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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,615

BARSAND RESOURCES INC.
2000 - 609 GRANVILLE ST.
VANCOUVER B.C.
V7Y 1A1

GEOCHEMICAL, GEOPHYSICAL

SUMMARY OF EXPLORATION
MB9, MB10, MB11 MINERAL CLAIMS
ATLIN MINING DIVISION
BRITISH COLUMBIA

LATITUDE 59° 31'N LONGITUDE 133° 19'W
NTS 104N/11W

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WHITEHORSE, YUKON TERRITORY

13 November 84

SUMMARY AND RECCOMENDATIONS

The MB9, MB10 and MB11 mineral claims owned by Barsand Resources Inc. of Vancouver, B.C. are located in the Surprise Lake area of northwestern British Columbia at Latitude 59° 31'N by Longitude 133° 19'W on NTS mapsheet 104N/11W. The property was explored in the 1984 field season by Barsand Resources Inc. with geochemical, geophysical and geological techniques. Exploration work was contracted out to MBW Surveys Ltd. of Whitehorse, Yukon Territory and geological supervision and compilation provided by Rogers Exploration Services Ltd. of Whitehorse, Yukon Territory.

There are at present no economic reserves of minerals discovered on the property. The property has an excellent probability of developing significant showings of gold mineralization comparable to that delineated to date on the nearby properties of Standard Gold Mines Ltd. Work in the 1984 field season was directed to defining areas on the claim group likely to host such mineralization and to provide a sound basis for further development of the property.

Six primary anomalies were delineated in the current program. Three of these have strongly coincident geochemical and geophysical expression and lie in an area of favorable geological setting. The other three are geochemical anomalies with weak or minimal geophysical confirmation that warrant further investigation due to the often spurious nature of electromagnetic response in the Surprise Lake area.

The six primary anomalies should be investigated in the course of future work on the property. Small scale grids should be established around each anomaly and high density VLF-EM and soil sampling conducted; soils should be analysed for Au, Hg, As and Zn. A series of bulk soils from each area should be panned out and analysed for Au.

Elsewhere on the property, the main grids should be extended as detailed herein, with geochemical and geophysical surveys at present densities. Hand and bulldozer trenching will undoubtedly be required during the next field season to fully explore all anomalies. A program of systematic float or trench mapping will be required to better define the geological setting of the claim group.

The MB9, MB10 and MB11 mineral claims are a viable exploration target with excellent probability of developing reserves of gold mineralization. A program of exploration is proposed for the 1985 field season at a budgetted cost of \$75,000.00

Phase I.	Literature search, review of aerial photography and LANDSAT; preparation of orthophotograph; compilation.		
	1. 10 mandays @ 300	3000	
	2. Orthophotograph	2000	
	3. Materials	<u>2500</u>	
		7500	7,500.00
Phase II	Detailed exploration of six 1984 geochemical - geophysical anomalies.		
	1. Grid construction 14 km @ 500	7000	
	2. Soil geochemistry 600 samples @ 20	12000	
	3. VLF-EM Survey 14 km. @ 100	1400	
	4. Geological mapping, sampling and supervision. 10 mandays @ 300	3000	
	5. Assays	<u>1600</u>	
		25000	25,000.00
Phase III	Continuing exploration of property at preliminary level; grid extension and hand trenching; bulldozer trenching.		
	1. Grid construction 15 km. @ 500	7500	
	2. Soil geochemistry 400 samples @ 20	8000	
	3. VLF-EM Survey 15 km. @ 100	1500	
	4. Geological mapping and sampling 20 mandays @ 300	6000	
	5. Assays	3000	
	6. Hand trenching 5 mandays and explosives	2000	
	7. Bulldozer trenching 50 Hr. D-7 @ 100	5000	
	8. Supervision	<u>2000</u>	
		35000	35,000.00

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INTRODUCTION

This report summarizes the geological setting, exploration history and mineral potential of the MB9, MB10 and MB11 mineral claims and tenders recommendations for further investigation of the property. The present study was commissioned by the directors of Barsand Resources Inc. of 2000 - 609 Granville Street, Vancouver, B.C. at the termination of a preliminary program of exploration conducted on the property in the summer of 1984 by field crews of MBW Surveys Ltd. Background material for this summary included all field notes and maps from the 1984 field program, a review of government and private files relevant to the property and a detailed review and compilation of geochemical and geophysical data generated in the current program. The author visited the property on behalf of Barsand Resources Inc. between the 25th and 27th of September, 1984 in the company of exploration contractor Mr. M. Barker.

The author is conversant with the geology and economic potential of the study area, having conducted several major exploration programs in the region for a variety of interests over the past four years. The author is currently involved in geological consultation to several exploration companies active in the area peripheral to Barsand Resources Inc., these include: Everest Resources Limited, Gator Resources Ltd., Claymore Resources Ltd., Hollycroft Resource Corporation and Fort Knox Minerals Ltd.

PROPERTY

Location and Access

The MB9, MB10 and MB11 claims are located in the headwaters of Otter Creek, 22 kilometers due east of the town of Atlin, British Columbia at latitude 59° 31'N by longitude 133° 19'W on NTS map sheet 104N/11W (Figure 1). The property is situated 18 kilometers due south of the western end of Surprise Lake, and is easily accessible by a seasonal road from Atlin via Spruce and Rose Creeks. This road, like most of the other roads in the Spruce Creek network are not maintained during the winter months, and so must be considered as seasonal access only. Should developments on the property warrant, the road access could be easily and economically upgraded to year round status. Abundant material for road construction exists in the valleys adjacent to the property.

Atlin has been the principal supply and expediting center for exploration in northwestern British Columbia since the turn of the century and is the most logical place from which to stage exploration of this property. The town is accessible year-round by a highway connecting it with the major Alaska Highway to the north, and boasts excellent development infrastructure, including stores, accomodation and repair facilities. Helicopter and fixed wing aircraft are avialable for charter in Atlin or neighbouring Whitehorse and Watson Lake, Yukon Territory.

The relative ease of surface access, proximity of infrastructure and local population base make the Atlin area particularly amenable to exploration.

Claims

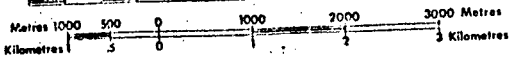
The property is located in the Atlin Mining Division of British Columbia and comprises three modified grid type claims (MB9, MB10, MB11) totalling 60 units and encompassing an area of approximately 1500 hectares. The claims are owned by Barsand Resources Inc.; claim data appears in Table I.

The author briefly examined the nature and location of staking boundaries during the field inspection in September of 1984, and although this was not an exhaustive perimeter traverse it was apparent that the staking has been done in conformity to the standard required under statute. It is recommended that a detailed survey of the property be undertaken in the course of future exploration work to physically define the boundaries of the ground as there have been a number of boundary disputes in this active mining camp over the past year.

Table I. Claim Data.

<u>Name</u>	<u>Unit Size</u>	<u>Record No.</u>	<u>Expiry Date</u>
MB 9	20	2171	08 Feb 85
MB 10	20	2172	08 Feb 85
MB 11	20	2173	08 Feb 85

CROWN-GRANTED MINERAL CLAIM
 REVERTED TO MINERAL CLAIM
 FORFEITED MINERAL CLAIM
 VERIFIED LEGAL CORNER POST
 LEGAL SURVEY
 LEGAL CORNER POST & TAG NUMBER 0-11-8

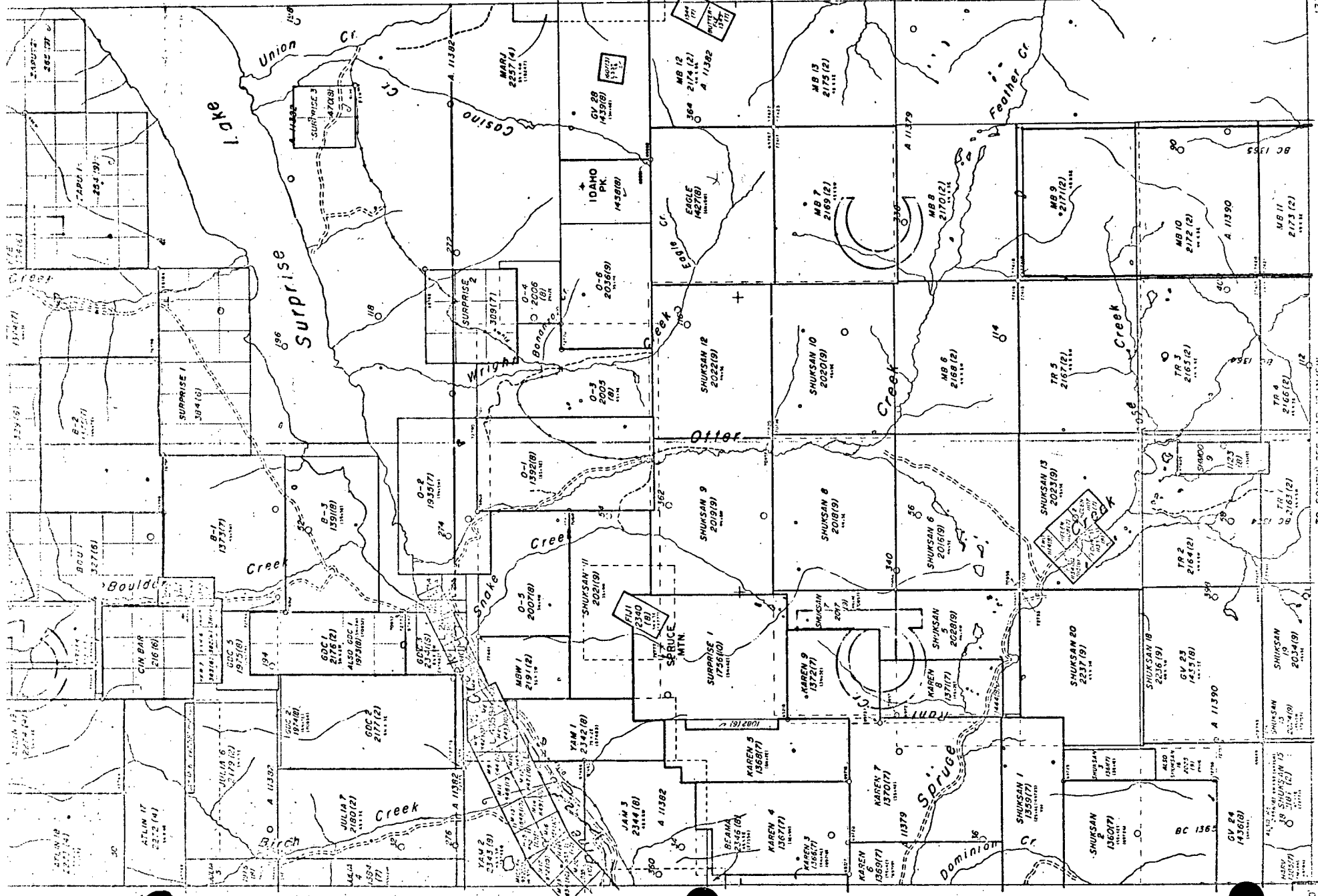


DATE OF MICROFILM: 84-10-04

BC 1497

59°30'

133°15'



TO WEST SEE MAP 104-N-12-E

TO SOUTH SEE MAP 104-N-10-W

59°30'

133°15'

MINERAL TITLES REFERENCE MAP 104/N/11/W
 DEPARTMENT OF MINES AND PETROLEUM RESOURCES VICTORIA, B.C.

Crown-Granted
 Reverted C.G. Mineral Claim
 Indian Reserves
 Mineral and Placer Reserves

ALIN MINING DIVISION
 Mining Division Boundary
 Indian Reserves
 Mineral and Placer Reserves

59°30' 133°15'

Physiography and Climate

The Barsand Resources Inc. property is located in the Western System of the Canadian Cordillera as described by Bostock (1948) and is entirely within the Teslin Plateau unit of the larger Yukon Plateau. This terrane is characterised by wide, flat bottomed valleys bounded by low, rolling mountains with gentle ridges and intervening saddles. Slopes are typically long and gentle with good vegetation facing southerly; north slopes are often abrupt and precipitous at higher elevations. Relief in the Surprise Lake area is moderate, rarely exceeding 750 meters. The lowest elevation in the district is at the town of Atlin with an elevation of 670 meters.

Glacial drift and fluvial material choke most of the stream valleys in the Surprise Lake area and consequently bedrock exposure is poor and confined to stream cuts and outcrops of blocky felsenmeer on ridge tops. Alpine style glaciation has incised several cirques on the higher mountains, and solifluction is evident on most southern slopes.

The climate of the area is tempered by proximity to the Pacific coast, and temperatures are typically milder than comparable latitudes inland. Summers are brief and warm with temperatures ranging up to 35 degrees Celsius in very light precipitation. Winters are warmer than adjacent Yukon areas with temperatures rarely declining below -25 degrees Celsius in light snowfall. The effective exploration season extends from early May to late October and is typically governed by the timing of break up in the spring and snow in the fall. Road conditions in the Atlin area and lack of water generally signify the onset of winter.

The Barsand Resources Inc. property is largely located above timberline and covered by a light growth of willow and alder and alpine grasses. Timber for development purposes could be easily obtained from neighbouring stream valleys.

HISTORY OF EXPLORATION

The Atlin area has been the focus of intensive placer gold exploration since the discovery of values on Pine Creek in July of 1897. The news of that discovery reached southern Canada later in the summer and sparked a minor staking rush into the area. Most of the streams within fifty miles of Atlin were staked up by the winter of 1897. Most of the activity was centered on the original discovery at Pine Creek, but significant production is recorded from Spruce, Rose, Birch, Ruby, Otter and Wright Creeks. Spruce Creek alone produced over 450,000 ounces of gold from 1898 to the present and stands as the most productive stream in the area. Placer exploration and production continue to this time, and a network of roads extends from Atlin to most of the active placer shows.

Significant gold and sulphide lode occurrences were discovered in the course of early placer prospecting; chief among these were the Lakeview and Imperial Au-W prospects developed extensively during the 1940's. These properties were centered around quartz veins bearing gold and wolframite developed in a weakly carbonatized andesite on the limb of a regional syncline. Both properties lapsed into relative obscurity after 1952, and endured sporadic promotional exploration until Yukon Revenue Mines Ltd. optioned the Lakeview in 1981 and initiated a gold exploration program than sparked a major staking rush into the area. In 1983, Standard Gold Mines Ltd. reported the discovery of high grade auriferous quartz veins in the eastern headwaters of Dominion Creek, 10 kilometers west of the Barsand ground, and a period of intense staking ensued.

In February of 1984, Barsand Resources Inc. acquired the MB9, MB10 and MB11 claims and initiated a program of exploration on the property. Field work was contracted to MBW Surveys Ltd., who performed a program including construction of two grids, soil geochemical sampling, VLF-EM geophysical surveys and preliminary mapping and prospecting. Geological supervision and compilation was contracted to Rogers Exploration Services Ltd. of Whitehorse, Yukon Territory.

For a concise history of the development of lode prospects in the Surprise Lake area, the reader is referred to Archer, Cathro and Associates' Northern Cordillera Mineral Inventory.

REGIONAL GEOLOGY

The regional geological setting of the Atlin (104N) mapsheet was described by J.D. Aitken (1959) in G.S.C. map 1082A at 1:250,000 scale. Aitken's field investigations spanned the period 1951 to 1958 and form a fairly reliable guide to the district. Dr. J.W.H. Monger conducted a program in the area in 1975 as part of a broader correlation of the Cordillera, and helped put the Atlin area into the geological context of neighbouring map sheets.

The Atlin map sheet includes three disparate north-westerly trending belts: the St. Elias - Insular Belt, the Coast - Cascade Mountain Belt and the Intermontane Belt. The Surprise Lake area falls within the Intermontane Belt and includes rocks of the Atlin Terrane: radiolarian chert, pelites, carbonates, volcanics and ultramafics of dominantly Pennsylvanian-Permian age correlative with the Cache Creek Group. This is in turn intruded by Pennsylvanian to Permian peridotite, serpentinite and other ultramafics and Jurassic-Cretaceous granitics, diorite, alaskite and quartz monzonite. Cretaceous and Tertiary andesite, dacite, rhyolite and volcanoclastics of the Sloko Group occur to the southwest of the property. Quaternary tillforms extensive drift cover in most stream valleys.

Structurally, the Atlin Terrane displays a striking northwesterly linearity in regional faulting: these appear to be dominantly strike slip faults with dextral displacement. Folding is evident throughout the Terrane, with local southwesterly plunging syncline-anticline pairs evident in the Surprise Lake area south to Spruce Creek.

PROPERTY GEOLOGY

Preliminary property level mapping was conducted by Mr. G.S. Davidson in the course of the field program. The results of that mapping are depicted in Figure 2. The relative paucity of outcrop in the property area is obvious, with only two major outcrops being evident: a weathered peak of Cache Creek Group chert, argillite and clastics located in the northwestern corner of MB9 on Grid "A" and scattered outcrop of limestone on MB10 in the eastern portion of Grid "B". It is possible to infer these outcrops to form part of a southwesterly plunging anticline centered about the middle of the claim group based on regional trends, but more detailed mapping or float tracing is required before any definitive picture of the bedrock geology is ascertained.

It is recommended that a photogeologic study be initiated on the area of the Barsand Resource Inc. property. This would include review of standard government aerial photography, obtaining enlargements as required for more detailed work, review of LANDSAT imagery and production of a contoured orthophotograph at 1:5000 scale with a 5 meter contour interval.

Geologically, the property contains the same elements as the mineralized Standard Gold Mines Ltd. ground. Extensive till and overburden will require the careful selection of exploration methods to best assess the economic potential of the claims.

ECONOMIC GEOLOGY

There are no mineral showings known at this time on the MB9, MB10 and MB11 property. The claim group does however present an attractive target for developing reserves of gold mineralization comparable to those known in the vicinity; recent developments on the properties west of Barsand show that the gold values are intimately tied to a contact between Cache Creek Group cherts and an ultramafic unit, the probability that this contact extends onto the present property is quite high. The geochemical and geophysical surveys performed in the 1984 season have delineated some promising anomalies that warrant detailed follow up in future exploration.

The geologically favorable setting of the Barsand property, combined with a proven provenance of placer gold in the immediate area make this property a viable exploration target. The complications of glacial drift and the attendant scarcity of outcrop may be overcome by careful selection of geophysical and geochemical techniques in the next stages of exploration.

The experience in the Surprise Lake camp has been that the best indicator of this type of gold deposit is gold mercury and arsenic in soil sampling, coupled with good electromagnetics. Soils may also be run for barite if budget restraints aren't too stringent. Bulk soils, panned down and analysed for gold only are an excellent follow up tool. Geophysically, VLF-EM seems to be the most cost-effective system in this camp, a follow up program of Crone C.E.M. to confirm anomalies prior to more expensive drilling or trenching may be required.

EXPLORATION PROGRAM

The program of exploration was contracted to MBW Surveys Ltd. of Whitehorse, Yukon Territory, and supervised by Mr. M. Barker. The program included construction of two metric grids (Figure 2), soil geochemical sampling, VLF-EM geophysical surveys and preliminary geological mapping. Work was conducted by a four man crew from 05 Sept 84 to 25 Sept 84 in areas selected to hold the most geological probability of hosting auriferous mineralization.

Soil Geochemical Surveys

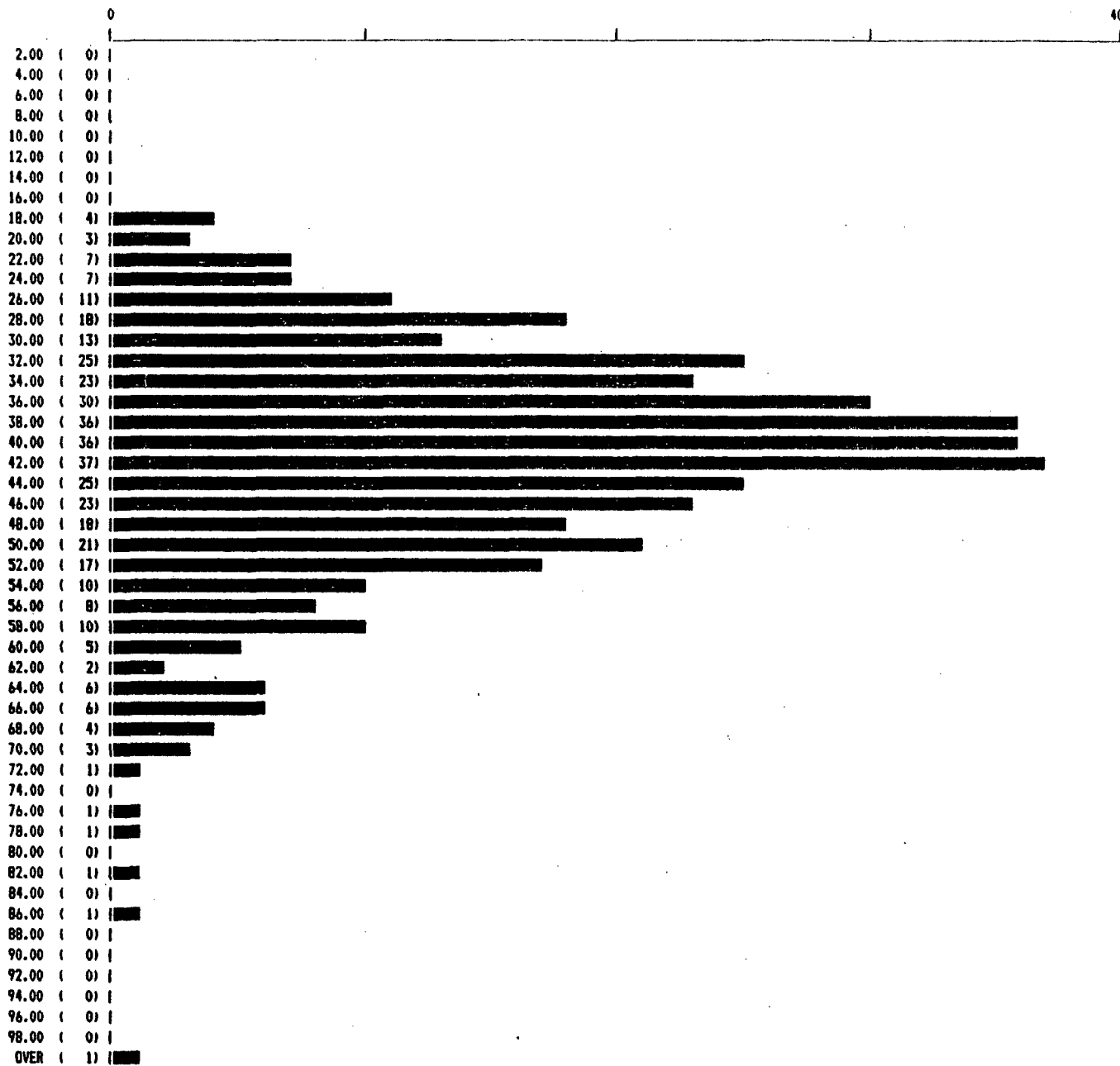
Soil samples were obtained on two grids on the Barsand property. Grid "A" is located on the northern portion of MB9 with a 0 + 00 E by 0 + 00 S point at the legal corner post in the extreme northwest corner of the mineral claim. A total of 173 samples were collected from this grid. Grid "B" is located in the east - central portion of MB10 and a total of 231 samples were collected off this grid. On both grids, samples were taken at 50 meter intervals on lines 100 meters apart (Figure 3 and Figure 4). Samples were collected with a mattock to a depth sufficient to test the "B" horizon and stored in standard 3½" X 7" kraft sample bags labelled with grid coordinates. Acme analytical Laboratories Ltd. of 852 E. Hastings Street, Vancouver analysed all samples for Cu, Pb, Zn, Ag, and As. The technique used was as follows: a .500 gram sample is digested with 3 ml. of 3-1-3 HCl-HNO3-H2O at 95 degrees Celsius for one hour and then diluted

to 10 ml. with water for ICP analysis.

Statistical data for the soil analyses is seen in Table I. Results of the survey are discussed in the conclusion to this report.

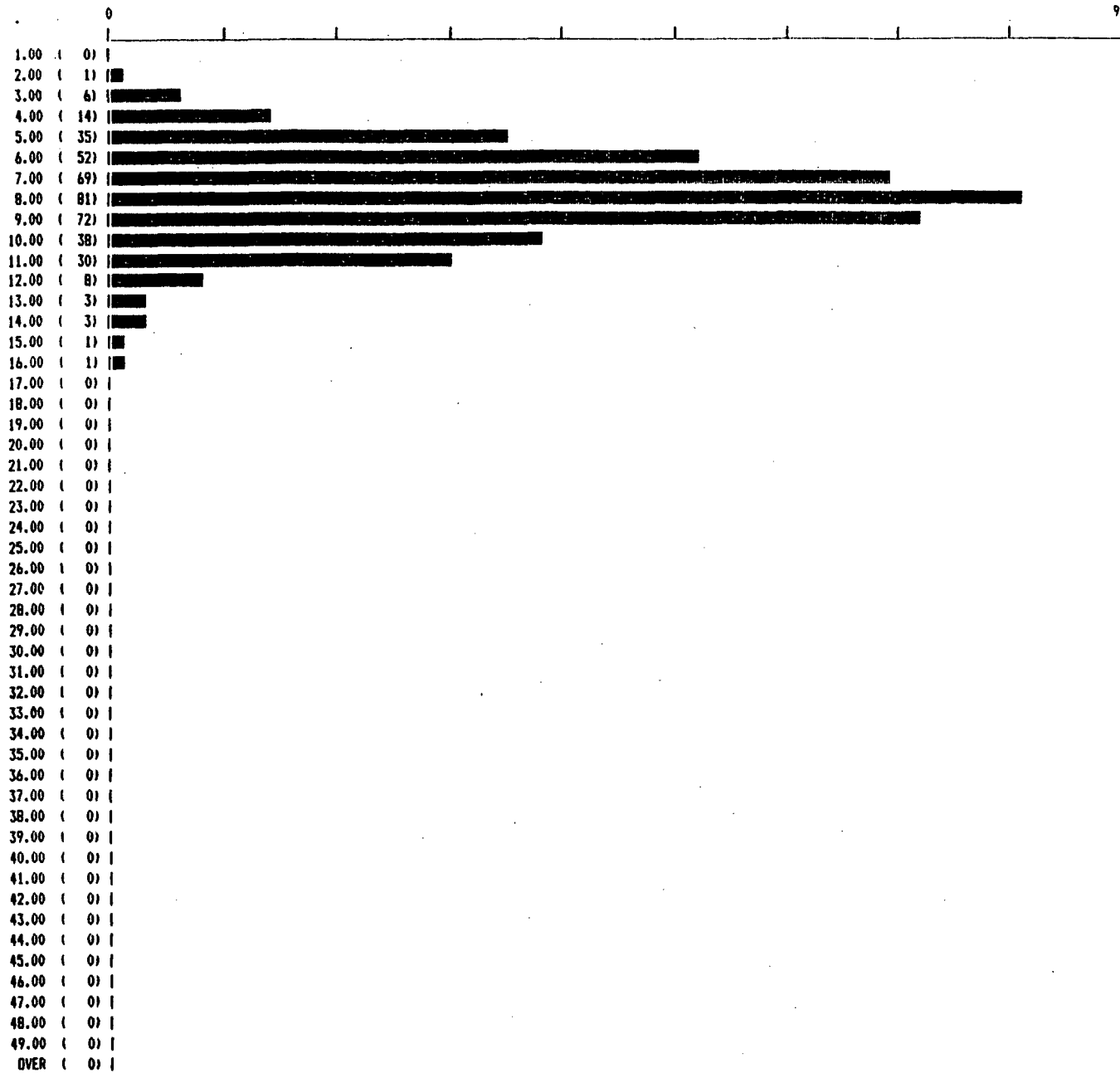
Table II. Statistical Summary : Geochemistry

ELEMENT :	Cu	Pb	Zn	Ag	As
N:	414	414	414	414	414
Maximum	163	16	148	0.7	21
Minimum	17	2	27	0.1	2
Median	40	8	69	0.1	7
Mean	41.65	7.87	68.14	0.14	7.29
S.D.	12.83	2.15	12.75	0.07	2.75
THRESHOLD (Mean + 2 S.D.)	67.31	12.17	93.64	0.28	12.79



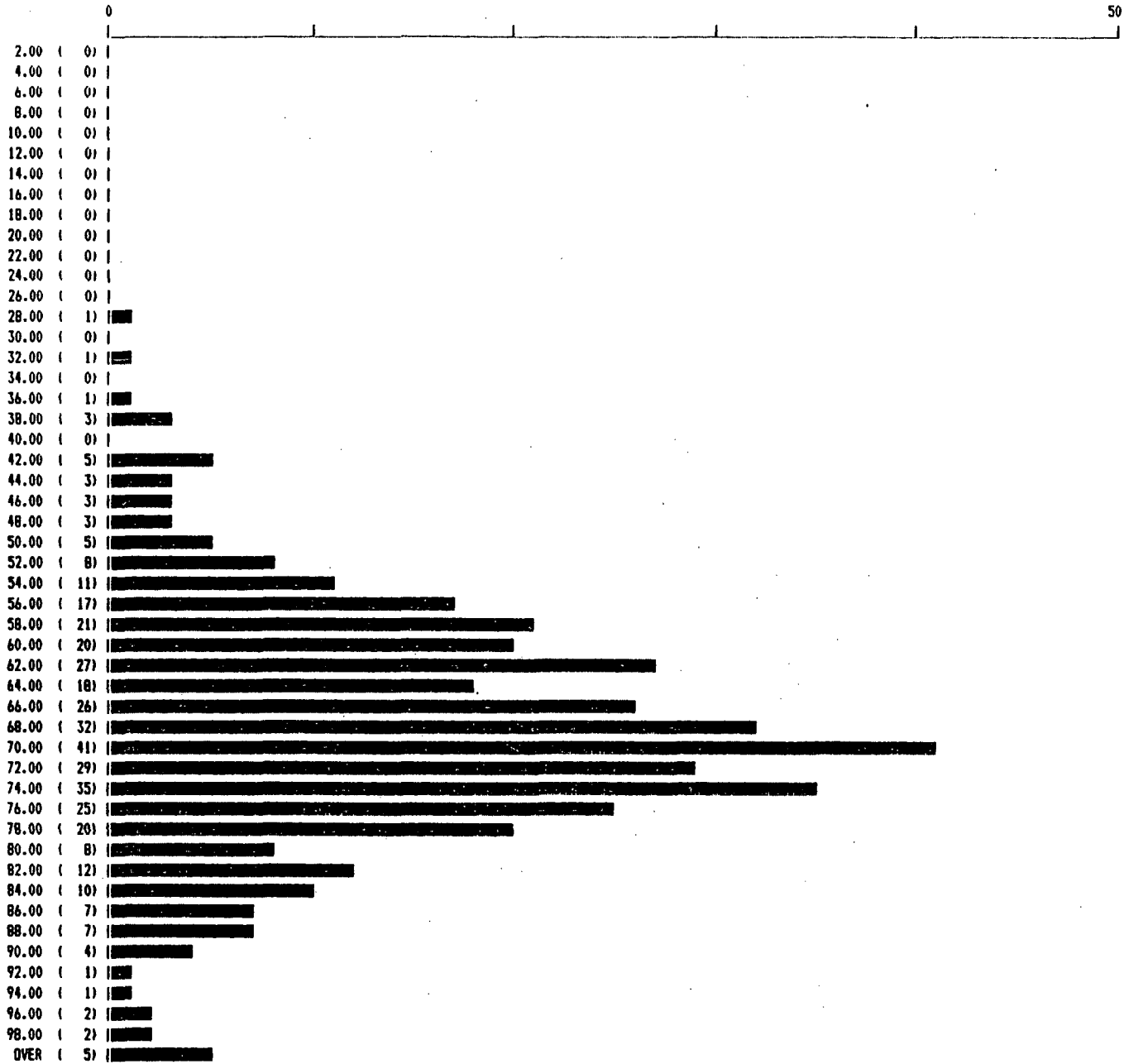
(12a)

SAMPLE SIZE : 414 MAX : 163 MIN : 17 MEDIAN : 40
 MEAN : 41.65 S.D. : 12.83



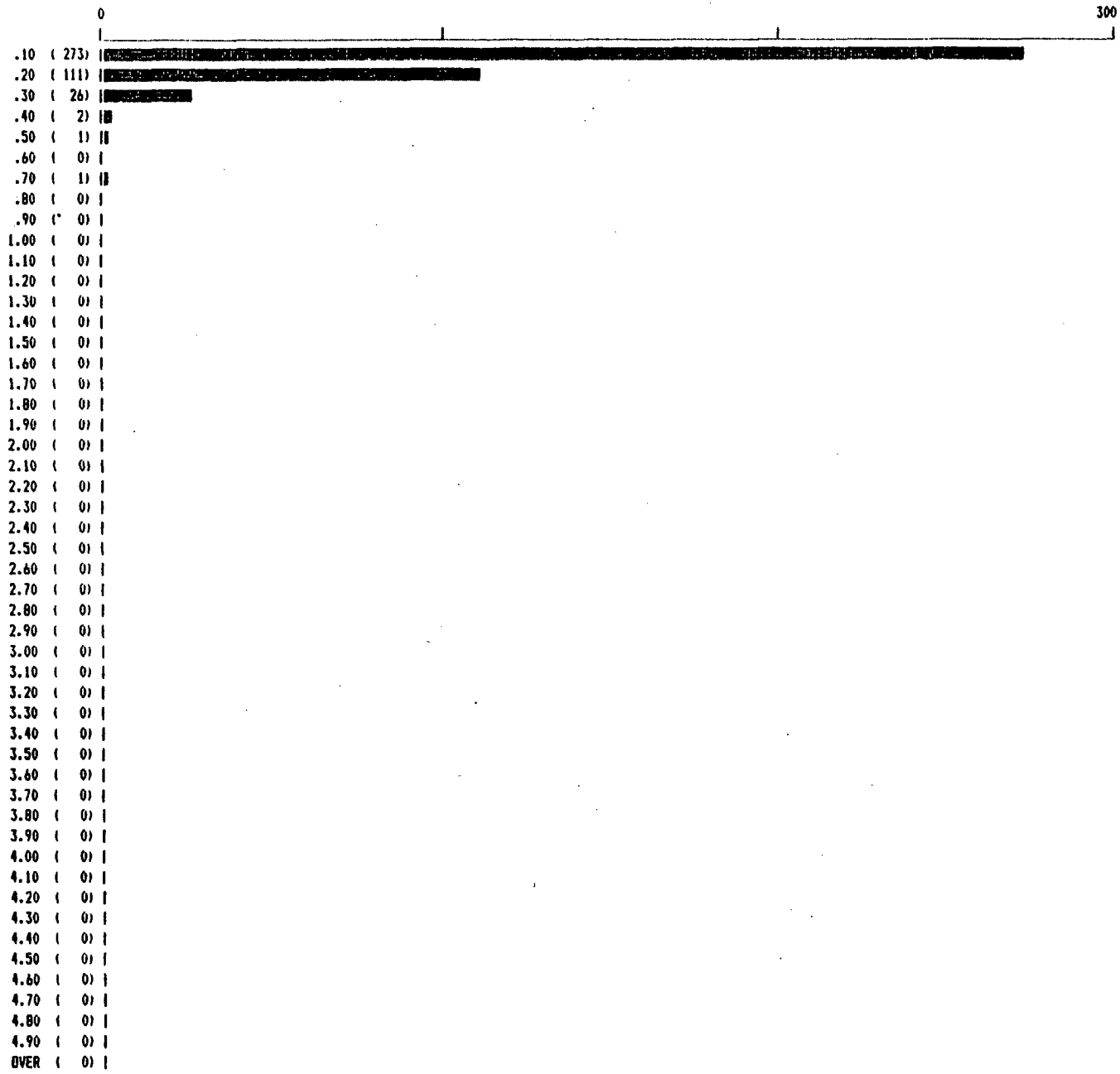
(12b)

SAMPLE SIZE : 414 MAX : 16 MIN : 2 MEDIAN : 8
 MEAN : 7.87 S.D. : 2.15



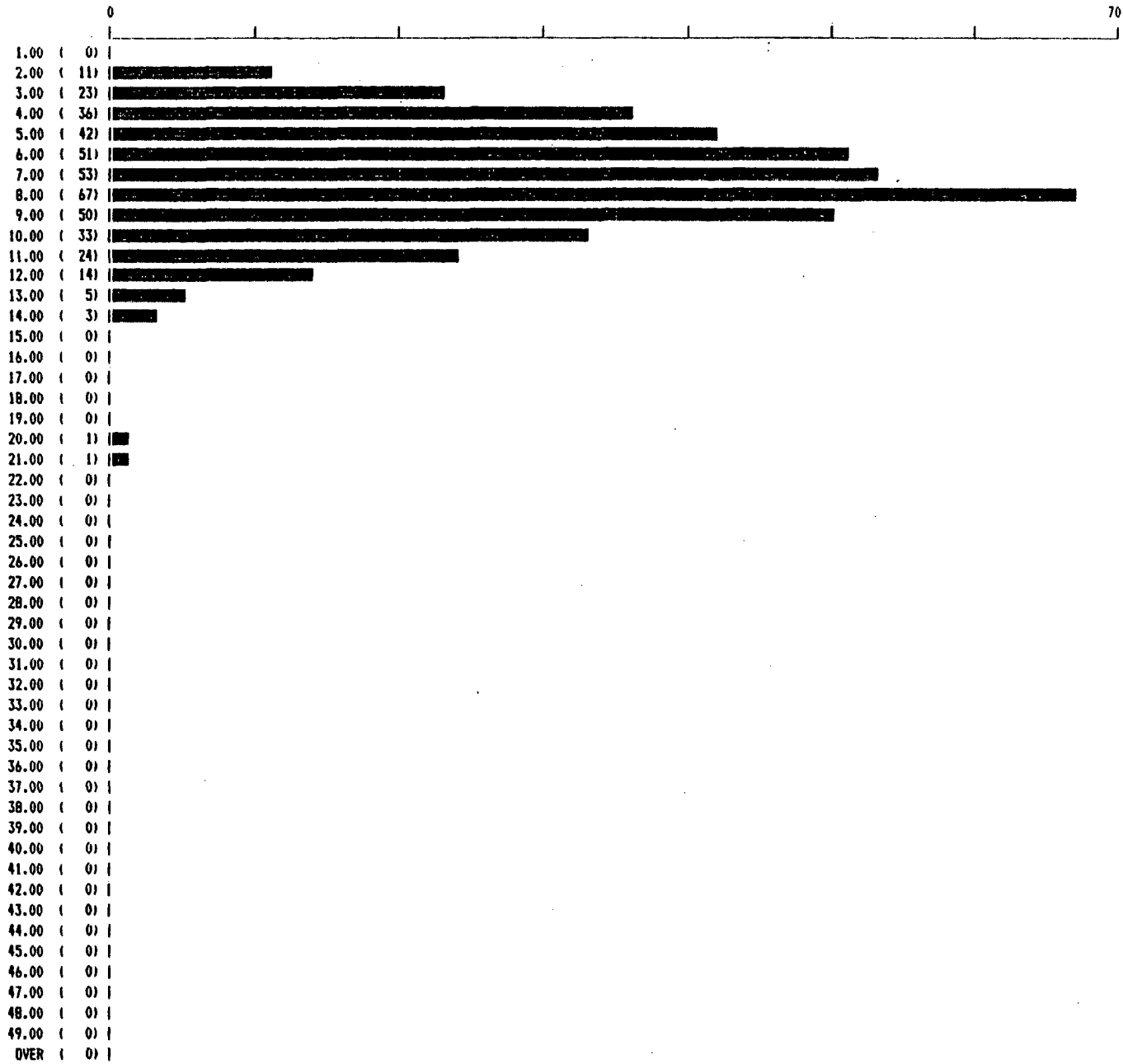
(12C)

SAMPLE SIZE : 414 MAX : 148 MIN : 27 MEDIAN : 69
 MEAN : 68.14 S.D. : 12.75



(12D)

SAMPLE SIZE : 414 MAX : .7 MIN : .1 MEDIAN : .1
 MEAN : .14 S.D. : .07



(12e)

SAMPLE SIZE : 414 MAX : 21 MIN : 2 MEDIAN : 7
MEAN : 7.29 S.D. : 2.75

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

DATE RECEIVED: OCT 9 1984

DATE REPORT MAILED: *Oct. 16/84..*

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR Mn, Fe, Ca, P, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Si, Zr, Ce, Sn, Y, Nb and Ta. Au DETECTION LIMIT BY ICP IS 3 ppm.
 - SAMPLE TYPE: SOILS

ASSAYER: *D. Toy* DEAN TOYE. CERTIFIED B.C. ASSAYER

BAR SAND RESOURCES

FILE # 84-2944

PAGE 1

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
10W 5+00N	39	9	67	.2	7
10W 4+50N	44	10	72	.3	8
10W 4+00N	36	7	66	.2	3
10W 3+50N	50	10	75	.1	10
10W 3+00N	36	7	69	.1	9
10W 2+50N	46	9	82	.1	3
10W 2+00N	32	10	95	.1	7
10W 1+50N	46	9	82	.1	9
10W 1+00N	51	10	82	.1	6
10W 0+50N	66	15	137	.2	9
10W 0+50S	43	12	85	.1	8
10W 1+00S	26	10	66	.1	4
10W 1+50S	39	9	69	.1	3
10W 2+00S	39	7	70	.2	10
10W 2+50S	32	9	69	.2	3
10W 3+00S	43	14	110	.1	12
10W 3+50S	42	16	70	.1	4
10W 4+00S	47	10	75	.1	8
10W 4+50S	37	8	71	.1	5
10W 5+00S	47	9	74	.1	8
9W 5+00N	47	10	72	.1	12
9W 4+50N	50	6	70	.1	8
9W 4+00N	49	11	73	.2	5
9W 3+50N	44	7	75	.1	3
9W 3+00N	47	11	69	.3	6
9W 2+50N	64	10	88	.1	10
9W 2+00N	46	8	73	.1	6
9W 1+50N	31	5	61	.1	4
9W 1+00N	36	6	72	.1	6
9W 0+50N	24	7	68	.1	4
9W 0+50S	37	9	86	.1	7
9W 1+00S	44	11	74	.3	6
9W 1+50S	44	10	69	.3	6
9W 2+00S	35	9	63	.1	7
9W 2+50S	42	11	85	.3	21
9W 3+00S	34	8	77	.1	6
9W 3+50S	37	8	67	.1	7
STD: C/FA-AU	58	39	129	6.7	43

BAR SAND RESOURCES

FILE # 84-2944

PAGE 2

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
9W 4+00S	42	5	68	.1	7
9W 4+50S	42	4	84	.1	7
9W 5+00S	50	6	77	.2	11
8W 5+00N	46	5	67	.1	7
8W 4+50N	50	5	75	.1	7
8W 4+00N	53	4	113	.1	9
8W 3+50N	46	8	97	.7	7
8W 3+00N	45	3	74	.1	7
8W 2+50N	36	6	65	.1	6
8W 2+00N	48	5	76	.1	6
8W 1+50N	40	5	70	.2	8
8W 1+00N	51	5	71	.2	7
8W 0+50N	45	5	75	.2	5
8W 0+50S	48	6	75	.1	11
8W 1+00S	25	3	58	.1	3
8W 1+50S	39	7	78	.2	9
8W 2+00S	48	7	76	.2	11
8W 2+50S	39	7	67	.1	3
8W 3+00S	41	6	71	.4	4
8W 3+50S	39	7	73	.2	8
8W 4+00S	33	6	71	.1	9
8W 4+50S	33	4	77	.1	4
8W 5+00S	42	6	79	.1	4
7W 5+00N	36	3	82	.1	4
7W 4+50N	40	3	60	.2	8
7W 4+00N	51	8	74	.2	8
7W 3+50N	43	5	70	.1	8
7W 3+00N	43	5	71	.1	9
7W 2+50N	50	5	84	.1	9
7W 2+00N	36	3	58	.1	3
7W 1+50N	45	5	81	.1	8
7W 1+00N	42	7	67	.1	7
7W 0+50N	49	7	75	.3	10
7W 0+50S	50	5	71	.1	8
7W 1+00S	42	3	64	.2	7
7W 1+50S	53	5	74	.1	8
7W 2+00S	36	7	56	.1	6
STD C/FA-AU	58	38	123	6.6	39

BAR SAND RESOURCES

FILE # 84-2944

PAGE 3

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
7W 2+50S	48	11	74	.1	8
7W 3+00S	41	8	67	.2	5
7W 3+50S	36	11	71	.2	7
7W 4+00S	37	9	76	.1	8
7W 4+50S	36	7	72	.2	4
7W 5+00S	35	10	86	.1	3
6W 5+00N	34	6	59	.5	9
6W 4+50N	20	11	35	.2	2
6W 4+00N	46	10	77	.1	11
6W 3+50N	37	11	66	.3	7
6W 3+00N	32	8	57	.1	11
6W 2+50N	42	8	68	.1	7
6W 2+00N	33	9	61	.1	5
6W 1+50N	43	9	67	.1	10
6W 1+00N	39	10	75	.2	8
6W 0+50N	37	10	73	.2	4
6W 0+50S	50	9	83	.1	9
6W 1+00S	46	12	77	.1	11
6W 1+50S	57	7	81	.1	5
6W 2+00S	39	9	71	.1	8
6W 2+50S	41	8	69	.1	6
6W 3+00S	36	8	66	.2	9
6W 3+50S	46	7	71	.2	9
6W 4+00S	42	9	72	.2	7
6W 4+50S	40	8	76	.2	9
6W 5+00S	42	10	73	.1	9
5W 5+00N	22	9	61	.2	2
5W 4+50N	32	6	54	.1	5
5W 4+00N	39	7	64	.1	5
5W 3+50N	42	5	67	.1	8
5W 3+00N	46	9	73	.2	9
5W 2+50N	31	7	53	.1	7
5W 2+00N	37	5	60	.1	6
5W 1+50N	31	6	57	.1	6
5W 1+00N	42	9	69	.1	9
5W 0+50N	35	4	64	.1	4
5W 0+50S	38	9	66	.1	14
STD C/FA-AU	57	40	129	6.7	41

BAR SAND RESOURCES

FILE # 84-2944

PAGE 4

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
5W 1+00S	39	4	72	.2	10
5W 1+50S	39	6	94	.1	9
5W 2+00S	38	7	70	.1	8
5W 2+50S	38	5	69	.1	9
5W 3+00S	51	8	77	.1	12
5W 3+50S	37	5	67	.1	13
5W 4+00S	27	7	67	.2	10
5W 4+50S	19	5	73	.1	8
5W 5+00S	38	7	73	.1	9
4W 5+00N	38	9	66	.2	9
4W 4+50N	26	4	57	.1	7
4W 4+00N	28	5	53	.1	6
4W 3+50N	28	5	49	.1	6
4W 3+00N	43	7	68	.1	9
4W 2+50N	46	6	64	.4	9
4W 2+00N	35	6	56	.2	9
4W 1+50N	38	6	56	.2	6
4W 1+00N	40	4	69	.1	10
4W 0+50N	40	6	68	.2	9
4W 0+50S	38	5	62	.2	8
4W 1+00S	38	8	73	.2	5
4W 1+50S	48	5	75	.1	8
4W 2+00S	51	7	80	.3	10
4W 2+50S	42	7	73	.2	8
4W 3+00S	38	7	74	.2	9
4W 3+50S	45	7	78	.1	10
4W 4+00S	28	7	63	.2	7
4W 4+50S	36	7	71	.2	11
4W 5+00S	34	6	66	.2	20
3W 5+00N	33	7	62	.2	9
3W 4+50N	41	7	77	.1	4
3W 4+00N	41	6	70	.1	8
3W 3+50N	21	10	73	.2	2
3W 3+00N	35	6	84	.1	7
3W 2+50N	43	6	76	.2	7
3W 2+00N	36	5	65	.1	4
3W 1+50N	33	8	69	.3	4
STD C/FA-AU	58	38	123	6.6	43

BAR SAND RESOURCES

FILE # 84-2944

PAGE 5

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
3W 1+00N	41	7	62	.2	7
3W 0+50N	20	7	45	.1	5
3W 0+50S	38	9	66	.1	5
3W 1+00S	40	10	70	.2	8
3W 1+50S	41	8	79	.1	7
3W 2+00S	45	10	78	.1	12
3W 2+50S	31	11	71	.1	4
3W 3+00S	38	9	70	.2	9
3W 3+50S	30	8	73	.1	7
3W 4+00S	27	9	61	.2	3
3W 4+50S	22	7	52	.2	4
3W 5+00S	33	8	60	.2	7
2W 5+00N	42	8	59	.2	4
2W 4+50N	33	7	58	.1	8
2W 4+00N	37	8	56	.1	6
2W 3+50N	44	6	74	.3	4
2W 3+00N	45	8	68	.1	9
2W 2+50N	44	8	65	.1	8
2W 2+00N	43	8	64	.1	8
2W 1+50N	36	9	63	.1	8
2W 1+00N	56	7	74	.1	6
2W 0+50N	54	11	74	.2	11
2W 0+50S	40	12	71	.1	5
2W 1+00S	43	11	70	.1	7
2W 1+50S	26	7	58	.2	2
2W 2+00S	30	8	68	.1	2
2W 2+50S	32	9	63	.1	6
2W 3+00S	29	6	65	.2	4
2W 3+50S	33	9	58	.1	7
2W 4+00S	36	9	89	.3	4
2W 4+50S	31	11	83	.3	2
2W 5+00S	31	9	61	.1	5
1W 5+00N	28	10	87	.1	6
1W 4+50N	34	9	70	.3	5
1W 4+00N	29	13	65	.2	9
1W 3+50N	24	8	46	.1	8
1W 3+00N	38	11	65	.1	5
STD C/FA-AU	59	40	124	6.6	39

BAR SAND RESOURCES

FILE # 84-2944

PAGE 6

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
1W 2+50N	47	7	66	.1	8
1W 2+00N	41	6	68	.1	8
1W 1+50N	64	9	70	.1	8
1W 1+00N	57	8	73	.1	12
1W 0+50N	43	8	71	.1	8
1W 0+50S	29	6	57	.1	10
1W 1+00S	32	7	62	.1	9
1W 1+50S	44	8	72	.1	9
1W 2+00S	46	11	69	.2	9
1W 2+50S	42	8	68	.2	9
1W 3+00S	32	8	69	.1	10
1W 3+50S	45	8	69	.1	13
1W 4+00S	22	6	54	.1	5
1W 4+50S	30	7	80	.1	6
1W 5+00S	34	6	61	.2	8
OW 5+00N	44	6	68	.1	9
OW 4+50N	51	8	75	.3	8
OW 4+00N	40	6	52	.1	8
OW 3+50N	50	7	72	.2	8
OW 3+00N	51	9	63	.2	8
OW 2+50N	38	8	51	.1	8
OW 2+00N	64	8	69	.1	11
OW 1+50N	42	8	62	.1	10
OW 1+00N	66	10	76	.1	12
OW 0+50N	42	6	77	.1	11
OW 0+50S	48	7	80	.1	12
OW 1+00S	29	6	59	.1	6
OW 1+50S	37	9	73	.2	6
OW 2+00S	38	8	65	.1	10
OW 2+50S	30	9	84	.1	12
OW 3+00S	30	8	57	.1	9
OW 3+50S	32	4	69	.2	6
OW 4+00S	33	5	68	.2	11
OW 4+50S	26	7	70	.1	7
OW 5+00S	40	7	54	.3	5
1E 5+50S	60	4	69	.1	6
1E 6+00S	57	7	76	.1	10
STD C/FA-AU	59	36	121	6.5	40

BAR SAND RESOURCES

FILE # 84-2944

PAGE 7

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
1E 6+50S	72	10	77	.1	9
1E 7+00S	66	8	81	.1	11
1E 7+50S	51	9	81	.1	9
1E 8+00S	49	8	68	.1	6
1E 8+50S	58	8	73	.2	6
1E 9+00S	51	8	74	.2	10
1E 9+50S	42	9	65	.2	8
1E 10+00S	55	9	85	.1	10
2E 0+50S	53	7	50	.2	5
2E 1+00S	47	8	62	.1	8
2E 1+50S	51	10	73	.1	8
2E 2+00S	47	8	59	.1	4
2E 2+50S	47	8	70	.1	8
2E 3+00S	50	8	69	.1	10
2E 3+50S	47	6	67	.1	8
2E 4+00S	65	8	89	.1	9
2E 4+50S	58	7	70	.1	10
2E 5+00S	51	10	60	.1	8
2E 5+50S	62	8	72	.1	6
2E 6+00S	51	9	73	.1	7
2E 6+50S	60	8	76	.1	9
2E 7+00S	69	10	81	.1	10
2E 7+50S	54	8	87	.2	6
2E 8+00S	51	7	69	.1	6
2E 8+50S	54	9	72	.1	12
2E 9+00S	38	6	70	.1	11
2E 9+50S	51	9	75	.3	10
2E 10+00S	68	12	85	.3	13
3E 5+50S	68	8	68	.2	12
3E 6+00S	59	7	72	.1	8
3E 6+50S	56	9	69	.2	7
3E 7+00S	62	8	70	.1	6
3E 7+50S	70	8	78	.1	11
3E 8+00S	60	11	73	.1	12
3E 8+50S	40	9	65	.1	10
3E 9+00S	32	8	56	.1	7
3E 9+50S	29	5	50	.3	8
STD C/FA-AU	61	38	124	6.3	42

BAR SAND RESOURCES

FILE # 84-2944

PAGE 8

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
3E 10+00S	42	7	87	.2	11
4E 0+50S	25	5	58	.3	4
4E 1+00S	70	11	148	.2	9
4E 1+50S	34	6	55	.2	3
4E 2+00S	34	6	57	.1	8
4E 2+50S	43	4	58	.2	3
4E 3+00S	40	6	62	.2	7
4E 3+50S	18	6	37	.2	5
4E 4+00S	39	6	55	.2	8
4E 4+50S	40	5	60	.1	3
4E 5+00S	39	5	61	.1	5
4E 5+50S	50	8	54	.1	4
4E 6+00S	31	5	45	.1	7
4E 6+50S	38	9	57	.1	6
4E 7+00S	36	9	56	.1	8
4E 7+50S	37	5	75	.1	8
4E 8+00S	36	7	65	.1	7
4E 8+50S	30	9	66	.1	7
4E 9+00S	32	7	76	.1	4
4E 9+50S	39	8	77	.2	6
4E 10+00S	34	8	81	.2	6
5E 0+50S	43	5	57	.1	5
5E 1+00S	38	8	62	.1	2
5E 1+50S	27	9	41	.3	3
5E 2+00S	38	4	59	.2	9
5E 2+50S	41	9	59	.2	6
5E 3+00S	28	6	55	.1	6
5E 3+50S	36	8	55	.2	8
5E 4+00S	32	6	55	.2	4
5E 4+50S	21	7	41	.2	4
5E 5+00S	24	2	38	.2	6
5E 5+50S	43	4	59	.1	5
5E 6+00S	42	6	48	.1	4
5E 6+50S	78	8	78	.1	11
5E 7+00S	56	6	61	.1	7
5E 7+50S	47	5	58	.1	8
5E 8+00S	35	7	69	.2	5
STD C/FA-AU	58	39	121	6.5	41

BAR SAND RESOURCES

FILE # 84-2944

PAGE 9

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
5E 8+50S	39	9	57	.1	5
5E 9+00S	39	6	64	.1	3
5E 9+50S	34	6	64	.3	5
5E 10+00S	27	9	63	.1	5
6E 0+50S	25	5	53	.1	6
6E 1+00S	21	10	43	.2	2
6E 1+50S	27	6	55	.1	4
6E 2+00S	28	7	54	.1	9
6E 2+50S	31	10	54	.1	9
6E 3+00S	37	7	59	.1	3
6E 3+50S	28	8	54	.1	5
6E 4+00S	25	9	42	.1	3
6E 4+50S	24	8	38	.1	4
6E 5+00S	26	7	48	.1	5
6E 5+50S	17	8	31	.1	4
6E 6+00S	42	8	55	.1	9
6E 6+50S	68	8	67	.1	12
6E 7+00S	59	9	69	.1	9
6E 7+50S	42	9	59	.1	3
6E 8+00S	50	9	72	.1	8
6E 8+50S	63	9	74	.2	11
6E 9+00S	57	11	77	.1	10
6E 9+50S	39	8	77	.1	3
6E 10+00S	33	11	73	.1	7
7E 0+50S	23	8	42	.3	3
7E 1+00S	34	9	62	.1	7
7E 1+50S	33	8	59	.1	7
7E 2+00S	28	4	51	.1	6
7E 2+50S	28	7	57	.1	5
7E 3+00S	30	7	57	.1	5
7E 3+50S	35	8	63	.1	10
7E 4+00S	23	11	52	.1	9
7E 4+50S	43	7	63	.1	7
7E 5+00S	40	7	61	.1	10
7E 5+50S	18	10	27	.1	5
7E 6+00S	57	11	65	.1	11
7E 6+50S	85	12	71	.1	13
STD C/FA-AU	59	41	125	6.5	40

BAR SAND RESOURCES

FILE # 84-2944

PAGE 10

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
7E 7+00S	75	9	111	.1	10
7E 7+50S	37	7	62	.1	8
7E 8+00S	38	10	58	.1	8
7E 8+50S	40	8	64	.1	4
7E 9+00S	43	11	97	.1	14
7E 9+50S	42	11	79	.1	5
7E 10+00S	32	11	77	.1	7
8E 0+50S	35	8	68	.1	5
8E 1+00S	31	9	68	.1	5
8E 1+50S	27	6	62	.1	7
8E 2+00S	27	8	48	.1	5
8E 2+50S	27	8	52	.1	6
8E 3+00S	24	8	59	.1	5
8E 3+50S	33	10	68	.1	8
8E 4+00S	35	6	59	.1	7
8E 4+50S	25	6	56	.1	5
8E 5+00S	27	8	49	.1	11
8E 5+50S	36	11	59	.1	2
8E 6+00S	34	12	50	.1	13
8E 6+50S	38	12	65	.1	11
8E 7+00S	163	10	66	.2	10
8E 7+50S	32	10	53	.1	6
8E 8+00S	42	8	76	.1	10
8E 8+50S	29	11	62	.1	7
8E 9+00S	32	10	52	.1	4
8E 9+50S	36	14	73	.2	11
8E 10+00S	32	6	82	.2	6
9E 2+00S	36	9	63	.1	10
9E 2+50S	45	9	68	.1	11
9E 3+00S	26	9	44	.2	6
9E 3+50S	48	10	88	.2	10
9E 4+00S	46	7	65	.1	14
9E 4+50S	38	7	56	.1	8
9E 5+00S	41	7	57	.1	6
STD C/FA-AU	58	40	126	6.6	41

BAR SAND RESOURCES

FILE # 84-2944

PAGE 11

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
9E 5+50S	56	9	65	.3	6
9E 6+00S	43	9	64	.2	8
9E 6+50S	49	7	51	.2	7
9E 7+00S	68	10	67	.2	10
9E 7+50S	58	8	71	.1	5
9E 8+00S	53	9	74	.2	7
9E 8+50S	46	5	66	.2	6
9E 9+00S	31	7	62	.1	3
9E 9+50S	40	4	60	.1	2
9E 10+00S	50	9	76	.1	8
10E 2+50S	50	7	62	.2	2
10E 3+00S	45	9	56	.1	6
10E 3+50S	22	6	42	.1	4
10E 4+00S	40	7	62	.1	5
10E 4+50S	41	8	59	.1	5
10E 5+00S	41	9	61	.1	8
10E 5+50S	18	6	43	.1	9
10E 6+00S	47	9	61	.1	4
10E 6+50S	63	9	68	.2	8
10E 7+00S	82	12	84	.1	11
10E 7+50S	50	11	70	.2	8
10E 8+00S	43	9	88	.3	6
10E 8+50S	46	8	70	.3	8
10E 9+00S	55	6	70	.3	4
10E 9+50S	52	8	74	.2	7
10E 10+00S	40	6	55	.1	3
BL 10+00W	37	10	77	.2	6
BL 9+50W	35	8	81	.2	3
BL 9+00W	58	10	84	.2	7
BL 8+50W	40	7	72	.1	5
BL 8+00W	38	7	62	.2	6
BL 7+50W	53	9	75	.2	12
BL 7+00W	54	9	74	.1	9
STD C/FA-AU	59	39	123	6.5	37

BAR SAND RESOURCES

FILE # 84-2944

PAGE 12

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
BL 6+50W	52	10	76	.2	5
BL 6+00W	54	11	88	.2	7
BL 5+50W	58	11	85	.1	7
BL 5+00W	52	8	80	.1	9
BL 4+50W	55	9	84	.1	8
BL 4+00W	56	13	89	.2	8
BL 3+50W	50	9	78	.1	6
BL 3+00W	42	11	71	.1	10
BL 2+50W	64	10	92	.1	9
BL 2+00W	50	11	68	.1	7
BL 1+50W	49	10	83	.1	10
BL 1+00W	65	14	89	.1	12
BL 0+50W	66	13	95	.2	11
BL 0+00W	40	9	80	.1	4
STD C/FA-AU	58	39	122	6.6	37

VLF - EM Geophysical Surveys

Electromagnetic geophysical surveys were conducted over both Grid "A" and Grid "B" by Mr. G.S. Davidson using a Ronk EM 16 unit. Stations were located at 25 meter separation on lines 100 meters apart and the signal modification for Seattle, Washington and Cutler, Maine was recorded.

Results of the VLF - EM surveys are depicted in Figures 5 to 12. Separate maps are provided for each grid with raw dip angle data and Fraser Filtered data.

VLF - EM surveys have proven effective in the Surprise Lake camp, and can be invaluable when used in conjunction with careful geochemical and geological techniques. The 1984 survey delineated several strong anomalies in the MB9, MB10 and MB11 property; these conductors are discussed in the context of the entire program in the conclusion to this report.

CONCLUSIONS

The geochemical and geophysical surveys performed in 1984 outline several anomalous areas on the Barsand Resources Inc. property; three anomalous features appear on each of Grid "A" and Grid "B". Of these, three have strongly coincident geochemical and geophysical responses, the others are geochemical features with weak or minimal geophysical confirmation.

Grid "A"

The Seattle VLF - EM response on Grid "A" was fairly spotty and erratic, but a few definite trends appeared in the survey. The strongest feature was located near 5 + 00 E by 1 + 50 S extending in an arcuate band to 3 + 00 E by 1 + 00 S with a peak at 4 + 00 E by 0 + 50 S. Other conductors on this frequency were weak, but displayed a consistent northwesterly trend. The Cutler, Maine response was a bit more defined on this grid, with a long sinuous conductor extending from 9 + 00 E by 2 + 50 S to 1 + 00 E by 2 + 00 S. A small bullseye type feature occurs at 4 + 00 E by 0 + 50 S, coincident with the best Seattle anomaly. Smaller conductors in the southern part of the grid show the same general northwesterly trend seen in the Seattle frequency. Both Seattle and Maine have the start of a strong anomaly developing in the extreme southwest corner, truncated by the edges of the survey. The feature with the best geochemical coincidence is the smaller arcuate band in the extreme northern portion of the grid. This has a Zn anomaly of 148 ppm centered at 4 + 00 E by 1 + 00 S, just slightly south of the VLF maximum.

The southwestern corner of the "A" Grid has a fairly well developed anomaly extending from 3 + 00 E by 10 + 00 S to 1 + 00 E by 9 + 00 S. Geochemical values in the area range up to 87 ppm An, 0.3 ppm Ag and 13 ppm As.

The third anomaly in the "A" Grid appears at 7 + 00 E by 6 + 50 S to 10 + 00 E by 7 + 00 S on the weakening eastern end of a VLF conductor. Pb values of 12 ppm and Zn values to 88 ppm coincide with the VLF - EM trace.

Grid "B"

The Seattle VLF - EM response is strong with a well defined conductor extending from 10 + 00 W by 1 + 50 N to 2 + 00 W by 2 + 50 N, with a peak value at 8 + 00 W by 1 + 50 N. Smaller subparallel conductors occur in this northern portion of the grid but lack continuity. A northwesterly trending linear appears in the southern portion of the grid. The Maine VLF - EM shows a strongly coincident conductor in the northern portion of the grid, but the southern area has a series of small conductors orthogonal to the northwesterly trend. This could be a function of grid spacing that may resolve with closer station intervals.

The best coincident geochemical target is developed on the northern most conductor with a Zn high of 137 ppm and Pb value of 15 ppm developed at 10 + 00 W by 0 + 50 N, slightly south of the conductor axis. A smaller anomaly occurs on the eastern end of the conductor with Ag value of 0.4 ppm located at 4 + 00 W by 2 + 50 N.

The second anomaly in the "B" Grid occurs at 8 + 00W by 4 + 00 N where a value of 113 ppm Zn and 0.7 ppm Ag occur over a weak VLF - EM conductor.

The final anomaly in the "B" grid is a geochemical feature only, with Pb values to 16 ppm, Zn to 110 ppm and As to 21 ppm developed at 10 + 00 W near 3 + 00 to 3 + 50 S.

These six anomalies should be investigated in future explorations of the property. Small scale grids should be stepped out around each of the anomalies with lines spaced 25 meters apart and station intervals of 10 meters. VLF - EM surveys should be conducted over these mini-grids and soil samples collected and analysed for Au, Hg, As and Zn as these are the elements that seem to best reflect potential mineralization in this area. A series of bulk soil samples should be taken from the center of each anomaly (i.e. 25 kilograms) to be panned and analysed for Au values.

The property grid should be extended at the present density to explore the southwestern extension of "A" Grid and the western extension of the principal, northern anomaly of the "B" Grid. VLF - EM and soil samples should be continued at the present density on this portion of the property.

A program of detailed float mapping should be initiated on the property grids to better define the location of the chert / ultramafic contact, and a systematic reconnaissance of the remaining areas of the property should be undertaken.

None of the anomalies developed to date on the property warrant expensive bulldozer trenching or diamond drilling but it is highly likely that the primary followup work as detailed above will indicate such targets.

The Barsand Resources Inc. property is a viable exploration target with an excellent probability of success.

CERTIFICATE

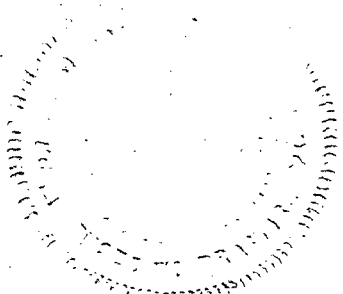
I, Randall Stewart Rogers, of the City of Whitehorse in the Yukon Territory, DO HEREBY CERTIFY:

1. THAT I am a consulting professional geologist with offices situate at 32 Marion Crescent, Whitehorse, Yukon Territory;
2. THAT I am a Professional Geologist (P.Geol.) licenced by the Association of Professional Engineers, Geologists and Geophysicists of Alberta;
3. THAT I am a graduate of the University of British Columbia with the degree of Bachelor of Science in Geology (Honours);
4. THAT I am a graduate of Queen's University at Kingston, Ontario with the degree of Master of Science in Mineral Exploration;
5. THAT I am a member of the Canadian Institute of Mining and Metallurgy;
6. THAT I am a member of the Geological Association of Canada;
7. THAT I have personally examined the property now covered by the MB9, MB10 and MB11 mineral claims on the 25 - 27th days of September, 1984;
8. THAT I have no interest, direct or indirect, in any of the securities or properties of Barsand Resources Inc. and do not expect to recieve or acquire any;
9. THAT I consent to this use of this report for the purposes of financing or other such use as may be determined by the directors of Barsand Resources Inc.

DATED at the City of Vancouver, British Columbis this 14th day of November, A.D. 1984



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



85-217

3-2974
Morley Barker

MBW Surveys Ltd.
Survey and Exploration Services
#5 Teak Avenue
Whitehorse, Yukon
Y1A 4W5

OCT 1 1984

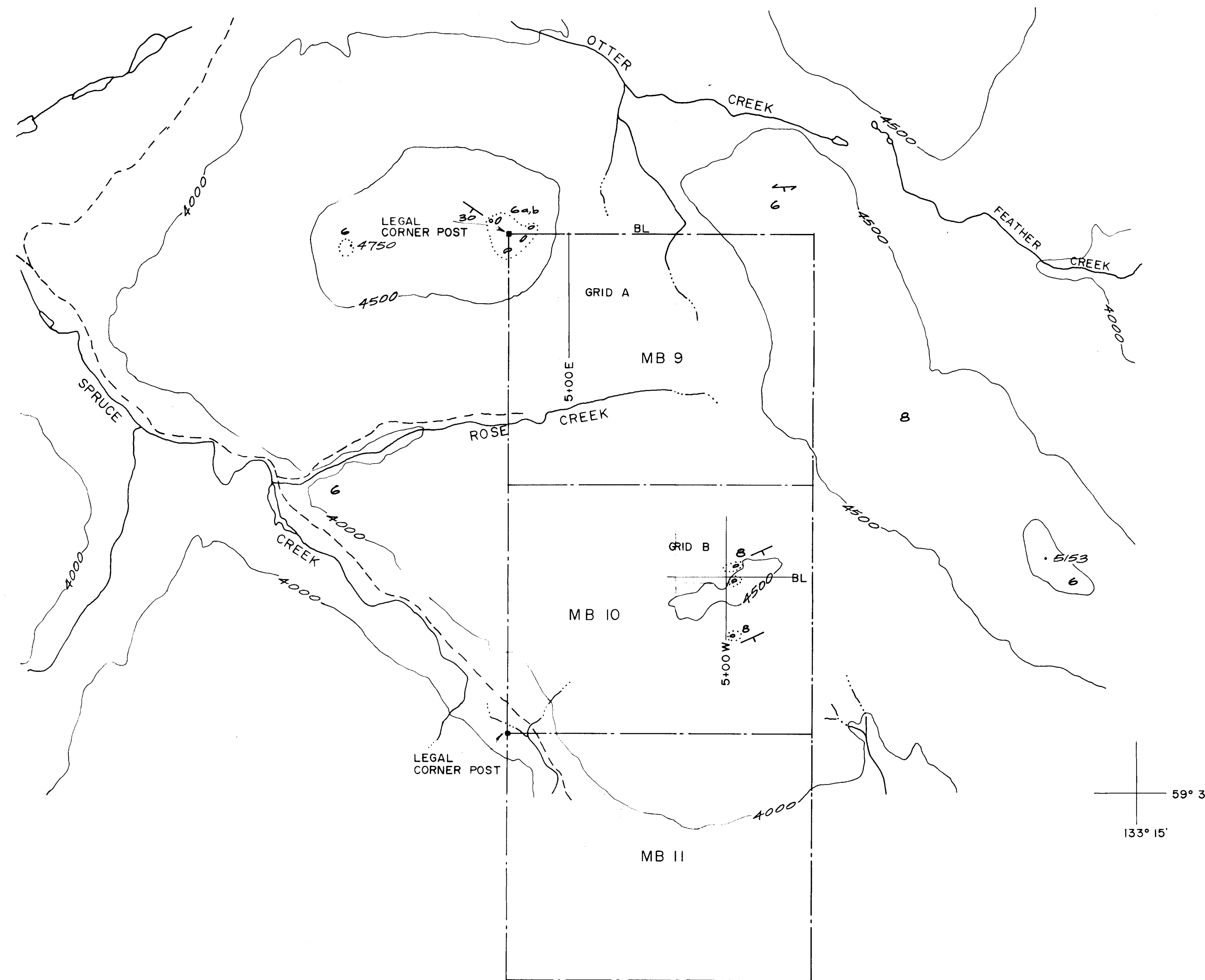
FORT KNOX MINERALS LTD.
2000-609 GRANVILLE ST.
BOX 10336 STOCK EXCHANGE TOWER
VANCOUVER B.C.
V7Y 1A1

ATTN FRANK ANDERSON
RE ATLIN CLAIM GROUP MB 6-8

22 KM OF GRID LINES AND SOIL SAMPLES AND VLF SURVEY @ \$650.00 PER KM	\$14300.00
GEOLOGIST REPORT	2000.00
DRAUGHTING OF GEOPHYSICAL PLANS	1700.00
TOTAL COSTS	\$18000.00

THANK YOU

MORLEY BARKER



LEGEND

- 6. CHERT, ARGILLITE, CHERT PEBBLE CONGLOMERATE AND CHERT BRECCIA, (6b) DERIVED QUARTZITE (6a), AND SCHIST (6c)
- 7. ANDESITE TUFF AND ANDESITE
- 8. LIMESTONE AND LIMESTONE BRECCIA

BEDDING (INCLINED)

SCHISTOSITY (INCLINED)

OUTCROP

CONTACT (DEFINED, ASSUMED)

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,615

ROGERS EXPLORATION SERVICES LTD
WHITEHORSE YUKON TERRITORY

REVISIONS		

BARSANDS RESOURCES INC.
VANCOUVER B.C.

CLAIM BOUNDARIES, GRID LOCATION
GEOLOGY

SURVEY BY	G. DAVIDSON
DRAWN BY	W.K. Briggs
DATE	Oct./84
SCALE	1:2500
N.T.S.	10411/W

DRAWING NO.

2

MB 6	MB 8	L 1+00E	L 2+00E	L 3+00E	L 4+00E	L 5+00E	L 6+00E	L 7+00E	L 8+00E	L 9+00E	L 10+00E	BL 0+00
TR 5	MB 9	53 7 50 .2 5		25 5 58 .3 4	43 5 57 .1 5	25 5 53 .1 6	23 8 42 .3 3	35 8 68 .1 5				
		47 8 62 .1 8		70 11 148 .2 9	38 8 62 .1 2	21 10 43 .2 2	34 9 62 .1 7	31 9 68 .1 5				
		51 10 73 .1 8		34 6 55 .2 3	27 9 41 .3 3	27 6 55 .1 4	33 8 59 .1 7	27 6 62 .1 7				
		47 8 59 .1 4		34 6 57 .1 8	38 4 59 .2 9	28 7 54 .1 9	28 4 51 .1 6	27 8 48 .1 5	36 9 63 .1 10			
		47 8 70 .1 8		43 4 58 .2 3	41 9 59 .2 6	31 10 54 .1 9	28 7 57 .1 5	27 8 52 .1 6	45 9 68 .1 11	50 7 62 .2 2		
		50 8 69 .1 10		40 6 62 .2 7	28 6 55 .1 6	37 7 59 .1 3	30 7 57 .1 5	24 8 59 .1 5	26 9 44 .2 6	45 9 56 .1 6		
		47 6 67 .1 8		18 6 37 .2 5	36 8 55 .2 8	28 8 54 .1 5	35 8 63 .1 10	33 10 68 .1 8	48 10 88 .2 10	22 6 42 .1 4		
		65 8 89 .1 9		39 6 55 .2 8	32 6 55 .2 4	25 9 42 .1 3	23 11 52 .1 9	35 6 59 .1 7	46 7 65 .1 14	40 7 62 .1 5		
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		51 10 60 .1 8		39 5 61 .1 5	24 2 38 .2 6	26 7 48 .1 5	40 7 61 .1 10	27 8 49 .1 11	41 7 57 .1 6	41 9 61 .1 8	5+00S	
		60 4 69 .1 6	62 8 72 .1 6	68 8 68 .2 12	50 8 54 .1 4	43 4 59 .1 5	17 8 31 .1 4	18 10 27 .1 5	36 11 59 .1 2	56 9 65 .3 6	18 6 43 .1 9	
		57 7 76 .1 10	51 9 73 .1 7	59 7 72 .1 8	31 5 45 .1 7	42 6 48 .1 4	42 8 55 .1 9	57 11 65 .1 11	34 12 50 .1 13	43 9 64 .2 8	47 9 61 .1 4	
		72 10 77 .1 9	60 8 76 .1 9	56 9 69 .2 7	38 9 57 .1 6	78 8 78 .1 11	68 8 67 .1 12	85 12 71 .1 13	38 12 65 .1 11	49 7 51 .2 7	63 9 68 .2 8	
		66 8 81 .1 11	69 10 81 .1 10	62 8 70 .1 6	36 9 56 .1 8	56 6 61 .1 7	59 9 69 .1 9	75 9 111 .1 10	163 10 66 .2 10	68 10 67 .2 10	82 12 84 .1 11	
		51 9 81 .1 9	54 8 87 .2 6	70 8 78 .1 11	37 5 75 .1 8	47 5 58 .1 8	42 9 59 .1 3	37 7 62 .1 8	32 10 53 .1 6	58 8 71 .1 5	50 11 70 .2 8	
		49 8 68 .1 6	51 7 69 .1 6	60 11 73 .1 12	36 7 65 .1 7	35 7 69 .2 5	50 9 72 .1 8	38 10 58 .1 8	42 8 76 .1 10	53 9 74 .2 7	43 9 88 .3 6	
		58 8 73 .2 6	54 9 72 .1 12	40 9 65 .1 10	30 9 66 .1 7	39 9 57 .1 5	63 9 74 .2 11	40 8 64 .1 4	29 11 62 .1 7	46 5 66 .2 6	46 8 70 .3 8	
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		42 9 65 .2 8	51 9 75 .3 10	29 5 50 .3 8	39 8 77 .2 6	34 6 64 .3 5	39 8 77 .1 3	42 11 79 .1 5	36 14 73 .2 11	40 4 60 .1 2	52 8 74 .2 7	
		55 9 85 .1 10	68 12 85 .3 13	42 7 87 .2 11	34 8 81 .2 6	27 9 63 .1 5	33 11 73 .1 7	32 11 77 .1 7	32 6 82 .2 6	50 9 76 .1 8	40 6 55 .1 3	10+00S



LEGEND

L 1+00E

Cu Pb Zn Ag As
ppm ppm ppm ppm ppm

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,615

ROGERS EXPLORATION SERVICES LTD.
WHITEHORSE YUKON TERRITORY

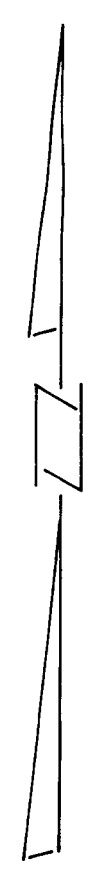
REVISIONS		

BARSANDS RESOURCES INC.
VANCOUVER B.C.
SOIL GEOCHEMISTRY - GRID A

SURVEY BY G. DAVIDSON
DRAWN BY P. HICKMAN
DATE SEPT 1/84
SCALE 1:2500
N.T.S. 10411/W

DRAWING NO. 3

	L 10+00 W	L 9+00 W	L 8+00 W	L 7+00 W	L 6+00 W	L 5+00 W	L 4+00 W	L 3+00 W	L 2+00 W	L 1+00 W	L 0+00																								
39 9 67	.2 7	47 10 72	.1 12	46 5 67	.1 7	36 3 82	.1 4	34 6 59	.5 9	22 9 61	.2 2	38 9 66	.2 9	33 7 62	.2 9	42 8 59	.2 4	28 10 87	.1 6	44 6 68	.1 9	5+00 N													
44 10 72	.3 8	50 6 70	.1 8	50 5 75	.1 7	40 3 60	.2 8	20 11 35	.2 2	32 6 54	.1 5	26 4 57	.1 7	41 7 77	.1 4	33 7 58	.1 8	34 9 70	.3 5	51 8 75	.3 8														
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46 9 82	.1 3	64 10 88	.1 10	36 6 65	.1 6	50 5 84	.1 9	42 8 68	.1 7	31 7 53	.1 7	46 6 64	.4 9	43 6 76	.2 7	44 8 65	.1 8	47 7 66	.1 8	38 8 51	.1 8														
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43 12 85	.1 8	37 9 86	.1 7	48 6 75	.1 11	50 5 71	.1 8	50 9 83	.1 9	38 9 66	.1 14	38 5 62	.2 8	38 9 66	.1 5	40 12 7	.1 5	29 6 57	.1 10	48 7 80	.1 12														
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LEGEND

L 10+00 W

Cu Pb Zn Ag As
ppm ppm ppm ppm ppm

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,615

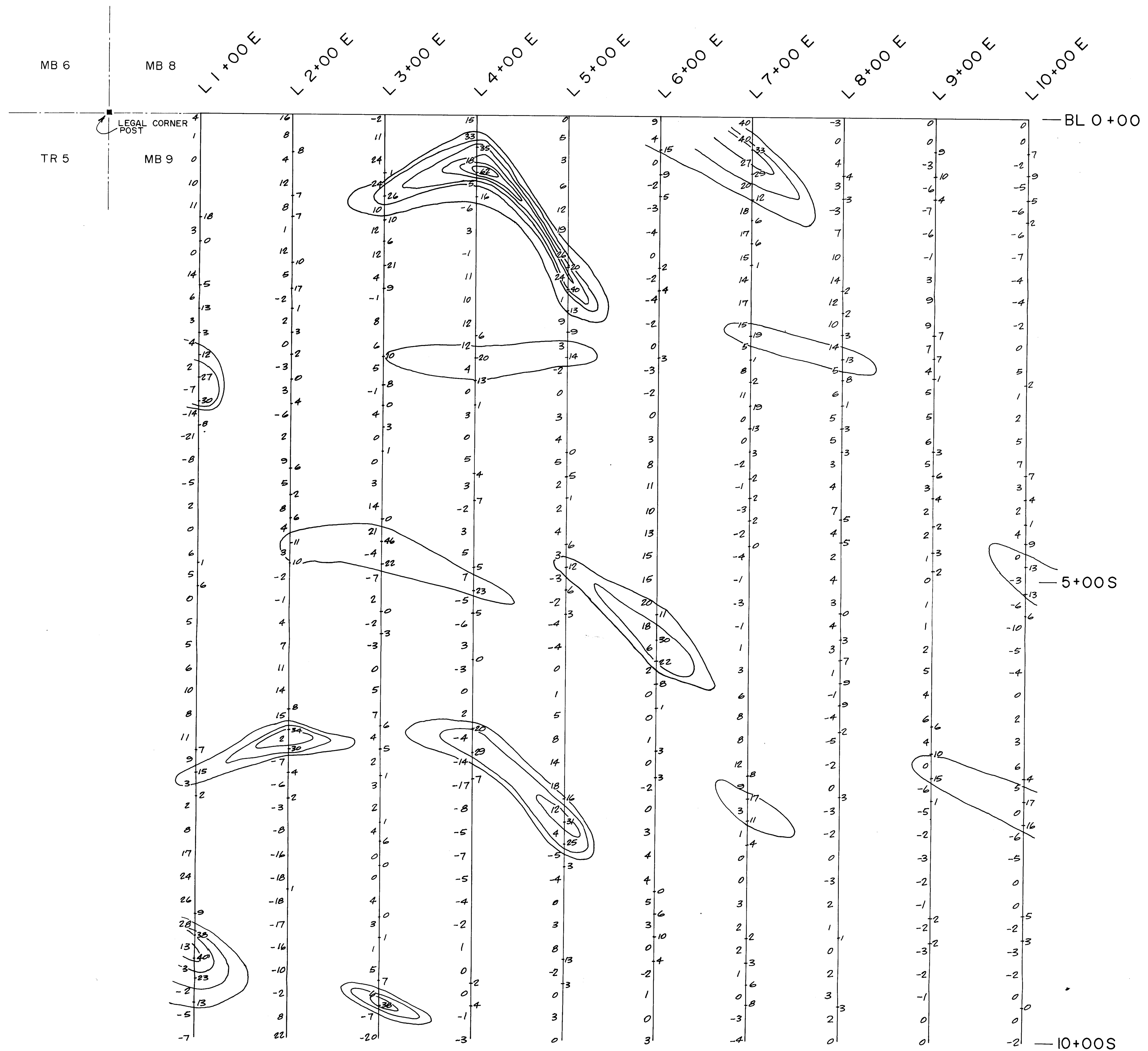
ROGERS EXPLORATION SERVICES LTD.
WHITEHORSE YUKON TERRITORY

REVISIONS		

BARSANDS RESOURCES INC.
VANCOUVER B.C.
SOIL GEOCHEMISTRY - GRID B

SURVEY BY: G. DAVIDSON
DRAWN BY: P. HICKMAN
DATE: SEPT / 84
SCALE: 1:2500
N.T.S. 10411 / W

DRAWING NO.
4



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,615

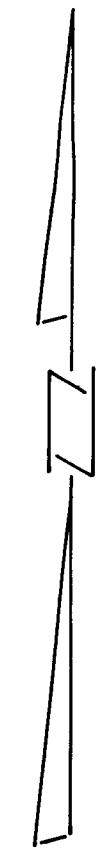
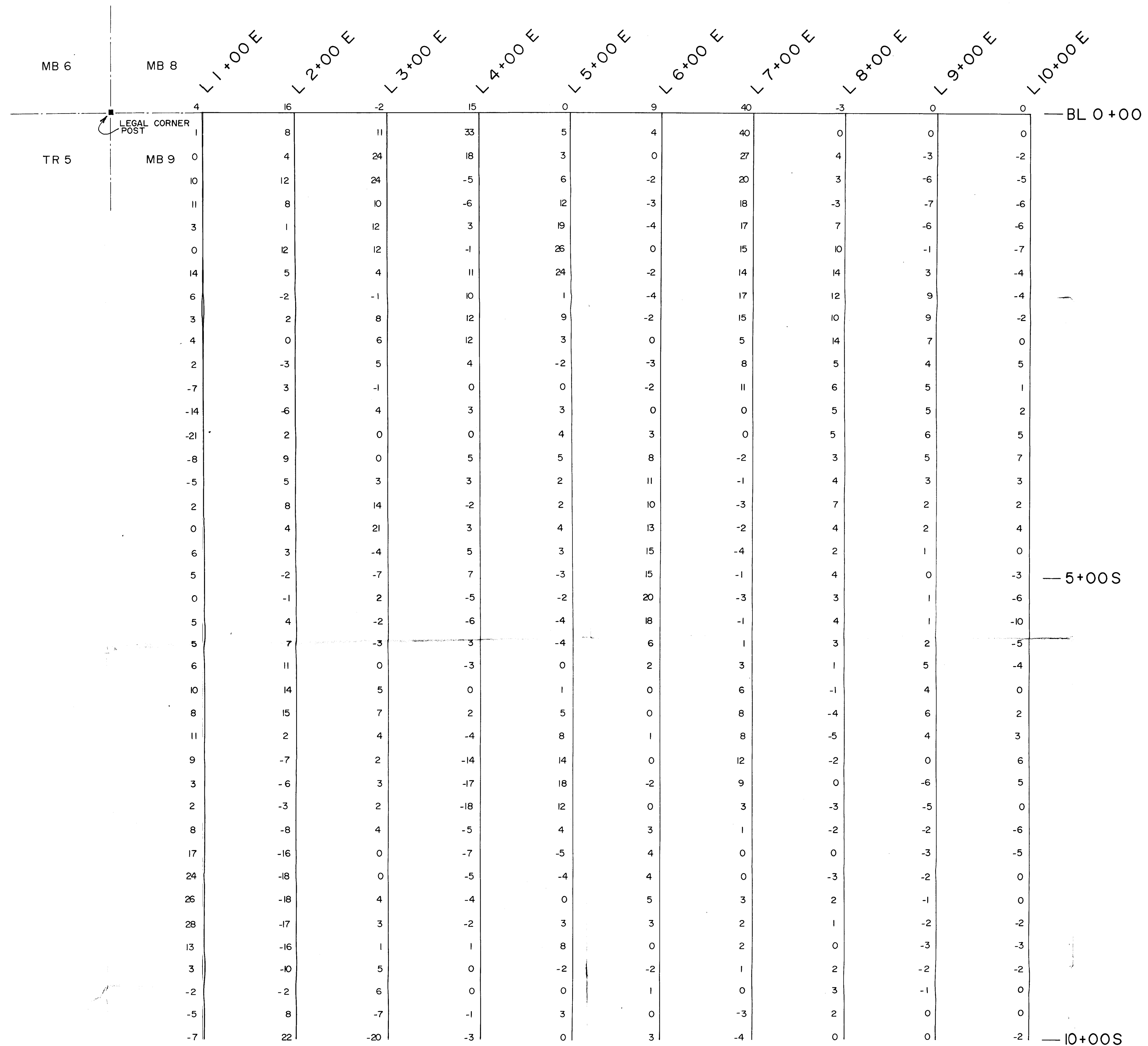
ROGERS EXPLORATION SERVICES LTD.
WHITEHORSE YUKON TERRITORY

REVISIONS		

BARSANDS RESOURCES INC.
VANCOUVER B.C.
V.L.F. E.M. SURVEY GRID A
RONKA E.M. 16 SEATTLE
FRASER FILTERED

SURVEY BY G. Davidson
DRAWN BY W.K. Briggs
DATE SEPT/84
SCALE 1:2500
N.T.S. 10411/W

DRAWING NO. 6



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,615

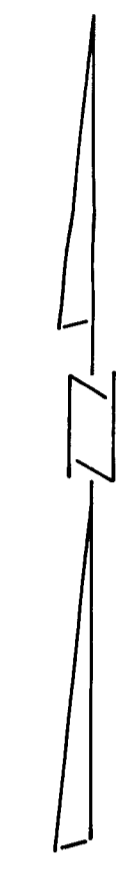
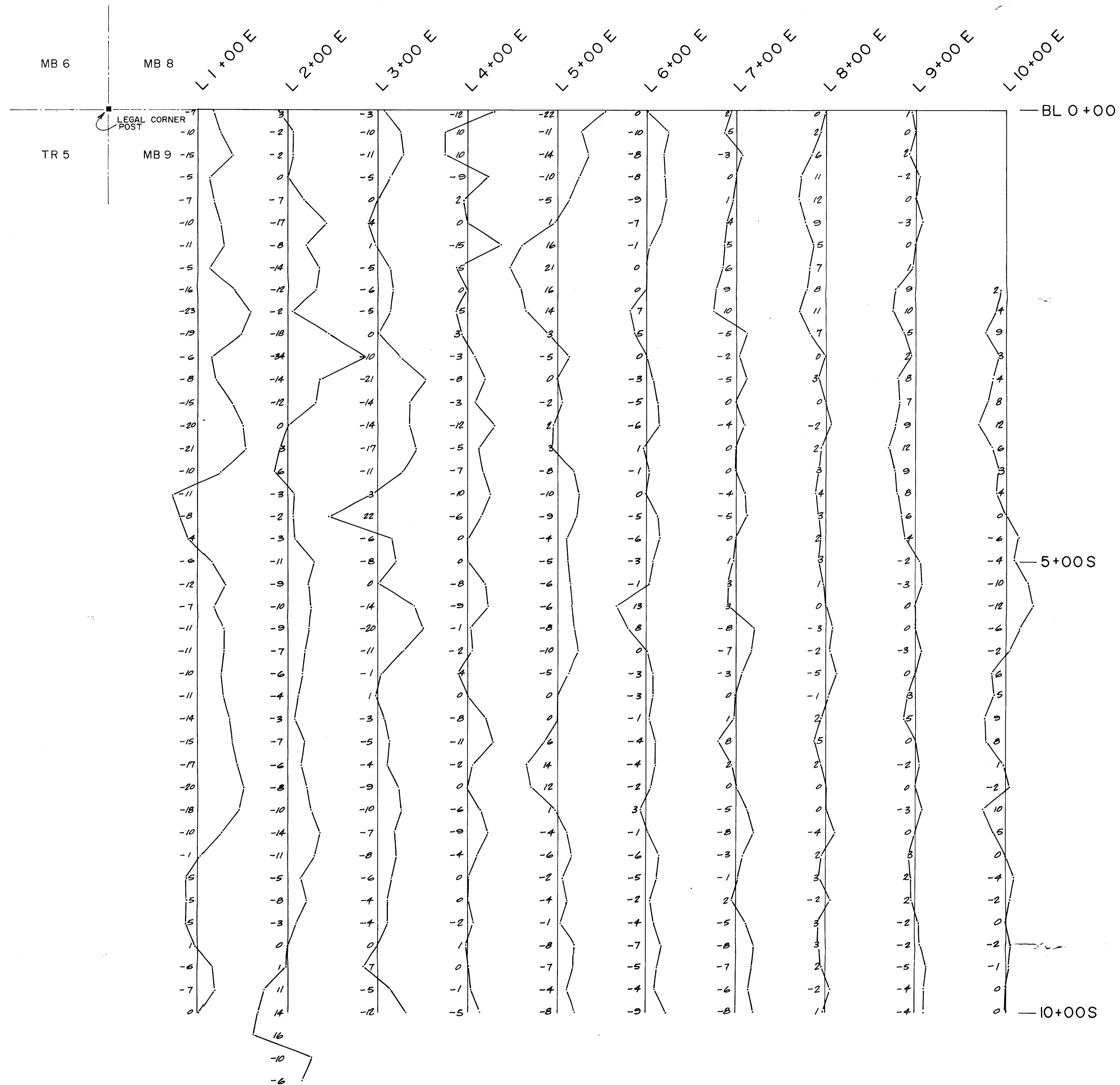
ROGERS EXPLORATION SERVICES LTD.
WHITEHORSE YUKON TERRITORY

REVISIONS		

BARSANDS RESOURCES INC.
VANCOUVER B.C.
VLF-EM SURVEY - GRID A
RONKA EM 16 SEATTLE

SURVEY BY *G. DAVIDSON*
DRAWN BY *PHICKMAN*
DATE *SEPT/84*
SCALE 1:2500
N.T.S. 10411/W

DRAWING NO.
5



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,615

ROGERS EXPLORATION SERVICES LTD.
WHITEHORSE YUKON TERRITORY

REVISIONS		

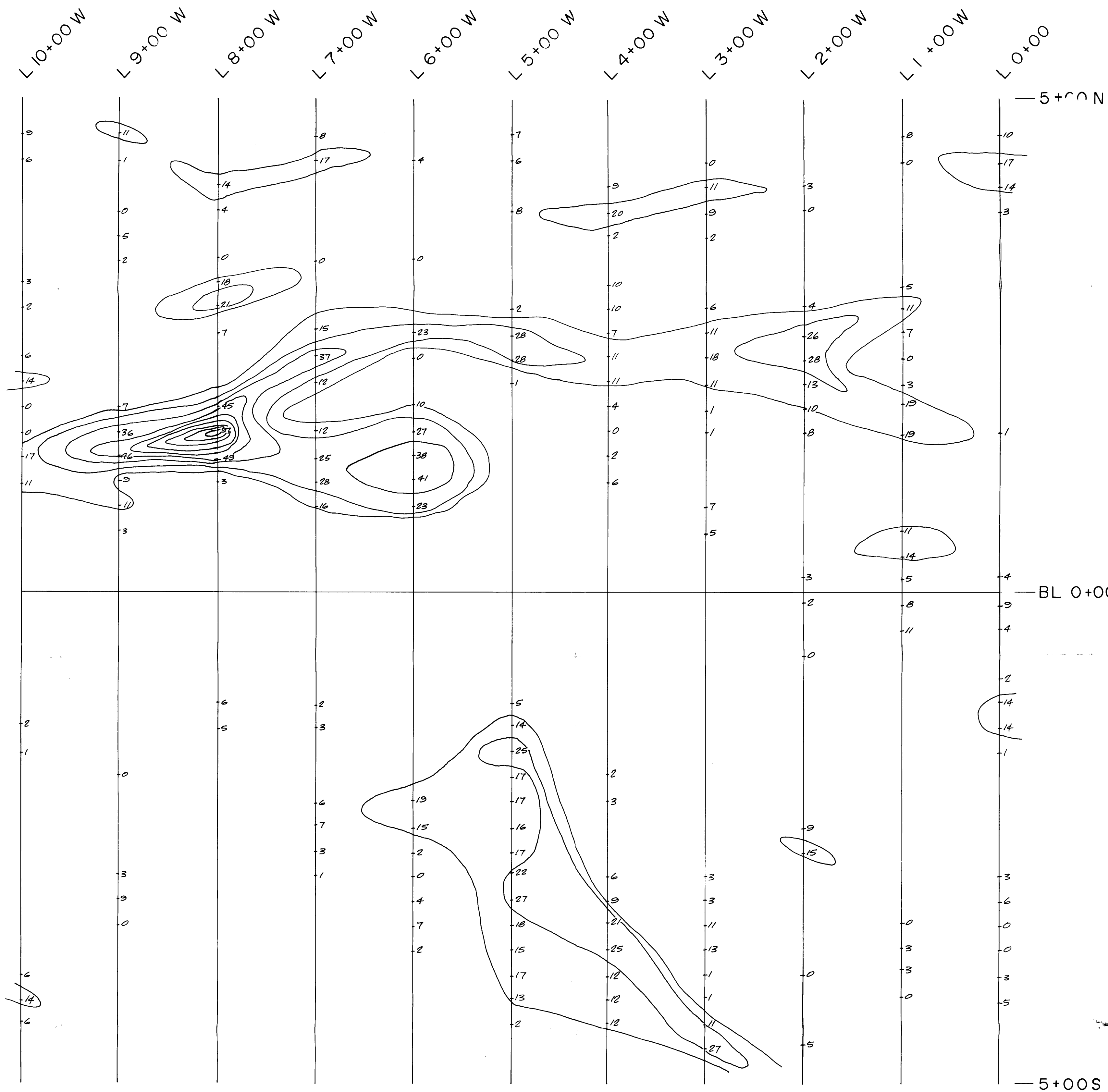
BARSANDS RESOURCES INC.
VANCOUVER B.C.

V.L.F. E.M. SURVEY GRID A
RONKA E.M. 16 MAINE

SURVEY BY	G. DAVIDSON
DRAWN BY	W.K. Briggs
DATE	SEPT/84
SCALE	1:2500
N.T.S.	104117 W

DRAWING NO.

7



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,615

ROGERS EXPLORATION SERVICES LTD.
WHITEHORSE YUKON TERRITORY

REVISIONS	DATE	BY	DESCRIPTION

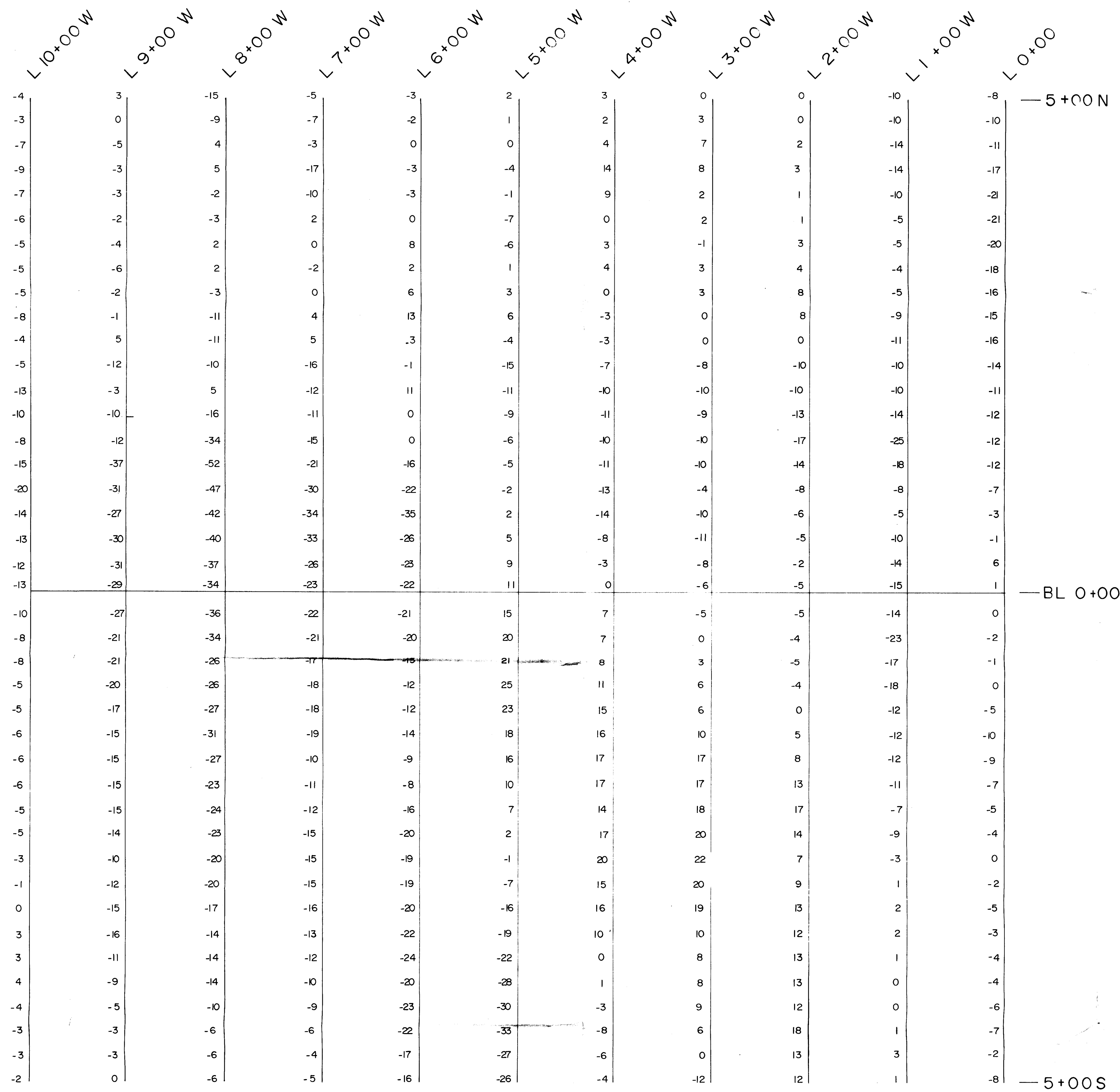
BARSANDS RESOURCES INC.
VANCOUVER B.C.

V.L.F. E.M. SURVEY GRID B
RONKA E.M. 16 SEATTLE
FRASER FILTERED

SURVEY BY	G. DAVIDSON
DRAWN BY	W.K. Briggs
DATE	SEPT / 84
SCALE	1:2500
N.T.S.	10411 / W

DRAWING NO.

10



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,615

ROGERS EXPLORATION SERVICES LTD.
WHITEHORSE YUKON TERRITORY

REVISIONS

BARSANDS RESOURCES INC.
VANCOUVER B.C.

VLF - EM SURVEY - GRID B
RONKA EM 16 SEATTLE

SURVEY BY
G. DAVIDSON

DRAWN BY
P. HICKMAN

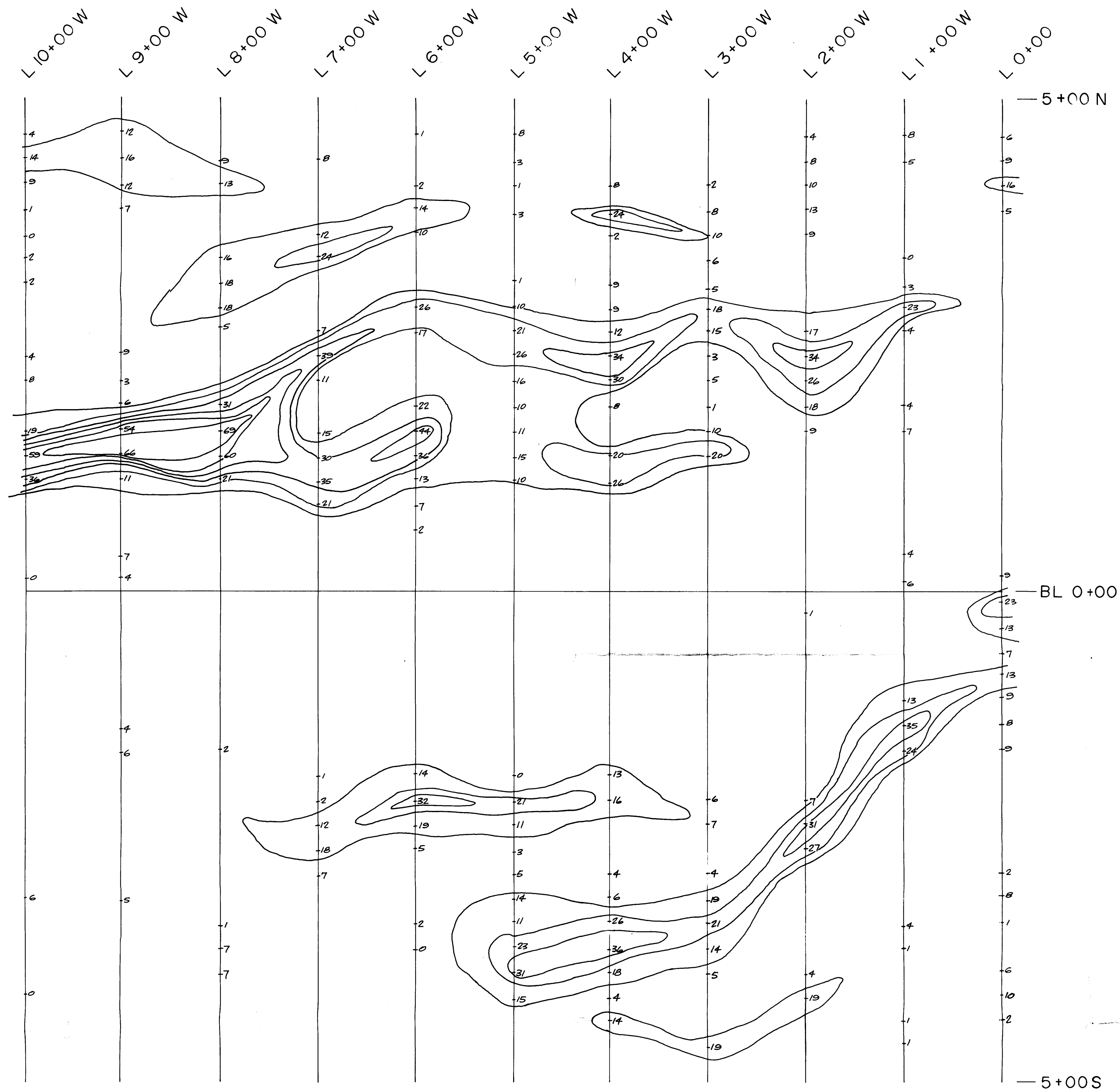
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SEPT 1984

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N.T.S.
10411/W

DRAWING NO.

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

13.615

ROGERS EXPLORATION SERVICES LTD.
WHITEHORSE YUKON TERRITORY

REVISIONS		

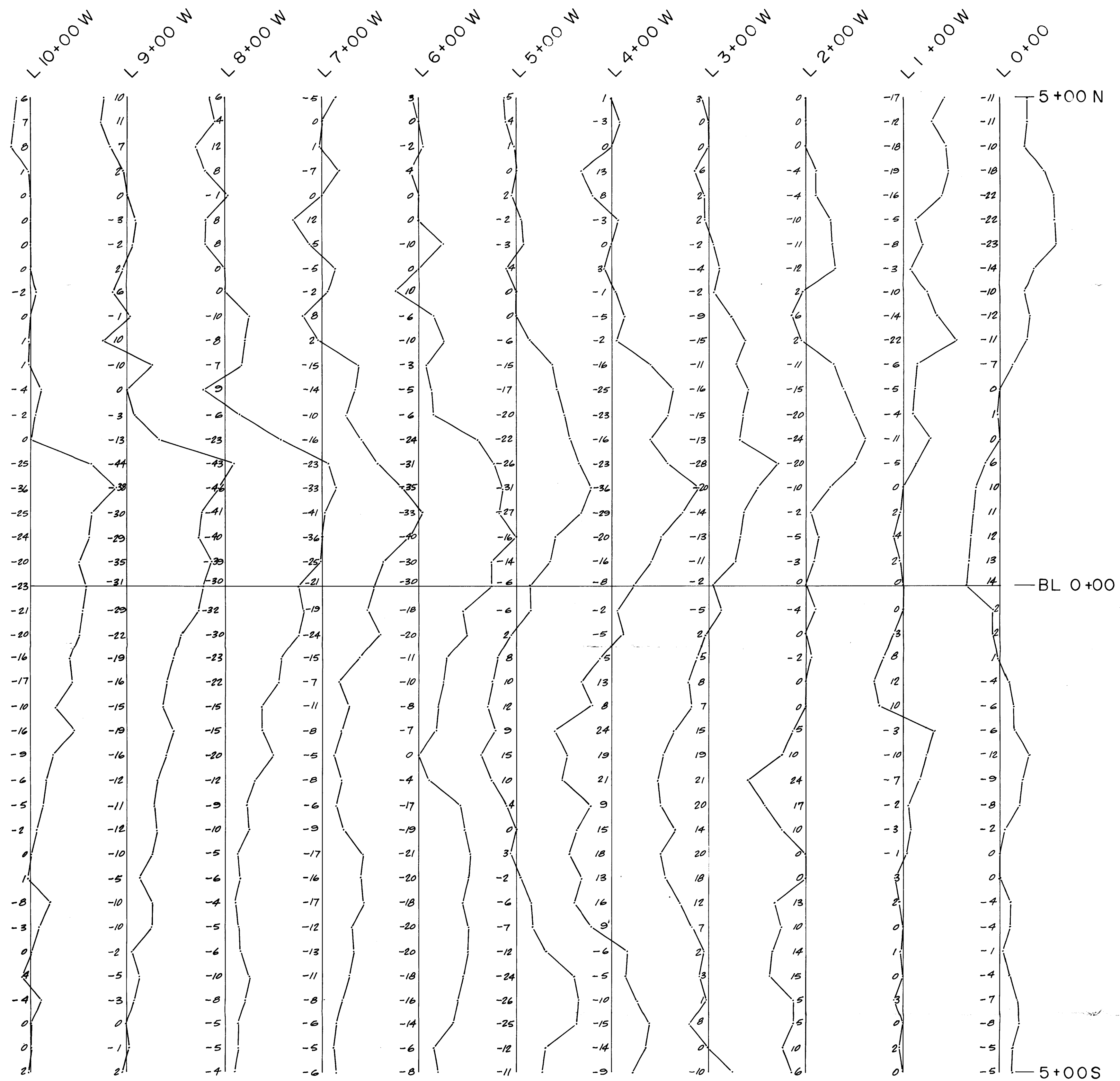
BARSANDS RESOURCES INC.
VANCOUVER B.C.

V.L.F. E.M. SURVEY GRID B
RONKA E.M. 16 MAINE
FRASER FILTERED

SURVEY BY	G. DAVIDSON
DRAWN BY	W.K. Briggs
DATE	SEPT / 84
SCALE	1:2500
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,615

ROGERS EXPLORATION SERVICES LTD.
WHITEHORSE YUKON TERRITORY

REVISIONS

BARSANDS RESOURCES INC.
VANCOUVER B.C.

V.L.F. E.M. SURVEY GRID B
RONKA E.M. 16 MAINE

SURVEY BY
G. DAVIDSON

DRAWN BY
W.K. Briggs

DATE
SEPT/84

SCALE 1:2500
0 50 100 150 200

N.T.S.
10411/W

DRAWING NO.

11