SO4-HCL-KMNO4	Cold Vapour AA
8	Au Gold	391	5 PPB	AQUA REGIA	FA-AA @ 30 gm weight
9	Testwt Fire Assay Test Wt.	12	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	391	-80	391	DRY,SIEVE -80	398

REMARKS: < MEANS LESS THAN.  
 THE FOLLOWING SAMPLES WERE ANALYZED IN  
 DUPLICATE FOR AU. THE ADDITIONAL VALUES ARE  
 AS FOLLOWS: AU/PPB  
 L165E-13+50N 15  
 L165E-13+50N <5  
 L135E-3+25S <50  
 L135E-3+25S <50

REPORT COPIES TO: C/O MASCOT GOLD MINES  
 SEARS, BARRY & ASSOC.

INVOICE TO: C/O MASCOT GOLD MINES



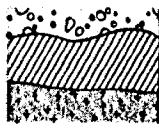


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PROJECT: 87-200

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L51E-22+50N		14	71	<5	<1	<0.5	<5	35	<5	
L51E-22+25N		11	45	<5	<1	<0.5	<5	40	<5	
L51E-22+00N		9	44	<5	<1	<0.5	<5	35	<5	
L51E-21+75N		4	18	<5	<1	<0.5	<5	30	<5	
L51E-21+50N		7	28	<5	<1	<0.5	<5	35	<5	25.00
L51E-21+25N		15	16	<5	<1	<0.5	<5	25	<5	
L51E-21+00N		10	48	7	<1	<0.5	<5	30	<5	
L51E-20+75N		8	46	<5	<1	<0.5	<5	45	<5	
L51E-20+50N		4	23	<5	<1	<0.5	<5	25	<5	
L51E-20+25N		4	35	<5	<1	<0.5	<5	20	<5	25.00
L51E-20+00N		1	15	<5	<1	<0.5	<5	25	<5	
L51E-19+75N		4	35	<5	<1	<0.5	<5	30	<5	
L51E-19+50N		14	54	13	<1	<0.5	<5	55	<5	
L51E-19+25N		10	45	<5	<1	<0.5	<5	45	<5	
L51E-18+50N		5	35	6	<1	<0.5	<5	20	<5	
L51E-15+75N		12	28	<5	<1	<0.5	<5	50	<5	
L51E-15+50N		5	18	<5	<1	<0.5	<5	30	<5	
L51E-15+25N		5	28	7	<1	<0.5	<5	20	<5	
L51E-15+00N		5	30	<5	<1	<0.5	<5	35	<5	
L51E-14+75N		39	27	6	<1	<0.5	<5	50	<5	20.00
L51E-14+50N		4	7	<5	<1	<0.5	<5	20	<5	
L51E-14+25N		11	13	6	<1	<0.5	<5	30	<5	
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L51E-13+75N		6	19	<5	<1	<0.5	<5	20	<5	
L51E-13+50N		1	7	<5	<1	<0.5	<5	10	<5	
L51E-13+25N		7	14	<5	<1	<0.5	<5	25	<5	
L51E-13+00N		3	13	<5	<1	<0.5	<5	20	<5	
L53E-21+25N		4	24	10	<1	<0.5	<5	25	<5	
L53E-21+00N		<1	9	<5	<1	<0.5	<5	5	10	
L53E-20+75N		2	15	<5	<1	<0.5	<5	20	<5	
L53E-20+50N		5	28	<5	<1	<0.5	<5	10	<5	
L53E-20+25N		4	32	<5	<1	<0.5	<5	10	<5	
L53E-20+00N		4	23	<5	<1	<0.5	<5	30	<5	
L53E-19+75N		2	20	<5	<1	<0.5	<5	5	<5	
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L53E-18+75N		4	33	11	<1	<0.5	<5	25	<5	
L53E-18+50N		5	24	22	<1	<0.5	<5	30	<5	
L53E-18+25N		4	28	7	<1	<0.5	<5	20	<5	

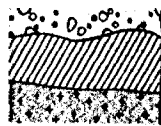


REPORT: 088-00001.0

PROJECT: 87-200

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L53E-18+00N		9	46	18	<1	<0.5	<5	25	<5	
L53E-17+75N		6	35	<5	<1	<0.5	<5	25	<5	
L53E-17+50N		16	50	24	<1	<0.5	<5	155	<5	14.00
L53E-17+25N		5	27	<5	<1	<0.5	<5	35	<5	
L53E-17+00N		2	18	<5	<1	<0.5	<5	20	<5	
L53E-16+75N		7	32	<5	<1	<0.5	<5	45	<5	
L53E-16+50N		6	16	<5	<1	<0.5	<5	20	10	
L53E-16+25N		8	21	<5	<1	<0.5	<5	50	<5	
L53E-16+00N		9	30	<5	<1	<0.5	<5	25	<5	
L53E-15+75N		6	25	<5	<1	<0.5	<5	25	<5	
L53E-15+50N		6	26	<5	<1	<0.5	<5	30	<5	
L53E-15+25N		7	24	<5	<1	<0.5	<5	25	<5	
L53E-15+00N		6	17	<5	<1	<0.5	<5	25	<5	
L53E-14+50N		8	29	<5	<1	<0.5	<5	30	<5	
L53E-14+25N		6	12	7	<1	<0.5	<5	20	<5	
L53E-14+00N		3	4	<5	<1	<0.5	<5	10	<5	
L53E-13+75N		3	8	<5	<1	<0.5	<5	15	<5	
L53E-13+25N		6	9	10	<1	<0.5	<5	25	<5	
L53E-13+00N		10	31	7	1	<0.5	<5	50	<5	
L53E-12+75N		7	22	<5	1	<0.5	<5	50	<5	
L53E-12+50N		3	7	<5	<1	<0.5	<5	20	<5	
L53E-12+00N		3	9	<5	<1	<0.5	<5	20	<5	
L53E-11+75N		15	17	<5	<1	<0.5	<5	60	<5	
L53E-11+50N		3	11	<5	<1	<0.5	<5	25	<5	
L53E-11+25N		7	12	<5	<1	<0.5	<5	25	<5	26.00
L53E-11+00N		18	20	8	<1	<0.5	<5	150	<5	12.00
L53E-10+75N		47	24	6	<1	<0.5	<5	55	<5	18.00
L53E-10+50N		1	9	<5	<1	<0.5	<5	15	<5	
L53E-10+25N		<1	9	<5	<1	<0.5	<5	10	<5	
L53E-9+75N		4	26	<5	<1	<0.5	<5	20	<5	
L53E-9+50N		5	24	<5	<1	<0.5	<5	30	<5	
L53E-9+25N		4	17	<5	<1	<0.5	<5	30	<5	
L53E-9+00N		3	18	<5	<1	<0.5	<5	35	<5	
L53E-8+50N		9	34	<5	<1	<0.5	<5	45	<5	
L53E-8+25N		4	19	<5	<1	<0.5	<5	15	<5	
L53E-7+75N		5	17	<5	<1	<0.5	<5	25	<5	
L58E-16+11N		1	14	<5	<1	2.0	<5	20	<5	
L58E-16+00N		1	14	<5	<1	<0.5	<5	10	<5	
L58E-15+75N		2	11	<5	<1	<0.5	<5	5	<5	
L58E-15+50N		2	35	<5	<1	<0.5	<5	30	<5	

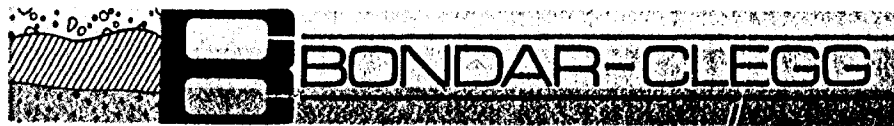


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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	No PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L58E-15+25N		13	21	<5	<1	<0.5	<5	35	<5	
L58E-15+00N		8	20	<5	<1	<0.5	<5	50	<5	
L58E-14+75N		5	14	<5	<1	<0.5	<5	30	<5	
L58E-14+50N		14	14	<5	1	<0.5	<5	25	<5	
L58E-14+25N		9	21	<5	<1	<0.5	<5	95	<5	
L58E-14+00N		2	16	<5	<1	<0.5	<5	30	<5	
L58E-13+75N		1	8	<5	<1	<0.5	<5	<5	<5	
L58E-13+50N		5	14	<5	<1	<0.5	<5	35	<5	
L58E-13+25N		8	34	<5	<1	<0.5	<5	20	<5	
L58E-13+00N		5	18	<5	<1	<0.5	<5	10	<5	
L58E-12+68N		37	56	<5	<1	<0.5	<5	30	<5	
L58E-12+50N		51	80	<5	<1	<0.5	<5	40	<5	
L58E-12+25N		258	113	<5	<1	0.7	<5	60	<5	
L58E-12+00N		2	20	<5	<1	<0.5	<5	15	<5	
L60E-15+25N		3	19	6	<1	1.0	<5	50	<5	
L60E-15+00N		10	36	7	<1	<0.5	<5	50	<5	
L60E-14+75N		5	12	7	<1	<0.5	<5	20	<5	
L60E-14+50N		6	9	<5	<1	<0.5	<5	30	<5	
L60E-14+25N		8	25	13	<1	<0.5	<5	60	<5	
L60E-14+00N		7	20	<5	<1	<0.5	<5	20	<5	
L60E-13+75N		4	31	11	<1	<0.5	<5	20	<5	
L60E-13+50N		3	24	<5	<1	<0.5	<5	15	<5	
L60E-13+25N		6	14	<5	<1	<0.5	<5	30	<5	
L62E-18+42N		<1	10	<5	<1	<0.5	<5	25	<5	
L62E-18+25N		3	23	<5	<1	<0.5	<5	25	<5	
L62E-18+00N		3	26	<5	<1	<0.5	<5	40	<5	
L62E-17+75N		5	23	<5	<1	<0.5	<5	10	<5	
L62E-17+50N		4	25	<5	<1	<0.5	<5	80	<5	
L62E-17+25N		3	19	<5	<1	<0.5	<5	30	<5	
L62E-17+00N		3	14	<5	<1	<0.5	<5	35	<5	
L62E-16+75N		2	20	<5	<1	<0.5	<5	30	<5	
L62E-16+50N		1	8	11	<1	<0.5	<5	15	<5	
L62E-16+25N		4	20	12	<1	<0.5	<5	60	<5	
L62E-16+00N		3	22	<5	<1	<0.5	<5	60	<5	
L62E-15+75N		4	21	9	<1	<0.5	<5	80	<5	
L62E-15+50N		2	20	<5	<1	<0.5	<5	45	<5	
L62E-15+25N		3	13	9	<1	<0.5	<5	55	<5	
L62E-15+00N		1	6	8	<1	<0.5	<5	30	<5	
L62E-14+75N		2	16	17	<1	<0.5	<5	30	<5	
L62E-14+50N		<1	4	<5	<1	<0.5	<5	10	<5	

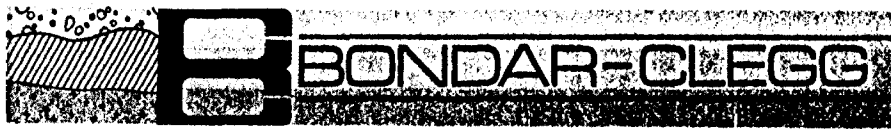


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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L62E-14+25N		4	27	<5	<1	<0.5	<5	30	<5	
L62E-14+00N		4	31	<5	<1	<0.5	<5	25	<5	
L62E-13+75N		3	23	<5	<1	<0.5	<5	35	<5	
L62E-13+50N		5	10	<5	<1	<0.5	<5	15	<5	
L62E-13+25N		2	7	<5	<1	<0.5	<5	10	<5	
L62E-12+75N		2	12	<5	<1	<0.5	<5	25	<5	
L62E-12+50N		6	12	<5	<1	<0.5	<5	20	<5	
L62E-12+25N		4	16	<5	<1	<0.5	<5	60	<5	
L62E-12+00N		2	13	<5	<1	<0.5	<5	15	<5	
L62E-11+75N		8	26	<5	<1	<0.5	<5	45	<5	
L62E-11+50N		<1	6	<5	<1	<0.5	<5	5	<5	
L62E-11+25N		7	28	<5	<1	<0.5	<5	105	<5	
L62E-11+05N		6	14	<5	<1	<0.5	<5	65	<5	
L135E-0+47N		2	15	8	<1	<0.5	<5	30	<5	
L135E-0+25N		<1	10	<5	<1	<0.5	<5	25	<5	
L135E-0+00N		<1	9	<5	<1	<0.5	<5	25	<5	
L135E-0+25S		<1	5	<5	<1	<0.5	<5	5	<5	
L135E-0+50S		<1	8	<5	<1	<0.5	<5	15	<5	
L135E-0+75S		15	31	<5	<1	<0.5	<5	20	<5	
L135E-1+00S		2	12	<5	<1	<0.5	<5	25	<5	
L135E-1+25S		4	12	<5	<1	<0.5	<5	50	<5	
L135E-1+50S		1	8	<5	<1	<0.5	<5	30	<5	
L135E-1+75S		5	12	<5	<1	<0.5	<5	30	<5	
L135E-2+00S		9	38	<5	<1	<0.5	<5	40	<5	
L135E-2+25S		<1	9	<5	<1	<0.5	<5	15	<5	
L135E-2+50S		<1	6	<5	<1	<0.5	<5	20	<5	
L135E-2+75S		4	13	<5	<1	<0.5	<5	20	<5	
L135E-3+00S		5	23	<5	<1	<0.5	<5	20	<5	
L135E-3+25S		6	32	<5	<1	<0.5	<5	25	200	
L135E-3+50S		3	6	<5	<1	<0.5	<5	25	<5	
L135E-3+75S		4	8	<5	<1	<0.5	<5	20	<5	
L135E-4+00S		1	5	<5	<1	<0.5	<5	15	<5	
L135E-4+25S		4	4	<5	<1	<0.5	<5	15	<5	
L135E-4+50S		7	22	<5	<1	<0.5	<5	5	<5	
L135E-4+75S		4	5	<5	<1	<0.5	<5	5	<5	
L135E-5+00S		2	9	<5	<1	<0.5	<5	10	<5	
L135E-5+25S		2	8	<5	<1	<0.5	<5	20	<5	
L135E-5+50S		2	17	<5	<1	<0.5	<5	15	<5	
L135E-5+75S		4	25	<5	<1	<0.5	<5	20	<5	
L135E-6+00S		3	17	<5	<1	<0.5	<5	20	<5	



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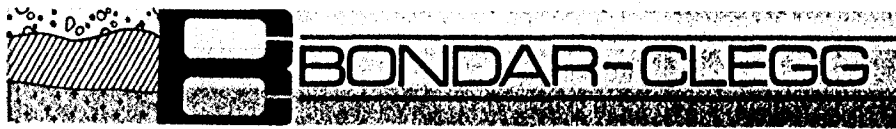
SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L135E-6+25S		6	30	<5	<1	<0.5	<5	30	<5	
L135E-6+50S		4	18	<5	1	<0.5	<5	25	<5	
L135E-6+75S		3	16	<5	<1	<0.5	<5	20	<5	
L135E-7+00S		2	23	5	<1	<0.5	<5	20	<5	
L135E-7+25S		<1	10	<5	<1	<0.5	<5	25	<5	
L135E-7+31S		<1	7	<5	<1	<0.5	<5	20	<5	
L136E-0+00		1	13	<5	<1	<0.5	<5	25	<5	
L136E-0+25S		1	7	<5	<1	<0.5	<5	10	<5	
L136E-0+50S		2	16	<5	<1	<0.5	<5	25	<5	
L136E-0+75S		2	7	<5	<1	<0.5	<5	5	<5	
L136E-1+00S		1	8	<5	<1	<0.5	<5	25	<5	
L136E-1+25S		<1	3	<5	<1	<0.5	<5	15	<5	
L136E-1+50S		<1	5	<5	<1	<0.5	<5	5	<5	
L136E-1+75S		1	6	<5	<1	<0.5	<5	5	<5	
L136E-2+00S		3	13	<5	<1	<0.5	<5	20	<5	
L136E-2+25S		2	3	<5	<1	<0.5	<5	10	<5	
L136E-2+50S		7	18	<5	<1	<0.5	<5	30	<5	
L136E-2+75S		5	11	<5	<1	<0.5	<5	15	<5	
L136E-3+00S		2	13	<5	<1	<0.5	<5	10	<5	
L136E-3+25S		5	27	<5	<1	<0.5	<5	35	<5	
L136E-3+50S		5	33	<5	<1	<0.5	<5	45	5	
L136E-3+75S		4	23	6	<1	<0.5	<5	30	<5	
L136E-4+00S		5	27	<5	<1	<0.5	<5	50	10	
L136E-4+25S		5	10	<5	<1	<0.5	<5	15	<5	
L136E-4+50S		31	64	<5	<1	<0.5	<5	295	10	28.00
L136E-4+75S		2	15	<5	<1	<0.5	<5	25	<5	
L136E-5+00S		15	36	<5	<1	<0.5	<5	5	<5	
L136E-5+25S		12	42	5	<1	<0.5	<5	10	<5	
L136E-5+50S		41	102	6	<1	<0.5	<5	25	5	27.00
L136E-6+00S		12	25	<5	<1	<0.5	<5	30	<5	
L136E-6+25S		9	17	<5	<1	<0.5	<5	35	<5	
L136E-6+50S		40	42	5	<1	<0.5	<5	20	<5	
L136E-6+75S		9	13	17	<1	<0.5	<5	<5	<5	
L136E-7+00S		4	18	8	<1	<0.5	<5	10	<5	
L136E-7+25S		3	13	7	<1	<0.5	<5	20	<5	
L136E-7+50S		<1	11	11	<1	<0.5	<5	10	<5	
L136E-7+75S		<1	15	<5	<1	<0.5	<5	10	<5	
L136E-8+00S		<1	11	16	<1	<0.5	<5	10	<5	
L137E-1+43N		2	11	<5	<1	<0.5	<5	20	<5	
L137E-1+25N		9	25	11	<1	<0.5	<5	70	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L137E-1+00N		4	14	<5	<1	<0.5	<5	30	<5	
L137E-0+75N		1	5	6	<1	<0.5	<5	20	<5	
L137E-0+50N		5	8	5	<1	<0.5	<5	30	<5	
L137E-0+25N		<1	11	<5	<1	<0.5	<5	25	<5	
L137E-0+00		5	8	<5	<1	<0.5	<5	35	<5	
L137E-0+25S		4	18	5	<1	<0.5	<5	50	<5	
L137E-0+50S		4	14	<5	<1	<0.5	<5	35	<5	
L137E-0+75S		2	3	<5	<1	<0.5	<5	25	<5	
L137E-1+00S		8	17	<5	<1	<0.5	<5	40	<5	26.00
L137E-1+25S		2	5	<5	<1	<0.5	<5	25	<5	
L137E-1+50S		4	13	<5	<1	<0.5	<5	25	<5	
L137E-1+75S		12	22	<5	<1	<0.5	<5	10	<5	
L137E-2+00S		10	28	<5	<1	<0.5	<5	25	<5	
L137E-2+25S		14	24	11	<1	<0.5	<5	5	<5	
L137E-2+50S		5	16	6	<1	<0.5	<5	15	<5	
L137E-2+75S		6	21	<5	<1	<0.5	<5	25	<5	
L137E-3+00S		8	34	<5	<1	<0.5	<5	20	<5	
L137E-3+25S		3	12	<5	<1	<0.5	<5	15	<5	
L137E-3+50S		2	13	<5	<1	<0.5	<5	20	<5	
L137E-3+75S		7	20	<5	<1	<0.5	<5	20	<5	
L143E-7+50N		10	13	<5	<1	<0.5	<5	25	<5	
L143E-7+25N		2	8	8	<1	<0.5	<5	15	<5	
L143E-7+00N		26	55	9	<1	<0.5	<5	60	<5	
L143E-6+75N		3	8	5	<1	<0.5	<5	25	<5	27.00
L143E-6+50N		9	16	<5	<1	<0.5	<5	30	<5	
L143E-6+25N		34	36	<5	<1	<0.5	<5	25	<5	
L143E-6+00N		6	16	8	<1	<0.5	<5	30	<5	
L143E-5+75N		11	13	7	<1	<0.5	<5	30	<5	
L143E-5+50N		21	42	<5	<1	<0.5	<5	40	<5	
L143E-5+25N		19	30	8	<1	<0.5	<5	35	<5	
L143E-5+00N		54	92	<5	3	<0.5	<5	45	<5	
L143E-4+75N		40	58	<5	2	<0.5	<5	35	<5	
L143E-4+50N		7	20	<5	<1	<0.5	<5	25	<5	
L143E-4+25N		3	9	<5	<1	<0.5	<5	20	<5	
L143E-4+00N		26	62	<5	1	<0.5	<5	35	<5	
L143E-3+75N		24	51	<5	1	<0.5	<5	35	<5	
L143E-3+50N		6	8	<5	<1	<0.5	<5	35	<5	
L143E-3+25N		2	11	<5	1	<0.5	<5	55	<5	
L143E-3+00N		<1	8	<5	<1	<0.5	<5	15	<5	29.00
L143E-2+75N		6	4	<5	<1	<0.5	<5	15	<5	

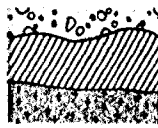


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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L143E-2+50N		8	20	<5	<1	<0.5	<5	40	<5	
L143E-2+25N		12	23	9	<1	<0.5	<5	50	<5	
L143E-2+00N		9	21	14	<1	<0.5	<5	25	<5	
L143E-1+75N		5	16	<5	<1	<0.5	<5	25	<5	
L143E-1+50N		1	14	<5	<1	<0.5	<5	25	<5	
L143E-1+25N		5	43	<5	<1	<0.5	<5	45	<5	
L143E-1+00N		3	18	<5	<1	<0.5	<5	25	<5	
L143E-0+75N		8	25	<5	<1	<0.5	<5	35	<5	
L149E-20+25N		7	36	6	<1	<0.5	<5	25	<5	
L149E-20+00N		5	30	<5	<1	<0.5	<5	20	<5	
L149E-19+75N		4	27	<5	<1	<0.5	<5	20	<5	
L149E-19+50N		6	33	<5	<1	<0.5	<5	20	<5	
L149E-19+25N		8	44	<5	<1	<0.5	<5	25	<5	
L149E-19+00N		5	36	<5	<1	<0.5	<5	10	<5	
L149E-18+75N		9	41	9	<1	<0.5	<5	10	<5	
L149E-18+50N		5	18	<5	<1	<0.5	<5	20	<5	
L149E-18+25N		7	34	<5	<1	<0.5	<5	40	<5	
L149E-18+00N		3	19	<5	<1	<0.5	<5	30	<5	
L149E-17+75N		3	16	<5	<1	<0.5	<5	30	<5	
L149E-17+50N		4	18	<5	<1	<0.5	<5	25	<5	
L149E-17+25N		3	19	<5	<1	<0.5	<5	45	<5	
L149E-17+00N		5	39	<5	<1	<0.5	<5	20	<5	
L149E-16+75N		4	29	<5	<1	<0.5	<5	25	<5	
L149E-16+50N		4	31	<5	<1	<0.5	<5	25	<5	
L149E-16+25N		5	44	<5	<1	<0.5	<5	20	<5	
L149E-16+00N		13	45	<5	<1	<0.5	<5	30	<5	
L149E-15+75N		4	16	<5	<1	<0.5	<5	10	<5	
L149E-15+50N		3	22	<5	<1	<0.5	<5	25	<5	
L149E-15+25N		6	22	<5	<1	<0.5	<5	20	<5	
L149E-15+00N		6	28	<5	<1	<0.5	<5	25	<5	
L149E-14+75N		1	17	<5	<1	<0.5	<5	10	<5	
L149E-14+50N		<1	16	<5	<1	<0.5	<5	10	<5	
L149E-14+25N		2	11	<5	<1	<0.5	<5	25	<5	
L149E-14+15N		2	13	<5	<1	<0.5	<5	20	<5	
L154E-17+00N		10	23	<5	<1	<0.5	<5	30	<5	
L154E-16+75N		5	21	<5	<1	<0.5	<5	15	<5	
L154E-16+50N		8	27	<5	<1	<0.5	<5	35	<5	
L154E-16+25N		8	20	<5	<1	<0.5	<5	20	<5	
L154E-16+00N		11	24	<5	<1	<0.5	<5	35	<5	
L154E-15+75N		5	9	<5	<1	<0.5	<5	20	<5	



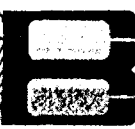
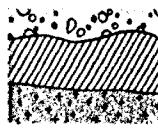
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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L154E-15+50N		4	25	<5	<1	<0.5	<5	15	<5	
L154E-15+25N		3	12	10	<1	<0.5	<5	10	<5	
L154E-15+00N		3	11	13	<1	<0.5	<5	10	<5	
L154E-14+75N		7	10	<5	1	<0.5	<5	30	<5	
L154E-14+50N		4	11	10	<1	<0.5	<5	30	<5	
L154E-14+25N		8	11	16	<1	<0.5	<5	25	<5	
L154E-14+00N		8	13	8	<1	<0.5	<5	30	<5	
L154E-13+75N		6	9	<5	1	<0.5	<5	30	<5	
L154E-13+50N		4	6	<5	<1	<0.5	<5	5	<5	
L154E-13+25N		5	7	<5	<1	<0.5	<5	25	<5	
L154E-13+00N		4	13	<5	<1	<0.5	<5	20	<5	
L154E-12+75N		7	26	<5	2	<0.5	<5	85	<5	
L154E-12+50N		28	18	<5	2	<0.5	<5	35	<5	
L154E-12+25N		39	34	<5	2	<0.5	<5	50	<5	
L154E-12+00N		25	22	<5	1	<0.5	<5	50	<5	
L154E-11+75N		20	30	<5	<1	<0.5	<5	45	<5	
L154E-11+50N		8	58	<5	<1	<0.5	<5	35	<5	
L154E-11+25N		2	13	<5	<1	<0.5	<5	30	<5	
L154E-11+00N		2	11	<5	<1	<0.5	<5	<5	<5	
L154E-10+75N		3	9	<5	<1	<0.5	<5	5	<5	
L154E-10+50N		3	11	<5	<1	<0.5	<5	30	<5	
L154E-10+25N		2	12	<5	<1	<0.5	<5	20	<5	
L154E-10+00N		4	30	<5	<1	<0.5	<5	25	<5	
L154E-8+25N		3	14	<5	<1	<0.5	<5	25	<5	
L154E-8+00N		2	9	<5	<1	<0.5	<5	20	<5	
L154E-7+75N		2	12	<5	<1	<0.5	<5	10	<5	
L154E-7+50N		5	9	<5	<1	<0.5	<5	35	<5	
L154E-7+25N		6	9	<5	<1	<0.5	<5	25	<5	
L154E-7+15N		5	4	<5	<1	<0.5	<5	25	<5	
L164E-17+04N		7	46	7	<1	<0.5	<5	15	<5	
L164E-17+00N		10	48	13	<1	<0.5	<5	65	<5	
L164E-16+75N		3	16	<5	<1	<0.5	<5	25	<5	
L164E-16+50N		9	26	<5	<1	<0.5	<5	65	<5	
L164E-16+25N		6	23	<5	<1	<0.5	<5	35	<5	
L164E-16+00N		4	12	<5	<1	<0.5	<5	35	<5	
L164E-15+75N		3	12	7	<1	<0.5	<5	35	<5	
L164E-15+50N		2	10	<5	<1	<0.5	<5	40	<5	
L164E-15+25N		17	32	5	<1	<0.5	<5	30	<5	
L164E-15+00N		19	30	<5	1	<0.5	<5	25	<5	
L164E-14+00N		5	27	6	1	<0.5	<5	45	<5	



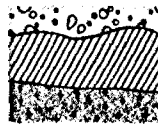


REPORT: 088-00001.0

PROJECT: 87-200

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L164E-13+75N		5	11	<5	<1	<0.5	<5	35	<5	
L164E-11+75N		2	8	<5	<1	<0.5	<5	55	<5	
L164E-11+50N		3	2	11	<1	<0.5	<5	15	<5	
L164E-11+25N		2	12	<5	<1	<0.5	<5	50	<5	
L164E-11+00N		9	36	<5	<1	<0.5	<5	25	<5	
L164E-10+75N		<1	4	<5	<1	<0.5	<5	55	<5	
L164E-10+50N		<1	3	14	<1	<0.5	<5	10	<5	
L164E-10+25N		5	26	5	<1	<0.5	<5	5	<5	
L164E-10+00N		1	12	<5	<1	<0.5	<5	25	<5	
L164E-9+75N		2	11	<5	<1	<0.5	<5	20	<5	
L164E-9+50N		2	11	<5	<1	<0.5	<5	30	<5	
L164E-9+25N		13	27	<5	4	<0.5	<5	15	<5	
L164E-9+00N		13	24	<5	4	<0.5	<5	35	<5	
L164E-8+75N		10	18	<5	3	<0.5	<5	25	<5	
L164E-8+50N		9	35	<5	<1	<0.5	<5	25	<5	
L164E-8+25N		13	10	<5	<1	<0.5	<5	30	<5	
L164E-8+00N		7	22	<5	<1	<0.5	<5	65	<5	
L165E-20+00N		2	14	<5	<1	<0.5	<5	25	<5	
L165E-19+75N		20	33	<5	<1	<0.5	<5	25	<5	
L165E-19+50N		14	29	<5	<1	<0.5	<5	30	<5	
L165E-19+25N		3	19	<5	<1	<0.5	<5	35	<5	
L165E-19+00N		2	13	<5	<1	<0.5	<5	20	<5	
L165E-18+75N		2	15	<5	<1	<0.5	<5	30	<5	
L165E-18+50N		6	28	<5	<1	<0.5	<5	30	<5	
L165E-18+25N		17	69	<5	<1	<0.5	<5	35	<5	
L165E-18+00N		18	67	5	<1	<0.5	<5	25	<5	
L165E-17+75N		163	59	<5	1	<0.5	<5	25	<5	
L165E-17+50N		5	27	<5	<1	<0.5	<5	55	<5	
L165E-17+25N		4	26	<5	<1	<0.5	<5	25	<5	
L165E-17+00N		4	23	8	<1	<0.5	<5	20	<5	
L165E-16+50N		5	36	<5	<1	<0.5	<5	40	<5	
L165E-16+25N		4	14	<5	<1	<0.5	<5	20	<5	
L165E-16+00N		5	5	<5	<1	<0.5	<5	35	<5	
L165E-15+25N		3	27	14	<1	<0.5	<5	25	<5	
L165E-15+00N		4	17	<5	<1	<0.5	<5	15	<5	
L165E-14+75N		22	28	<5	<1	<0.5	<5	20	<5	
L165E-14+50N		7	14	<5	<1	<0.5	<5	35	<5	
L165E-14+25N		8	21	7	<1	<0.5	<5	30	<5	
L165E-14+00N		2	15	<5	<1	<0.5	<5	20	<5	
L165E-13+75N		6	21	7	<1	<0.5	<5	10	<5	



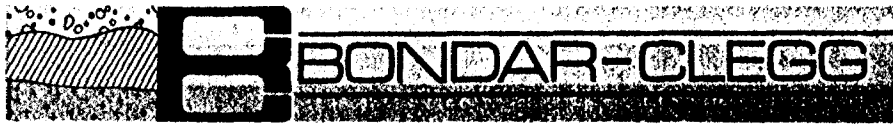
REPORT: 088-00001.0

PROJECT: 87-200

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L165E-13+50N		5	26	<5	<1	2.1	<5	10	280	
L165E-13+25N		8	21	<5	<1	<0.5	<5	30	<5	
L165E-13+00N		4	11	<5	<1	<0.5	<5	30	<5	
L165E-12+75N		2	5	<5	<1	<0.5	<5	25	<5	
L165E-12+50N		2	9	8	<1	<0.5	<5	20	<5	
L165E-12+25N		2	7	<5	<1	<0.5	<5	10	<5	
L165E-12+00N		4	20	<5	<1	<0.5	<5	45	<5	
L165E-11+75N		11	17	<5	<1	<0.5	<5	35	<5	
L165E-11+50N		5	5	<5	<1	<0.5	<5	40	<5	
L165E-11+25N		4	5	<5	<1	<0.5	<5	35	<5	
L165E-11+00N		113	50	<5	1	<0.5	<5	35	<5	
L165E-10+75N		10	14	<5	2	<0.5	<5	30	<5	
L165E-10+50N		16	31	<5	1	<0.5	<5	65	<5	
L165E-10+25N		5	35	<5	<1	<0.5	<5	35	<5	
L165E-10+00N		2	20	<5	<1	<0.5	<5	10	<5	
L165E-9+75N		1	21	<5	<1	<0.5	<5	30	<5	
L165E-9+50N		1	10	6	<1	<0.5	<5	20	<5	
L165E-9+25N		2	15	<5	<1	<0.5	<5	20	<5	
L165E-9+00N		4	16	6	<1	<0.5	<5	10	<5	
L165E-8+75N		9	28	<5	<1	<0.5	<5	10	<5	
L165E-8+50N		7	27	<5	<1	<0.5	<5	10	<5	
L165E-8+25N		7	23	10	<1	<0.5	<5	35	<5	
L165E-8+00N		3	12	<5	<1	<0.5	<5	30	<5	
L165E-7+75N		4	11	<5	<1	<0.5	<5	15	<5	
L165E-7+50N		1	4	<5	<1	<0.5	<5	<5	<5	
L165E-7+25N		1	9	<5	<1	<0.5	<5	10	<5	
L165E-7+00N		<1	5	<5	<1	<0.5	<5	10	<5	
L165E-6+75N		4	24	<5	<1	<0.5	<5	20	<5	
L165E-6+50N		7	35	<5	<1	<0.5	<5	35	<5	
L165E-6+25N		<1	7	<5	<1	<0.5	<5	<5	<5	
L165E-6+00N		2	9	<5	<1	<0.5	<5	15	<5	

Bondar-Clegg & Company Ltd.  
 5420 Canotek Rd.,  
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Geochemical  
 Lab Report

REPORT: 083-00092.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: DOLPHIN EXPLS. LTD.  
 PROJECT: 87-200

SUBMITTED BY: S. SEARS  
 DATE PRINTED: 27-JAN-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	10	1 PPM	HCl-HNO <sub>3</sub> , (1:3)	DC Plasma
2	Zn Zinc	10	1 PPM	HCl-HNO <sub>3</sub> , (1:3)	DC Plasma
3	As Arsenic	10	5 PPM	HCl-HNO <sub>3</sub> , (1:3)	DC Plasma
4	Mo Molybdenum	10	1 PPM	HCl-HNO <sub>3</sub> , (1:3)	DC Plasma
5	Ag Silver	10	0.5 PPM	HCl-HNO <sub>3</sub> , (1:3)	DC Plasma
6	Sb Antimony	10	5 PPM	HCl-HNO <sub>3</sub> , (1:3)	DC Plasma
7	Hg Mercury	10	5 PPB	HNO <sub>3</sub> -H <sub>2</sub> SO <sub>4</sub> -HCl-KMNO <sub>4</sub>	Cold Vapour AA
8	Au Gold	10	1 PPB	AQUA REGIA	FireAssay/DC Plasma

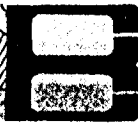
SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ORGANIC OR HUMUS	10	-10	10	SIEVE	17

REMARKS: HUMUS SAMPLES PREPARED AND ANALYZED SEPARATELY  
 FROM 018-0001 AND 018-0002.  
 < MEANS LESS THAN.  
 > MEANS GREATER THAN.

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 SEARS, BARRY & ASSOC.

INVOICE TO: C/O MASCOY GOLD MINES

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REPORT: 088-00092.0

PROJECT: 87-200

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB
L51E 17+75N		9	81	<5	1	<0.5	<5	150	9
L53E 14+75N		12	69	6	<1	<0.5	<5	180	9
L53E 13+50N		8	34	<5	<1	<0.5	<5	80	5
L53E 12+25N		17	56	<5	<1	<0.5	<5	135	4
L53E 10+00N		32	58	<5	<1	<0.5	<5	275	6
L53E 8+75N		20	47	5	<1	<0.5	<5	225	4
L137E 4+25S		24	85	6	1	0.6	<5	115	3
L32E 2+25S		12	54	<5	1	<0.5	<5	210	4
L32E 3+00S		13	63	<5	1	<0.5	<5	125	7
L33E 5+50S		8	41	<5	<1	<0.5	5	130	4
L41E 6+00N		10	41	<5	<1	<0.5	<5	60	2
L41E 5+75N		12	32	<5	<1	<0.5	<5	70	2
L41E 5+50N		6	44	<5	<1	<0.5	<5	220	2
L41E 5+25N		7	39	11	<1	<0.5	6	60	3
L41E 4+75N		10	28	<5	<1	<0.5	10	90	2
L41E 4+50N		17	42	<5	<1	0.6	<5	80	3
L41E 2+75S		9	72	<5	1	<0.5	<5	155	8
L41E 3+50S		11	73	<5	1	<0.5	<5	165	3

REPORT: 088-00002.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: DOLPHIN EXPLS. LTD.

SUBMITTED BY: S. SEARS

PROJECT: 87-200

DATE PRINTED: 29-JAN-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	466	1 PPM	HCl-HNO3, (1:3)	DC Plasma
2	Zn Zinc	466	1 PPM	HCl-HNO3, (1:3)	DC Plasma
3	As Arsenic	466	5 PPM	HCl-HNO3, (1:3)	DC Plasma
4	Mo Molybdenum	466	1 PPM	HCl-HNO3, (1:3)	DC Plasma
5	Ag Silver	466	0.5 PPM	HCl-HNO3, (1:3)	DC Plasma
6	Sb Antimony	466	5 PPM	HCl-HNO3, (1:3)	DC Plasma
7	Hg Mercury	466	5 PPM	HNO3-H2SO4-HCl-KMNO4	Cold Vapour AA
8	Au Gold	467	5 PPM	AQUA REGIA	FA-AA @ 30 gm weight
9	Testwt Fire Assay Test Wt.	18	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	467	-80	467	DRY, SIEVE -80	467

REMARKS: SAMPLES TOTALLY LOST IN TRANSIT:  
 L129E-3+50S, L129E-4+50S, L129E-4+75S,  
 L131E-1+75E, AND L145E-3+00N.  
 SAMPLE PARTIALLY LOST IN TRANSIT AND WITH  
 POSSIBLE CONTAMINATION: L32E-1+50S.  
 SAMPLE PARTIALLY LOST IN TRANSIT:  
 L129E-4+25S.  
 < MEANS LESS THAN.

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 SEARS, BARRY & ASSOC.

INVOICE TO: C/O MASCOT GOLD MINES

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REPORT: 088-00002.0

PROJECT: 87-200

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PFB	Au PPB	Testwt gms
L32E-2+25N		3	16	<5	<1	<0.5	<5	35	<5	
L32E-2+00N		3	9	<5	<1	<0.5	<5	25	<5	
L32E-1+75N		2	8	8	<1	<0.5	<5	15	<5	
L32E-1+50N		3	17	6	<1	<0.5	<5	20	<5	
L32E-1+25N		4	27	10	<1	<0.5	<5	20	<5	
L32E-1+00N		2	21	10	<1	<0.5	<5	15	<5	
L32E-0+75N		4	31	16	<1	<0.5	<5	25	<5	
L32E-0+50N		1	12	<5	<1	<0.5	<5	15	<5	
L32E-0+25N		5	19	7	<1	<0.5	6	25	<5	
L32E-0+25S		2	9	<5	<1	<0.5	<5	15	<5	
L32E-0+50S		2	10	14	<1	<0.5	<5	20	<5	
L32E-0+75S		1	5	6	<1	<0.5	5	10	<5	
L32E-1+00S		3	10	<5	<1	<0.5	<5	30	<5	
L32E-1+25S		4	26	<5	<1	<0.5	6	60	<5	23.00
L32E-1+50S		2	20	<5	<1	<0.5	<5	30	<5	
L32E-1+75S		2	8	<5	<1	<0.5	7	20	<5	
L32E-2+00S		3	10	6	<1	<0.5	<5	20	<5	
L32E-3+25S		2	6	12	<1	<0.5	6	20	<5	
L32E-3+50S		1	6	14	<1	<0.5	<5	20	<5	
L32E-3+75S		2	13	<5	<1	<0.5	<5	25	<5	
L32E-4+00S		2	6	16	<1	<0.5	<5	30	<5	
L32E-4+25S		1	11	5	<1	<0.5	<5	25	<5	
L32E-4+50S		1	10	<5	<1	<0.5	5	45	<5	
L32E-4+75S		2	10	12	<1	<0.5	<5	15	<5	
L32E-5+00S		1	9	<5	<1	<0.5	<5	15	<5	
L32E-5+25S		<1	5	7	<1	<0.5	<5	20	<5	
L32E-5+50S		<1	14	<5	<1	<0.5	<5	20	<5	
L32E-5+75S		1	6	<5	<1	<0.5	<5	15	<5	
L32E-6+00S		<1	9	<5	<1	<0.5	<5	25	<5	
L32E-6+25S		2	5	<5	<1	<0.5	<5	15	<5	
L33E-1+20N		<1	12	<5	<1	<0.5	<5	10	<5	
L33E-1+00N		2	18	<5	<1	<0.5	<5	30	<5	
L33E-0+75N		1	10	<5	<1	<0.5	<5	10	<5	
L33E-0+50N		3	30	8	<1	<0.5	<5	25	<5	
L33E-0+25N		<1	5	11	<1	<0.5	<5	5	<5	
L33E-0+00		1	10	<5	<1	<0.5	9	15	<5	
L33E-0+25S		30	37	<5	<1	<0.5	<5	45	<5	
L33E-0+50S		37	37	<5	<1	<0.5	<5	70	<5	
L33E-0+75S		3	13	<5	<1	<0.5	<5	15	<5	
L33E-1+00S		2	11	<5	<1	<0.5	<5	15	<5	

REPORT: 088-00002.0

PROJECT: 87-200

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L33E-1+25S		4	20	<5	<1	<0.5	<5	15	<5	
L33E-1+50S		2	29	13	<1	<0.5	<5	25	<5	
L33E-1+75S		2	11	5	<1	<0.5	<5	15	<5	
L33E-2+00S		4	26	7	<1	<0.5	<5	20	<5	
L33E-2+25S		8	39	<5	<1	<0.5	<5	25	<5	
L33E-2+50S		9	47	<5	<1	<0.5	<5	25	<5	
L33E-2+75S		5	15	<5	<1	<0.5	<5	20	<5	
L33E-3+00S		4	11	5	<1	<0.5	<5	20	<5	
L33E-3+25S		8	10	12	<1	<0.5	<5	25	<5	
L33E-3+50S		4	12	<5	<1	<0.5	<5	20	<5	
L33E-3+75S		2	24	<5	<1	<0.5	<5	25	<5	
L33E-4+00S		<1	7	<5	<1	<0.5	<5	15	<5	
L33E-4+25S		1	14	<5	<1	<0.5	<5	20	<5	
L33E-4+50S		3	19	8	<1	<0.5	<5	25	<5	
L33E-4+75S		3	12	<5	<1	<0.5	<5	35	<5	
L33E-5+00S		1	4	<5	<1	<0.5	<5	15	<5	
L33E-5+25S		2	6	<5	<1	<0.5	<5	20	<5	
L33E-5+75S		4	12	<5	<1	<0.5	<5	20	<5	
L33E-6+00S		9	37	<5	<1	<0.5	<5	45	<5	
L33E-6+25S		1	6	<5	<1	<0.5	<5	15	<5	
L33E-6+50S		1	11	<5	<1	<0.5	<5	35	<5	
L33E-6+75S		2	10	<5	<1	3.1	<5	20	<5	
L34E-0+75N		1	8	<5	<1	<0.5	<5	20	<5	
L34E-0+50N		2	10	6	<1	<0.5	<5	15	<5	
L34E-0+25N		2	9	5	<1	<0.5	<5	20	<5	
L34E-0+00		25	57	<5	1	0.5	<5	80	<5	
L34E-0+25S		2	16	<5	<1	<0.5	<5	20	<5	
L34E-0+50S		6	11	6	<1	<0.5	<5	20	<5	
L34E-0+75S		28	32	<5	<1	<0.5	<5	25	<5	
L34E-1+00S		<1	10	<5	<1	<0.5	<5	15	<5	
L34E-1+25S		5	16	<5	<1	0.5	<5	75	<5	
L34E-1+50S		<1	9	10	<1	<0.5	<5	15	<5	
L34E-1+75S		<1	7	<5	<1	<0.5	<5	5	<5	
L34E-2+00S		1	7	<5	<1	<0.5	<5	10	<5	
L34E-2+25S		2	6	<5	<1	<0.5	<5	20	<5	
L34E-2+50S		1	9	6	<1	<0.5	<5	10	<5	
L34E-2+75S		<1	13	<5	<1	<0.5	<5	20	<5	
L34E-3+00S		1	11	<5	<1	<0.5	<5	10	<5	
L34E-3+25S		<1	6	<5	<1	<0.5	<5	20	<5	
L34E-3+75S		7	11	<5	<1	<0.5	<5	30	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L34E-4+00S		4	9	<5	<1	<0.5	<5	35	<5	
L34E-4+25S		3	5	<5	<1	<0.5	<5	20	<5	
L34E-4+50S		<1	4	<5	<1	<0.5	<5	10	<5	
L34E-4+75S		<1	8	<5	<1	<0.5	<5	15	<5	
L34E-5+00S		3	8	<5	<1	<0.5	<5	15	<5	
L34E-5+25S		4	24	<5	<1	<0.5	<5	55	<5	
L34E-5+50S		2	12	<5	<1	<0.5	<5	20	<5	
L34E-5+75S		2	15	<5	<1	<0.5	<5	15	<5	
L34E-6+00S		4	23	15	<1	<0.5	<5	20	<5	
L34E-6+25S		<1	25	<5	<1	<0.5	<5	15	<5	
L34E-6+50S		1	21	<5	<1	<0.5	<5	20	<5	
L34E-6+75S		<1	21	<5	<1	<0.5	<5	15	<5	
L34E-7+00S		<1	12	6	<1	<0.5	<5	15	<5	
L34E-7+25S		<1	9	9	<1	<0.5	<5	10	<5	
L38E-3+50N		2	2	<5	<1	<0.5	<5	5	<5	
L38E-3+25N		4	17	<5	<1	<0.5	<5	25	<5	
L38E-3+00N		4	17	<5	<1	<0.5	<5	20	<5	
L38E-2+75N		8	33	<5	<1	<0.5	<5	70	<5	
L38E-2+50N		30	41	<5	<1	<0.5	<5	90	<5	
L38E-2+25N		9	14	<5	<1	<0.5	<5	45	<5	
L38E-2+00N		4	11	<5	<1	<0.5	<5	30	<5	
L38E-1+75N		2	9	<5	<1	<0.5	<5	20	<5	
L38E-1+50N		4	10	<5	<1	<0.5	8	20	<5	
L38E-1+25N		6	25	11	<1	<0.5	9	50	<5	
L38E-1+00N		3	9	6	<1	<0.5	<5	25	<5	
L38E-0+75N		3	18	7	<1	<0.5	6	25	<5	
L38E-0+50N		6	18	<5	<1	<0.5	7	20	<5	
L38E-0+25N		5	5	10	<1	<0.5	<5	20	<5	
L38E-0+00		3	12	6	<1	<0.5	<5	25	<5	
L38E-0+25S		1	6	<5	<1	<0.5	5	20	<5	
L38E-0+50S		2	6	7	<1	<0.5	<5	20	<5	
L38E-0+75S		27	59	<5	4	0.7	5	130	<5	10.00
L38E-1+00S		3	12	<5	<1	<0.5	<5	20	<5	
L38E-1+25S		<1	12	<5	<1	<0.5	<5	10	<5	
L38E-1+50S		4	39	<5	<1	0.5	<5	50	<5	
L38E-1+75S		2	13	<5	<1	<0.5	<5	20	<5	
L38E-2+00S		2	11	<5	<1	1.6	<5	15	<5	
L38E-2+25S		1	17	<5	<1	<0.5	<5	15	<5	
L38E-2+50S		2	20	<5	<1	<0.5	<5	20	<5	
L38E-2+75S		1	16	<5	<1	<0.5	<5	15	<5	





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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L39E-3+00S		7	52	<5	<1	<0.5	<5	40	<5	10.00
L39E-3+25S		9	57	<5	<1	<0.5	<5	40	<5	10.00
L39E-0+00		5	23	<5	<1	<0.5	<5	30	<5	
L39E-0+25S		4	6	<5	<1	<0.5	<5	45	<5	
L39E-0+50S		4	4	<5	<1	<0.5	<5	40	<5	
L39E-0+75S		88	83	<5	<1	<0.5	<5	35	<5	
L39E-1+00S		5	20	<5	<1	<0.5	<5	25	<5	
L39E-1+25S		3	11	<5	<1	<0.5	<5	15	<5	
L39E-1+50S		5	18	<5	<1	<0.5	<5	20	<5	
L39E-1+75S		4	10	<5	<1	<0.5	<5	70	<5	
L39E-1+97S		58	62	<5	<1	<0.5	<5	35	<5	
L40E-15+00N		6	25	7	<1	<0.5	<5	45	<5	
L40E-14+75N		6	9	<5	<1	<0.5	<5	30	<5	
L40E-14+50N		3	14	<5	<1	<0.5	<5	25	<5	
L40E-14+25N		6	26	<5	<1	<0.5	<5	5	<5	
L40E-14+00N		17	126	<5	<1	<0.5	<5	20	<5	
L40E-13+75N		1	4	<5	<1	<0.5	<5	15	<5	
L40E-13+50N		1	5	<5	<1	<0.5	<5	5	<5	
L40E-13+25N		4	11	<5	<1	<0.5	<5	30	<5	
L40E-13+00N		11	19	<5	1	<0.5	<5	55	<5	
L40E-12+75N		7	16	<5	<1	<0.5	<5	55	<5	
L40E-12+50N		5	11	8	<1	<0.5	<5	35	<5	
L40E-12+25N		5	12	<5	<1	<0.5	<5	30	<5	
L40E-12+00N		6	12	<5	<1	0.6	<5	10	<5	
L40E-11+75N		2	12	6	<1	<0.5	<5	15	<5	
L40E-11+50N		3	22	<5	<1	<0.5	<5	30	<5	
L40E-11+25N		6	36	<5	<1	<0.5	<5	35	75	
L40E-11+00N		2	8	<5	<1	<0.5	<5	15	<5	
L40E-10+75N		4	10	<5	<1	<0.5	<5	25	<5	
L40E-10+50N		5	18	<5	<1	<0.5	<5	25	<5	
L40E-10+25N		4	13	<5	<1	<0.5	<5	70	<5	
L40E-10+00N		3	15	6	<1	<0.5	<5	50	<5	
L40E-9+75N		1	3	<5	<1	<0.5	<5	25	<5	
L40E-9+50N		7	18	<5	<1	<0.5	<5	55	<5	
L40E-9+25N		5	13	<5	<1	<0.5	<5	45	<5	
L40E-9+00N		19	25	<5	<1	<0.5	<5	60	<5	
L40E-8+75N		17	24	6	<1	<0.5	<5	60	<5	
L40E-8+50N		8	20	<5	<1	<0.5	<5	40	<5	
L40E-8+25N		13	29	<5	<1	<0.5	<5	35	<5	
L40E-8+00N		11	18	<5	<1	<0.5	<5	60	<5	

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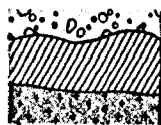
SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPM	Au PPM	Testwt gas
L40E-7+75N		10	23	<5	<1	<0.5	<5	75	<5	
L40E-7+50N		<1	4	<5	<1	<0.5	<5	10	<5	
L40E-7+25N		1	7	<5	<1	<0.5	<5	25	<5	
L40E-6+75N		<1	5	9	<1	<0.5	<5	15	<5	
L40E-6+50N		3	7	<5	<1	<0.5	<5	20	<5	
L40E-6+25N		3	10	<5	<1	1.4	<5	20	<5	
L40E-6+00N		11	19	7	<1	<0.5	<5	70	<5	
L40E-5+75N		12	25	<5	<1	<0.5	<5	90	<5	
L40E-5+50N		15	28	7	<1	<0.5	<5	85	<5	
L40E-5+25N		4	8	<5	<1	<0.5	<5	20	<5	
L40E-5+00N		4	30	<5	<1	<0.5	<5	30	<5	
L40E-4+75N		2	7	<5	<1	<0.5	<5	10	5	
L40E-4+50N		5	15	<5	<1	<0.5	<5	20	25	
L40E-4+25N		14	33	<5	<1	0.5	<5	20	<5	
L40E-4+00N		14	36	<5	<1	0.5	<5	20	<5	
L40E-3+75N		6	21	<5	<1	1.0	<5	25	<5	
L40E-3+50N		3	12	<5	<1	0.5	<5	40	<5	
L40E-3+25N		3	6	<5	<1	<0.5	<5	45	<5	
L40E-3+00N		2	8	<5	<1	<0.5	<5	20	<5	
L40E-2+75N		3	7	<5	<1	<0.5	<5	15	<5	
L40E-2+50N		3	6	<5	<1	<0.5	<5	20	<5	
L40E-2+25N		3	14	<5	<1	<0.5	<5	20	<5	
L40E-2+00N		3	11	<5	<1	<0.5	<5	20	<5	
L40E-1+75N		12	18	<5	2	0.5	<5	130	<5	
L40E-1+25N		8	19	<5	3	<0.5	<5	25	<5	
L40E-1+00N		7	19	<5	3	<0.5	<5	25	<5	
L40E-0+75N		2	6	<5	<1	<0.5	<5	20	<5	
L40E-0+50N		2	8	12	<1	<0.5	<5	30	<5	
L40E-0+25N		3	7	6	<1	0.5	<5	25	<5	
L40E-0+00		7	11	6	<1	<0.5	5	20	<5	
L40E-0+25S		5	37	<5	<1	<0.5	<5	65	<5	
L40E-0+50S		3	17	7	<1	<0.5	6	30	<5	
L40E-0+75S		2	10	8	<1	0.5	<5	30	<5	
L40E-1+00S		4	16	5	<1	<0.5	<5	10	<5	
L40E-1+25S		4	5	<5	<1	<0.5	<5	35	<5	
L40E-1+50S		4	7	8	<1	<0.5	<5	20	<5	
L40E-1+75S		2	5	<5	<1	<0.5	<5	10	<5	
L40E-2+00S		1	11	<5	<1	<0.5	<5	5	<5	
L40E-2+25S		1	8	<5	<1	<0.5	<5	10	<5	
L40E-2+50S		3	22	<5	<1	<0.5	<5	30	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L40E-2+75S		3	8	<5	<1	<0.5	<5	20	<5	
L40E-3+00S		4	8	<5	<1	<0.5	<5	15	<5	
L41E-5+00N		4	11	<5	<1	0.5	<5	40	<5	
L41E-4+25N		2	7	<5	<1	0.7	<5	15	<5	
L41E-4+00N		4	6	<5	<1	<0.5	<5	30	<5	
L41E-3+75N		5	19	<5	<1	<0.5	<5	35	<5	
L41E-3+50N		4	28	<5	<1	<0.5	<5	25	<5	
L41E-3+25N		4	6	<5	<1	<0.5	<5	35	<5	
L41E-3+00N		4	13	<5	<1	<0.5	<5	20	<5	
L41E-2+75N		4	12	<5	<1	<0.5	<5	20	<5	
L41E-2+50N		9	20	9	<1	<0.5	<5	50	<5	
L41E-2+25N		5	11	<5	<1	<0.5	<5	35	<5	
L41E-2+00N		24	29	<5	<1	<0.5	<5	110	<5	20.00
L41E-1+75N		2	22	6	<1	<0.5	<5	35	<5	
L41E-1+50N		1	19	6	<1	<0.5	<5	30	<5	
L41E-1+25N		3	21	<5	<1	<0.5	<5	30	<5	
L41E-1+00N		7	13	<5	<1	<0.5	<5	50	<5	
L41E-0+75N		10	33	<5	<1	<0.5	<5	40	<5	
L41E-0+50N		4	15	<5	<1	<0.5	<5	10	<5	
L41E-0+25N		3	15	<5	<1	<0.5	<5	10	<5	
L41E-0+00		3	22	<5	<1	<0.5	<5	30	<5	
L41E-0+25S		3	14	<5	<1	<0.5	<5	30	<5	
L41E-0+50S		2	22	<5	<1	<0.5	<5	10	<5	
L41E-0+75S		3	16	<5	<1	<0.5	<5	20	<5	
L41E-1+00S		2	9	<5	<1	<0.5	6	20	<5	
L41E-1+25S		4	15	<5	<1	<0.5	9	50	<5	20.00
L41E-1+50S		77	39	<5	<1	<0.5	6	155	<5	10.00
L41E-1+75S		17	53	<5	<1	<0.5	<5	50	<5	
L41E-2+00S		17	55	<5	<1	<0.5	6	50	<5	
L42E-6+50N		11	22	<5	<1	<0.5	<5	50	<10	9.00
L42E-6+25N		10	16	<5	<1	<0.5	<5	55	<5	18.00
L42E-6+00N		22	34	<5	<1	<0.5	<5	60	<5	
L42E-5+75N		10	19	<5	<1	<0.5	<5	50	<5	
L42E-5+50N		24	32	<5	1	<0.5	<5	50	<5	
L42E-5+25N		11	15	<5	<1	<0.5	<5	30	<5	
L42E-5+00N		90	29	7	<1	<0.5	<5	140	<10	5.00
L42E-4+75N		13	25	<5	<1	<0.5	<5	30	<5	
L42E-4+50N		9	31	<5	<1	<0.5	<5	70	<5	13.00
L42E-4+25N		2	9	<5	<1	<0.5	<5	25	<5	
L42E-4+00N		11	42	<5	<1	<0.5	<5	35	<5	

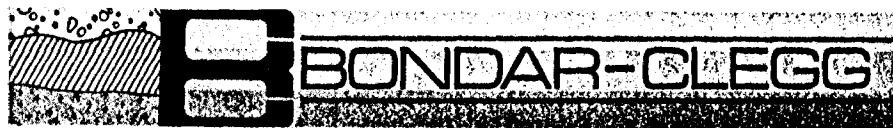


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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPH	Hg PPB	Au PPB	Testwt gms
L42E-3+75N		4	10	<5	<1	<0.5	<5	30	<5	
L42E-3+50N		5	17	<5	<1	<0.5	<5	45	<5	
L42E-3+25N		3	22	7	<1	<0.5	<5	30	<5	
L42E-3+00N		2	18	<5	<1	<0.5	<5	25	<5	
L42E-2+75N		8	25	6	<1	<0.5	<5	35	<5	
L42E-2+50N		4	21	<5	<1	<0.5	<5	20	<5	
L42E-2+25N		11	19	<5	<1	<0.5	<5	45	<5	
L42E-2+00N		10	26	<5	<1	<0.5	<5	30	<5	
L42E-1+75N		13	32	<5	2	<0.5	6	90	<5	
L42E-1+50N		6	17	<5	<1	<0.5	9	55	<5	
L42E-1+25N		4	11	6	<1	<0.5	<5	30	<5	
L42E-1+00N		2	15	<5	<1	<0.5	<5	25	<5	
L42E-0+75N		1	17	<5	<1	<0.5	<5	20	<5	
L42E-0+50N		5	24	11	<1	<0.5	9	25	<5	
L42E-0+25N		4	19	9	<1	<0.5	<5	30	<5	
L42E-0+00		6	34	<5	<1	<0.5	<5	35	<5	
L45E-19+00N		2	13	8	<1	<0.5	<5	20	<5	
L45E-18+75N		7	23	<5	<1	<0.5	<5	30	<5	
L45E-18+50N		9	51	<5	<1	<0.5	<5	20	<5	
L45E-18+25N		7	52	<5	<1	<0.5	<5	20	<5	
L45E-18+00N		8	51	<5	<1	<0.5	<5	25	<5	
L45E-17+75N		1	10	<5	<1	<0.5	<5	20	<5	
L45E-17+50N		7	21	<5	<1	<0.5	7	20	<5	
L45E-17+25N		2	14	<5	<1	<0.5	<5	20	<5	
L45E-17+00N		2	10	<5	<1	<0.5	<5	30	<5	
L45E-16+75N		2	17	<5	<1	<0.5	<5	25	<5	
L45E-16+50N		2	15	<5	<1	<0.5	<5	35	<5	
L45E-16+25N		5	20	<5	<1	<0.5	<5	35	<5	
L45E-16+00N		7	31	<5	<1	<0.5	<5	35	<5	
L45E-15+75N		3	24	8	<1	<0.5	<5	25	<5	
L45E-15+50N		2	14	<5	<1	<0.5	<5	25	<5	
L45E-15+25N		3	18	<5	<1	<0.5	<5	20	<5	
L45E-15+00N		4	22	<5	<1	<0.5	5	30	<5	
L45E-14+75N		5	21	8	<1	<0.5	6	25	<5	
L45E-14+50N		7	24	6	<1	<0.5	<5	30	<5	
L45E-14+25N		4	18	11	<1	<0.5	<5	25	<5	
L45E-14+00N		5	22	<5	<1	<0.5	9	30	<5	
L63E-17+66N		8	29	5	<1	<0.5	<5	30	<5	
L63E-17+50N		7	21	<5	<1	<0.5	<5	20	<5	
L63E-17+25N		8	25	7	<1	<0.5	<5	25	<5	

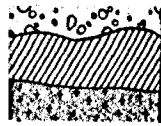


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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L63E-17+00N		3	12	<5	<1	<0.5	7	20	<5	
L63E-16+75N		8	21	<5	<1	<0.5	<5	25	<5	
L63E-16+50N		7	22	<5	<1	<0.5	<5	30	<5	
L63E-16+25N		4	17	<5	<1	<0.5	<5	15	<5	
L63E-16+00N		5	21	<5	<1	<0.5	<5	20	<5	
L63E-15+75N		2	7	<5	<1	<0.5	<5	20	<5	
L63E-15+50N		7	8	<5	<1	<0.5	<5	25	<5	
L63E-15+25N		5	9	<5	<1	<0.5	<5	25	<5	
L63E-15+00N		10	29	<5	<1	<0.5	<5	90	<5	25.00
L63E-14+75N		8	17	<5	<1	<0.5	<5	35	<5	
L63E-14+50N		9	49	<5	<1	<0.5	<5	40	<5	19.00
L63E-14+25N		16	34	5	<1	<0.5	<5	35	<5	
L63E-14+00N		5	30	<5	<1	<0.5	<5	25	<5	
L63E-13+75N		9	38	<5	<1	<0.5	<5	25	<5	
L63E-13+50N		18	18	18	18	18	18	18	<50	1.39
L63E-13+25N		6	8	<5	<1	<0.5	<5	60	<5	
L63E-13+00N		12	29	<5	<1	<0.5	<5	55	<5	20.00
L63E-12+75N		4	10	<5	<1	<0.5	<5	25	<5	
L63E-12+50N		5	26	<5	<1	<0.5	<5	35	<5	
L63E-12+25N		5	9	<5	<1	<0.5	<5	30	5	
L63E-12+00N		3	14	<5	<1	<0.5	<5	25	<5	
L63E-11+75N		2	30	<5	<1	<0.5	<5	25	<5	
L63E-11+50N		3	18	<5	<1	<0.5	<5	30	<5	
L63E-11+25N		<1	13	5	<1	<0.5	<5	10	<5	
L63E-11+00N		6	22	<5	<1	<0.5	<5	30	<5	
L63E-10+75N		16	31	8	<1	<0.5	<5	30	10	
L63E-10+50N		14	19	<5	<1	<0.5	<5	50	<5	
L63E-10+34N		12	22	<5	<1	<0.5	<5	30	<5	
L129E-1+75N		7	10	<5	<1	<0.5	<5	30	<5	
L129E-1+50N		5	13	<5	<1	<0.5	<5	20	<5	
L129E-1+25N		5	19	<5	<1	<0.5	<5	25	<5	
L129E-1+00N		<1	4	<5	<1	<0.5	<5	5	<5	
L129E-0+75N		1	8	<5	<1	<0.5	<5	10	<5	
L129E-0+50N		<1	5	<5	<1	<0.5	<5	10	<5	
L129E-0+25N		2	10	<5	<1	<0.5	<5	10	<5	
L129E-0+00		1	16	<5	<1	<0.5	<5	20	<5	
L129E-0+25S(A)		2	20	<5	<1	<0.5	<5	25	<5	
L129E-0+25S(B)		1	16	<5	<1	<0.5	<5	30	<5	
L129E-0+50S		<1	12	<5	<1	<0.5	<5	20	<5	
L129E-0+75S		<1	10	<5	<1	<0.5	<5	25	<5	



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PROJECT: 87-200

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPR	Au PPB	Testwt gms
L129E-1400S		<1	20	<5	<1	<0.5	<5	20	<5	
L129E-1425S		<1	8	<5	<1	<0.5	<5	25	<5	
L129E-1450S		2	20	<5	<1	<0.5	<5	25	<5	
L129E-1475S		1	9	<5	<1	<0.5	<5	20	<5	
L129E-2400S		<1	<1	<5	<1	<0.5	<5	15	<5	
L129E-2425S		<1	5	<5	<1	<0.5	<5	20	<5	
L129E-2450S		2	12	<5	<1	<0.5	<5	10	<5	
L129E-3475S		2	27	<5	<1	<0.5	<5	10	<5	
L129E-4400S		<1	8	<5	<1	<0.5	<5	25	<5	
L129E-4425S		2	11	<5	<1	<0.5	<5	15	<5	21.00
L130E-1475N		5	23	<5	<1	<0.5	<5	30	<5	
L130E-1450N		<1	6	<5	<1	<0.5	<5	10	<5	
L130E-1425N		1	14	<5	<1	<0.5	7	10	<5	
L130E-1400N		<1	22	<5	<1	<0.5	<5	30	<5	
L130E-0475N		1	16	<5	<1	<0.5	6	25	<5	
L130E-0450N		<1	10	<5	<1	<0.5	<5	5	<5	
L130E-0425N		32	39	11	<1	<0.5	5	10	<5	
L130E-0400		7	19	<5	<1	<0.5	<5	20	<5	
L130E-5450W		1	8	11	<1	<0.5	7	15	<5	
L130E-5425W		3	10	13	<1	<0.5	<5	15	<5	
L130E-5400W		<1	3	<5	<1	<0.5	<5	20	<5	
L130E-4475W		1	13	<5	<1	<0.5	<5	30	<5	
L130E-4450W		<1	6	<5	<1	<0.5	<5	15	<5	
L130E-4425W		7	40	<5	<1	<0.5	<5	30	<5	
L130E-4400W		2	9	<5	<1	<0.5	<5	15	<5	
L130E-3475W		<1	9	<5	<1	<0.5	<5	10	<5	
L130E-3450W		<1	8	<5	<1	<0.5	<5	10	<5	
L130E-3425W		1	5	<5	<1	<0.5	<5	10	<5	
L130E-3400W		2	18	7	<1	<0.5	<5	25	<5	
L130E-2475W		1	16	<5	<1	<0.5	<5	20	<5	
L130E-2450W		1	18	<5	<1	<0.5	<5	15	<5	
L130E-2425W		2	24	<5	<1	<0.5	<5	25	<5	
L130E-2400W		<1	3	<5	<1	<0.5	<5	20	<5	
L130E-1475W		2	8	9	<1	<0.5	<5	20	<5	
L130E-1450W		4	10	<5	<1	<0.5	<5	20	<5	
L130E-1425W		11	15	<5	<1	<0.5	<5	20	<5	
L130E-1400W		<1	6	<5	<1	<0.5	<5	10	<5	
L130E-0475W		<1	7	<5	<1	<0.5	<5	10	<5	
L130E-0450W		<1	6	<5	<1	<0.5	<5	10	<5	
L130E-0425W		<1	6	<5	<1	<0.5	<5	10	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Hg PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L131E-2+50N		3	20	<5	<1	<0.5	<5	5	<5	
L131E-2+25N		2	10	<5	<1	<0.5	<5	55	<5	
L131E-2+00N		11	30	<5	<1	<0.5	<5	20	<5	
L131E-1+75N		5	21	8	<1	<0.5	<5	20	<5	
L131E-1+50N		6	16	6	<1	<0.5	<5	20	<5	
L131E-1+25N		10	15	<5	<1	<0.5	<5	10	<5	
L131E-1+00N		5	11	7	<1	<0.5	<5	25	<5	
L131E-0+75N		2	20	<5	<1	<0.5	<5	30	<5	
L131E-0+50N		1	19	6	<1	<0.5	<5	20	<5	
L131E-0+25N		1	17	<5	<1	<0.5	<5	35	<5	
L131E-0+00		<1	5	5	<1	<0.5	<5	15	<5	
L131E-0+25S		3	19	11	<1	<0.5	<5	15	<5	
L131E-0+50S		<1	14	11	<1	<0.5	<5	10	<5	
L131E-0+75S		<1	8	12	<1	<0.5	<5	10	<5	
L131E-1+00S		2	20	<5	<1	<0.5	9	20	<5	
L131E-1+25S		11	26	7	<1	<0.5	<5	30	<5	
L131E-1+50S		60	65	<5	<1	0.6	8	90	<5	
L131E-2+25S		6	28	<5	<1	<0.5	<5	30	<5	
L131E-2+75S		6	17	<5	<1	<0.5	<5	25	<5	
L131E-3+00S		4	13	<5	<1	<0.5	<5	25	<5	
L131E-3+25S		2	13	<5	<1	<0.5	6	30	<5	
L131E-3+50S		2	26	11	<1	<0.5	<5	30	<5	
L131E-3+75S		1	17	11	<1	<0.5	<5	20	<5	
L131E-4+00S		<1	17	8	<1	<0.5	<5	20	<5	
L131E-4+25S		<1	6	<5	<1	<0.5	<5	5	<5	
L131E-4+50S		<1	14	14	<1	<0.5	9	<5	<5	
L143E-17+41N		4	26	8	<1	<0.5	11	5	<5	
L143E-17+25N		2	14	7	<1	<0.5	5	5	<5	
L143E-17+00N		4	23	<5	<1	<0.5	<5	10	<5	
L143E-16+75N		<1	12	10	<1	<0.5	10	10	<5	
L143E-16+50N		3	34	6	<1	<0.5	<5	20	<5	
L143E-16+25N		<1	14	<5	<1	<0.5	<5	10	<5	
L143E-16+00N		3	21	<5	<1	<0.5	<5	10	<5	
L143E-15+75N		3	12	<5	<1	<0.5	<5	20	<5	
L143E-15+50N		2	8	<5	<1	<0.5	<5	15	<5	
L143E-15+25N		3	11	<5	<1	<0.5	<5	20	<5	
L143E-15+00N		3	14	7	<1	<0.5	<5	20	<5	
L143E-14+75N		3	14	5	<1	<0.5	<5	25	<5	
L143E-14+50N		3	12	<5	<1	<0.5	5	30	<5	
L143E-14+25N		5	16	<5	<1	<0.5	<5	35	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L143E-14+00N		22	35	<5	1	<0.5	7	190	<5	10.00
L143E-13+75N		11	33	<5	1	<0.5	<5	155	<5	10.00
L143E-13+50N		2	11	5	<1	<0.5	6	10	<5	
L143E-13+25N		4	5	<5	<1	<0.5	7	20	<5	
L143E-13+00N		7	13	<5	<1	<0.5	<5	35	<5	
L143E-12+75N		5	11	<5	<1	<0.5	8	60	5	
L143E-12+50N		2	5	<5	<1	<0.5	<5	25	<5	
L143E-12+25N		2	5	<5	<1	<0.5	6	20	<5	
L143E-12+00N		<1	4	<5	1	<0.5	<5	5	<5	
L143E-11+75N		11	28	<5	<1	<0.5	<5	20	<5	
L143E-11+50N		4	20	5	<1	<0.5	<5	15	<5	
L143E-11+25N		<1	5	6	<1	<0.5	<5	10	<5	
L143E-11+00N		4	18	6	<1	<0.5	<5	30	<5	
L143E-10+75N		1	15	<5	<1	<0.5	<5	20	<5	
L143E-10+50N		<1	11	9	<1	<0.5	<5	10	<5	
L143E-10+25N		2	23	<5	<1	<0.5	<5	20	<5	
L143E-10+00N		1	18	<5	<1	<0.5	<5	25	<5	
L143E-9+75N		1	8	14	<1	<0.5	<5	20	<5	
L143E-9+50N		1	7	12	<1	<0.5	<5	20	<5	
L143E-9+25N		16	12	13	2	<0.5	<5	35	<5	
L144E-7+25N		146	52	<5	2	<0.5	<5	100	<5	
L144E-7+00N		145	47	<5	2	<0.5	<5	110	<5	
L144E-6+75N		186	97	8	2	<0.5	<5	85	<5	
L144E-6+50N		179	97	<5	2	<0.5	<5	100	<5	
L144E-6+25N		176	89	7	1	<0.5	<5	90	<5	
L144E-6+00N		3	7	7	<1	<0.5	<5	15	<5	
L144E-5+75N		13	35	11	1	<0.5	<5	65	<5	
L144E-5+50N		20	44	14	1	<0.5	<5	75	<5	
L144E-5+25N		24	45	11	1	<0.5	<5	65	<5	
L144E-5+00N		26	46	<5	1	<0.5	<5	60	<5	
L144E-4+75N		26	42	<5	1	<0.5	<5	65	<5	
L144E-4+50N		10	24	12	1	<0.5	<5	65	<5	
L144E-4+25N		17	21	<5	1	<0.5	<5	25	<5	
L144E-4+00N		12	23	12	1	<0.5	<5	40	<5	
L144E-3+75N		7	19	<5	1	<0.5	<5	30	<5	
L144E-3+50N		1	6	7	<1	<0.5	7	10	<5	
L144E-3+25N		17	32	<5	1	<0.5	6	55	<5	
L144E-3+00N		8	16	<5	1	<0.5	<5	65	<5	
L144E-2+75N		8	12	<5	<1	<0.5	<5	35	<5	
L144E-2+50N		2	12	<5	<1	<0.5	<5	25	<5	





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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L144E-2+25N		6	20	<5	1	<0.5	<5	25	<5	
L144E-2+00N		6	24	<5	<1	<0.5	<5	25	<5	
L144E-1+75N		1	9	<5	<1	<0.5	<5	10	<5	
L144E-1+50N		3	21	<5	<1	<0.5	<5	35	<5	
L144E-1+25N		1	14	<5	<1	<0.5	<5	30	<5	
L144E-1+00N		2	17	<5	<1	<0.5	<5	20	<5	
L144E-0+75N		5	19	<5	<1	<0.5	<5	30	<5	
L145E-6+75N		9	24	<5	<1	<0.5	<5	60	<5	
L145E-6+50N		19	29	<5	<1	<0.5	<5	60	<5	
L145E-6+25N		24	26	<5	<1	<0.5	<5	55	<5	
L145E-6+00N		17	19	<5	<1	<0.5	<5	65	<5	
L145E-5+75N		18	20	<5	<1	<0.5	<5	40	<5	
L145E-5+50N		10	11	<5	<1	<0.5	<5	45	<5	
L145E-5+25N		3	7	<5	<1	<0.5	<5	20	<5	
L145E-5+00N		10	18	<5	<1	<0.5	<5	40	<5	
L145E-4+75N		53	13	<5	<1	<0.5	<5	30	5	
L145E-4+50N		14	24	<5	<1	<0.5	<5	30	5	
L145E-4+25N		11	16	6	<1	<0.5	<5	25	<5	
L145E-4+00N		32	22	<5	<1	<0.5	<5	65	<5	
L145E-3+75N		7	24	6	<1	<0.5	<5	35	<5	
L145E-3+50N		9	19	<5	<1	<0.5	<5	20	<5	
L145E-3+25N		8	15	<5	<1	<0.5	<5	20	<5	
L145E-2+75N		7	25	<5	<1	<0.5	<5	35	<5	
L145E-2+50N		2	15	<5	<1	<0.5	<5	20	<5	
L145E-2+25N		6	34	<5	<1	<0.5	<5	30	<5	
L145E-2+00N		3	17	<5	<1	<0.5	<5	15	<5	
L145E-1+75N		14	48	<5	<1	<0.5	<5	30	<5	

Bondar-Clegg & Company Ltd.  
 5420 Canotek Rd.,  
 Ottawa, Ontario,  
 Canada K1H 8S5  
 Phone: (613) 9-2220  
 Telex: 053-003



**BONDAR-CLEGG**

**Geochemical  
 Lab Report**

REPORT: 088-00123.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: DOLPHIN EXPLS. LTD.

SUBMITTED BY: S. SEARS

PROJECT: 87-200

DATE PRINTED: 10-FEB-88

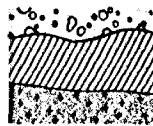
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	382	1 PPM	HCl-HNO3, (1:3)	DC Plasma
2	Zn Zinc	382	1 PPM	HCl-HNO3, (1:3)	DC Plasma
3	As Arsenic	382	5 PPM	HCl-HNO3, (1:3)	DC Plasma
4	Mo Molybdenum	382	1 PPM	HCl-HNO3, (1:3)	DC Plasma
5	Ag Silver	382	0.5 PPM	HCl-HNO3, (1:3)	DC Plasma
6	Sb Antimony	382	5 PPM	HCl-HNO3, (1:3)	DC Plasma
7	Hg Mercury	379	5 PPB	HNO3-H2SO4-HCL-KMNO4	Cold Vapour AA
8	Au Gold	382	5 PPB	AUUA REGIA	FA-AA @ 30 gm weight
9	Testwt Fire Assay test wt.	66	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOIL	382	-80	382	Dry,Sieve -80	382

REMARKS: HUMUS SAMPLES WERE PREPARED AND ANALYZED SEPARATELY ON 088-00124.0.  
 SAMPLES LOST IN TRANSIT: L42E 13+00N, L44E 10+75N  
 L55E 16+50N, L55E 16+25N, L55E 12+25N, L55E 9+50N  
 L172E 4+25N, L172E 4+00N, L173E 7+00N, L174E 6+00N  
 SAMPLES L66E 15+00N AND L67E 13+00N WERE REC'D IN DUPLICATE AND GIVEN A+D DESIGNATIONS BY BCC.  
 < MEANS LESS THAN.

REPORT COPIES TO: C/O MASCOT GOLD MINES  
 SEARS, BARRY & ASSOC.

INVOICE TO: C/O MASCOT GOLD MINES

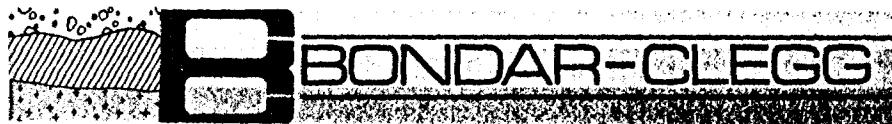


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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L39E 4+75N		<1	6	11	<1	<0.5	<5	10	<5	
L39E 4+50N		3	18	<5	<1	<0.5	<5	25	<5	
L39E 4+25N		8	26	<5	<1	<0.5	<5	25	<5	
L39E 4+00N		2	7	<5	<1	<0.5	<5	25	<5	25.00
L39E 3+75N		1	6	8	<1	<0.5	<5	20	<5	
L39E 3+50N		3	10	<5	<1	<0.5	<5	15	<5	
L39E 3+25N		20	41	<5	<1	<0.5	<5	55	<5	
L39E 3+00N		11	32	5	<1	<0.5	<5	65	<5	
L39E 2+75N		2	6	7	<1	<0.5	<5	20	<5	
L39E 2+50N		1	7	<5	<1	<0.5	<5	15	<5	
L39E 2+25N		11	26	<5	2	<0.5	<5	55	<5	
L39E 2+00N		23	23	<5	<1	<0.5	<5	55	<5	
L39E 1+75N		4	13	<5	<1	<0.5	<5	25	<5	
L39E 1+50N		1	8	<5	<1	<0.5	<5	5	<5	
L39E 1+25N		8	12	<5	<1	<0.5	<5	30	<5	
L39E 1+00N		4	9	<5	<1	<0.5	<5	30	<5	
L39E 0+75N		4	6	6	<1	<0.5	<5	25	<5	
L39E 0+50N		6	11	<5	<1	<0.5	<5	25	<5	
L39E 0+25N		3	8	<5	<1	<0.5	<5	25	<5	
L39E 0+00		<1	6	<5	<1	<0.5	<5	20	<5	
L42E 16+85N		<1	9	<5	<1	<0.5	<5	20	<5	
L42E 16+75N		2	13	5	<1	<0.5	<5	25	<5	
L42E 16+50N		6	40	<5	<1	<0.5	<5	30	80	
L42E 16+25N		2	21	<5	<1	<0.5	<5	15	10	
L42E 16+00N		<1	13	<5	<1	<0.5	<5	15	<5	
L42E 15+75N		3	30	<5	<1	<0.5	<5	30	<5	
L42E 15+50N		1	12	<5	<1	<0.5	<5	15	<5	
L42E 15+25N		3	18	<5	<1	<0.5	<5	25	<5	
L42E 15+00N		5	30	<5	<1	<0.5	<5	25	<5	
L42E 14+00N		6	29	<5	<1	<0.5	<5	15	<5	
L42E 13+75N		7	29	<5	<1	<0.5	<5	20	<5	
L42E 13+50N		4	21	<5	<1	<0.5	<5	10	<5	
L42E 13+25N		11	27	<5	<1	<0.5	<5	25	<5	
L42E 12+75N		4	22	<5	<1	<0.5	<5	20	<5	
L42E 12+50N		3	23	<5	<1	<0.5	<5	20	<5	
L42E 12+25N		3	28	11	<1	<0.5	<5	15	<5	
L42E 12+00N		1	7	<5	<1	<0.5	<5	5	<5	
L42E 11+75N		3	33	7	<1	<0.5	<5	20	<5	
L42E 11+50N		2	27	22	<1	<0.5	<5	25	<5	18.00
L42E 11+25N		<1	11	6	<1	<0.5	<5	5	<5	

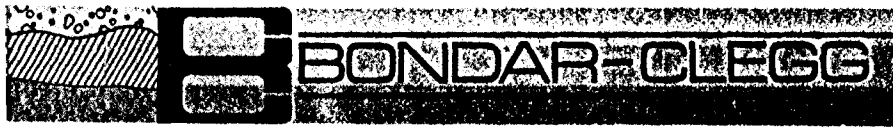


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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L42E 11+00N		<1	10	8	<1	<0.5	<5	5	<5	
L42E 10+75N		3	29	<5	<1	<0.5	<5	15	<5	
L42E 10+50N		3	27	12	<1	<0.5	<5	20	5	
L42E 10+25N		2	18	<5	<1	<0.5	<5	30	<5	
L42E 10+00N		<1	15	<5	<1	<0.5	<5	20	<5	
L42E 9+75N		2	9	<5	<1	<0.5	<5	20	<5	
L42E 9+50N		2	11	<5	<1	<0.5	<5	25	<5	
L42E 9+25N		3	12	<5	<1	<0.5	<5	25	<5	
L44E 19+15N		19	58	<5	1	<0.5	<5	195	<5	10.00
L44E 19+00N		14	73	<5	<1	<0.5	<5	85	<5	20.00
L44E 18+75N		12	54	<5	<1	<0.5	<5	40	<5	
L44E 18+50N		14	61	<5	<1	<0.5	<5	50	<5	
L44E 18+25N		5	38	<5	<1	<0.5	<5	20	<5	
L44E 18+00N		5	40	<5	<1	<0.5	<5	30	<5	
L44E 17+75N		17	67	<5	<1	<0.5	<5	85	<5	
L44E 17+50N		5	28	<5	<1	<0.5	<5	25	<5	
L44E 17+25N		2	16	<5	<1	<0.5	<5	30	<5	
L44E 17+00N		4	19	<5	<1	<0.5	<5	40	<5	
L44E 16+75N		5	47	<5	<1	<0.5	<5	40	<5	
L44E 16+50N		4	12	<5	<1	<0.5	<5	25	<5	
L44E 16+25N		6	30	<5	<1	<0.5	<5	55	<5	
L44E 16+00N		16	54	<5	<1	<0.5	<5	95	<5	10.00
L44E 15+75N		4	16	<5	<1	<0.5	<5	25	<5	
L44E 15+50N		15	49	<5	1	<0.5	<5	125	<5	10.00
L44E 15+25N		6	10	<5	<1	<0.5	<5	25	<5	
L44E 15+00N		3	12	<5	<1	<0.5	<5	30	<5	
L44E 14+75N		4	27	<5	<1	<0.5	<5	25	<5	
L44E 14+50N		18	74	<5	<1	<0.5	6	65	<5	20.00
L44E 14+25N		14	48	<5	<1	<0.5	<5	60	<5	20.00
L44E 14+00N		25	49	<5	2	<0.5	<5	195	40	5.00
L44E 13+75N		129	59	<5	1	<0.5	<5	200	<5	10.00
L44E 13+50N		328	44	<5	2	<0.5	<5	260	<5	10.00
L44E 13+25N		4	11	8	<1	<0.5	<5	25	<5	
L44E 13+00N		2	13	<5	<1	<0.5	<5	20	<5	
L44E 12+75N		10	34	<5	<1	<0.5	<5	45	<5	
L44E 12+50N		6	24	<5	<1	<0.5	<5	25	<5	
L44E 12+25N		7	21	<5	<1	<0.5	<5	40	<5	
L44E 12+00N		10	30	<5	<1	<0.5	<5	65	<5	
L44E 11+75N		1	5	<5	<1	<0.5	<5	20	<5	
L44E 11+50N		3	35	<5	<1	<0.5	<5	75	<5	

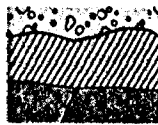


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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L44E 11+25N		4	17	<5	<1	<0.5	<5	60	<5	
L44E 11+00N		1	22	<5	<1	<0.5	<5	65	<5	
L44E 10+50N		2	20	<5	<1	<0.5	<5	40	<5	
L44E 10+25N		43	58	<5	<1	<0.5	<5	20	<5	
L44E 10+00N		3	7	<5	<1	<0.5	<5	20	<5	
L44E 9+75N		10	22	14	<1	<0.5	<5	25	<5	
L44E 9+50N		4	28	17	<1	<0.5	<5	25	<5	10.00
L44E 9+25N		4	18	15	<1	<0.5	<5	20	<5	
L44E 9+00N		2	12	10	<1	<0.5	<5	20	<5	
L47E 15+00N		3	17	14	<1	<0.5	<5	20	<5	
L47E 14+75N		3	25	12	<1	<0.5	<5	20	<5	
L47E 14+50N		<1	9	<5	<1	<0.5	<5	10	<5	
L47E 14+25N		2	22	11	<1	<0.5	7	30	<5	
L47E 14+00N		3	22	11	<1	<0.5	<5	20	<5	
L47E 13+75N		3	38	<5	<1	<0.5	<5	60	<5	
L47E 13+50N		4	24	<5	<1	<0.5	<5	25	<5	
L47E 13+25N		10	36	<5	1	<0.5	<5	35	<5	
L47E 13+00N		11	14	<5	<1	<0.5	<5	30	<5	
L47E 12+75N		14	33	<5	<1	<0.5	<5	25	<5	
L47E 12+50N		11	23	<5	<1	<0.5	<5	35	10	
L50E 16+70N		5	25	<5	<1	<0.5	<5	20	<5	
L55E 17+25N		7	34	<5	<1	<0.5	<5	25	<5	
L55E 17+00N		3	13	<5	<1	<0.5	8	25	<5	
L55E 16+75N		2	6	<5	<1	<0.5	<5	15	<5	
L55E 16+00N		3	18	<5	<1	<0.5	<5	30	<5	18.00
L55E 15+75N		4	24	<5	<1	<0.5	<5	45	<5	
L55E 15+50N		8	7	<5	<1	<0.5	<5	35	<5	
L55E 15+25N		8	8	<5	<1	<0.5	<5	25	<5	
L55E 15+00N		1	4	<5	<1	<0.5	<5	25	<5	
L55E 14+75N		1	3	<5	<1	<0.5	<5	10	<5	
L55E 14+50N		5	11	<5	<1	<0.5	<5	70	<5	
L55E 14+25N		9	20	<5	1	<0.5	<5	90	<5	
L55E 14+00N		11	21	<5	1	<0.5	<5	130	<5	
L55E 13+75N		6	26	<5	1	<0.5	7	125	<5	
L55E 13+50N		11	28	<5	3	<0.5	<5	55	<5	
L55E 13+25N		12	25	<5	4	<0.5	<5	40	<5	
L55E 13+00N		8	19	<5	1	<0.5	<5	55	<5	
L55E 12+75N		5	22	<5	<1	<0.5	6	40	<10	8.00
L55E 12+50N		14	16	<5	3	<0.5	6	45	<5	
L55E 12+00N		17	40	<5	1	<0.5	<5	25	<5	



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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L55E 11+75N		15	29	<5	<1	<0.5	<5	25	<5	
L55E 11+50N		8	17	<5	<1	<0.5	<5	50	<5	
L55E 11+25N		19	28	<5	<1	0.5	<5	45	<5	
L55E 11+00N		4	23	<5	<1	<0.5	<5	30	<5	
L55E 10+75N		<1	4	5	<1	<0.5	<5	15	<5	
L55E 10+50N		19	27	<5	1	<0.5	<5	140	<5	10.00
L55E 10+00N		5	8	<5	<1	<0.5	<5	25	<5	
L55E 9+75N		5	11	<5	<1	<0.5	<5	20	<5	
L55E 9+25N		3	10	<5	<1	<0.5	<5	15	<5	
L55E 9+00N		5	11	<5	<1	<0.5	<5	20	<5	
L55E 8+50N		10	25	<5	<1	<0.5	<5	30	<5	
L55E 8+25N		7	12	<5	<1	<0.5	6	20	<5	
L56E 16+50N		7	28	<5	<1	<0.5	<5	20	<5	
L56E 16+25N		7	25	<5	<1	<0.5	<5	10	<5	
L56E 16+00N		7	29	<5	<1	<0.5	<5	10	<5	
L56E 15+75N		1	8	<5	<1	<0.5	<5	15	<5	
L56E 15+50N		5	21	<5	<1	<0.5	<5	30	<5	
L56E 15+25N		6	23	<5	<1	<0.5	<5	25	<5	
L56E 15+00N		3	16	<5	2	<0.5	<5	35	<5	
L56E 14+75N		2	7	<5	<1	<0.5	<5	10	<5	
L56E 14+50N		6	20	<5	<1	<0.5	<5	15	<5	
L56E 14+25N		7	18	<5	<1	<0.5	<5	55	<5	
L56E 14+00N		2	7	<5	<1	<0.5	<5	30	<5	
L56E 13+75N		2	11	<5	<1	<0.5	<5	50	<5	
L56E 13+50N		2	15	<5	<1	<0.5	<5	60	<5	
L56E 13+25N		1	8	<5	<1	<0.5	<5	20	<5	
L56E 13+00N		<1	7	<5	<1	<0.5	<5	25	<5	
L56E 12+75N		3	14	<5	<1	<0.5	<5	30	<5	
L56E 12+25N		1	19	<5	<1	<0.5	<5	15	<5	
L56E 12+00N		4	28	8	<1	<0.5	<5	40	<5	
L56E 11+75N		4	21	<5	<1	<0.5	<5	40	<5	
L56E 11+50N		3	26	<5	<1	<0.5	<5	30	<5	
L56E 10+75N		1	9	5	<1	<0.5	<5	30	<5	
L56E 10+50N		<1	6	10	<1	<0.5	<5	25	<5	
L56E 10+25N		2	14	7	<1	<0.5	6	25	<5	
L56E 10+00N		2	12	11	<1	<0.5	<5	25	<5	
L56E 9+75N		11	23	<5	1	<0.5	<5	45	<5	
L56E 9+50N		9	26	10	1	<0.5	8	30	<5	
L56E 9+25N		8	23	<5	1	<0.5	<5	25	<5	
L66E 20+00N		4	11	9	<1	<0.5	7	25	<5	





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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L66E 19+75N		13	14	<5	<1	<0.5	<5	30	<5	
L66E 19+50N		12	47	11	<1	<0.5	<5	85	<5	10.00
L66E 19+25N		3	17	<5	<1	<0.5	<5	25	<5	
L66E 19+00N		3	16	<5	<1	<0.5	<5	35	<5	
L66E 18+75N		5	28	<5	<1	<0.5	<5	20	<5	
L66E 18+50N		7	29	<5	<1	<0.5	<5	25	<5	
L66E 18+25N		5	27	<5	<1	<0.5	<5	45	<5	
L66E 17+75N		<1	6	6	<1	<0.5	<5	15	<5	
L66E 17+50N		9	35	<5	1	<0.5	<5	65	<5	
L66E 17+25N		12	51	<5	<1	<0.5	<5	45	<5	
L66E 17+00N		7	22	<5	<1	<0.5	<5	30	<5	
L66E 16+75N		3	14	<5	<1	<0.5	<5	25	<5	
L66E 16+50N		3	16	<5	<1	<0.5	6	30	<5	
L66E 16+25N		6	29	<5	<1	<0.5	<5	55	<5	
L66E 16+00N		3	10	<5	<1	<0.5	<5	25	<5	
L66E 15+75N		4	27	<5	<1	<0.5	<5	25	<5	
L66E 15+50N		2	15	<5	<1	<0.5	<5	20	<5	
L66E 15+25N		54	83	<5	<1	<0.5	<5	15	<5	
L66E 15+00N(A)		14	26	<5	<1	<0.5	<5	<5	<5	
L66E 15+00N(B)		2	9	<5	<1	<0.5	<5	25	<5	
L66E 14+75N		5	29	<5	<1	<0.5	<5	55	<5	
L66E 14+50N		22	39	<5	<1	<0.5	<5	25	<5	
L66E 14+25N		3	19	<5	<1	<0.5	<5	25	<5	
L66E 14+00N		3	16	<5	<1	<0.5	<5	25	<5	
L66E 13+75N		4	12	<5	<1	<0.5	<5	65	<5	
L66E 13+50N		3	12	<5	<1	<0.5	<5	55	<5	
L66E 13+25N		5	16	<5	<1	<0.5	<5	50	<5	
L66E 13+00N		2	11	<5	<1	<0.5	<5	15	<5	
L66E 12+75N		4	9	<5	<1	<0.5	<5	15	<5	
L66E 12+50N		80	87	<5	<1	<0.5	<5	175	45	10.00
L66E 12+00N		9	15	<5	<1	<0.5	<5	30	<5	
L66E 11+75N		6	13	<5	<1	<0.5	<5	25	<5	
L66E 11+50N		16	53	<5	<1	<0.5	<5	30	<5	
L66E 11+25N		3	22	<5	<1	<0.5	<5	15	<5	
L66E 11+00N		5	38	<5	<1	<0.5	<5	30	<5	
L66E 10+75N		3	21	<5	<1	<0.5	<5	25	<5	
L66E 10+50N		156	79	<5	<1	0.7	8	140	<5	10.00
L66E 10+25N		2	20	<5	<1	<0.5	<5	30	<5	
L66E 10+00N		1	9	<5	<1	<0.5	7	20	<5	
L66E 9+75N		<1	5	<5	<1	<0.5	10	15	<5	

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SAMPLE NUMBER	ELEMENT/ UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L66E 9+50N		3	30	7	<1	<0.5	11	35	<5	
L66E 9+25N		3	23	<5	<1	<0.5	<5	15	<5	
L66E 9+00N		5	28	<5	<1	<0.5	6	55	<5	
L66E 8+75N		1	9	<5	<1	<0.5	7	20	<5	
L66E 8+50N		2	12	<5	<1	<0.5	<5	30	<5	
L66E 8+25N		<1	17	<5	<1	<0.5	<5	20	<5	
L66E 8+00N		2	29	6	<1	<0.5	<5	55	<5	
L66E 7+75N		5	32	<5	<1	<0.5	<5	40	<5	
L66E 7+50N		8	54	<5	<1	<0.5	<5	55	<5	
L66E 7+25N		36	127	<5	<1	<0.5	<5	75	<5	
L66E 7+00N		9	43	<5	<1	<0.5	<5	25	<5	
L66E 6+75N		1	13	<5	<1	<0.5	<5	20	<5	
L66E 6+50N		3	23	<5	<1	<0.5	<5	20	<5	
L66E 6+25N		7	24	7	<1	<0.5	<5	40	<5	
L66E 6+00N		6	27	5	<1	<0.5	<5	35	<5	
L66E 5+75N		5	24	11	<1	<0.5	<5	25	<5	
L66E 5+50N		14	65	6	<1	<0.5	<5	75	<5	
L67E 20+00N		10	33	6	<1	<0.5	<5	45	<5	
L67E 19+75N		2	11	9	<1	<0.5	<5	20	<5	
L67E 19+50N		7	34	9	<1	<0.5	<5	30	<5	
L67E 19+25N		7	21	11	<1	1.0	<5	25	<5	
L67E 19+00N		10	38	<5	<1	<0.5	<5	40	<5	
L67E 18+75N		5	15	<5	<1	<0.5	<5	50	<5	
L67E 18+50N		7	18	<5	<1	<0.5	<5	25	<5	20.00
L67E 18+25N		2	12	<5	<1	<0.5	<5	20	<5	
L67E 18+00N		8	35	<5	<1	<0.5	<5	15	<5	
L67E 14+75N		5	79	<5	<1	<0.5	<5	40	<5	
L67E 14+50N		16	49	<5	<1	<0.5	<5	30	<5	
L67E 13+25N		24	42	<5	<1	<0.5	<5	30	<5	
L67E 13+00N(A)		10	50	<5	<1	<0.5	<5	50	<5	20.00
L67E 13+00N(B)		23	21	<5	<1	<0.5	<5	30	<5	
L67E 12+75N		84	40	<5	<1	<0.5	<5	150	<5	10.00
L67E 12+50N		3	21	<5	<1	<0.5	<5	25	<5	
L67E 11+75N		21	33	<5	<1	<0.5	6	25	<5	
L67E 11+50N		2	6	<5	<1	<0.5	<5	20	<5	
L67E 11+25N		3	16	<5	<1	<0.5	<5	20	<5	20.00
L67E 11+00N		1	9	<5	<1	<0.5	<5	15	<5	
L67E 10+75N		3	8	<5	<1	<0.5	<5	20	<5	
L67E 10+50N		9	21	<5	<1	<0.5	<5	30	10	10.00
L67E 10+25N		4	18	<5	<1	<0.5	<5	15	<5	



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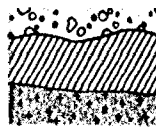
SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gas
L67E 10+00N		2	19	<5	<1	<0.5	<5	20	<5	20.00
L67E 9+75N		2	25	<5	<1	<0.5	<5	20	<5	
L67E 9+50N		2	13	7	<1	<0.5	<5	15	<5	
L67E 9+25N		2	31	12	<1	<0.5	<5	25	<5	
L67E 8+75N		<1	12	<5	<1	<0.5	<5	20	<5	
L67E 8+50N		10	56	<5	<1	<0.5	<5	30	<5	20.00
L67E 8+25N		2	14	9	<1	<0.5	<5	25	<5	
L67E 8+00N		10	17	<5	<1	<0.5	<5	30	<5	20.00
L67E 7+75N		4	18	<5	<1	<0.5	<5	30	<5	
L67E 7+50N		5	14	<5	<1	<0.5	<5	40	10	
L67E 7+25N		26	31	<5	<1	<0.5	<5	65	<5	10.00
L67E 7+00N		19	50	7	1	<0.5	<5	110	<5	20.00
L67E 6+75N		2	13	6	<1	<0.5	<5	25	<5	
L67E 6+50N		3	18	13	<1	<0.5	<5	50	<5	20.00
L67E 6+25N		7	20	<5	1	<0.5	<5	70	<5	
L67E 6+00N		7	16	<5	<1	<0.5	<5	55	<5	
L68E 13+95N		6	14	<5	<1	0.6	<5	25	<5	20.00
L68E 13+75N		16	31	<5	<1	<0.5	<5	15	<5	
L68E 13+50N		2	8	<5	<1	<0.5	<5	20	<5	
L68E 13+25N		8	17	<5	<1	<0.5	<5	20	<5	
L68E 13+00N		23	38	<5	1	<0.5	<5	85	<5	
L68E 12+75N		2	4	<5	<1	<0.5	<5	15	<5	
L68E 12+50N		2	7	<5	<1	<0.5	<5	10	<5	
L68E 12+00N		40	32	<5	<1	<0.5	<5	155	<5	10.00
L68E 11+75N		8	7	<5	<1	<0.5	<5	25	<5	
L68E 11+50N		8	10	<5	<1	<0.5	<5	25	<5	
L68E 11+25N		11	11	<5	<1	<0.5	<5	55	<5	16.00
L68E 11+00N		3	10	<5	<1	<0.5	<5	30	<5	
L68E 10+75N		7	27	<5	<1	<0.5	<5	85	<5	
L68E 10+50N		9	27	<5	1	<0.5	<5	105	<5	22.00
L68E 10+25N		3	7	<5	<1	<0.5	<5	30	<5	
L68E 10+00N		4	13	<5	<1	<0.5	<5	30	<5	
L68E 9+75N		<1	7	<5	<1	<0.5	<5	10	<5	
L68E 9+50N		10	27	10	1	0.5	<5	55	<5	
L68E 9+25N		11	28	<5	1	<0.5	<5	65	<5	
L68E 9+00N		6	23	<5	1	<0.5	<5	75	<5	26.00
L68E 8+75N		4	11	<5	<1	<0.5	<5	45	<5	
L68E 8+50N		4	10	10	<1	<0.5	6	45	<5	27.00
L68E 8+25N		1	5	8	<1	<0.5	<5	10	<5	28.00
L68E 8+00N		14	19	7	<1	<0.5	<5	30	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L68E 7+75N		25	23	<5	1	<0.5	<5	55	<5	
L68E 7+50N		14	9	11	<1	<0.5	7	55	<5	28.00
L68E 7+25N		14	11	12	<1	<0.5	6	50	<5	23.00
L68E 7+00N		25	32	10	1	<0.5	<5	80	<5	16.00
L68E 6+75N		3	7	<5	<1	<0.5	<5	15	<5	
L68E 6+50N		10	13	<5	<1	<0.5	11	20	<5	
L68E 6+25N		3	8	8	<1	<0.5	<5	10	<5	
L71E 7+00N		1	4	<5	<1	<0.5	<5	10	<5	
L71E 6+75N		2	25	<5	<1	<0.5	<5	20	<5	
L71E 6+50N		2	14	<5	<1	<0.5	<5	40	<5	
L71E 6+25N		2	16	<5	1	<0.5	5	30	<5	26.00
L71E 6+00N		4	33	<5	1	<0.5	<5	50	<5	
L71E 5+75N		4	20	<5	<1	<0.5	<5	20	<5	
L71E 5+50N		<1	4	<5	<1	<0.5	<5	15	<5	25.00
L71E 5+25N		4	25	<5	<1	<0.5	<5	10	<5	
L71E 5+00N		3	23	<5	<1	<0.5	<5	15	<5	
L71E 4+75N		2	9	<5	<1	<0.5	<5	20	<5	
L71E 4+50N		1	13	<5	<1	<0.5	<5	25	<5	
L71E 4+25N		3	17	<5	<1	<0.5	<5	20	<5	
L71E 4+00N		4	18	7	<1	<0.5	<5	25	<5	
L71E 3+75N		<1	9	<5	<1	<0.5	<5	20	<5	
L71E 3+50N		4	35	<5	<1	<0.5	<5	10	<5	27.00
L71E 3+25N		4	26	12	<1	<0.5	7	10	<5	
L71E 3+00N		<1	12	15	<1	<0.5	<5	15	<5	
L71E 2+75N		7	24	5	<1	<0.5	<5	25	<5	
L172E 2+44N		5	23	7	<1	<0.5	<5	10	<5	
L172E 8+25N		4	20	<5	<1	<0.5	<5	35	<5	
L172E 8+00N		4	27	<5	<1	<0.5	<5	35	<5	
L172E 7+75N		1	15	<5	<1	<0.5	<5	15	<5	
L172E 7+50N		2	18	<5	<1	<0.5	<5	20	<5	
L172E 7+25N		11	33	<5	<1	<0.5	<5	20	<5	
L172E 7+00N		11	48	<5	<1	<0.5	<5	25	<5	
L172E 6+75N		14	33	<5	<1	<0.5	<5	20	<5	
L172E 6+50N		2	11	<5	<1	<0.5	<5	10	<5	
L172E 6+25N		3	15	<5	<1	<0.5	<5	20	<5	
L172E 6+00N		2	10	13	<1	<0.5	<5	15	<5	20.00
L172E 5+75N		1	13	6	<1	<0.5	<5	15	<5	
L172E 5+25N		2	9	15	<1	<0.5	8	25	<5	
L172E 4+75N		<1	15	12	<1	<0.5	<5	35	<5	
L172E 3+75N		1	7	<5	<1	<0.5	<5	30	<5	

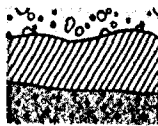


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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	Testwt gms
L172E 3+50N		2	20	15	<1	<0.5	<5	30	<5	
L172E 3+25N		2	16	<5	<1	<0.5	<5	15	<5	
L172E 3+00N		7	44	<5	<1	<0.5	<5	15	<5	
L172E 2+75N		2	27	<5	<1	<0.5	<5	25	<5	
L172E 2+50N		6	14	<5	<1	<0.5	11	50	<5	
L172E 2+25N		2	7	<5	<1	<0.5	6	25	<5	
L172E 2+00N		6	20	<5	<1	<0.5	<5	30	310	
L173E 9+00N		32	24	<5	2	<0.5	9	215	5	10.00
L173E 8+75N		10	29	<5	<1	<0.5	<5	30	<5	
L173E 8+50N		11	32	7	<1	<0.5	<5	25	<5	
L173E 8+25N		4	17	<5	<1	<0.5	<5	30	<5	
L173E 8+00N		5	14	<5	<1	<0.5	<5	35	30	
L173E 7+75N		6	15	9	<1	<0.5	8	30	<5	
L173E 7+50N		8	24	8	<1	<0.5	<5	25	<5	
L173E 7+25N		23	146	<5	<1	<0.5	<5	50	<5	
L173E 6+75N		7	27	17	<1	<0.5	<5	45	<5	
L173E 6+50N		5	44	7	1	<0.5	8	30	<5	
L173E 6+25N		4	23	8	<1	<0.5	<5	55	<5	
L173E 6+00N		8	29	<5	<1	<0.5	<5	85	<5	
L173E 5+75N		5	29	<5	<1	<0.5	<5	60	<5	
L173E 5+50N		<1	12	<5	<1	<0.5	7	15	<5	
L174E 9+00N		18	49	<5	1	<0.5	<5	170	<5	10.00
L174E 8+75N		10	19	<5	<1	<0.5	<5	50	<5	
L174E 8+50N		2	13	<5	<1	<0.5	<5	15	<5	
L174E 8+25N		<1	15	<5	<1	<0.5	<5	20	<5	
L174E 8+00N		1	2	<5	1	<0.5	<5	25	<5	
L174E 7+75N		19	12	<5	<1	<0.5	<5	25	<5	
L174E 7+50N		52	54	<5	<1	<0.5	<5	25	<5	
L174E 7+25N		17	23	<5	<1	<0.5	<5	30	<5	
L174E 7+00N		<1	3	<5	<1	<0.5	<5	10	<5	
L174E 6+75N		9	42	<5	1	<0.5	<5	105	<5	
L174E 6+50N		10	20	<5	<1	<0.5	<5	50	<5	
L174E 5+75N		7	13	<5	<1	<0.5	<5	110	<5	
L174E 5+50N		1	7	<5	<1	<0.5	<5	15	<5	13.00
L174E 5+25N		2	10	<5	<1	<0.5	<5	30	<5	21.00
L174E 5+00N		3	23	<5	<1	<0.5	<5	25	<5	21.00
L174E 4+75N		2	17	<5	<1	<0.5	<5	15	<5	7.00
L174E 4+50N		8	53	<5	1	<0.5	<5	30	<10	3.00
L175E 12+12N		3	10	<5	<1	<0.5	<5	20	<20	23.00
L175E 12+00N		4	15	<5	<1	<0.5	<5	25	<5	



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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Mo PPM	Ag PPM	Sb PPM	Hg PPB	Au PPB	testwt gms
L175E 11+75N		13	20	<5	<1	<0.5	<5	50	<20	3.00
L175E 11+25N		4	14	<5	<1	<0.5	<5	30	<5	27.00
L175E 11+00N		2	9	<5	<1	<0.5	<5	25	<5	17.00
L175E 10+75N		1	18	<5	<1	<0.5	5	30	<5	17.00
L175E 10+50N		2	17	<5	<1	<0.5	7	25	<5	22.00
L175E 10+25N		1	18	11	<1	<0.5	<5	15	<5	20.00
L175E 10+00N		4	37	<5	<1	<0.5	<5	30	<5	22.00
L175E 9+75N		<1	7	<5	<1	<0.5	<5	15	<5	22.00
L175E 9+50N		<1	7	<5	<1	<0.5	<5	10	<5	23.00
L175E 9+25N		2	22	<5	<1	<0.5	<5	30	<5	26.00
L175E 9+00N		14	32	<5	1	<0.5	<5	120	<5	19.00
L175E 8+75N		<1	7	<5	<1	<0.5	<5	15	<5	22.00
L175E 8+50N		1	12	<5	<1	<0.5	<5	15	<5	26.00
L175E 8+25N		1	14	<5	<1	<0.5	<5	10	<5	26.00
L175E 7+75N		9	44	6	<1	<0.5	<5	60	<5	21.00
L175E 7+50N		5	9	<5	<1	<0.5	<5	30	<5	
L175E 7+25N		6	15	18	<1	<0.5	<5	25	<5	
L175E 7+00N		5	20	<5	<1	<0.5	<5	65	<5	
L175E 6+75N		18	28	5	<1	<0.5	<5	15	<5	
L175E 6+50N		5	14	<5	<1	<0.5	<5	55	<5	
L175E 6+30N		13	24	5	<1	<0.5	<5	165	<5	
L175E 6+00N		4	24	<5	<1	<0.5	<5	30	<5	



Type of Survey(s) **2**  
**EXPENDITURES (ASSAYING)**

Claim Holder(s)  
**DOLPHIN EXPLORATIONS LTD**

Address  
**Suite 1440 - 800 West Pender St., Vancouver, B.C., V6C 2V6**

Survey Company  
**Sears Barry & Associates Inc**

Name and Address of (of Geo-Technical report)  
**Joan Marie Barry, Box 2058, Uawa, Ontario POS 1K0**

Date of Survey (from & to)  
**01 01 87 02 03 87**

Total Miles of line Cut  
**29.72 Miles**



42C13SW0105 2.11075 WABIKOBA LAKE

900

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	- Electromagnetic	
	- Magnetometer	
	- Radiometric	

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MAR 15 1988  
MINING LANDS SECTION

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
TB	924447	7	TB	970784	7
	924448	7		970785	7
	924771	7		970786	30
	924772	7		970787	
	924773	7		970788	30
	924774	7		970789	30
	924775	30		974827	40
	924776	7		974828	40
	924777	30		974829	40
	924778	7		974830	40
	924779	7		974831	40
	924780	7		974832	40
	970763	7		974833	40
	970764	7		974834	40
	970765	7		974835	40
	970766	7		974836	40
	970767	7		974837	40
	970768	7		974838	40
	970769	30		974839	40
	970770	7		974840	40
	970771	7		974841	40
	970772	7		974842	40
	970773	7			

CONT NEXT PAGE

Expenditures (excludes power stripping)

Type of Work Performed  
**ASSAYING (Suite)**

Performed on Claim(s)  
**924447-48; 924771-780 incl; 970763-773 incl;**  
**970784-789 incl; & 974826-829 incl.**

Calculation of Expenditure Days Credits

Total Expenditures	Total Days Credits
<b>\$ 23,147.20</b>	<b>1543</b>

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report **OVER**

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Record
<b>1524</b>	<b>March 7, 1988</b>	<b>Barbara J. Allan</b>
Date Approved & Recorded	Branch Director	
	<b>See Attached</b>	

Date **Feb 29/88** Recorded Holder or Agent (Signature) **Seamon Sean**

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying  
**Seamon Sean, P.O. Box 2058, Uawa, Ontario**  
**POS 1K0**

Date Certified **March 2 / 88** Certified by (Signature) **Seamon Sean**



Pg. 2

Instructions: - Please type or print.  
- If number of mining claims traversed exceeds space on this form, attach a list.  
Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.  
- Do not use shaded areas below.

Mining Act

Type of Survey(s) <b>EXPENDITURES (ASSAYING)</b>	Township or Area <b>Wabikoba Lake Area</b>
Claim Holder(s) <b>Dolphin EXPLORATIONS LTD</b>	Prospector's Licence No. <b>T 1484</b>
Address <b>Suite 1440 - 400 West Pender St. Vancouver BC V6C 2V6</b>	
Survey Company <b>Sean Barry &amp; Associates Inc.</b>	Date of Survey (from & to) 01 11 87 02 03 88 Day   Mo.   Yr.   Day   Mo.   Yr.
Name and Address of Author (of Geo-Technical report) <b>Jean Marie Barry, Box 2058, Wawa, Ontario POS 1K0</b>	
Total Miles of line Cut <b>29.72 miles</b>	

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Cont. Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
T.B.	974843	40			
	974844	40			
	974845	40			
	974917	40			
	974918	40			
	974919	40			
	974920	40			
	974921	40			
	974922	40			
	974923	40			
	974924	40			
	974925	40			
	974926	30			
	974927	40			
	974928	6			
	974929	6			

RECEIVED  
THUNDER BAY  
DIVISION  
7 PM JAN 29 1988

Expenditures (excludes power stripping)

Type of Work Performed <b>Assaying (Soils)</b>
Performed on Claim(s) <b>924447-48; 924771-780 Ind; 970763-773 Ind; 970784-789 Ind; 974926-929 Ind.</b>
Calculation of Expenditure Days Credits Total Expenditures <b>\$23,147.20</b> ÷ 15 = Total Days Credits <b>1543</b>

Total number of mining claims covered by this report of work. **61**

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date <b>Feb 29 / 88</b>	Recorded Holder or Agent (Signature) <b>Seymour Sean</b>
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Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying <b>Seymour McSearys, P.O. Box 2058 Wawa, Ontario, POS 1K0</b>	Date Certified <b>Feb 29 / 88</b> March 2	Certified by (Signature) <b>Seymour Sean</b>
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Ministry of Northern Development and Mines

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT No. **W8804-152**

*our file*

Instructions - Please type or print.  
 If number of mining claims traversed exceeds space on this form, attach a list.  
 Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.  
 - Do not use shaded areas below.

Mining Act **2.11075**

Type of Survey(s) **GEOCHEMICAL SAMPLING (SOIL)** Township or Area **Wabigoon Lake Area G-600**  
 Claim Holder(s) **Dolphin Explorations Ltd.** Prospector's Licence No. **T1484**  
 Address **Suite 1440-800 West Pender St, Vancouver B.C, V6C 2V6**  
 Survey Company **Sears, Barry & Associates Inc.** Date of Survey (from & to) **01 11 87 02 03 88** Total Miles of Line Cut **29.72 miles**  
 Name and Address of Author (of Geo-Technical report) **Joan Marie Barry Box 2058, Wawa, Ont, P0S 1K0**

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic - Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric - Other	
	Geological	
	Geochemical	<b>40</b>
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic - Magnetometer - Radiometric - Other	
	Geological	
	Geochemical	
Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys	Electromagnetic Magnetometer Radiometric	

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
	924447			970784	
	924448			970785	
	924771			970786	
	924772			970787	
	924773			970788	
	924774			970789	
	924775			970926	
	924776			<del>970927</del>	
	924777			970928	
	924778			970929	
	924779				
	924780				
	970763				
	970764				
	970765				
	970766				
	970767				
	970768				
	970769				
	970770				
	970771				
	970772				
	970773				

RECEIVED  
 THUNDER BAY  
 MINING DIVISION  
 08 MAR 7 PM 1 13

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures \$  + 15 =  Total Days Credits

Instructions  
 Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. **32**

For Office Use Only

Total Days Cr. Recorded **1280** Date Recorded **March 7 1988** Mining Recorder **Catherine J. Allen**  
 Date Approved or Rec'd **See revised statement** Branch Director

Date **Feb 29 1988** Recorded Holder or Agent (Signature) *Seymour Sears*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying **Seymour M. Sears, P.O. Box 2058**

Date Certified \_\_\_\_\_ Certified by (Signature) \_\_\_\_\_



Ontario

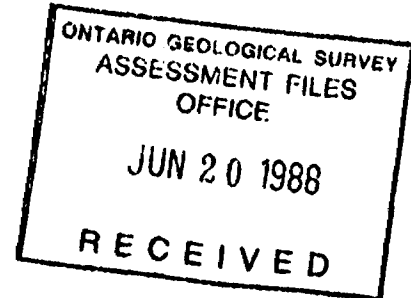
Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

May 25, 1988

Your file: W8804-151  
Our File: 2.11075

Mining Recorder  
Ministry of Northern Development and Mines  
435 James Street South  
P.O. Box 5000  
Thunder Bay, Ontario  
P7C 5G6



Dear Madam:

RE: Data for Assaying submitted under Section 77(19) of the  
Mining Act R.S.O. 1980 on Mining Claims TB-924447 et al  
in the Area of Wabikoba Lake

The enclosed statement of assessment work credits for assaying has  
been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate  
on your records.

Yours sincerely,

W.R. Cowan, Manager  
Mining Lands Section  
Mines and Minerals Branch

Whitney Block, Room 6610  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Telephone: (416) 965-4888

AB  
AB:p1  
Enclosure (2)

cc: Resident Geologist  
Thunder Bay, Ontario

Dolphin Explorations Ltd.  
Suite 1440  
800 West Pender Street  
Vancouver, B.C.  
V6C 2V6





Recorded Holder  
Dolphin Explorations Ltd.

~~XXXXXX~~ Area  
Wabikoba Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<p><b>Geophysical</b></p> <p>Electromagnetic _____ days</p> <p>Magnetometer _____ days</p> <p>Radiometric _____ days</p> <p>Induced polarization _____ days</p> <p>Other _____ days</p>	<p>\$23,147.20 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:</p> <p>TB 924447-48 924771 to 80 inclusive 970763 to 73 inclusive 970784 to 88 inclusive 974926-28-29</p> <p>1,543 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT R.S.O. 1980.</p>
<p>Section 77 (19) See "Mining Claims Assessed" column</p>	
<p>Geological _____ days</p>	
<p>Geochemical _____ days</p>	
<p>Man days <input type="checkbox"/> Airborne <input type="checkbox"/></p> <p>Special provision <input type="checkbox"/> Ground <input type="checkbox"/></p> <p><input type="checkbox"/> Credits have been reduced because of partial coverage of claims.</p> <p><input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.</p>	

Special credits under section 77 (16) for the following mining claims

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No credits have been allowed for the following mining claims

not sufficiently covered by the survey       insufficient technical data filed

---

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Ministry of Northern Development and Mines

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT No. Instructions: - Please type or print. (1 of 2)

W8804-151

Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. - Do not use shaded areas below.

2. Mining Act 11075

Type of Survey(s) **EXPENDITURES (ASSAYING)** Township or Area **Wabikoba Lake Area 6-620**

Claim Holder(s) **DOLPHIN EXPLORATIONS LTD** Prospector's Licence No. **T 1484**

Address **Suite 1440-800 West Pender St., Vancouver, B.C. V6C 2V6**

Survey Company **Sears Barry & Associates Inc** Date of Survey (from & to) **01 01 87 02 03 87** Total Miles of line Cut **29.72 Miles**

Name and Address of Author (of Geo-Technical report) **Joan Marie Barry, Box 2058, Uawa, Ontario POS 1K0**

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
TB	924447	7	TB	970784	7
	924448	7		970785	7
	924771	7		970786	30
	924772	7		970787	
	924773	7		970788	30
	924774	7		970789	30
	924775	30		974827	40
	924776	7		974828	40
	924777	30		974829	40
	924778	7		974830	40
	924779	7		974831	40
	924780	7		974832	40
	970763	7		974833	40
	970764	7		974834	40
	970765	7		974835	40
	970766	7		974836	40
	970767	7		974837	40
	970768	7		974838	40
	970769	30		974839	40
	970770	7		974840	40
	970771	7		974841	40
	970772	7		974842	40
	970773	7			

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MAR 15 1988  
MINING LANDS SECTION

Expenditures (excludes power stripping)

Type of Work Performed **ASSAYING (Sunt.)**

Performed on Claim(s) **924447-48; 924771-780 incl; 970763-773 incl; 970784-789 incl; & 974826-829 incl.**

Calculation of Expenditure Days Credits

Total Expenditures **\$ 23,147.20** ÷ **15** = **1543**

Total Days Credits

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report **OVER**

For Office Use Only

Total Days Cr. Recorded **1524** Date Recorded **March 7, 1988** Mining Record **Barber**

Date Approved & Recorded **March 2, 1988** Branch Director **See Statement**

RECEIVED  
MINING  
HENDERSON  
BARBER  
SUNTS  
MARCH 11 1988

Date **Feb 29/88** Recorded Holder or Agent (Signature) **Seamon Sean**

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying **Seamon Sean, P.O. Box 2058, Uawa, Ontario POS 1K0**

Date Certified **March 2 1988** Certified by (Signature) **Seamon Sean**



Mining Act

Form header containing: Type of Survey(s) EXPENDITURES (ASSAYING), Claim Holder(s) Dolphin EXPLORATIONS LTD, Address Suite 1440-200 West Pender St., Vancouver BC, V6C 2V6, Survey Company Sears Barry & Associates Inc., Date of Survey (from & to) 01 11 87 02 03 88, Total Miles of line Cut 29.75 mls, Name and Address of Author (of Geo-Technical report) Joan Marie Barry, Box 2058, Wawa, Ontario P0S 1K0

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Table with 3 columns: Special Provisions, Geophysical, Days per Claim. Rows include: For first survey: Enter 40 days (This includes line cutting); For each additional survey: Enter 20 days (for each); Man Days Complete reverse side and enter total(s) here; Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.

Table with 3 columns: Cont. Prefix, Mining Claim Number, Expend. Days Cr. Rows list mining claims 974843 through 974929 with corresponding expenditure days.

RECEIVED TENDER BAY DIVISION 988 PM 7 PM 1987

Form section for Expenditures (excludes power stripping), Type of Work Performed Assaying (Suds), Performed on Claim(s) 924447-48; 924771-780 Ind; 970763-773 Ind; 970784-789 Ind; 974926-929 Ind. Calculation of Expenditure Days Credits: Total Expenditures \$23,147.20 ÷ 15 = 1543. Instructions: Total Days Credits may be apportioned at the claim holder's choice.

Total number of mining claims covered by this report of work. 61

For Office Use Only table with fields: Total Days Cr. Recorded, Date Recorded, Mining Recorder, Date Approved as Recorded, Branch Director.

Date Feb 29 / 88, Recorded Holder or Agent (Signature) Seymour Sean

Certification Verifying Report of Work. I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true. Name and Postal Address of Person Certifying Seymour McSears, P.O. Box 2058, Wawa, Ontario, P0S 1K0. Date Certified Feb 29 / 88, Certified by (Signature) Seymour Sean.



Ministry of  
Northern Development  
and Mines

Ontario

Ministère du  
Développement du Nord  
et des Mines

June 9, 1988

Your File: W8804-152  
Our file: 2.11075

Mining Recorder  
Ministry of Northern Development and Mines  
435 James Street South  
P.O. Box 5000  
Thunder Bay, Ontario  
P7C 5G6

Dear Madam:

RE: Notice of Intent dated May 25, 1988  
Geochemical Survey submitted on  
Mining Claims TB 924447 et al  
in the Area of Wabikoba Lake

The assessment work credits, as listed with the above-mentioned  
Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and  
so indicate on your records.

Yours sincerely,

W.R. Cowan, Manager  
Mining Lands Section  
Mines and Minerals Division

Whitney Block, Room 6610  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Telephone: (416) 965-4888

ABAB:p1

Enclosure: Technical Assessment Work Credits

cc: Mr. G.H. Ferguson  
Mining & Lands Commissioner  
Toronto, Ontario

Resident Geologist  
Thunder Bay, Ontario

Dolphin Explorations Ltd.  
Suite 1440  
800 West Pender Street  
Vancouver, B.C.  
V6C 2V6

Recorded Holder **Dolphin Explorations Ltd.**  
~~XXXXXX~~ Area **Wabikoba Lake**

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<b>Geophysical</b> Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days	TB 924447-48 924771 to 80 inclusive 970763 to 73 inclusive 970784 to 88 inclusive 974926-28-29
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical <u>32</u> _____ days	
Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	

**Special credits under section 77 (16) for the following mining claims**

**No credits have been allowed for the following mining claims**

not sufficiently covered by the survey       insufficient technical data filed

TB 970789

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

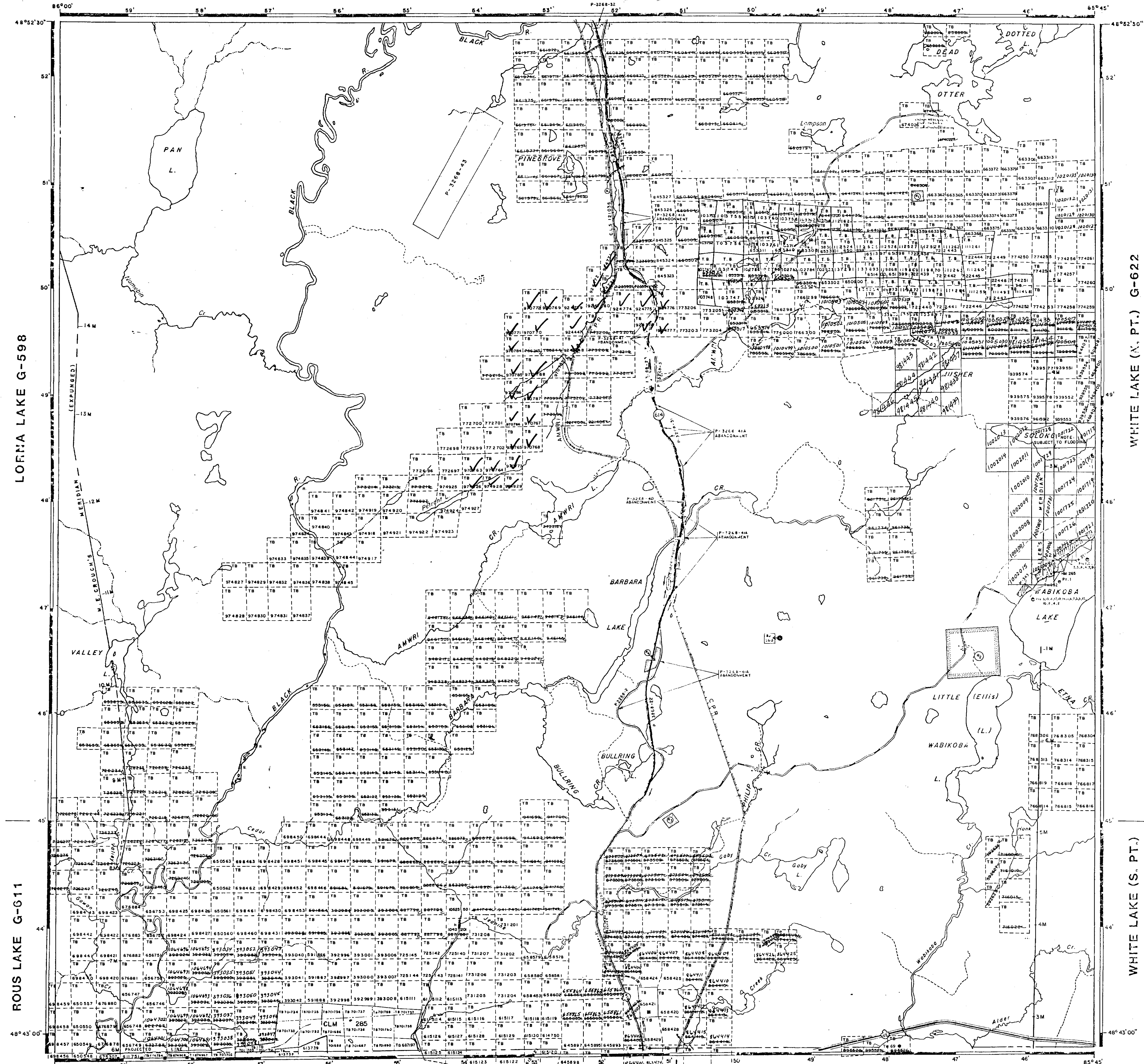
**REFERENCES**

**AREAS WITHDRAWN FROM DISPOSITION**

M.R.O. - MINING RIGHTS ONLY  
 S.R.O. - SURFACE RIGHTS ONLY  
 M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
SEC. 36/80	W28/83	20/10/83	S.R.O.	
SEC. 36/80	W22/84	14/08/84	S.R.O.	
SEC. 36/80	W10/85	2/10/85	S.R.O.	
SEC. 36/80	W37/85	18/12/85	S.B.M.R.	

**BLACK RIVER G-580**



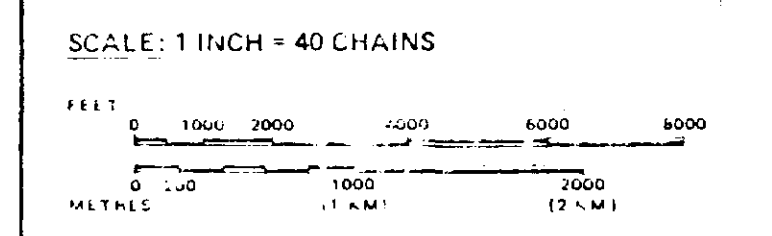
**LEGEND**

- HIGHWAY AND ROUTE NO.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

**DISPOSITION OF CROWN LANDS**

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	.....
.. SURFACE RIGHTS ONLY	.....
.. MINING RIGHTS ONLY	.....
LEASE, SURFACE & MINING RIGHTS	.....
.. SURFACE RIGHTS ONLY	.....
.. MINING RIGHTS ONLY	.....
LICENCE OF OCCUPATION	.....
ORDER-IN-COUNCIL	.....
RESERVATION	.....
CANCELLED	.....
SAND & GRAVEL	.....

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1



SOLONG LAKE SUBJECT TO FLOODING TO ELEVATION GSC 323.75 METRES. ORDER OF MINING LANDS COMMISSIONER JUNE 7, 1985. FILE #469360

LORNA LAKE G-598

WHITE LAKE (N. PT.) G-622

ROUS LAKE G-611

WHITE LAKE (S. PT.) G-623

BOMBY TWP. G-3173

BROTHERS TWP. G-3172

THUNDER BAY  
 MINING DIVISION  
 JUN 1 1988  
 JUN 1 1988

AREA  
**WABIKOBA LAKE**

M.N.R. ADMINISTRATIVE DISTRICT  
 TERRACE BAY  
 MINING DIVISION  
 THUNDER BAY  
 LAND TITLES / REGISTRY DIVISION  
 THUNDER BAY

Ministry of Land Management  
 Ontario Resources Branch

APRIL 1, 1987  
 Date: AUGUST 1984

Number:  
**G-620**

WABIKOBA LAKE

G-620

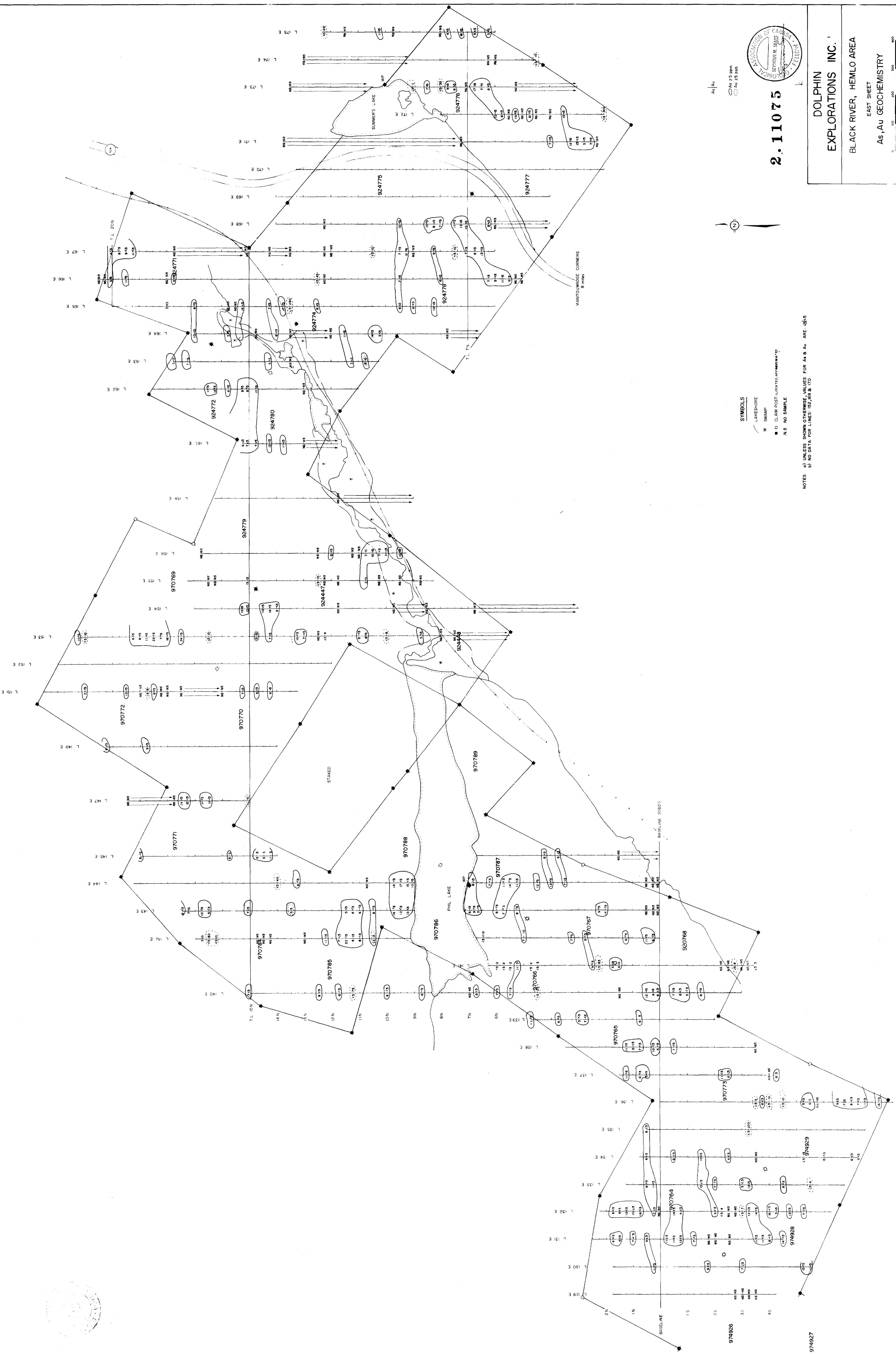


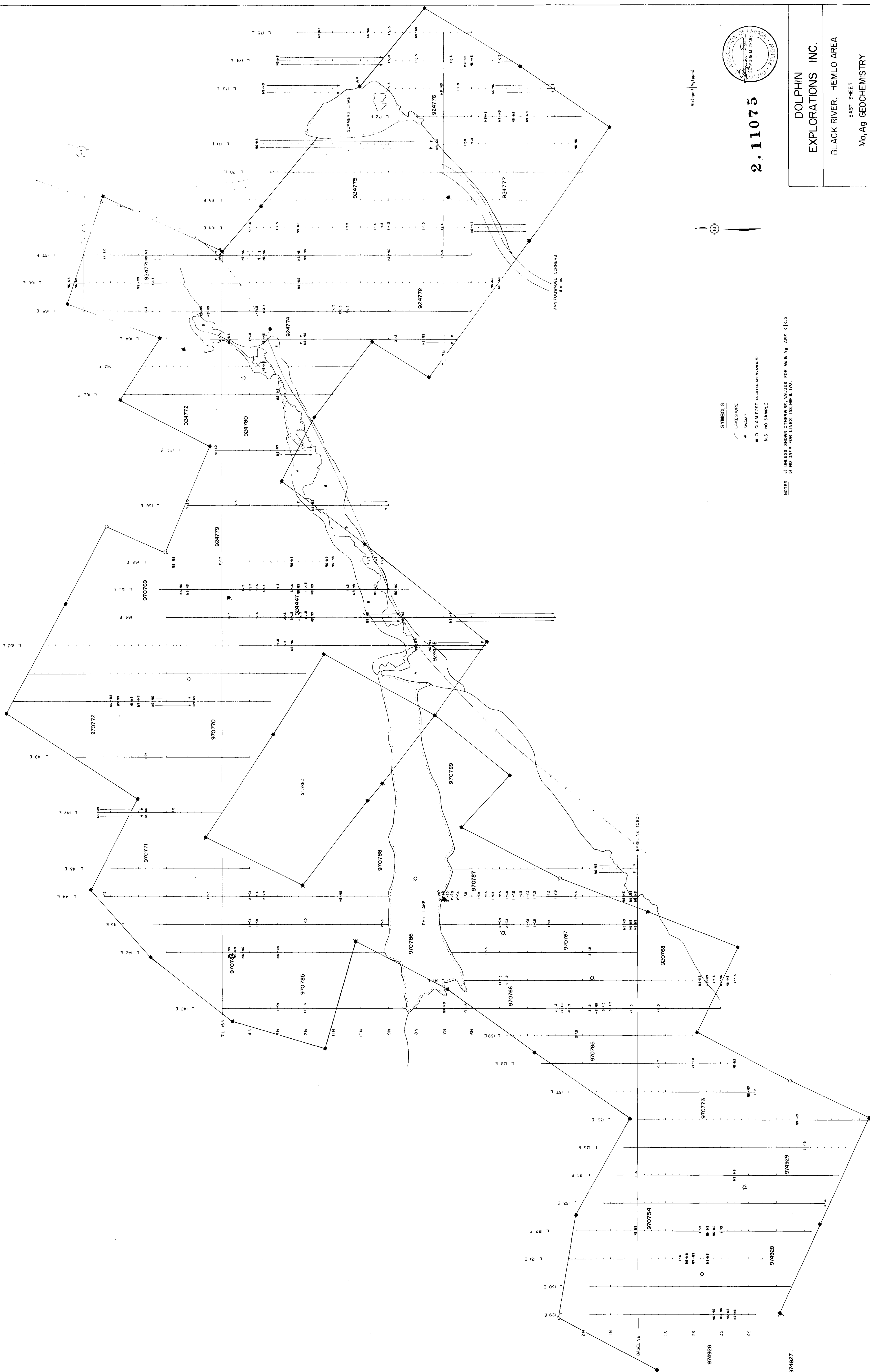




2.11075

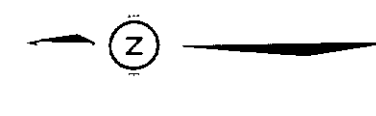
DOLPHIN  
EXPLORATIONS INC.  
BLACK RIVER, HEMLO AREA  
EAST SHEET  
As, Au GEOCHEMISTRY  
SCALE 1:8000 FEB 1988 FIGURE NO. 1A  
SEARS, BARRY & ASSOCIATES INC. WAWA





M (open) (4/1/00)

**SYMBOLS**  
 ○ LAKESHORE  
 W SWAMP  
 ■ CLAIM POST (LOCATED APPROXIMATELY)  
 \* NO SAMPLE

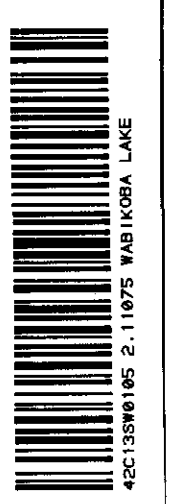


**2.11075**

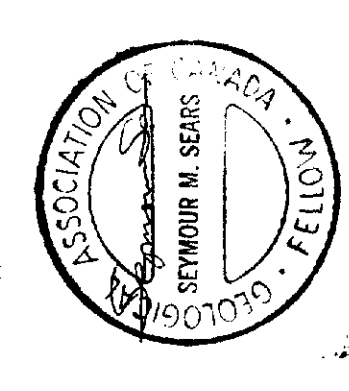
NOTES: 01 UNLESS SHOWN OTHERWISE, VALUES FOR Mo & Ag ARE 41:5  
 02 NO DATA FOR LINES 152, 159 & 170.

**DOLPHIN EXPLORATIONS INC.**  
 BLACK RIVER, HEMLO AREA  
 EAST SHEET  
 Mo, Ag GEOCHEMISTRY

SCALE 1:5000 FEB 1989 FIGURE NO. 2 A  
 SEARS, BARRY & ASSOCIATES INC. WANA



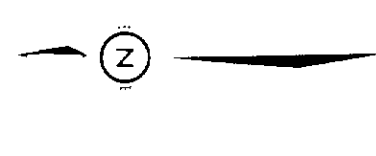




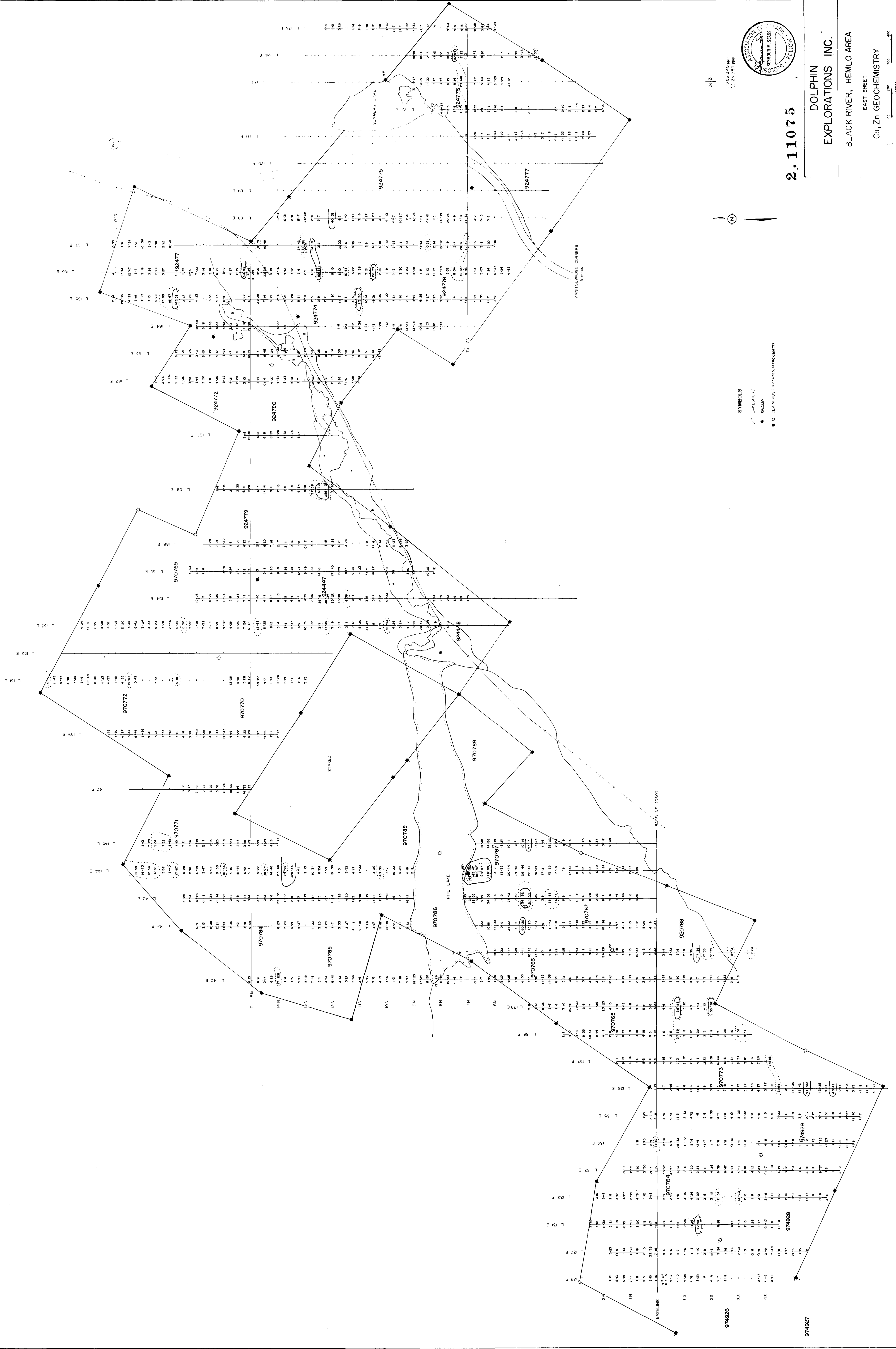
2.11075

DOLPHIN EXPLORATIONS INC.  
BLACK RIVER, HEMLO AREA  
EAST SHEET  
Cu, Zn GEOCHEMISTRY

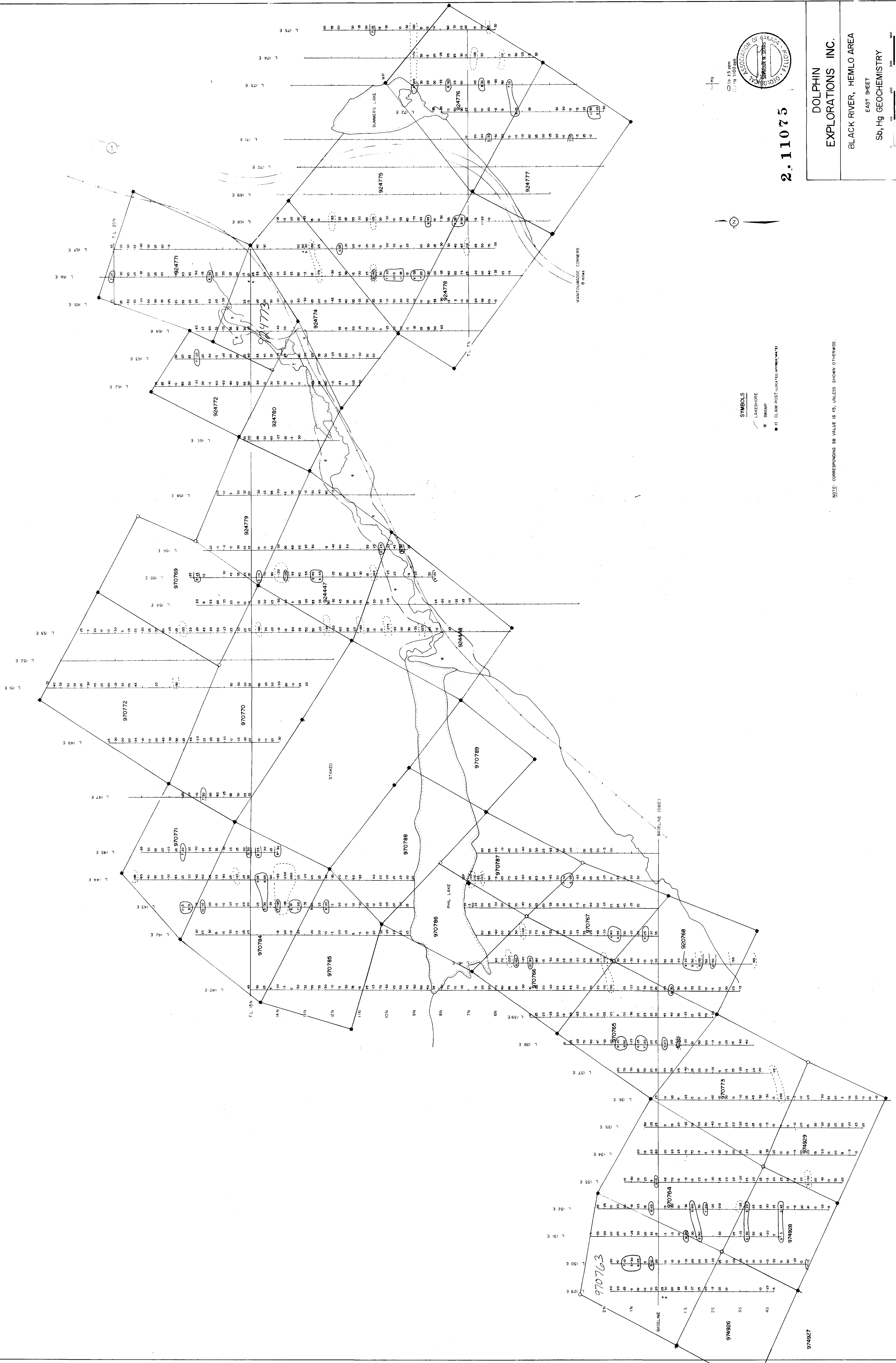
SCALE 1:5000 FEB 1988 FIGURE No. 2A  
SEARS, BARRY B ASSOCIATES INC. WAWA



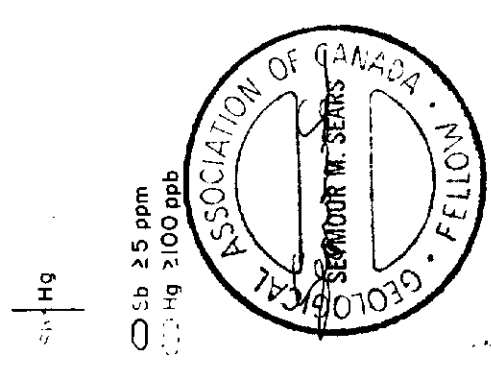
SYMBOLS  
- LAKESHORE  
- SWAMP  
- CLAIM POST (LOCATED APPROXIMATELY)



250



**SYMBOLS**  
 LAKESHORE  
 SWAMP  
 CLAIM POST LOCATED APPROXIMATELY



**2.11075**

**DOLPHIN EXPLORATIONS INC.**  
 BLACK RIVER, HEMLO AREA  
 EAST SHEET  
 Sb, Hg GEOCHEMISTRY  
 SCALE 1:5000 FEB. 1988  
 SEARS, BARRY B ASSOCIATES INC. WAWA

NOTE: CORRESPONDING SB VALUE IS 45, UNLESS SHOWN OTHERWISE.

