

85-973-14175  
9/86

ASSESSMENT REPORT  
1985 GEOCHEMICAL REPORT ON THE  
ARK 1-7 CLAIMS  
THUTADE LAKE AREA, B.C.

South Toodoggone  
Omineca Mining Division

Latitude 57°05'  
Longitude 126°50'  
N.T.S. ~~92E2~~  
94E2N

for

Ark Energy Ltd.  
810-675 West Hastings Street  
Vancouver, B.C.

by **GEOLOGICAL BRANCH  
ASSESSMENT REPORT**  
Malcolm Bell

October 1985

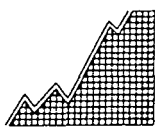
14,175

## TABLE OF CONTENTS

	<u>Page</u>
SUMMARY	1
CONCLUSIONS	2
RECOMMENDATIONS	3
INTRODUCTION	4
Location and Access	4
History	4-5
1985 Program	5
Claims	5
GEOLOGY	6
Regional Geology	6
Property Geology	6-7
SOIL SURVEY	8
REFERENCES	9
STATEMENT OF COST	10
STATEMENT OF QUALIFICATIONS	11
APPENDIX I - Geochemistry Results	

## ILLUSTRATIONS

<u>Figure</u>		<u>After Page</u>
1	Location Map	As Shown 4
2	Claim Map	1:50,000 5
3	Geochemistry, East ½, Figure 3	1:10,000 in pocket
4	Geochemistry, West ½, Figure 4	1:10,000 in pocket
5	Sample Location Plan	1:10,000 in pocket



## SUMMARY

The Ark 1-7 claims, comprising 128 units, are located at the north end of Thutade Lake in the Toodoggone area of northern British Columbia, 260 km north of Smithers.

Reconnaissance mapping indicates the northeastern portion of the property to be underlain by lower Jurassic quartz monzonite, in contact with Takla Group volcanics and sediments, and marble of the Permian Asitka Group, underlying the southeastern portion of the claims. Extensive areas are overburden covered. Depth of overburden is not known.

The 1985 program consisted mainly of soil sampling in three areas on the Ark #2, 4, 5 and 7 claims to further evaluate and extend partially defined anomalies. Geochemical analyses were done on some 485 soil samples which were held over in storage from the 1984 program together with 809 soil samples which were collected in 1985. Samples were analysed for Au, Cu, Pb, Zn, Ag and As.

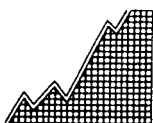
The analytical results indicate high levels of gold in the soils, within which are scattered highly anomalous gold values. These anomalous values are dispersed over a very wide area because of the presence of abundant glacial overburden. A cluster of gold anomalies also occur for 400 metres along a creek trending to the northwest on the Ark #4 claim. Another cluster of anomalies occurs on two parallel lines, 350 metres apart on the Ark #2 claim.

## CONCLUSIONS

Significant Pb, Zn, Ag and Cu mineralization on neighbouring claims in a geological setting similar to that of the Ark property makes the Ark claims a likely location for important mineral occurrences. Anomalous gold values in the soils indicate good potential for precious mineral mineralization.

It is concluded that the soil geochemistry in the lower areas, although indicating the presence of gold, is not definitive enough to outline clearly mineralization in place or possible drill targets. A program of trenching and geophysics will therefore be required to further evaluate this part of the property.

In the higher areas soil geochemistry is more diagnostic in outlining surface and near surface mineralization. Strong gold anomalies on the Ark #2 claim probably reflect mineralization, and therefore warrant further exploration.

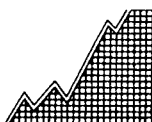


## RECOMMENDATIONS

1. A detailed stream sediment sampling program together with heavy mineral concentrate sampling is the first thing which should be done. This should be concentrated in the low areas, especially on the Ark #4 and #7 claims. Soil sampling should be done on the Ark #2 claim on lines 8N, 9N, 11N and 12N to further define the anomaly indicated on lines 6+50N and 10N
2. Back hoe trenching is justified in the areas of strong gold anomalies in the low areas of Ark #4.
3. Magnetometer and EM survey are also recommended. An airborne survey would be most effective, although more costly than a ground survey.

### Projected Costs are:

Trenching	\$ 5,000.00
Geochemistry and Assays	7,500.00
Magnetometer 15 km @ \$100.00/km (ground)	1,500.00
EM Survey 15 km @ \$200.00/km (ground)	3,000.00
Helicopter Support	5,000.00
Camp and Domicile	5,000.00
Contingencies	<u>3,000.00</u>
	<u>\$30,000.00</u>



## INTRODUCTION

### Location and Access

The Ark 1-7 claims are located at the north end of Thutade Lake in north central British Columbia at latitude  $57^{\circ}05'$ , longitude  $126^{\circ}50'$ , at the south Toodoggone area.

Access is by float plane to Thutade Lake from Smithers to the south or from MacKenzie to the southeast, each approximately 260 km away, thence by helicopter to the property. Alternate access is by helicopter from the Baker Mine gravel airstrip at Sturdee, 20 km to the northwest. Closest road access is to Johansen Lake, 70 km southeast. A summer road extends a further 40 km to the placer operation at McConnell Creek, 30 km southeast of the claims.

### History

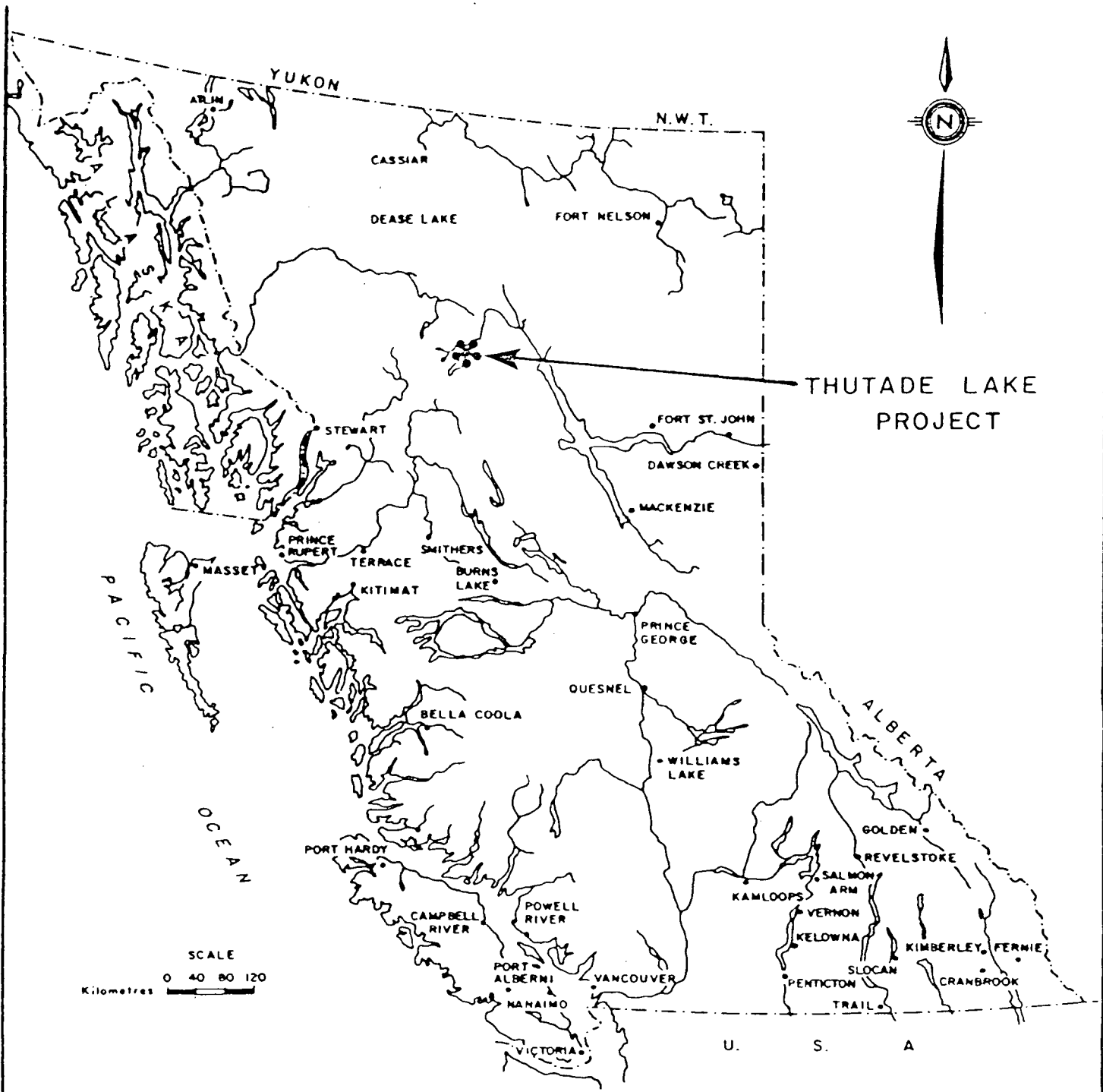
Exploration history of the region is documented by Sanguinetti (1984). The reader is referred to this report for further information.

Previous work recorded on the claims consisted of geological mapping, prospecting and soil geochemistry in 1984.

### 1985 Program


The 1985 program was conducted between August 17 and September 10 by helicopter day trips from the Hi-Tec Resource Management base camp at the Sturdee River airstrip.

The soil survey was carried out over portions of the Ark 2-7 claims. The survey lines were spaced at 50 metre intervals to fill in areas that were sampled at 200 metre intervals. The lines in other sections were spaced 100 metres apart.



THUTADE LAKE PROJECT

SCALE  
0 40 80 120  
Kilometres

ARK ENERGY LTD.		
THUTADE LAKE PROJECT		
LOCATION MAP		
ARK 1-7 Claims (inclus.)		
Omineca M.D.	NTS 94 E/2W	
 HI-TEC RESOURCE MANAGEMENT LIMITED	OWN BY	DATE: Oct./85
	CHK BY	FIGURE NO. 1
	SCALE AS SHOWN	

Samples were taken every 50 metres on these lines. A total of 809 soil samples and 5 rock samples were collected.

The program was conducted by Hi-Tec Resource Management under the direction of Malcolm Bell.

Casual helicopter support was provided by ACL Airlift based near Baker Mine.

### Claims

The property, located in the Omineca Mining Division, consists of the following claims (Fig. 2):

<u>Claim Name</u>	<u>Record #</u>	<u>Units</u>	<u>Expiry Date*</u>
Ark 1	5835	20	October 5, 1985
2	5836	20	October 5, 1985
3	5837	8	October 5, 1985
4	5838	20	October 5, 1985
5	5839	20	October 5, 1985
6	5840	20	October 5, 1985
7	5841	<u>20</u>	October 5, 1985

Total 128 units

\* Prior to application of 1985 assessment credits.

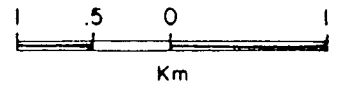
The total cost of the 1985 program, \$35,900.00 has been applied for assessment credits.

Grouping of the claims for assessment purposes is as follows:

<u>Group</u>	<u>Units</u>	<u>Assessment Applied</u>
Ark 1, 2, 3, 4, 7	88	\$25,900.00
Ark 5, 6	40	\$10,000.00



FINLAY RIVER



ARK 7  
5841 (10)

ARK 6  
5840 (10)

ARK 4  
5838 (10)

Atlycelly  
ARK 5  
5839 (10)

Creek

ARK 1  
5835 (10)

ARK 2  
5836 (10)

ARK 3  
5837 (10)

DUNCAN LAKE

THUTADE LAKE

BAR BUTTE

ARK ENERGY LTD.

THUTADE LAKE PROJECT

CLAIM MAP

ARK 1-7 Claims (inclus.)

Omineca M.D.

NTS 94 E/2W



HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED

DWN. BY:

DATE: Oct./85

CHK. BY:

FIGURE NO.

SCALE: 1:50,000

2

## GEOLOGY

### Regional Geology

The northern end of Thutade Lake is underlain by andesitic volcanics and sediments of the upper Triassic-Jurassic Takla Group, and sediments of the Permian Asitka Group, both intruded and altered by granitic plutons of the Omineca Intrusions of upper Jurassic to lower Cretaceous age.

To the west of the major north trending fault that more or less follows Thutade Lake, occur non-marine sediments of the Cretaceous and Tertiary Sustut Group (Tango Creek and Brothers Peak Formations).

Additional strong regional structures are recognized on aerial photographs of the area. These lineaments are northerly trending, but cross-cutting features are also evident. The importance of these structures is poorly understood.

### Property Geology

The western part of the property is covered by heavy glacio-fluvial till; exposure is limited to the eastern portion of the property.

Intermediate volcanics of the Takla Group on Ark 2 claim are overlain by coarsely crystalline marble, thought to belong to the Permian Asitka Group (Gabrielse, 1976).

The volcanic rocks are andesite and dacite, and generally show weak to moderate silicification. Andesites may be plagioclase-porphyritic to fine grained. They are likely fragmental, as they are on strike to the south on Pacific Ridge ground.

Weak epidote is present throughout and is thought to represent regional metamorphism.

Dacites are fine grained, lighter in colour than andesite, and tend to be strongly fractured. They occur west of the volcanics limestone contact.

'Asitka' limestone occurs on the east side of Ark 2 claim. The limestone is massive and coarsely crystalline.

As the older limestone overlies younger Takla andesite, the contact must be thrust faulted. On neighbouring claims the extension of this thrust fault forms the locus of Pb, Zn, Cu and Ag mineralization.

Intruding sediments and volcanic rocks are dykes or small stocks of pink to grey monzonite, similar in appearance to the large monzonite body on Ark 3 claim, whose contact is northwest striking.

Frequent small monzonite exposures in areas of volcanic rocks, and the generally silicified nature of volcanic rocks suggests that on Ark 2 claim the intrusive contact is shallow and follows more or less the topography of the northwest slopes, south of Attycelley Creek.

A strong gossan has developed at the south of Ark 2 claim. Strong complex faulting and dyking is observed, but only weakly anomalous values are obtained in rock chip samples.

## SOIL SURVEY

During the 1985 field season, approximately 809 soil samples over 40 km of chain and compass lines were collected. The soil grid and lines are located on Ark 2-7 claims.

B horizon samples were collected at 50 m stations, using a mattock, from depths of 20-30 cm; the samples were placed in kraft paper envelopes and shipped to Min-En Laboratories Ltd. for analysis in North Vancouver, B.C.

The soils which were collected in 1985 were analysed for Ag and Au. The 485 remaining samples in storage from 1984 were analysed for Cu, Pb, Zn, As, Au by Acme Analytical Laboratories in Vancouver, B.C.

By inspections, the following anomalous thresholds have been established: Cu 60 ppm; Pb 25 ppm; Zn 90 ppm; Ag 1.0 ppm; Au 10 ppb.

Samples from the grid on Ark 4 and 7 claims show numerous weakly to moderately anomalous values in Cu, Pb, Zn, Ag and Au. Because of the deep glacial cover, definite patterns are difficult to discern. Between lines 1000S and 1400S, several anomalous Au values occur. These may be important because they occur in a cluster along a northwest flowing creek. Trenching is warranted in this area. Elsewhere, there are numerous gold anomalies. However, they are widely distributed over the soil grid. Further work will be necessary to evaluate these anomalies.

Respectfully submitted,

HI-TEC RESOURCE MANAGEMENT LTD.

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Malcolm Bell

## REFERENCES

- Eisbacher, G.H. 1974. Sedimentary History and Tectonic Evolution of the Sustut and Sifton Basins, North-Central British Columbia. G.S.C. Paper 73-31.
- Gabrielse H. et al. 1976. Geology of the Toodoggone River (94E) and Ware West Half (94F): G.S.C. Open File 483.
- Sanguinetti, M.H. 1984. Preliminary Report on the Ron 1 and 2, and the Lake 1, 2, 3 and 4 Mineral Claims, Thutade Lake Area; for Pacific Ridge Resources Corp.
- Vanderpoll, Wim. 1984. Geological Geochemical Report on the Ark 1-7 Claims, Thutade Lake area, B.C., Omineca M.D.

## STATEMENT OF COSTS

## Ark 1-7 Claims

Period of Work: August 17 to September 10, 1985

**Personnel**

J. Ashenhurst	5 days	@ \$225.00	\$ 1,125.00
O. Paeseler	8 days	@ \$225.00	1,800.00
B. Dent	11 days	@ \$195.00	2,145.00
T. Rookcroft	11 days	@ \$195.00	2,145.00
T. Archibald	6 days	@ \$195.00	1,170.00

**Project Supervision**

M. Bell	4 days	@ \$300.00	1,200.00
Meals/Accommodation	41 days	@ \$ 50.00	2,050.00
Camp Support Costs	41 days	@ \$ 25.00	1,025.00
Materials			1,690.00
Fixed Wing Support			1,280.00
Helicopter Charters			4,429.00
Geochemical Assays			11,577.50
Mobilization/Demobilization			3,000.00
Expediting			275.00
Assessment Report			<u>1,000.00</u>

**TOTAL** \$35,911.50

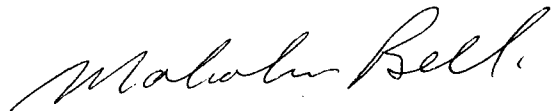
## STATEMENT OF QUALIFICATIONS

I, Malcolm Bell, of Vancouver, B.C., hereby certify that:

1. I have worked in mineral exploration since 1970.
2. I am the president of Hi-Tec Resource Management Limited and have been supervising and directing exploration programs in Canada, Columbia, S.A., and Australia since Hi-Tec was established in May, 1980.
3. I have successfully completed studies in Survey Engineering at B.C.I.T. (1979).
4. This report is based on survey work completed by personnel under my direct supervision.

Dated at Vancouver, B.C. this 1 day of DECEMBER, 1985.

MALCOLM BELL



APPENDIX I



# MIN-EN Laboratories Ltd.

705 WEST 15th STREET,  
NORTH VANCOUVER, B.C., CANADA V7M 1T2  
TELEPHONE (604) 980-5814

## ANALYTICAL REPORT

Project **ARK 85** Date of report **Sept. 6/85.**

File No. **5-23** Date samples received **August 29/85.**

Samples submitted by: .....

Company: **Hi-Tec Resource Management**

Report on: **511 soils** Geochem samples

Assay samples

Copies sent to:

1. **Hi-Tec Resource Management, Vancouver, B.C.**

2. ....

3. ....

Samples: Sieved to mesh **-80** Ground to mesh .....

Prepared samples stored  discarded

rejects stored  discarded

Methods of analysis: **5 element ICP. Au-aqua regia.A.A.**

Remarks: .....

SPECIALISTS IN MINERAL ENVIRONMENTS

ATTENTION: MALCOLM KELL

(604) 980-5814 OR (604) 988-4524

\* SOIL BECHER \* DATE: SEPT 6, 1985

(VALUES IN PPM)	AG	AS	CU	PB	ZN	AU-PPB
ARK85L0+00 0+00W	.8	5	27	18	73	5
ARK85L0+00 0+50W	.9	15	27	23	93	5
ARK85L0+00 1+00W	.8	27	25	21	84	5
ARK85L0+00 1+50W	.9	4	29	14	39	5
ARK85L0+00 5+00W	.6	5	14	14	45	5
ARK85L0+00 5+50W	.5	2	15	10	53	5
ARK85L0+00 6+00W	.4	1	11	4	36	5
ARK85L0+00 6+50W	.5	1	6	9	27	3
ARK85L0+00 7+00W	.4	2	8	10	37	5
ARK85L0+00 7+50W	.4	5	10	13	35	10
ARK85L0+00 8+00W	.4	2	10	8	38	5
ARK85L0+00 8+50W	.4	1	10	8	42	5
ARK85L0+00 9+00W	.5	1	16	8	32	10
ARK85L0+50S0+00W	1.0	17	30	24	76	5
ARK85L0+50S0+50W	1.0	7	23	17	71	5
ARK85L0+50S1+00W	.9	4	18	18	74	5
ARK85L0+50S1+50W	.9	14	17	17	86	5
ARK85L0+50S4+50W	.8	4	18	15	56	5
ARK85L0+50S5+00W	.4	1	7	8	41	5
ARK85L0+50S5+50W	.6	2	14	13	43	5
ARK85L0+50S6+00W	.7	3	13	6	60	5
ARK85L0+50S6+50W	.5	1	9	7	93	3
ARK85L0+50S7+00W	.6	1	9	6	38	5
ARK85L0+50S7+50W	.4	1	9	7	24	5
ARK850+50S8+00W	N/S					
ARK85L0+50S8+50W	.4	1	14	8	27	5
ARK85L0+50S9+00W	.7	1	17	6	41	5
ARK85L1+00S0+00W	.9	18	30	20	123	5
ARK85L1+00S0+50W	1.0	11	38	15	55	5
ARK85L1+00S1+00W	1.0	8	13	19	102	5
ARK85L1+00S1+50W	1.1	1	13	14	70	5
ARK85L1+00S4+00W	.9	3	8	10	43	10
ARK85L1+00S4+50W	.5	1	6	5	32	5
ARK85L1+00S5+00W	.8	1	10	6	59	95
ARK85L1+00S5+50W	.5	4	10	8	54	5
ARK85L1+00S6+00W	.6	2	8	11	58	5
ARK85L1+00S6+50W	.6	1	10	14	57	5
ARK85L1+00S7+00W	.6	1	8	12	32	10
ARK85L1+00S7+50W	.7	1	12	5	31	5
ARK85L1+00S8+00W	.5	1	12	2	31	5
ARK85L1+00S850W	N/S					
ARK85L1+00S9+00W	.7	1	8	7	25	10
ARK85L1+50S0+00W	.9	22	18	21	92	5
ARK85L1+50S0+50W	1.1	10	28	16	79	5
ARK85L1+50S1+00W	1.1	1	27	15	60	15
ARK85L1+50S1+50W	.8	9	14	18	84	10
ARK85L1+50S4+00W	1.3	6	12	12	104	5
ARK85L1+50S4+50W	1.1	1	8	12	46	5
ARK85L1+50S5+00W	1.2	10	11	14	76	5
ARK85L1+50S5+50W	.8	1	6	8	45	10
ARK85L1+50S6+00W	.7	7	12	13	38	5
ARK85L1+50S6+50W	.8	5	10	11	51	5
ARK85L1+50S700W	N/S					
ARK85L1+50S750W	N/S					
ARK85L1+50S8+00W	.8	7	7	11	46	10
ARK85L1+50S850W	N/S					
ARK85L1+50S9+00W	.9	1	8	8	58	5
ARKL2+00S0+00W	1.3	24	32	25	69	5
ARKL2+00S0+50W	1.4	26	43	21	71	5
ARKL2+00S1+00W	1.1	41	34	26	158	10

ATTENTION: MALCOLM BELL

(604) 980-5814 OR (604) 980-4524

\* SOIL GEOCHEM \* DATE: SEPT 6, 1985

(VALUES IN PPM)	AG	AS	CU	PB	ZN	AU-PPB
ARK85L2+00S1+50W	.7	4	25	16	51	5
ARK85L2+00S3+50W	.7	4	18	16	41	15
ARK85L2+00S4+00W	.8	7	15	16	74	5
ARK85L2+00S4+50W	1.0	4	11	11	44	10
ARK85L2+00S5+00W	.7	1	9	15	39	5
ARK85L2+00S5+50W	.9	4	18	15	60	5
ARK85L2+00S6+00W	1.0	4	17	16	38	5
ARK85L2+00S6+50W	.8	5	20	19	45	10
ARK85L2+00S700W	N/S					
ARK85L2+00S7+50W	.7	5	13	12	43	5
ARK85L2+00S8+00W	.7	3	15	7	31	5
ARK85L2+00S850W	N/S					
ARK85L2+00S9+00W	.4	5	15	16	50	5
ARK85L2+50S0+00W	.9	1	21	20	56	20
ARK85L2+50S0+50W	1.2	8	25	31	147	5
ARK85L2+50S1+00W	1.1	17	24	27	101	5
ARK85L2+50S1+50W	1.1	7	22	23	94	5
ARK85L2+50S3+00W	1.0	3	20	20	38	5
ARK85L2+50S3+50W	1.0	1	11	12	62	10
ARK85L2+50S4+00W	1.1	1	12	16	53	25
ARK85L2+50S4+50W	1.0	10	13	14	45	5
ARK85L2+50S5+00W	1.2	7	19	16	45	5
ARK85L2+50S5+50W	1.1	9	11	13	80	5
ARK85L2+50S6+00W	.9	6	9	12	42	10
ARK85L2+50S6+50W	.9	1	9	15	46	5
ARK85L2+50S7+00W	.9	11	13	11	43	5
ARK85L2+50S7+50W	.7	4	11	15	32	5
ARK85L2+50S8+00W	.9	5	11	18	44	10
ARK85L2+50S8+50W	.6	15	10	20	64	5
ARK85L2+50S9+00W	.5	4	7	10	53	5
ARK85L3+00S0+00W	.8	4	20	21	140	5
ARK85L3+00S0+50W	1.4	10	24	36	60	15
ARK85L3+00S1+00W	.6	6	16	20	91	5
ARK85L3+00S1+50W	1.2	4	13	21	80	5
ARK85L3+50S0+00W	1.7	3	14	23	111	10
ARK85L3+50S0+50W	1.3	1	20	17	64	5
ARK85L3+50S1+00W	.8	1	17	21	80	5
ARK85L3+50S1+50W	.8	3	22	19	79	5
ARK85L3+50S2+00W	1.2	15	22	27	100	5
ARK85L3+50S2+50W	.9	9	24	23	35	10
ARK85L3+50S3+00W	1.1	10	17	18	101	5
ARK85L3+50S3+50W	.7	9	32	16	76	3
ARK85L3+50S4+00W	.7	1	22	17	50	5
ARK85L3+50S4+50W	.7	1	17	16	67	5
ARK85L3+50S5+00W	.8	4	14	15	62	5
ARK85L3+50S5+50W	1.0	9	22	18	48	5
ARK85L3+50S6+00W	.9	12	13	21	55	3
ARK85L3+50S6+50W	.5	12	20	20	53	5
ARK85L3+50S7+00W	.3	1	13	15	28	5
ARK85L3+50S7+50W	.7	3	10	14	50	10
ARK85L3+50S8+00W	.7	8	12	18	61	5
ARK85L3+50S8+50W	.8	5	8	12	38	5
ARK85L3+50S9+00W	.6	1	5	8	30	5
ARK85L4+50S0+00W	1.8	17	24	40	154	10
ARK85L4+50S0+50W	1.3	7	22	27	99	65
ARK85L4+50S1+00W	1.1	4	41	26	79	10
ARK85L4+50S1+50W	1.0	3	25	22	65	5
ARK85L4+50S2+00W	.7	12	30	25	76	15
ARK85L4+50S2+50W	.6	3	14	20	48	10
ARK85L4+50S3+00W	.4	4	17	22	44	5

ATTENTION: MALCOLM BELL

(604) 990-5814 OR (604) 988-4524

\* SOIL GEOCHEM \*

DATE: SEPT 6, 1985

(VALUES IN PPM)	AS	BS	CU	PB	ZN	AD-PBR
ARK85L4+5083+50W	.6	1	12	13	40	5
ARK85L4+5084+50W	.7	3	15	14	55	5
ARK85L4+5084+50W	N/S					
ARK85L4+5085+50W	.8	1	23	15	39	5
ARK85L4+5085+50W	.9	1	10	12	54	10
ARK85L4+5086+50W	.8	7	13	17	49	5
ARK85L4+5086+50W	.7	1	10	12	57	5
ARK85L4+5087+50W	.7	6	17	14	76	5
ARK85L4+5087+50W	.7	2	12	13	54	10
ARK85L4+5088+50W	.5	7	1	17	51	5
ARK85L5+008950WA	.6	20	37	26	80	5
ARK85L5+008950WA	1.9	12	33	24	16	15
ARK85L5+00895150WA	1.0	3	21	17	12	5
ARK85L5+00895200WA	1.3	20	28	37	110	5
ARK85L5+00895250WA	1.3	4	15	19	86	10
ARK85L5+00895300WA	.8	5	26	16	58	5
ARK85L5+00895350WA	.9	1	14	17	72	5
ARK85L5+00895400WA	.9	1	19	13	44	5
ARK85L5+00895450WA	1.3	10	17	18	74	5
ARK85L5+00895500WA	1.0	1	11	16	54	10
ARK85L5+00895550WA	1.3	7	1	18	57	5
ARK85L5+00895600WA	.7	4	11	10	51	5
ARK85L5+00895650WA	.9	3	12	18	114	10
ARK85L5+00895700WA	.8	3	11	17	38	5
ARK85L5+00895800WB	1.3	8	27	20	138	5
ARK85L5+00895850WB	1.4	12	33	34	100	5
ARK85L5+00895900WB	1.1	4	21	17	90	5
ARK85L5+00895950WB	1.1	5	29	22	65	10
ARK85L5+00895990WB	1.6	8	25	21	109	5
ARK85L5+00896250WB	.8	6	16	22	95	5
ARK85L5+00896300WB	1.2	1	20	19	153	10
ARK85L5+00896350WB	.9	1	18	16	54	5
ARK85L5+00896400WB	.7	1	22	17	78	15
ARK85L5+5089+50W	1.8	10	36	32	97	5
ARK85L5+5089+50W	1.2	8	35	34	109	40
ARK85L5+5089+50W	1.0	1	21	16	87	5
ARK85L5+5089+50W	1.0	3	31	27	78	5
ARK85L5+5089+50W	1.4	1	26	26	163	10
ARK85L5+5089+50W	1.3	8	30	25	57	5
ARK85L5+5089+50W	1.1	1	18	17	77	5
ARK85L5+5089+50W	.7	1	17	17	58	5
ARK85L5+5089+50W	1.1	3	23	22	73	5
ARK85L5+5089+50W	1.1	7	19	20	60	5
ARK85L5+5089+50W	1.0	15	21	20	91	10
ARK85L5+5089+50W	.8	1	12	15	59	5
ARK85L5+5089+50W	.9	1	26	20	44	5
ARK85L5+5089+50W	1.2	1	20	15	71	5
ARK85L6+5089+50E	1.4	8	22	33	116	10
ARK85L6+5089+50E	1.2	12	26	29	94	5
ARK85L6+5089+50E	1.6	1	23	23	106	5
ARK85L6+5089+50E	1.1	1	24	21	57	5
ARK85L6+5089+50E	.9	1	26	16	59	5
ARK85L6+5089+50E	1.0	1	14	14	71	80
ARK85L6+5089+50E	1.7	15	38	25	59	20
ARK85L6+5089+50E	1.3	1	17	19	70	5
ARK85L6+5089+50E	1.2	1	30	19	44	5
ARK85L6+5089+50E	1.3	1	14	17	58	10
ARK85L6+5089+50E	.9	1	18	15	54	5
ARK85L6+5089+50E	1.0	1	18	18	63	5
ARK85L6+5089+50E	1.0	1	14	17	51	5

PROJECT NO: ARK 85

707 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: SJ-23S/P7+8

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)988-4524

\* SOIL GEOCHEM \* DATE: SEPT 6, 1985

(VALUES IN PPM)	AG	AS	CU	PB	ZN	AU-PPB
ARK85L6+5056+00E	.7	1	15	12	37	5
ARK85L6+5056+50E	.7	1	16	12	40	5
ARK85L6+5057+00E	.7	1	16	15	32	5
ARK85L6+5057+50E	.9	1	48	10	28	3
ARK85L6+5058+00E	.8	1	9	7	38	5
ARK85L6+5058+50E	1.1	1	14	17	50	5
ARK85L6+5059+00E	.8	1	16	12	34	5
ARK85L6+5059+50E	.6	1	8	12	38	5
ARK85L6+5051000E	.7	1	8	9	37	10
ARK85L6+5051050E	1.4	1	29	23	66	5
ARK85L6+5050+50W	1.0	2	18	21	75	5
ARK85L6+5051+00W	1.0	8	21	27	96	5
ARK85L6+5051+50W	.8	7	24	15	46	10
ARK85L6+5052+00W	1.6	24	42	483	315	25
ARK85L6+5052+50W	1.3	20	29	39	109	15
ARK85L6+5053+00W	1.2	4	18	21	87	5
ARK85L6+5053+50W	1.0	4	12	13	44	5
ARK85L6+5054+00W	.9	11	17	18	52	5
ARK85L6+5054+50W	.7	15	13	17	49	5
ARK85L6+5055+00W	1.1	17	25	24	57	5
ARK85L6+5055+50W	.9	1	18	16	73	5
ARK85L6+505600W	N/S					
ARK85L7+0050+00E	1.3	17	26	33	131	5
ARK85L7+0050+50E	1.0	15	18	29	115	5
ARK85L7+0051+00E	1.1	6	20	18	79	5
ARK85L7+0051+50E	1.4	7	26	26	105	3
ARK85L7+0052+00E	1.1	6	18	20	116	5
ARK85L7+0052+50E	.9	1	19	17	42	5
ARK85L7+0053+00E	.9	2	13	19	71	5
ARK85L7+0053+50E	1.1	8	22	20	65	5
ARK85L7+0054+00E	.4	3	15	25	48	5
ARK85L7+0054+50E	.5	3	17	14	38	5
ARK85L7+0055+00E	.4	1	19	18	38	5
ARK85L7+0055+50E	.9	8	68	30	72	10
ARK85L7+0056+00E	.5	1	16	14	36	5
ARK85L7+0056+50E	1.5	1	30	8	11	5
ARK85L7+0057+00E	.7	1	13	19	79	5
ARK85L7+0057+50E	.7	1	17	15	38	5
ARK85L7+0058+00E	1.0	2	40	16	30	3
ARK85L7+0058+50E	1.0	14	47	35	97	10
ARK85L7+0059+00E	.6	1	8	11	37	5
ARK85L7+0059+50E	.5	1	8	15	44	5
ARK85L7+0051000E	1.0	5	20	21	55	5
ARK85L7+0051050E	.4	1	7	14	29	5
ARK85L7+0050+50W	1.0	15	20	26	102	10
ARK85L7+0051+00W	.9	1	24	23	67	5
ARK85L7+0051+50W	.9	5	22	19	64	5
ARK85L7+0052+00W	1.0	4	24	21	89	5
ARK85L7+0052+50W	1.0	1	13	17	43	10
ARK85L7+0053+00W	.9	4	24	22	71	5
ARK85L7+0053+50W	1.3	8	28	27	65	5
ARK85L7+0054+00W	.7	1	13	19	43	5
ARK85L7+0054+50W	.8	4	17	22	54	3
ARK85L7+0055+00W	.8	5	14	15	62	5
ARK85L7+0055+50W	1.1	2	17	23	103	5
ARK85L70056+00W	N/S					
ARK85L7+5050+00E	1.3	3	23	28	103	5
ARK85L7+5050+50E	.8	18	27	33	81	10
ARK85L7+5051+00E	.7	11	20	27	57	5
ARK85L7+5051+50E	.9	1	22	23	80	5

ATTENTION: MALCOLM BELL

(604) 980-5814 OR (604) 988-4524

\* TYPE SOIL GEOCHEM \* DATE: SEPT 6, 1985

(VALUES IN PPM)	AG	AS	CU	PB	ZN	AU-PPB
ARK85L7+50S2+00E	.9	8	24	19	111	5
ARK85L7+50S2+50E	.9	1	23	15	52	5
ARK85L7+50S3+00E	1.2	3	27	21	80	5
ARK85L7+50S3+50E	1.2	1	18	18	64	5
ARK85L7+50S4+00E	1.0	3	17	17	44	10
ARK85L7+50S4+50E	.8	1	14	15	58	5
ARK85L7+50S5+00E	.6	1	21	14	50	10
ARK85L7+50S5+50E	.6	1	6	15	16	5
ARK85L7+50S6+00E	.8	1	9	12	24	5
ARK85L7+50S6+50E	.9	9	21	18	35	5
ARK85L7+50S7+00E	.9	4	12	18	32	5
ARK85L7+50S750E	N/S					
ARK85L7+50S8+00E	1.3	8	39	13	11	5
ARK85L7+50S8+50E	.7	1	19	21	54	10
ARK85L7+50E9+00E	.9	2	12	14	47	5
ARK85L7+50S9+50E	.9	1	13	13	38	5
ARK85L7+50S1000E	.6	1	7	17	31	5
ARK85L7+50S1050E	.7	1	6	11	17	5
ARK85L7+50S0+50W	.9	1	17	17	47	5
ARK85L7+50S1+00W	.9	13	16	20	68	5
ARK85L7+50S1+50W	1.1	4	16	19	73	5
ARK85L7+50S2+00W	1.2	8	24	21	95	5
ARK85L7+50S2+50W	.8	14	28	21	54	40
ARK85L7+50S3+00W	1.1	11	30	20	70	5
ARK85L7+50S3+50W	.6	2	12	16	37	10
ARK85L7+50S4+00W	1.1	7	16	21	73	5
ARK85L7+50S4+50W	.8	4	14	16	39	5
ARK85L7+50S5+00W	1.3	6	27	18	54	5
ARK85L7+50S550W	N/S					
ARK85L7+50S6+00W	1.0	1	19	20	70	5
ARK85L8+50S0+00E	.9	10	23	26	111	5
ARK85L8+50S0+50E	.6	1	19	11	38	5
ARK85L8+50S1+00E	1.0	5	21	21	91	10
ARK85L8+50S1+50E	1.1	6	23	20	116	5
ARK85L8+50S2+00E	1.3	2	21	17	79	5
ARK85L8+50S2+50E	1.4	1	17	18	87	5
ARK85L8+50S3+00E	.7	8	17	17	66	5
ARK85L8+50S3+50E	.7	6	10	14	56	5
ARK85L8+50S4+00E	.7	1	10	19	61	10
ARK85L8+50S4+50E	.7	4	7	16	81	5
ARK85L8+50S5+00E	1.0	5	13	23	66	5
ARK85L8+50S5+50E	.8	1	23	21	47	5
ARK85L8+50S6+00E	.5	1	5	2	12	110
ARK85L8+50S6+50E	1.6	4	61	11	22	5
ARK85L8+50S700E	N/S					
ARK85L8+50S750E	N/S					
ARK85L8+50S8+00E	.8	1	9	13	33	10
ARK85L8+50S8+50E	.7	1	12	12	44	5
ARK85L8+50S9+00E	1.1	5	17	16	56	5
ARK85L8+50S9+50E	.7	1	12	11	36	10
ARK85L8+50S1000E	.7	1	6	12	34	5
ARK85L8+50S1050E	.6	1	5	6	17	5
ARK85L8+50S0+50W	1.0	4	18	20	109	5
ARK85L8+50S1+00W	1.1	14	35	29	105	5
ARK85L8+50S1+50W	1.0	5	13	16	55	15
ARK85L8+50S2+00W	.9	10	22	27	82	5
ARK85L8+50S2+50W	.9	4	20	20	107	5
ARK85L8+50S3+00W	1.0	3	16	17	61	5
ARK85L8+50S3+50W	1.0	1	21	18	79	5
ARK85L8+50S4+00W	.8	9	19	20	47	5

PROJECT NO: ARK 85  
 ATTENTION: MALCOLM BELL

70 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

FILE NO: 51-235/P11+12  
 \* TYPE SOIL: GEOCHEM \* DATE: SEPT 6, 1985

(VALUES IN PPM)	AG	AS	CU	PR	ZN	AU-PPB
ARK85L8+50S4+50W	1.1	2	16	19	79	5
ARK85L8+50S500W	N/S					
ARK85L8+50S5+50W	.6	5	12	15	77	155
ARK85L8+50S6+00W	.8	8	18	15	51	5
ARK85L9+00S0+00E	.8	1	24	24	107	5
ARK85L9+00S0+50E	.9	1	17	18	60	5
ARK85L9+00S1+00E	1.1	2	19	17	67	10
ARK85L9+00S1+50E	1.1	5	17	18	69	3
ARK85L9+00S2+00E	1.0	12	27	23	87	5
ARK85L9+00S2+50E	1.1	9	17	21	70	5
ARK85L9+00S3+00E	.6	3	22	18	41	5
ARK85L9+00S3+50E	.6	1	16	15	32	5
ARK85L9+00S3+75E	.8	3	17	21	61	5
ARK85L9+00S4+00E	.6	3	9	19	56	5
ARK85L9+00S4+25E	.9	10	19	25	68	5
ARK85L9+00S4+50E	.6	7	9	13	43	5
ARK85L9+00S4+75E	.7	5	13	15	45	5
ARK85L9+00S5+00E	.6	1	6	13	49	5
ARK85L9+00S5+25E	1.2	12	23	26	70	10
ARK85L9+00S5+50E	1.1	5	9	18	78	5
ARK85L9+00S5+75E	1.5	1	18	32	64	5
ARK85L9+00S6+00E	1.7	5	124	18	33	5
ARK85L9+00S6+25E	.6	1	31	10	24	5
ARK85L9+00S6+50E	.7	3	19	8	21	3
ARK85L9+00S6+75E	1.1	1	11	15	41	5
ARK85L9+00S7+00E	1.0	1	9	12	38	5
ARK85L9+00S7+50E	1.0	1	11	17	44	5
ARK85L9+00S800E	N/S					
ARK85L9+00S8+50E	.9	6	20	19	50	5
ARK85L9+00S9+00E	1.0	2	20	21	43	5
ARK85L9+00S9+50E	.5	1	18	18	37	5
ARK85L9+00S1000E	.8	1	8	13	51	10
ARK85L9+00S1050E	.5	1	7	15	22	5
ARK85L9+00S0+50W	.9	6	18	24	66	20
ARK85L9+00S1+00W	.7	3	20	20	66	5
ARK85L9+00S1+50W	.8	2	13	19	63	5
ARK85L9+00S2+00W	1.2	1	18	19	67	5
ARK85L9+00S2+50W	1.1	1	13	19	71	5
ARK85L9+00S3+00W	1.0	9	23	21	53	45
ARK85L9+00S3+50W	1.2	8	16	18	64	5
ARK85L9+00S4+00W	.9	8	17	15	59	5
ARK85L9+00S4+50W	.9	2	14	24	89	5
ARK85L9+00S5+00W	.9	1	19	24	74	10
ARK85L9+00S5+50W	.9	11	19	21	43	5
ARK85L9+00S6+00W	.7	9	15	18	55	5
ARK85L9+50S0+00E	1.2	7	15	29	95	5
ARK85L9+50S0+50E	.9	10	15	20	54	10
ARK85L9+50S1+00E	.8	1	11	19	61	5
ARK85L9+50S1+50E	1.3	6	33	24	75	40
ARK85L9+50S2+00E	1.6	8	22	20	89	5
ARK85L9+50S2+50E	1.0	8	16	18	58	10
ARK85L9+50S3+00E	1.2	5	16	28	81	5
ARK85L9+50S3+25E	1.0	1	6	15	56	5
ARK85L9+50S3+50E	.9	4	16	23	45	5
ARK85L9+50S3+75E	1.1	4	29	20	58	5
ARK85L9+50S4+00E	.9	8	11	22	48	5
ARK85L9+50S4+25E	1.3	17	15	30	132	75
ARK85L9+50S4+50E	.9	1	11	21	82	5
ARK85L9+50S4+75E	.9	1	9	19	69	5
ARK85L9+50S5+00E	1.6	6	12	25	89	5

PROJECT NO: ARK 85

701 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 51-23S/P13+14

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)988-4524

\* SOIL GEOCHEM \* DATE: SEPT 6, 1985

(VALUES IN PPM)	AG	AS	CU	PB	ZN	AU-PPB
ARK85L9+50S5+25E	.6	3	5	19	33	5
ARK85L9+50S5+50E	1.0	10	20	34	79	5
ARK85L9+50S575E	N/S					
ARK85L9+50S6+00E	.7	1	10	13	36	10
ARK85L9+50S6+25E	1.1	1	18	28	106	5
ARK85L9+50S6+50E	1.0	1	11	9	45	10
ARK85L9+50S6+75E	1.2	1	13	18	69	5
ARK85L9+50S7+00E	1.1	1	13	13	43	5
ARK85L9+50S7+50E	1.1	1	14	14	40	10
ARK85L9+50S8+00E	.9	1	15	20	42	5
ARK85L9+50S8+50E	.7	1	9	13	41	5
ARK85L9+50S9+00E	.5	1	8	13	36	5
ARK85L9+50S9+50E	1.4	36	50	54	125	5
ARK85L9+50S1000E	.9	1	7	15	57	5
ARK85L9S0S1050E	N/S					
ARK85L10+00S375E	1.1	13	20	21	82	5
ARK85L10+00S425E	.9	1	22	19	66	5
ARK85L10+00S475E	.9	2	13	19	45	20
ARK85L10+00S525E	1.0	8	17	24	74	5
ARK85L10+00S575E	.7	11	11	24	74	10
ARK85L10+00S675E	.9	8	11	23	76	5
ARK85L10+50S000E	1.1	9	23	26	105	5
ARK85L10+50S050E	1.1	23	16	31	123	5
ARK85L10+50S100E	1.1	1	19	18	47	5
ARK85L10+50S150E	1.2	17	32	24	71	10
ARK85L10+50S200E	1.6	21	40	30	83	5
ARK85L10+50S250E	.7	4	23	19	43	10
ARK85L10+50S300E	1.1	1	20	22	84	5
ARK85L10+50S350E	1.1	5	16	18	50	5
ARK85L10+50S375E	1.1	20	29	22	78	5
ARK85L10+50S400E	.8	9	17	19	44	5
ARK85L10+50S425E	.7	6	25	18	47	5
ARK85L10+50S450E	.6	1	11	18	40	30
ARK85L10+50S475E	1.1	9	18	28	78	5
ARK85L10+50S500E	1.1	1	19	15	48	10
ARK85L10+50S525E	1.2	10	27	28	72	5
ARK85L10+50S550E	1.1	1	11	20	70	5
ARK85L10+50S575E	1.2	3	15	17	86	5
ARK85L10+50S600E	1.2	12	14	21	67	5
ARK85L10+50S625E	1.0	8	17	23	88	10
ARK85L10+50S650E	1.1	13	13	26	95	5
ARK85L10+50S675E	1.2	1	17	21	74	5
ARK85L10+50S700E	1.2	1	12	25	99	10
ARK85L10+50S725E	.8	1	11	15	54	5
ARK85L10+50S750E	1.1	1	11	13	67	5
ARK85L10+50S800E	1.0	1	9	14	51	5
ARK85L10+50S850E	1.0	1	14	9	33	5
ARK85L10+50S900E	1.2	7	22	23	75	5
ARK85L10+50S950E	1.0	21	33	28	73	5
ARK85L10S0S1000E	.8	1	9	16	57	5
ARK85L10S0S1050E	.9	1	10	16	43	5
ARK85L10+50S050W	1.3	5	16	23	50	5
ARK85L10+50S100W	1.1	4	20	20	83	5
ARK85L10+50S150W	.9	6	22	18	37	5
ARK85L10+50S200W	1.2	10	17	21	116	10
ARK85L10+50S250W	1.4	4	20	17	68	5
ARK85L10+50S300W	1.2	8	19	25	65	5
ARK85L10+50S350W	1.0	17	18	26	97	5
ARK85L10+50S400W	.9	15	19	20	61	135
ARK85L10+50S450W	.7	16	22	26	42	5



PROJECT NO: ARK 85

701 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 51-235/P15+16

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)988-4524

\* SOIL GEOCHEM \* DATE: SEPT 6, 1985

(VALUES IN PPM)	AS	CS	CU	PK	ZN	MO-PPM
ARK85L10+50S500W	.8	20	24	28	158	130
ARK85L10+50S550W	.8	29	28	37	75	5
ARK85L10+50S600W	.7	1	14	18	65	5
ARK85L11+00S000E	.9	4	19	22	88	10
ARK85L11+00S050E	.7	1	18	17	80	5
ARK85L11+00S100E	.5	1	10	17	43	5
ARK85L11+00S150E	.9	2	18	20	60	3
ARK85L11+00S200E	1.0	1	16	19	84	5
ARK85L11+00S250E	1.3	13	33	30	189	5
ARK85L11+00S300E	1.0	21	21	25	131	10
ARK85L11+00S350E	.9	1	13	19	51	5
ARK85L11+00S400E	.6	10	16	22	73	5
ARK85L11+00S450E	.9	1	15	13	61	5
ARK85L11+00S500E	1.1	7	15	24	210	5
ARK85L11+00S550E	1.8	9	15	24	100	3
ARK85L11+00S600E	1.2	3	13	22	139	10
ARK85L11+00S650E	.9	1	12	15	33	5
ARK85L11+00S700E	1.1	8	25	30	193	105
ARK85L11+00S750E	.9	1	8	20	92	5
ARK85L11+00S800E	1.0	1	15	15	33	10
ARK85L11+00S850E	.9	1	12	15	66	5
ARK85L11+00S900E	.6	1	7	14	40	5
ARK85L11+00S950E	.8	1	11	12	49	5
ARK85L1100S1000E	1.2	1	9	14	54	10
ARK85L1100S1050E	.8	1	9	15	36	5
ARK85L11+00S050W	1.2	1	21	19	107	5
ARK85L11+00S100W	.7	1	22	17	39	5
ARK85L11+00S150W	.8	1	14	21	64	3
ARK85L11+00S200W	.8	5	14	21	55	5
ARK85L11+00S250W	.7	8	14	20	55	5
ARK85L11+00S300W	.8	6	20	19	50	5
ARK85L11+00S350W	1.0	3	34	26	54	10
ARK85L11+00S400W	1.1	47	30	44	72	5
ARK85L11+00S450W	1.5	30	26	38	125	5
ARK85L11+00S500W	1.0	33	48	35	152	10
ARK85L11+00S550W	.8	1	11	16	80	5
ARK85L11+00S600W	1.0	3	16	20	52	5
ARK85L1150S000E	N/S					
ARK85L11+50S050E	.7	1	16	15	70	3
ARK85L11+50S100E	.9	1	17	17	67	25
ARK85L11+50S150E	.8	3	21	19	56	5
ARK85L11+50S200E	.6	8	9	21	44	5
ARK85L11+50S250E	1.0	1	31	21	75	10
ARK85L11+50S300E	1.2	9	25	24	123	5
ARK85L11+50S350E	1.1	16	23	20	81	5
ARK85L11+50S400E	1.6	1	26	18	67	3
ARK85L11+50S450E	1.1	1	21	17	58	5
ARK85L11+50S500E	1.0	1	11	19	89	10
ARK85L11+50S550E	.9	1	12	11	56	20
ARK85L11+50S600E	1.2	1	14	24	75	5
ARK85L11+50S650E	1.1	1	16	18	105	15
ARK85L11+50S700E	.9	1	9	10	36	5
ARK85L11+50S750E	1.3	1	15	18	40	5
ARK85L11+50S800E	.9	1	16	8	35	10
ARK85L11+50S850E	1.4	40	86	34	69	5
ARK85L11+50S900E	.9	1	11	18	30	5
ARK85L11+50S950E	.9	1	13	18	65	10
ARK85L1150S1000E	1.0	1	13	15	34	5
ARK85L1150S1050E	.9	1	8	12	52	5
ARK85L11+50S050W	1.0	3	22	20	74	5

PROJECT NO: ARK 85

707 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 51-239/P17+18

ATTENTION: MALCOLM BELL

(604)980-5814 OR (604)988-4524

\* SOIL GEOCHEM \* DATE: SEPT. 6, 1985

(VALUES IN PPM)	AG	AS	CU	PB	ZN	AU-PFB
ARK85L11+50S100W	.6	7	17	19	44	10
ARK85L11+50S150W	.5	11	22	18	60	5
ARK85L11+50S200W	.7	1	18	23	59	5
ARK85L11+50S250W	.8	1	21	18	64	5
ARK85L11+50S300W	1.1	1	34	20	81	25
ARK85L11+50S350W	1.1	41	30	38	61	320
ARK85L11+50S400W	1.3	29	32	33	83	5
ARK85L11+50S450W	1.3	22	23	31	103	5
ARK85L11+50S500W	.8	1	31	15	64	3
ARK85L11+50S550W	.7	1	16	16	44	10
ARK85L11+50S600W	.7	1	16	14	40	5
ARK85L12+50S000W	1.0	19	49	24	79	5
ARK85L12+50S050W	.9	1	23	21	62	5
ARK85L12+50S100W	.7	2	22	20	80	10
ARK85L12+50S150W	1.0	9	15	18	129	5
ARK85L12+50S200W	.7	1	22	18	64	5
ARK85L12+50S250W	1.0	1	30	20	60	5
ARK85L12+50S300W	1.1	1	17	14	71	10
ARK85L12+50S350W	1.2	17	24	22	53	5
ARK85L12+50S400W	1.9	16	11	18	63	5
ARK85L12+50S450W	1.1	11	17	22	62	10
ARK85L12+50S500W	1.0	3	18	16	103	5
ARK85L12+50S550W	1.3	4	29	20	57	3
ARK85L12+50S600W	1.0	1	8	8	49	5
ARK85L13+00S000W	1.1	1	13	17	92	5
ARK85L13+00S050W	1.2	3	20	18	67	5
ARK85L13+00S100W	.8	1	18	19	76	10
ARK85L13+00S150W	.8	1	13	20	76	5
ARK85L13+00S200W	.9	5	18	20	80	5
ARK85L13+00S250W	.7	12	15	24	69	5
ARK85L13+00S300W	.4	18	23	22	38	5
ARK85L13+00S350W	.6	3	12	21	52	5
ARK85L13+00S400W	1.1	21	20	33	143	3
ARK85L13+00S450W	1.0	7	15	20	84	5
ARK85L13+00S500W	.7	1	16	11	61	5
ARK85L13+00S550W	1.3	1	13	13	38	5
ARK85L13+00S600W	1.3	4	20	17	61	3
ARK85L13+50S000W	1.7	10	26	17	99	5
ARK85L13+50S050W	1.2	4	16	20	81	10
ARK85L13+50S100W	.9	1	24	18	47	5
ARK85L13+50S150W	1.0	9	19	15	68	5
ARK85L13+50S200W	.7	3	17	15	59	5
ARK85L13+50S250W	.9	13	15	15	54	3
ARK85L13+50S300W	.7	1	11	15	54	5
ARK85L13+50S350W	.9	1	22	19	43	5
ARK85L13+50S400W	.9	17	13	20	115	3
ARK85L13+50S450W	.6	1	10	14	38	5
ARK85L13+50S500W	.8	4	17	17	47	3
ARK85L13+50S550W	.9	5	15	21	73	5
ARK85L13+50S600W	1.0	1	14	17	66	5

# MIN-EN Laboratories Ltd.

705 WEST 15th STREET,  
NORTH VANCOUVER, B.C., CANADA V7M 1T2  
TELEPHONE (604) 980-5814

## ANALYTICAL REPORT

Project ..... **Ark 85** ..... Date of report .....

File No. .... **5-731** ..... Date samples received ..... **Sept. 26/85.**

Samples submitted by: ..... **Malcolm Bell** .....

Company: ..... **Hi-Tec Resource Management** .....

Report on: ..... **5 rocks** ..... **298 soils** ..... Geochem samples

..... Assay samples

### Copies sent to:

1. .... **Hi-Tec Resource Management, Vancouver, B.C.** .....
2. ....
3. ....

Samples: Sieved to mesh ..... **-80** ..... Ground to mesh ..... **-80** .....

Prepared samples ..... stored  ..... discarded

rejects ..... stored  ..... discarded

Methods of analysis: ..... **Ag-nitric, perchloric digestion A.A. Au-aqua regia A.A.** .....

Remarks: .....

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(604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

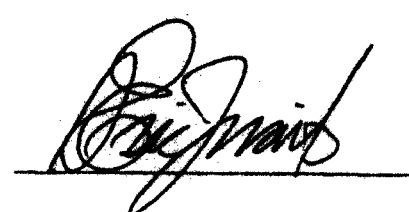
COMPANY: HI-TEC RESOURCE MANAGEMENT  
 PROJECT: ARK 85  
 ATTENTION: MALCOLM BELL

FILE: 5-731/P1  
 DATE: OCT. 1/85.  
 TYPE: SOIL GEOCHEM

*We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.*

SAMPLE NUMBER	AG PPM	AU PPB	
1	0.5	5	
2	1.2	10	
3	1.0	5	
4	0.4	5	
6	0.5	5	
7	0.6	10	
8	0.5	5	
9	0.4	5	
10	1.1	10	
11	1.0	5	
12	1.6	5	
13	0.6	3	
14	1.6	10	
15	1.3	5	
16	1.4	5	
17	1.4	20	
18	0.7	5	40MESH
19	1.4	10	
20	0.6	5	
21	0.6	5	
23	0.8	10	40MESH
24	0.4	5	
25	0.6	10	
0+00SEL-0+00	0.5	5	
0+50W	1.6	15	
1+00N	0.4	5	
1+50W	0.6	5	
2+00W	0.6	10	
2+50W	0.4	5	
0+00S-3+00W	0.5	5	

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TELEX: 04-352828

**GEOCHEMICAL ANALYSIS CERTIFICATE**

**COMPANY:** HI-TEC RESOURCE MANAGEMENT  
**PROJECT:** ARK 85  
**ATTENTION:** MALCOLM BELL

**FILE:** 5-731/P2  
**DATE:** OCT. 2/85.  
**TYPE:** SOIL GEOCHEM

*We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.*

SAMPLE NUMBER	AG PPM	AU PPB	
0+00S3+50W	0.6	5	
4+00W	0.8	5	
4+50W	0.6	10	
5+00W	1.0	5	
5+50W	0.6	15	
6+00W	0.8	10	
6+50W	0.9	5	
7+00W	0.5	5	
7+50W	0.6	10	
8+00W	0.7	10	
8+50W	0.5	5	
9+00W	1.0	5	
9+50W	0.4	5	
10+00W	0.8	10	
10+50W	0.5	5	
11+00W	1.8	15	
11+50W	1.0	15	20MESH
0+00S12+00W	0.6	10	20MESH
6S-0+00W	1.2	5	
0+50W	0.6	5	
1+00W	0.3	45	
1+50W	0.5	10	
2+00W	0.4	5	
2+50W	0.4	5	
3+00W	0.8	10	
3+50W	0.4	5	
4+00W	0.5	5	
4+50W	0.3	15	
5+00W	0.6	5	
6S-5+50W	0.9	10	

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TELEX: 04-352828

**GEOCHEMICAL ANALYSIS CERTIFICATE**

**COMPANY:** HI-TEC RESOURCE MANAGEMENT  
**PROJECT:** ARK 85  
**ATTENTION:** MALCOLM BELL

**FILE:** 5-731/P3  
**DATE:** OCT. 2/85.  
**TYPE:** SOIL GEOCHEM

*We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.*

SAMPLE NUMBER	AG PPM	AU PPM	
6S-6+00W	0.8	5	
6+50W	0.6	5	
7+00W	0.6	35	
7+50W	0.5	10	
8+00W	0.4	5	
8+50W	0.4	5	
9+00W	0.5	10	
9+50W	0.8	5	
10+00W	0.8	5	
10+50W	0.6	10	
11+00W	0.5	5	
11+50W	0.6	15	40MESH
12+00W	0.5	5	
6S-12+50W	0.6	10	
200E4+50N	0.5	5	40MESH
5+00N	0.3	5	
5+50N	0.4	10	40MESH
6+00N	0.4	5	
6+50N	0.5	5	
7+00N	0.6	15	
7+50N	0.5	5	
8+00N	0.9	10	40MESH
8+50N	0.6	5	
9+00N	2.8	5	
9+50N	0.6	10	40MESH
10+00N	0.5	15	
10+50N	0.5	5	
11+00N	0.3	10	40MESH
11+50N	0.8	5	
200E12+00N	1.4	5	

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TELEX: 04-352828

**GEOCHEMICAL ANALYSIS CERTIFICATE**

**COMPANY: HI-TEC RESOURCE MANAGEMENT**  
**PROJECT: ARK 85**  
**ATTENTION: MALCOLM BELL**

**FILE: 5-731/P4**  
**DATE: OCT. 2/85.**  
**TYPE: SOIL GEOCHEM**

*We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.*

SAMPLE NUMBER	AG PPM	AU PPM
200E12+50N	1.0	5
0+00W0+50S	1.0	15
1+00S	0.8	10
0+00W1+50S	0.6	10
3N-194E	1.3	5
194+50E	0.8	5
195E	0.5	5
195+50E	0.5	10
196E	0.6	5
196+50E	0.8	5
197E	0.8	10
197+50E	0.6	5
198E	0.8	5
198+50E	0.8	3
199E	0.5	5
199+50E	0.8	5
200E	1.0	5
200+50E	0.5	10
201E	0.6	5
201+50E	0.5	5
202E	0.5	10
202+50E	0.8	5
203	0.9	15
203+50E	0.6	5
204E	0.8	10
204+50E	0.8	5
3N-205E	0.6	5
4N-188E	0.6	10
188+50E	0.8	5
4N-189E	0.6	5

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PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: HI-TEC RESOURCE MANAGEMENT  
PROJECT: ARK 85  
ATTENTION: MALCOLM BELL

FILE: 5-731/P5  
DATE: OCT.3/85.  
TYPE: SOIL GEOCHEM

*We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.*

SAMPLE NUMBER	AG PPM	AU PPB
4N-189+50E	0.5	5
190E	0.6	10
190+50E	0.8	5
191E	0.6	5
191+50E	0.7	5
192E	NO SAMPLE	
192+50E	NO SAMPLE	
193E	NO SAMPLE	
193+50E	NO SAMPLE	
194E	NO SAMPLE	
194+50E	NO SAMPLE	
195E	NO SAMPLE	
195+50E	NO SAMPLE	
196E	NO SAMPLE	
196+50E	0.7	10
197E	0.7	5
197+50E	1.0	5
198E	0.8	5
198+50E	1.1	10
199E	0.9	5
199+50E	0.9	5
4N-200E	0.6	5
5N-197+50E	1.1	10
198E	0.9	5
198+50E	0.7	5
199E	0.6	5
199+50E	0.7	5
200+50W	0.7	10
201W	0.8	10
5N-201+50W	0.9	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

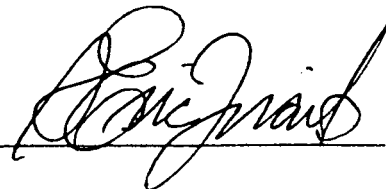
COMPANY: HI-TEC RESOURCE MANAGEMENT  
PROJECT: ARK 85  
ATTENTION: MALCOLM BELL

FILE: 5-731/P6  
DATE: OCT. 3/85.  
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
5N-202W	0.9	10
202+50W	0.8	5
203W	1.0	15
203+50W	1.0	5
204W	0.7	5
204+50W	0.6	5
205W	0.7	5
205+50W	0.6	10
206W	0.8	5
206+50W	0.8	5
207W	0.9	5
5N-207+50W	0.6	5
4S-7+00W	0.4	5
7+50W	0.6	10
8+00W	0.8	5
8+50W	0.6	5
9+00W	0.6	5
9+50W	0.4	10
10+00W	0.6	20
11+00W	0.7	5
11+50W	1.0	10
12+00W	0.6	5
4S-12+50W	0.5	5
6N-197+50E	0.8	10
198E	0.9	40
198+50E	0.6	5
199E	0.6	5
6N-199+50E	0.8	5
BASE-2+50S	0.7	10
BASE-3+00S	0.7	5

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TEL: 604-980-5914 OR 604-980-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE


COMPANY: HI-TEC RESOURCE MANAGEMENT  
 PROJECT: ARK 85  
 ATTENTION: MALCOLM BELL

FILE: S-731/P7  
 DATE: OCT. 4/85.  
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AN PPM	CU PPM	
BASE-3450S	0.9	25	
6N-201E	1.2	5	
7N-198+50E	0.8	5	
199E	1.5	10	
199+50E	0.9	10	
200+50W	0.8	15	
7N-201E	1.3	5	40MESH
8N-198+50E	1.6	10	
199E	1.4	5	
199+50E	1.2	5	
8N-200+50E	0.9	10	
11N-206E	0.8	5	
10N-196+50E	1.0	5	40MESH
197E	0.8	5	
197+50E	0.7	5	
198E	1.7	10	
198+50E	1.1	10	
199E	0.9	5	
199+50E	0.6	5	
200+50E	0.6	10	
201E	0.8	5	
201+50E	1.0	5	
202E	1.3	15	
203E	0.9	10	
203+50E	2.0	35	40MESH
204E	2.7	70	40MESH
204+50E	0.8	225	
205E	0.7	25	40MESH
205+50E	0.8	15	
10N-206E	0.8	5	

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705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

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TELEY: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

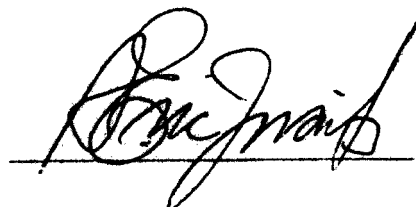
COMPANY: HI-TEC RESOURCE MANAGEMENT  
 PROJECT: ARK 85  
 ATTENTION: MALCOLM BELL

FILE: 5-731/P8  
 DATE: OCT. 2/85.  
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG GPH	CU FPP
194150E	0.5	5
195E	0.4	5
195150E	0.1	10
196E	0.5	5
196150E	0.0	5
197E	0.6	10
197150E	0.8	10
198E	0.6	15
198150E	1.0	5
199E	0.8	5
199150E	0.8	5
49-0400E	0.8	5
0450E	0.6	10
1400E	0.4	5
1150E	0.4	3
2400E	0.8	15
2450E	0.8	10
3400E	1.0	10
3150E	1.0	20
4400E	0.6	5
4450E	0.8	10
5400E	0.6	15
5450E	0.5	5
6400E	0.5	5
49-6450E	0.4	5
18N189100E	0.5	5
189150E	0.4	10
190100E	0.3	10
190450E	0.4	5
18N191100E	0.5	5

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**MIN-EN Laboratories Ltd.**

*Specialists in Mineral Environments*

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1J2

TEL: (604) 278-5814 OR (604) 278-1524

TELEX: 94-352829

GEOCHEMICAL ANALYSIS CERTIFICATE

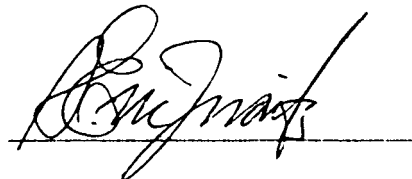
COMPANY: HI-TEC RESOURCE MANAGEMENT  
 PROJECT: ARK 85  
 ATTENTION: MALCOLM BELL

FILE: 5-731/P9  
 DATE: OCT. 4/85.  
 TYPE: SOIL GEOCHEM

*We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.*

SAMPLE NUMBER	AN PPM	PH PPM
139 171450E	0.7	10
172450E	0.7	5
172450E	1.0	10
173450E	0.7	5
173450E	0.5	5
174150E	0.5	10
174150E	1.3	20
174150E	0.8	5
175150E	0.7	20
175150E	1.2	5
176450E	0.7	5
176450E	1.1	10
177150E	1.1	5
177150E	0.2	5
178150E	0.4	10
178150E	0.6	10
178150E	1.0	5
178150E	0.8	5
200450E	0.5	10
200450E	0.6	5
201150E	0.7	10
201450E	0.8	5
202150E	0.7	10
202450E	0.7	5
203450E	0.7	5
203450E	0.5	10
LSM-204400E	0.5	10
2S-0400W	0.4	20
0450W	0.5	5
2S-1400W	0.8	5

Certified by



**MIN-EN Laboratories Ltd.**

*Specialists in Mineral Environments*

205 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4574

TELEFAX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: HI-TEC RESOURCE MANAGEMENT  
 PROJECT: ARK 85  
 ATTENTION: MALCOLM BELL

FILE: 5-731/P10  
 DATE: OCT. 4/85.  
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AR PER	AD PER	
2S-1+50W	1.7	5	
2+00W	0.7	15	
2+50W	0.9	5	
3+00W	0.6	5	
3+50W	1.0	5	
4+00W	0.7	5	
4+50W	0.7	5	
5+00W	0.9	10	
5+50W	0.5	5	40MESH
6+00W	0.9	5	
6+50W	0.8	5	
7+00W	0.8	5	
7+50W	0.6	5	
8+00W	0.8	5	40MESH
8+50W	0.6	10	
9+00W	0.7	5	
9+50W	1.0	5	40MESH
10+00W	0.4	5	
10+50W	1.5	10	
11+00W	1.0	5	40MESH
2S-11+50W	0.7	5	
2410S-0+00	0.7	5	40MESH
4N-13+00W	1.7	5	
4S-0+90W	1.3	5	
4450S-0+00W	0.7	5	
5+00S-0+00W	0.6	5	
5+50S-0+00W	0.8	3	
9N-198+50E	0.9	5	
199+00E	0.9	5	
9N-199+50E	1.1	5	

Certified by



MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 1516 STREET NORTH VANCOUVER, B.C. CANADA V7M 1T7

TEL: (604) 980-5814 OR (604) 980-4524

TELEF: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

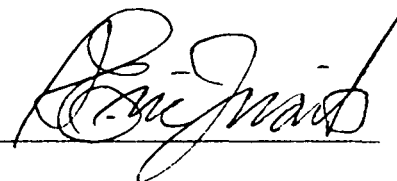
COMPANY: HI-TEC RESOURCE MANAGEMENT  
PROJECT: ARK 85  
ATTENTION: MALCOLM BELL

FILE: S-731/P11  
DATE: OCT. 3/85.  
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 8 samples submitted.

SAMPLE NUMBER	AS PPM	GH PPM
201-200E	0.9	5
201-200450E	0.9	5
104500E-206E	DIR SAMPLE	
1201-200E	0.9	5
201-200E	0.8	10
201-200E	0.8	5
201-200E	1.4	10
1201-206E	0.7	5

Certified by



MIN-EN Laboratories Ltd.  
Specialists in Mineral Environments  
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

16041900-5814 OR 16041900-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: HI-TEC RESOURCE MANAGEMENT  
PROJECT: ARK 85  
ATTENTION: MALCOLM BELL

FILE: 5-731  
DATE: OCT. 4/85.  
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 5 samples submitted.

SAMPLE NUMBER	AG PPB	ALU PPB
1 (D) 202450E	0.8	5
5	0.4	5
22	2.3	10
26	0.9	35
84 (D) 200450E	0.9	10

Certified by



ARK 1-7

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

DATE RECEIVED: SEPT 4 1985

DATE REPORT MAILED: *Sept 11/85*

### GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN.FE.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: PULP AU\* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *V. Saundry* DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

ARK ENERGY

FILE # 85-2222

PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TBS-438	55	13	66	.4	3	2
84-TBS-439	33	10	61	.1	2	3
84-TBS-440	26	4	56	.1	2	2
84-TBS-441	24	6	58	.1	2	3
84-TBS-442	8	6	35	.1	2	1
84-TBS-443	9	2	44	.1	2	1
84-TBS-444	13	8	28	.1	3	2
84-TBS-445	11	4	37	.1	2	1
84-TBS-446	12	10	43	.1	4	1
84-TBS-447	12	11	64	.1	2	1
84-TBS-448	13	9	46	.1	2	2
84-TBS-449	26	11	50	.1	3	1
84-TBS-450	9	10	60	.1	2	1
84-TBS-451	19	10	48	.2	3	1
84-TBS-452	15	13	58	.1	6	1
84-TBS-453	12	4	55	.1	2	2
84-TBS-454	30	13	81	.2	2	1
84-TBS-455	105	24	121	.5	4	2
84-TBS-456	229	17	91	.5	2	1
84-TBS-457	87	8	71	.1	2	1
84-TBS-459	237	23	114	1.1	3	4
84-TBS-462	42	2	50	.6	2	1
84-TBS-463	220	23	165	1.2	4	1
84-TBS-464	36	14	128	.1	7	1
84-TBS-465	38	19	93	.3	2	1
84-TBS-466	42	35	61	.1	3	1
84-TBS-467	25	41	75	.5	3	1
84-TBS-468	61	54	131	.5	11	9
84-TBS-469	35	22	93	.5	4	2
84-TBS-470	49	21	89	.5	3	2
84-TBS-471	30	19	140	.4	3	6
84-TBS-472	33	15	100	.1	8	5
84-TBS-473	27	14	130	.2	2	3
STD C/AU-0.5	60	40	140	7.1	40	510



SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TBS-474	15	11	63	.2	2	1
84-TBS-475	23	14	107	.3	2	6
84-TBS-476	19	16	108	.2	2	2
84-TBS-477	10	9	50	.1	2	3
84-TBS-478	18	10	75	.8	2	1
84-TBS-479	10	12	51	.3	2	2
84-TBS-480	11	8	71	.3	2	1
84-TBS-481	11	9	74	.2	2	9
84-TBS-482	16	15	185	.4	2	6
84-TBS-483	27	19	110	.4	3	3
84-TBS-484	12	9	44	.3	2	2
84-TBS-485	236	13	144	.8	2	3
84-TBS-486	468	15	240	.9	2	1
84-TBS-487	89	18	61	.5	2	4
84-TBS-488	23	2	21	1.0	2	1
84-TBS-489	81	20	80	.7	3	1
84-TBS-490	50	16	65	.2	2	1
84-TBS-491	80	21	66	.5	2	4
84-TBS-492	104	8	64	.4	3	1
84-TBS-493	18	15	51	.2	5	4
84-TBS-494	36	9	57	.3	6	3
84-TBS-495	26	14	80	.1	5	9
84-TBS-496	25	7	63	.1	2	2
84-TBS-497	28	16	69	.3	8	5
84-TBS-499	21	17	77	.1	6	7
84-TBS-500	26	14	76	.2	6	3
84-TBS-501	23	10	69	.1	4	2
84-TBS-502	27	10	56	.1	2	2
84-TBS-503	27	12	61	.1	5	1
84-TBS-504	34	14	65	.1	11	4
84-TBS-505	19	13	69	.3	5	1
84-TBS-506	29	16	63	.1	9	18
84-TBS-507	29	15	97	.1	7	9
84-TBS-508	39	9	57	.1	4	1
84-TBS-509	28	9	44	.1	4	4
STD C/AU-0.5	60	40	139	7.1	38	505

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TBS-510	14	10	49	.1	3	1
84-TBS-511	7	10	25	.1	2	1
84-TBS-512	10	10	41	.2	3	1
84-TBS-513	8	12	52	.2	2	1
84-TBS-514	22	14	64	.1	3	2
84-TBS-515	20	15	90	.1	3	5
84-TBS-516	12	12	67	.1	4	4
84-TBS-517	12	7	69	.1	3	6
84-TBS-518	15	13	56	.2	7	1
84-TBS-519	11	10	55	.3	4	1
84-TBS-520	13	9	63	.1	4	1
84-TBS-521	12	9	83	.1	5	1
84-TBS-522	16	12	103	.1	6	2
84-TBS-523	18	7	49	.1	5	3
84-TBS-524	10	7	63	.1	2	1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TBS-525	15	14	106	.4	4	1
84-TBS-526	14	10	68	1.1	4	1
84-TBS-527	13	13	51	.4	5	26
84-TBS-528	8	8	22	.3	2	12
84-TBS-529	61	27	82	1.0	4	1
84-TBS-530	7	9	26	.2	2	4
84-TBS-531	10	12	66	.6	5	2
84-TBS-532	6	6	30	.2	4	1
84-TBS-533	10	10	43	.2	5	1
84-TBS-534	10	8	49	.6	2	2
84-TBS-535	6	8	33	.3	2	1
84-TBS-536	10	9	49	.2	5	1
84-TBS-537	16	8	61	.3	5	36
84-TBS-538	15	16	53	.4	6	6
84-TBS-539	7	4	35	.5	4	2
84-TBS-540	9	9	54	.2	7	1
84-TBS-602	27	12	83	.6	5	2
STD C/AU-0.5	59	40	137	7.0	38	500

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TBS-603	22	17	133	.3	9	30
84-TBS-604	15	9	96	.2	5	1
84-TBS-605	13	11	95	.4	5	4
84-TBS-606	25	6	51	.1	7	4
84-TBS-607	15	7	70	.1	3	1
84-TBS-608	15	10	77	.1	5	4
84-TBS-609	14	9	54	.2	5	2
84-TBS-610	26	12	138	.1	8	2
84-TBS-611	16	2	55	.2	7	2
84-TBS-612	12	9	60	.2	4	2
84-TBS-613	75	9	67	.3	2	1
84-TBS-614	22	12	68	.2	8	19
84-TBS-615	11	6	39	.1	6	2
84-TBS-616	15	11	41	.3	6	4
84-TBS-617	14	8	14	.2	3	5
84-TBS-618	12	4	28	.1	2	2
84-TBS-619	22	8	35	.3	8	11
84-TBS-620	6	8	9	.3	2	19
84-TBS-621	26	9	34	.2	4	4
84-TBS-622	50	12	45	.3	4	9
84-TBS-623	79	8	43	.5	3	8
84-TBS-624	72	10	41	.1	5	14
84-TBS-625	46	8	56	.4	4	13
84-TBS-626	16	7	19	.3	2	27
84-TBS-627	16	2	12	.7	4	1
84-TBS-628	13	5	72	.1	5	3
84-TBS-629	8	4	55	.1	3	1
84-TBS-630	9	7	33	.1	3	3
84-TBS-631	15	9	86	.1	4	3
84-TBS-632	7	11	68	.2	2	2
84-TBS-633	18	10	60	.1	6	2
84-TBS-634	13	6	49	.1	8	3
84-TBS-635	20	6	50	.2	8	1
84-TBS-636	15	7	51	.2	5	25
84-TBS-637	7	10	25	.1	3	2
84-TBS-638	8	8	42	.1	3	1
STD C/AU-0.5	60	41	136	6.9	40	505

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TBS-639	12	9	52	.1	4	7
84-TBS-640	20	4	34	.1	3	55
84-TBS-641	15	9	54	.3	3	2
84-TBS-642	16	6	42	.1	4	5
84-TGS-768	22	9	146	.1	2	1
84-TGS-769	19	15	88	.1	4	2
84-TGS-770	18	9	77	.1	4	2
84-TGS-771	5	10	18	.1	2	1
84-TGS-772	16	8	42	.1	2	2
84-TGS-773	12	12	49	.3	3	4
84-TGS-774	16	13	44	.1	5	1
84-TGS-775	12	13	29	.1	3	2
84-TGS-776	21	12	69	.1	2	1
84-TGS-777	11	6	29	.2	2	1
84-TGS-778	9	10	27	.1	2	1
84-TGS-779	14	9	69	.1	2	13
84-TGS-780	4	6	17	.1	2	1
84-TGS-781	5	10	16	.1	3	1
84-TGS-782	20	14	54	.1	3	10
84-TGS-783	20	14	72	.1	2	6
84-TGS-784	12	9	24	.1	3	1
84-TGS-785	9	8	31	.1	2	1
84-TGS-786	29	8	50	.1	5	2
84-TGS-787	5	9	14	.1	2	2
84-TGS-788	18	7	50	.1	2	1
84-TGS-789	17	12	55	.1	2	1
84-TGS-790	14	11	35	.1	2	18
84-TGS-791	5	9	13	.1	2	4
84-TGS-792	9	6	31	.1	2	1
84-TGS-793	86	54	93	.3	3	1
84-TGS-794	23	20	61	.1	4	2
84-TGS-795	20	8	61	.1	3	1
84-TGS-796	15	10	44	.1	2	2
84-TGS-797	23	12	67	.1	2	1
84-TGS-798	28	10	70	.1	2	1
84-TGS-799	16	10	56	.1	4	1
STD C/AU-0.5	61	40	135	7.0	38	500

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TGS-800	18	11	44	.2	3	7
84-TGS-801	18	11	46	.1	2	3
84-TGS-802	204	21	137	2.3	2	1
84-TGS-803	22	11	50	.1	2	1
84-TGS-804	540	55	169	2.3	6	1
84-TGS-805	9	9	27	.1	2	2
84-TGS-806	19	11	48	.1	6	3
84-TGS-807	55	184	139	.3	4	2
84-TGS-808	12	9	35	.1	5	1
84-TGS-809	10	10	25	.1	4	1
84-TGS-810	17	8	43	.1	3	2
84-TGS-811	10	9	40	.2	3	2
84-TGS-812	22	13	53	.3	3	4
84-TGS-813	14	13	38	.2	5	1
84-TGS-814	18	11	55	.2	4	1
84-TGS-815	13	13	45	.1	2	1
84-TGS-816	11	10	43	.1	2	1
84-TGS-817	15	11	40	.1	4	1
84-TGS-818	27	9	37	.1	3	1
84-TGS-819	20	18	54	.2	2	1
84-TGS-820	27	13	52	.3	4	1
84-TGS-821	13	11	44	.1	6	1
84-TGS-822	14	13	41	.1	2	1
84-TGS-823	15	14	51	.2	8	3
84-TGS-824	15	7	45	.2	3	1
84-TGS-825	12	10	33	.1	3	1
84-TGS-826	52	16	58	.2	4	2
84-TGS-827	16	10	40	.1	2	1
84-TGS-828	22	16	76	.4	3	25
84-TGS-829	25	22	82	.3	6	18
84-TGS-830	22	10	64	.7	4	9
84-TGS-831	17	19	49	.3	5	36
84-TGS-832	20	16	59	.2	4	22
84-TGS-833	17	18	89	.1	5	14
84-TGS-834	15	14	65	.2	4	4
84-TGS-835	13	12	79	.1	2	17
STD C/AU-0.5	61	40	133	7.1	40	485

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TGS-836	17	13	65	.1	8	1
84-TGS-837	16	13	70	.1	4	1
84-TGS-838	19	13	47	.2	5	23
84-TGS-839	12	14	78	.1	4	4
84-TGS-840	20	18	63	.1	2	1
84-TGS-841	18	10	46	.1	5	1
84-TGS-842	17	12	61	.1	4	2
84-TGS-843	20	12	55	.1	6	1
84-TGS-844	21	11	60	.1	5	1
84-TGS-845	34	10	64	.1	5	3
84-TGS-846	29	11	57	.1	3	4
84-TGS-847	55	9	76	.1	3	1
84-TGS-848	41	13	76	.1	3	2
84-TGS-849	17	5	32	.1	3	4
84-TGS-850	21	6	31	.1	4	1
84-TGS-851	21	6	37	.2	3	3
84-TGS-852	12	11	68	.2	5	3
84-TGS-853	11	12	40	.1	5	1
84-TGS-854	11	8	33	.1	5	9
84-TGS-855	9	10	125	.1	5	1
84-TGS-905	23	9	79	1.1	5	1
84-TGS-906	45	9	55	.2	5	7
84-TGS-907	15	13	70	.1	4	1
84-TGS-908	20	10	73	.1	6	5
84-TGS-909	19	9	64	.1	6	1
84-TGS-910	22	8	58	.1	6	2
84-TGS-911	28	6	72	.1	5	10
84-TGS-912	15	4	61	.1	5	1
84-TGS-913	16	6	57	.1	5	1
84-TGS-914	15	17	134	.6	7	1
84-TGS-915	13	11	46	.1	3	1
84-TGS-916	14	6	35	.1	8	-
84-TGS-917	10	8	44	.1	5	1
84-TGS-918	11	9	50	.2	6	1
84-TGS-919	12	10	33	.1	2	5
84-TGS-920	10	11	41	.1	6	85
STD C/AU-0.5	61	39	132	7.1	41	505

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TGS-921	8	5	36	.1	2	1
84-TGS-922	16	10	45	.2	2	1
84-TGS-923	13	10	45	.5	2	2
84-TGS-924	8	11	45	.1	2	1
84-TGS-925	8	10	48	.2	2	1
84-TGS-926	46	10	20	.4	2	1
84-TGS-927	15	2	10	.3	2	1
84-TGS-928	15	8	38	.5	2	4
84-TGS-929	14	8	35	.1	2	1
84-TGS-930	18	17	53	.4	2	1
84-TGS-931	7	9	42	.2	2	1
84-TGS-932	44	4	14	.7	2	1
84-TGS-933	24	12	70	.4	2	1
84-TGS-934	13	14	100	.2	2	2
84-TGS-935	21	13	74	.5	2	1
84-TGS-936	23	17	72	.4	4	1
84-TGS-937	18	14	90	.2	3	1
84-TGS-938	32	11	89	.9	3	1
84-TGS-939	23	12	91	.2	4	1
84-TGS-940	15	9	52	.1	4	5
84-TGS-941	17	12	114	.4	4	1
84-TGS-942	54	13	56	.4	8	6
84-TGS-943	36	15	85	.1	5	1
84-TGS-944	21	14	85	.4	4	460
84-TGS-945	15	10	65	.8	3	1
84-TGS-946	21	10	57	.5	4	3
84-TGS-947	18	11	79	.4	2	1
84-TGS-948	10	10	51	.8	3	2
84-TGS-949	11	11	56	.3	7	1
84-TGS-950	13	9	67	.3	4	1
84-TGS-951	20	6	58	.3	5	3
84-TGS-982	21	11	39	.1	5	2
84-TGS-983	12	9	54	.3	2	11
84-TGS-984	15	10	51	.2	3	3
84-TGS-985	17	9	31	.4	4	1
84-TGS-986	17	14	55	.4	5	2
84-TGS-987	21	9	55	.2	4	3
STD C/AU-0.5	59	39	132	7.0	40	485



SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TGS-988	20	8	34	.2	5	5
84-TGS-989	6	11	23	.6	2	4
84-TGS-990	17	8	34	.3	4	1
84-TGS-991	8	5	56	.3	2	1
84-TGS-992	11	14	52	.4	3	2
84-TGS-993	18	13	51	.2	5	4
84-TGS-994	15	9	29	.2	3	5
84-TGS-995	12	8	38	.3	4	1
84-TGS-996	12	9	31	.3	6	3
84-TGS-997	61	24	42	.7	2	6
84-TGS-998	43	20	115	.3	5	1
84-TGS-999	10	5	25	.2	3	2
84-TGS-1000	28	11	35	.3	4	4
84-TGS-1001	3	10	11	.2	3	6
84-TGS-1002	18	12	38	.3	5	2
84-TGS-1003	18	11	26	.3	6	3
84-TGS-1004	8	6	33	.1	3	2
84-TGS-1005	75	25	99	1.0	4	1
84-TSS-250	25	7	119	.1	4	1
84-TSS-251	16	14	75	.2	7	1
84-TSS-252	17	7	61	.1	3	6
84-TSS-253	10	11	47	.2	2	8
84-TSS-254	17	9	50	.1	2	8
84-TSS-255	18	15	68	.2	2	1
84-TSS-256	25	42	110	.2	2	4
84-TSS-257	7	13	20	.3	2	1
84-TSS-258	15	12	37	.1	2	4
84-TSS-259	11	8	23	.1	3	1
84-TSS-260	10	9	21	.1	2	1
84-TSS-262	20	8	30	.1	3	1
84-TSS-263	14	11	36	.1	5	1
84-TSS-264	24	19	64	.1	6	1
84-TSS-265	21	14	52	.1	12	6
STD C/AU-0.5	60	39	133	7.1	37	480

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TSS-266	6	2	14	.1	3	1
84-TSS-267	17	9	57	.1	3	1
84-TSS-268	11	6	40	.1	2	1
84-TSS-269	15	9	62	.1	3	1
84-TSS-270	27	7	82	.1	2	80
84-TSS-271	14	7	47	.3	2	1
84-TSS-272	17	10	58	.1	4	1
84-TSS-273	15	7	39	.1	5	1
84-TSS-274	12	7	29	.1	5	1
84-TSS-275	10	8	21	.1	2	1
84-TSS-276	12	7	30	.1	4	1
84-TSS-277	21	11	72	.1	3	2
84-TSS-278	18	10	67	.3	5	1
84-TSS-279	20	11	60	.4	9	1
84-TSS-280	13	9	43	.1	8	1
84-TSS-281	26	9	38	.5	5	2
84-TSS-282	12	4	41	.2	4	1
84-TSS-283	15	5	58	.2	7	1
84-TSS-284	32	15	53	.2	5	1
84-TSS-285	44	15	53	.1	4	2
84-TSS-286	169	16	101	.3	6	1
84-TSS-287	29	9	49	.2	4	1
84-TSS-288	36	8	73	.2	3	1
84-TSS-289	42	14	75	.4	4	1
84-TSS-290	81	11	75	.3	4	1
84-TSS-291	67	13	66	.3	3	1
84-TSS-292	54	13	86	.2	2	1
84-TSS-293	32	7	70	.2	2	2
84-TSS-294	33	12	84	.1	2	95
84-TSS-295	26	12	79	.3	6	1
84-TSS-296	18	10	87	.1	2	1
84-TSS-297	15	12	56	.1	3	1
84-TSS-298	42	12	60	.2	3	1
84-TSS-299	23	11	43	.3	6	1
84-TSS-300	23	11	71	.1	4	2
84-TSS-301	22	12	72	.1	6	1
STD C/AU-0.5	61	39	129	7.0	40	480

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TSS-302	18	10	65	.1	5	1
84-TSS-303	7	10	41	.4	2	4
84-TSS-304	18	11	62	.4	5	1
84-TSS-305	37	14	47	.9	3	2
84-TSS-306	30	8	24	.6	2	1
84-TSS-307	36	11	43	.5	3	3
84-TSS-308	40	3	30	.7	2	14
84-TSS-309	9	9	24	.2	2	2
84-TSS-310	14	2	24	.2	2	1
84-TSS-311	17	10	32	.2	5	1
84-TSS-312	16	10	39	.1	2	1
84-TSS-313	37	11	74	.6	6	1
84-TSS-314	23	12	95	.3	5	1
84-TSS-315	34	10	66	.3	5	2
84-TSS-316	18	18	61	.2	7	1
84-TSS-317	16	15	55	.1	5	1
84-TSS-318	26	13	68	.2	4	1
84-TSS-319	16	10	62	.4	4	1
84-TSS-320	20	9	115	.1	2	2
84-TSS-321	13	10	37	.1	2	4
84-TSS-322	18	7	53	.3	5	2
84-TSS-323	11	5	27	.5	3	1
84-TSS-324	18	15	71	.1	2	2
84-TSS-325	13	4	33	.2	3	6
84-TSS-326	40	13	81	.2	4	1
84-TSS-327	39	15	88	.1	5	2
84-TSS-328	19	18	72	.1	3	3
84-TSS-329	43	23	213	.8	36	55
84-TSS-330	19	6	38	.1	6	24
84-TSS-331	22	15	118	.1	6	1
84-TSS-332	23	24	124	.2	15	10
84-TSS-333	117	19	500	1.5	24	26
84-TSS-334	224	49	944	3.0	63	1
84-TSS-335	85	54	302	1.1	27	25
84-TSS-337	175	38	391	1.5	13	18
STD C/AU-0.5	58	41	135	7.1	38	495

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TSS-338	188	18	176	1.6	41	19
84-TSS-339	56	33	560	.9	21	33
84-TSS-340	39	32	131	.7	17	18
84-TSS-341	45	29	112	.9	13	70
84-TSS-342	17	15	53	.4	3	4
84-TSS-343	22	17	72	.4	6	75
84-TSS-344	12	11	52	.3	3	1
84-TSS-345	11	12	47	.3	2	1
84-TSS-346	15	7	54	.3	4	1
84-TSS-347	14	22	89	.3	2	2
84-TSS-348	27	9	50	.3	4	1
84-TSS-349	18	12	50	.2	2	1
84-TSS-350	25	16	45	.4	5	1
84-TSS-351	202	13	41	.5	2	1
84-TSS-352	19	20	69	.5	2	8
84-TSS-353	24	8	69	.3	2	1
84-TSS-354	29	13	51	.5	5	1
84-TSS-355	22	14	37	.5	2	1
84-TSS-356	25	11	86	.2	5	1
84-TSS-357	20	15	79	.4	8	1
84-TSS-358	19	14	144	.4	4	1
84-TSS-359	17	13	235	.3	3	1
84-TSS-360	23	12	197	.3	2	12
84-TSS-361	15	14	123	.3	3	8
84-TSS-362	18	14	116	.2	4	8
84-TSS-363	22	17	127	.4	3	1
84-TSS-364	14	12	66	.2	3	1
84-TSS-365	14	15	95	.6	2	8
84-TSS-366	14	23	275	1.0	2	1
84-TSS-367	10	13	77	.3	3	2
84-TSS-368	13	13	145	.2	4	22
84-TSS-369	15	11	81	.1	2	1
84-TSS-370	13	11	118	.2	2	1
84-TSS-371	15	29	188	.6	2	4
84-TSS-372	89	26	910	4.8	4	8
84-TSS-373	19	25	169	.4	2	2
STD C/AU-0.5	58	40	132	6.9	38	500

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TSS-374	22	16	79	.3	2	1
84-TSS-375	18	12	98	.2	2	1
84-TSS-376	28	13	87	.4	2	1
84-TSS-377	13	14	95	.5	2	1
84-TSS-378	36	12	90	.4	2	1
84-TSS-379	76	9	64	.2	3	1
84-TSS-380	20	8	48	.3	2	2
84-TSS-381	14	10	48	.1	3	1
84-TSS-382	19	16	56	.2	2	1
84-TSS-383	22	11	48	.2	4	65
84-TSS-384	29	12	48	.1	4	1
84-TSS-385	14	6	63	.3	3	1
84-TSS-386	13	11	52	.2	2	1
84-TSS-387	13	9	43	.1	2	1
84-TSS-388	28	5	65	.1	5	2
84-TSS-389	41	10	84	.1	3	1
84-TSS-390	131	17	132	.7	6	1
84-TSS-391	10	7	43	.2	2	9
84-TSS-392	100	16	88	.1	2	1
84-TSS-393	302	31	132	.4	2	1
84-TSS-394	41	21	78	.3	2	1
84-TSS-395	23	8	64	.2	2	1
84-TSS-396	35	17	72	.1	2	3
84-TSS-397	152	33	161	.7	3	1
84-TSS-442	36	15	85	.4	5	16
84-TSS-443	19	10	78	.2	2	6
84-TSS-444	28	12	56	.1	6	3
84-TSS-445	20	9	80	.1	2	3
84-TSS-446	27	12	54	.1	6	10
84-TSS-447	19	13	50	.1	5	2
84-TSS-448	33	10	72	.3	4	2
84-TSS-449	23	12	44	.2	6	1
84-TSS-450	11	11	85	.2	4	2
84-TSS-451	15	6	29	.3	3	10
84-TSS-452	8	7	40	.1	4	1
84-TSS-453	18	18	105	.3	5	1
STD C/AU-0.5	61	40	134	7.2	39	495

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
84-TSS-454	17	11	41	.4	2	4
84-TSS-455	15	12	105	.4	6	9
84-TSS-456	23	15	44	.4	6	5
84-TSS-457	13	10	63	.5	5	21
84-TSS-458	6	7	28	.2	4	3
84-TSS-459	8	6	32	.2	3	2
84-TSS-460	7	8	28	.2	2	1
84-TSS-461	10	15	42	.4	5	2
84-TSS-462	7	7	28	.3	2	4
84-TSS-463	20	12	54	.5	4	1
84-TSS-464	10	12	37	.2	5	1
84-TSS-465	12	9	67	.5	2	2
84-TSS-466	13	12	49	.3	4	60
84-TSS-467	19	9	67	.5	4	2
84-TSS-468	13	11	38	.3	7	1
84-TSS-469	17	9	39	.2	3	3
84-TSS-470	30	20	146	.5	8	350
84-TSS-471	23	16	90	.2	2	4
84-TSS-472	21	16	78	.8	2	1
84-TSS-473	14	13	64	.3	3	1
84-TSS-474	14	15	96	.3	3	2
84-TSS-475	24	20	73	.8	6	6
84-TSS-476	15	11	66	.4	3	3
84-TSS-477	21	10	64	.3	3	160
84-TSS-478	17	10	55	.3	4	2
84-TSS-479	20	12	78	.5	6	75
84-TSS-480	14	6	49	.2	2	1
84-TSS-481	13	9	33	.1	2	1
STD C/AU-0.5	59	41	132	7.1	39	510

VANGEOCHEM LAB LTD.  
1521 Pemberton Ave.  
North Vancouver, B.C.  
V7P 2S3

TO: HI - TEC RESOURCES LTD.  
#1970 - 1055 W. Hastings Street  
Vancouver, B.C. V6E 2H1

FROM: Vangeochem Lab Ltd.  
1521 Pemberton Ave.  
North Vancouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine hot acid soluble  
for Cu, Pb, Zn, & Ag in geochemical silt, soil, and  
samples.

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4" x 6" Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.
- (b) The dried soil and silt samples were sifted by hand using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

- (a) 0.50 gram of the minus 80-mesh samples was used. Samples were weighed out by using a top-loading balance.
- (b) Samples were heated in a sand bath with nitric and perchloric acids (15% to 85% by volume of the concentrated acids respectively).
- (c) The digested samples were diluted with demineralized water to a fixed volume and shaken.

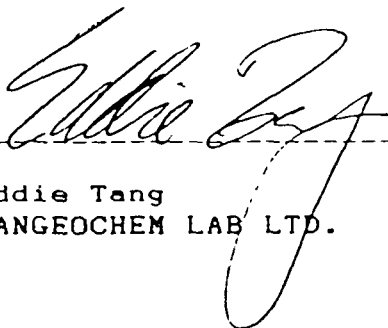
3. Method of Analysis

Cu, Pb, Zn, & Ag analyses were determined by using a Techtron Atomic Absorption Spectrophotometer Model AAS with their respective hollow cathode lamps. The digested samples were aspirated directly into an air and acetylene mixture flame. The results, in parts per million, were calculated by comparing a set of standards to calibrate the atomic absorption units.

4. Background Correction

A hydrogen continuum lamp is used to correct the Silver background interferences.

5. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and the laboratory staff.



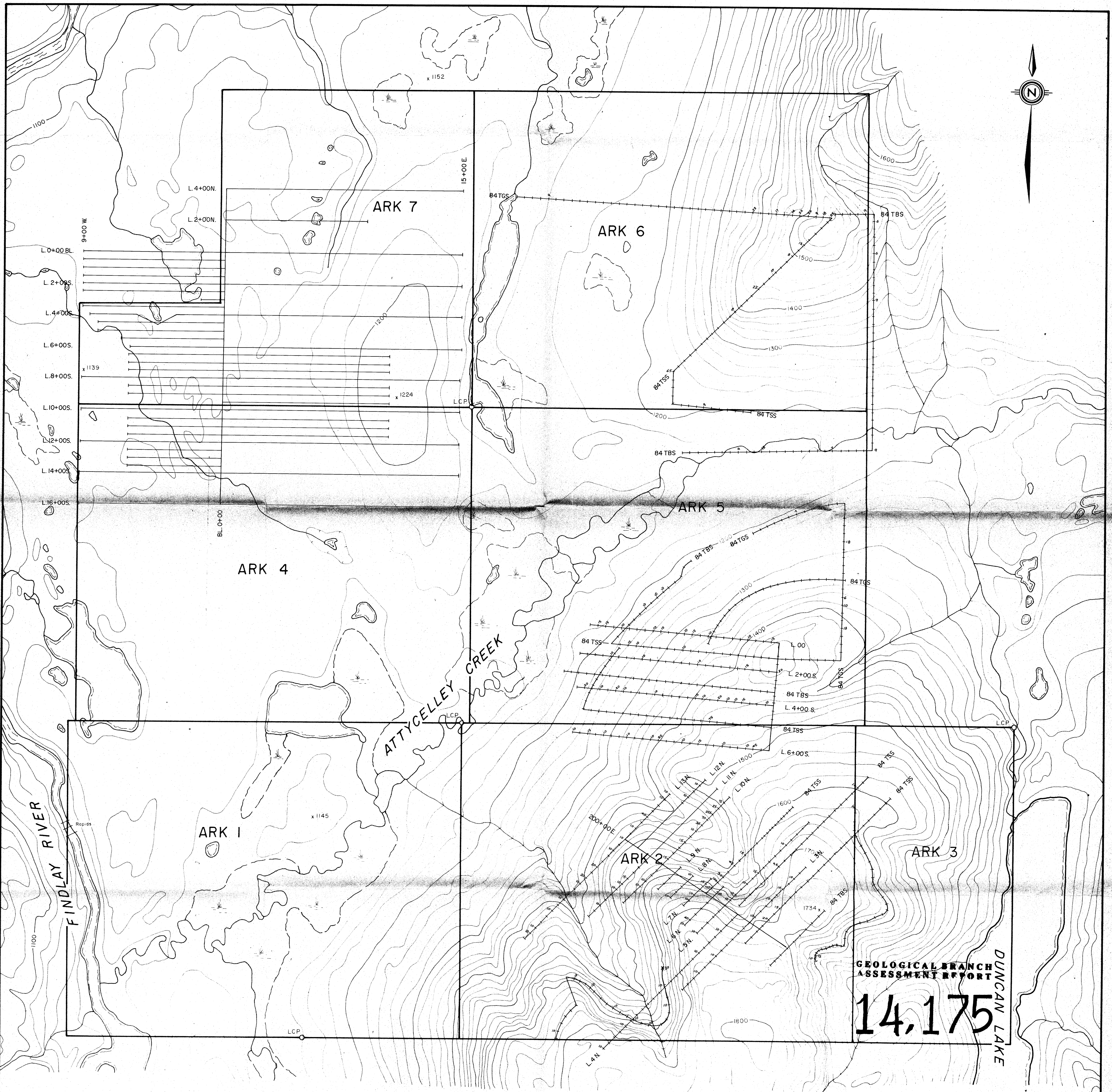
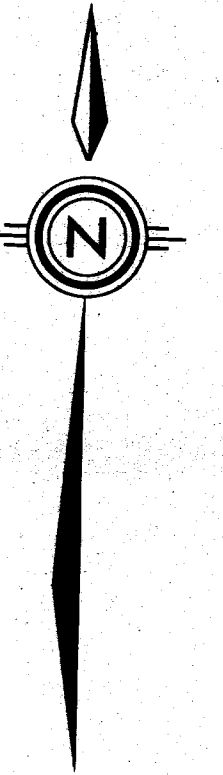
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Eddie Tang  
VANGEOCHEM LAB LTD.



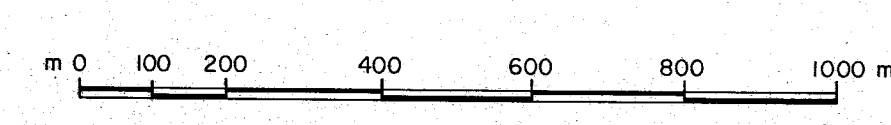






GEOLOGICAL BRANCH  
ASSESSMENT REPORT  
**14,175**  
DUNCAN LAKE

**LEGEND**  
● SOIL SAMPLE LOCATION AND GOLD SAMPLE IN PPB  
VALUES LESS THAN 5 PPB NOT PLOTTED  
x ROCK CHIP SAMPLE - 1985

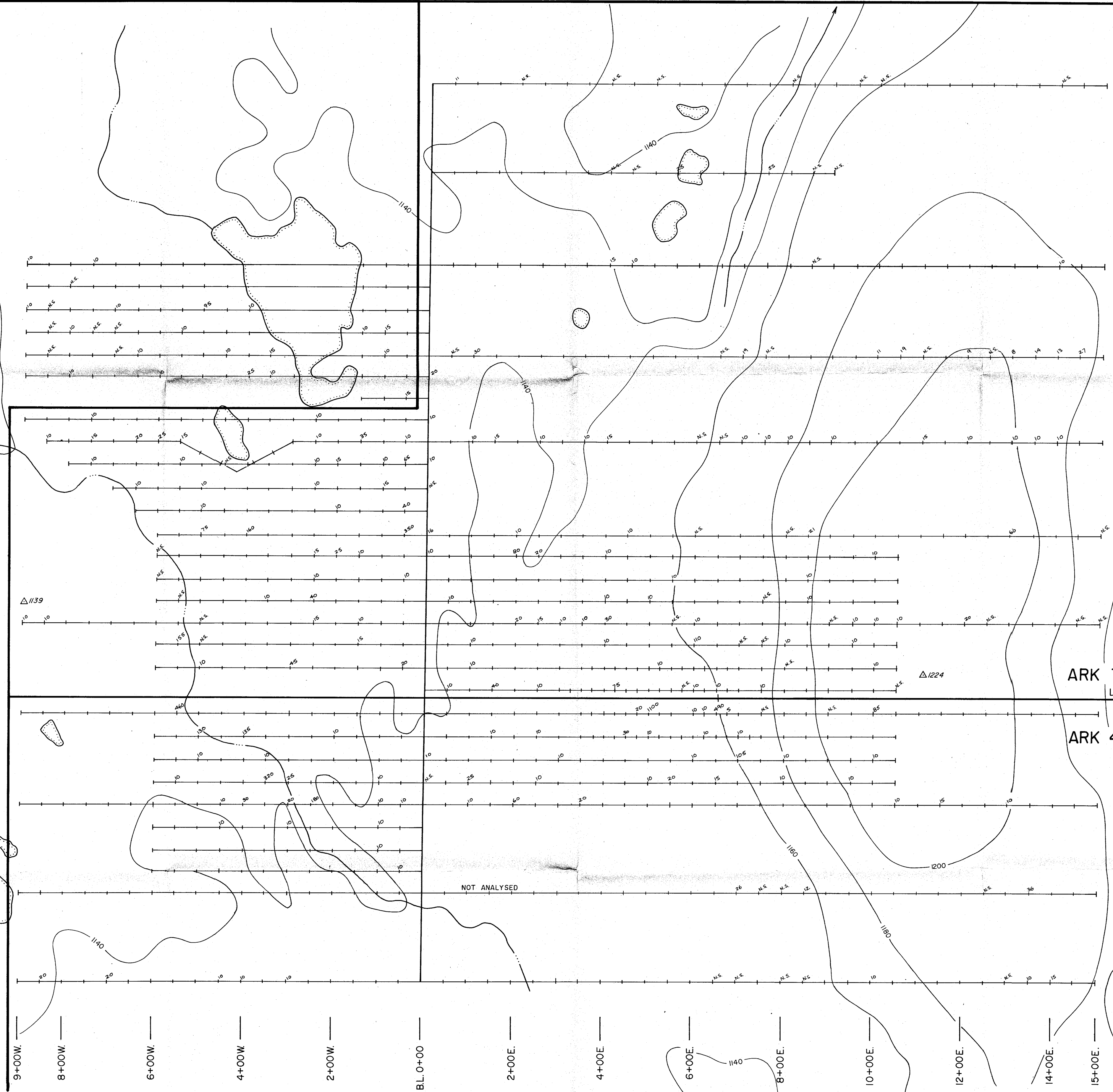


ARK ENERGY LTD.	
THUTADE LAKE PROJECT	
OMINECA M.D.	N.T.S. 94E/2W
ARK 1-7 CLAIM GROUP	
GEOCHEMICAL PLAN	
GOLD IN PPB (EAST HALF)	
H.I. TEC RESOURCE MANAGEMENT LIMITED	DWN. BY: J.W. CHK. BY: SCALE: 1:10,000
DATE: NOV. 1985	FIGURE NO. 3



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14,175



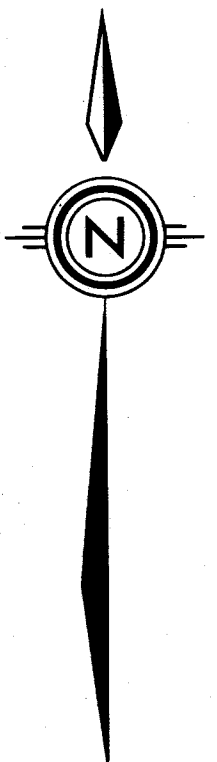
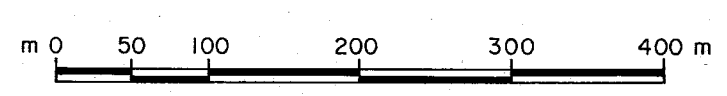
L.4+00 N.  
L.0+00 B.L.  
L.2+00S.  
L.4+00S.  
L.6+00S.  
L.8+00S.  
L.10+00S.  
L.12+00S.  
L.14+00S.  
L.16+00S.

ARK 7  
L.C.P.  
ARK 4

ARK 6  
ARK 5

NOT ANALYSED

SOIL SAMPLE LOCATION AND GOLD SAMPLE IN PPB  
VALUES LESS THAN 5 PPB NOT PLOTTED



ARK ENERGY LTD.		
THUTADE LAKE PROJECT		
OMINECA M.D.	N.T.S. 94 E/2 W	
ARK 1-7 CLAIM GROUP		
GEOCHEMICAL PLAN		
GOLD IN PPB (WEST HALF)		
	DWN. BY: J.W.	DATE: Nov. 1985
	CHK. BY:	FIGURE NO. 4
	SCALE: 1:5,000	