85-434-14327
07/86

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,327

1985 REPORT ON FIELDWORK

ON THE

SAN JUAN PROPERTY

Port Renfrew Area
Victoria Mining Division

Latitude 48°33'
Longtitude 124°05'
NTS 92C/9, 92B/12

for

Expeditor Resource Group Ltd.
1970 - 1055 West Hastings Street
Vancouver, B.C.
V6E 2J3

by

A. Smallwood

June, 1985

HI-TEC
RESOURCE
MANAGEMENT
LIMITED

TABLE OF CONTENTS

ILLUSTRATIONS

SUMMARY

The San Juan property, consisting of 457 units, is located on Vancouver Island approximately 70 km north of Victoria.

The claims are underlain by metamorphosed pelitic sediments of the Leech River Formation, which are intruded by concordant to semi-concordant diorite sills.

Work on the property during 1984-85 was conducted by Hi-Tec Resource Management Ltd.

Objectives of the program were as follows:

1. To provide detailed silt sampling and prospecting of all accessible creeks on the property.

2. Soil sample area of gold-arsenic anomalies discovered by stream sediment and pan sampling from earlier surveys.

CONCLUSIONS

The 1984 and 1985 program has outlined two areas of interest on the San Juan property. Both areas consist of concordant to semi-concordant diorite sills and associated silicification and quartz veining in the phyllite and schist. The eastern area near the Jordon River has shown anomalous arsenic and gold values over small widths. The western area in upper Three Arm Creek consists of a diorite sill swarm of 150 m width and a possible strike length of over 2.5 km. Grab samples from this sill swarm have returned anomalous values in chromium, nickel, tin and tungsten and await further analysis for gold.

Silt and soil geochemical anomalies are scattered over the rest of the property and must receive further follow-up prospecting to determine their source and importance.

RECOMMENDATIONS

Selected samples, including those anomalous in arsenic and/or base metals and all rock samples, from the 1985 program should be run for gold (ppb) by standard geochemical analysis. Samples showing anomalous values in tin and tungsten should be run by standard geochemical analysis for these elements to determine whether the area shows potential for tin-tungsten mineralization.

The detailed stream sediment survey should be completed in the higher altitude areas that were snowbound in the spring 1985 program, this includes the Jordan River area and the southern drainages of the property. The Jordan River area should also receive further soil sampling and prospecting in the area of previous gold anomalies.

Detailed prospecting should be utilized to follow-up presently known anomalies in stream sediment and soil samples.

Further fieldwork is necessary to trace out and detail sample the diorite sill swarm in upper Three Arm Creek. This would include blasting and sampling of known exposures of the sills; prospecting and soil sampling traverses across the strike in areas between the exposures.

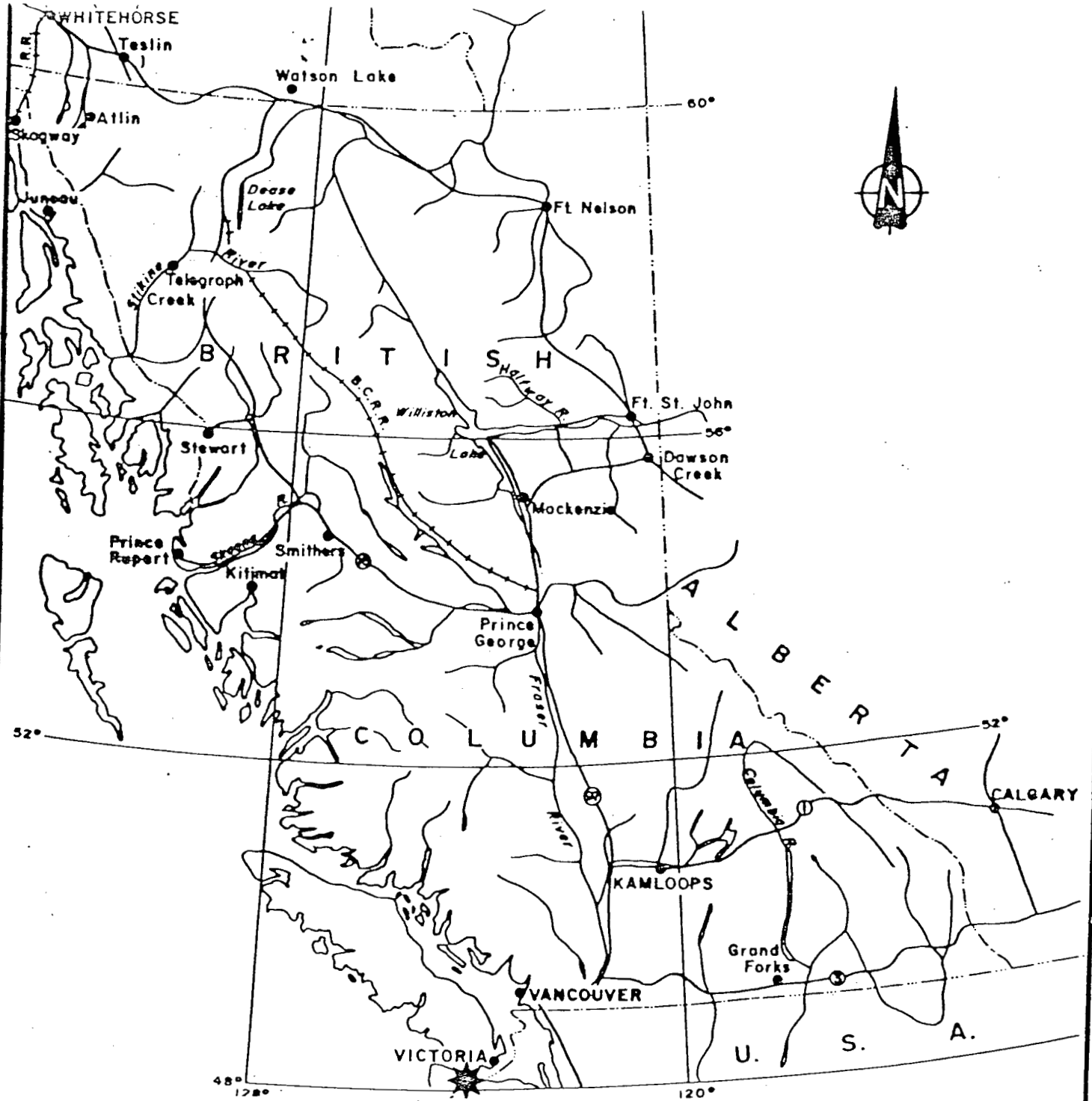
INTRODUCTION

Location and Access

The San Juan claims are located 20 km east of Port Renfrew on the west coast of Vancouver Island in the Victoria Mining Division.

Access to the claims is by a good all weather gravel road from Port Renfrew. Logging operations have left a good road network which provide easy entry to much of the lower altitude claim areas.

Port Renfrew is approximately 90 km by good paved road from Victoria and has adequate facilities for small exploration crews.



EXPEDITOR RESOURCE GROUP LTD.

SAN JUAN PROJECT

LOCATION MAP

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN. BY:	DATE: June/85
CHK. BY:	FIGURE Nº. 1.
SCALE:	

Topography and Climate

Topography is steep, vegetation ranges from extremely heavy in second growth forest to light underbrush in areas of virgin timber. Altitudes range from a few meters above sea-level to 1000 m.

Stream flows are erratic, depending on the snow and rain which is generally heavy during the short winter. Because of the location the climate is relatively mild and work can proceed for 8-10 months of the year.

History

Regional history is documented by Edward Grove in his 1984 report on the Expeditor Resource Group Ltd. property and the reader is referred to this report for further information.

On the San Juan claims reconnaissance since 1983 consists of an airborne geophysical survey, stream sediment and soil sampling, heavy mineral panning, prospecting and geological mapping. Several stream sediment and heavy mineral gold and arsenic anomalies were discovered.

1984 Program

The 1984 program was conducted by two man crews at various times of the year. The work consisted of reconnaissance stream sediment and pan concentrate survey of the whole property and included mapping, prospecting and channel sampling narrow diorite sills and associated quartz veins in the Jordan River area.

1985 Program

The 1985 program was conducted between March 15 and April 6 and consisted of:

1. Detailed silt sampling of creeks up to the snowline, which was approximately 500 m altitude.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,327

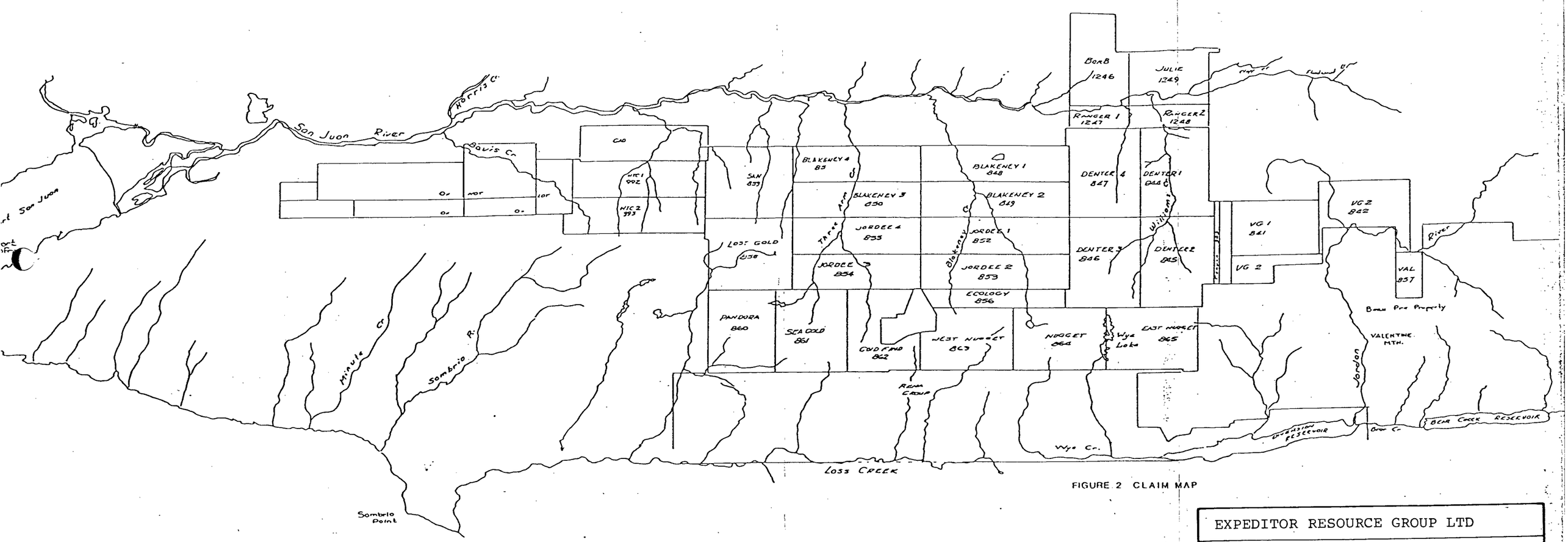


FIGURE 2 CLAIM MAP

EXPEDITOR RESOURCE GROUP LTD		
SAN JUAN GROUP		
CLAIM MAP		
HI-TEC RESOURCE MANAGEMENT LIMITED	DWN. BY:	DATE: June/85
	CHK. BY:	FIGURE No. 2.
	SCALE:	

2. Soil sample lines in areas of stream sediment gold and arsenic anomalies.

3. Mapping, sampling and prospecting of a diorite sill swarm and associated silicification and quartz veining discovered while silt sampling the upper Three Arm Creek area.

A crew of four prospectors and samplers worked the claims and collected a total of 473 silt, soil and rock samples.

The headwaters of many creeks proved inaccessible due to the unseasonally heavy snow at higher altitudes. Cedar Creek and Williams Creek were mostly inaccessible due to the presence of steep canyons, water falls and heavy forest cover.

Claims

	Claim Name	Record No.	Units	Expiry Date*
Group A	Lost Gold	858	20	April 11, 1985
	San	859	20	April 11, 1985
	Pandora	860	20	April 11, 1985
	HTC 1	992	16	June 15, 1985
	HTC 2	993	16	June 15, 1985
	Total Units		92	
Group B	Blakeney 3	850	14	April 11, 1985
	Blakeney 4	851	14	April 11, 1985
	Jordee 3	854	14	April 11, 1985
	Jordee 4	855	14	April 11, 1985
	Seagold	861	20	April 11, 1985
	Goldfind	862	20	April 11, 1985
	Total Units		96	

1:10,000

FIG. 1

LEGEND

LEECH RIVER FORMATION

UNIT 1 GREYWACKE
2 SANDSTONE
3 ARGILLITE 3a black phyllite; 3b sandy phyllite
4 GREENSCHIST

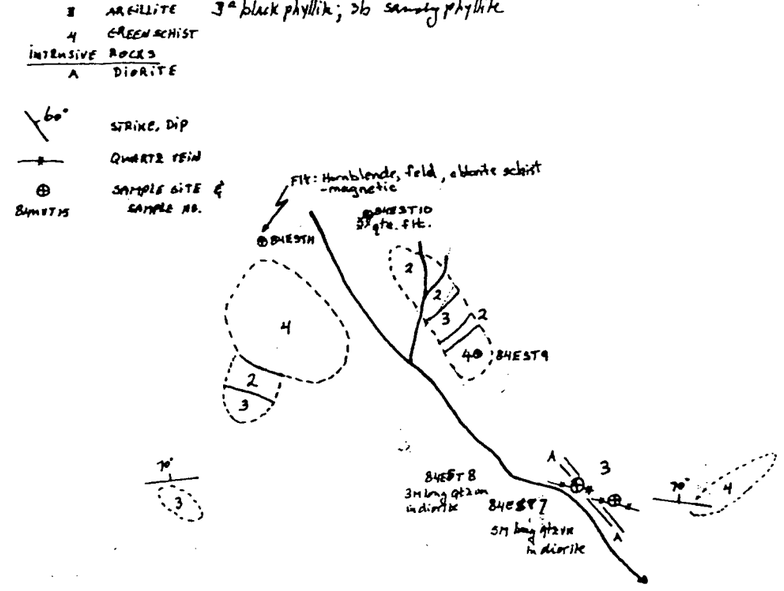
INTRUSIVE ROCKS

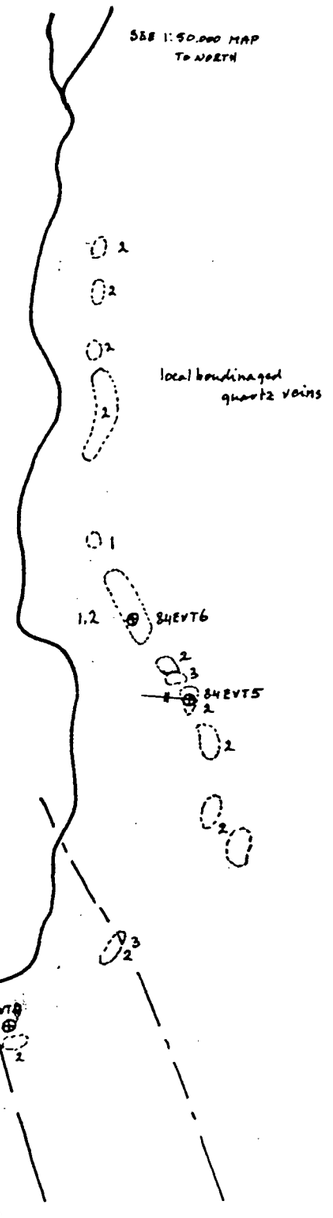
A DIORITE

60° STRIKE, DIP

QUARTZ VEIN

⊕ 84MST15 SAMPLE SITE & SAMPLE NO.





GEOLOGICAL BRANCH
ASSESSMENT REPORT

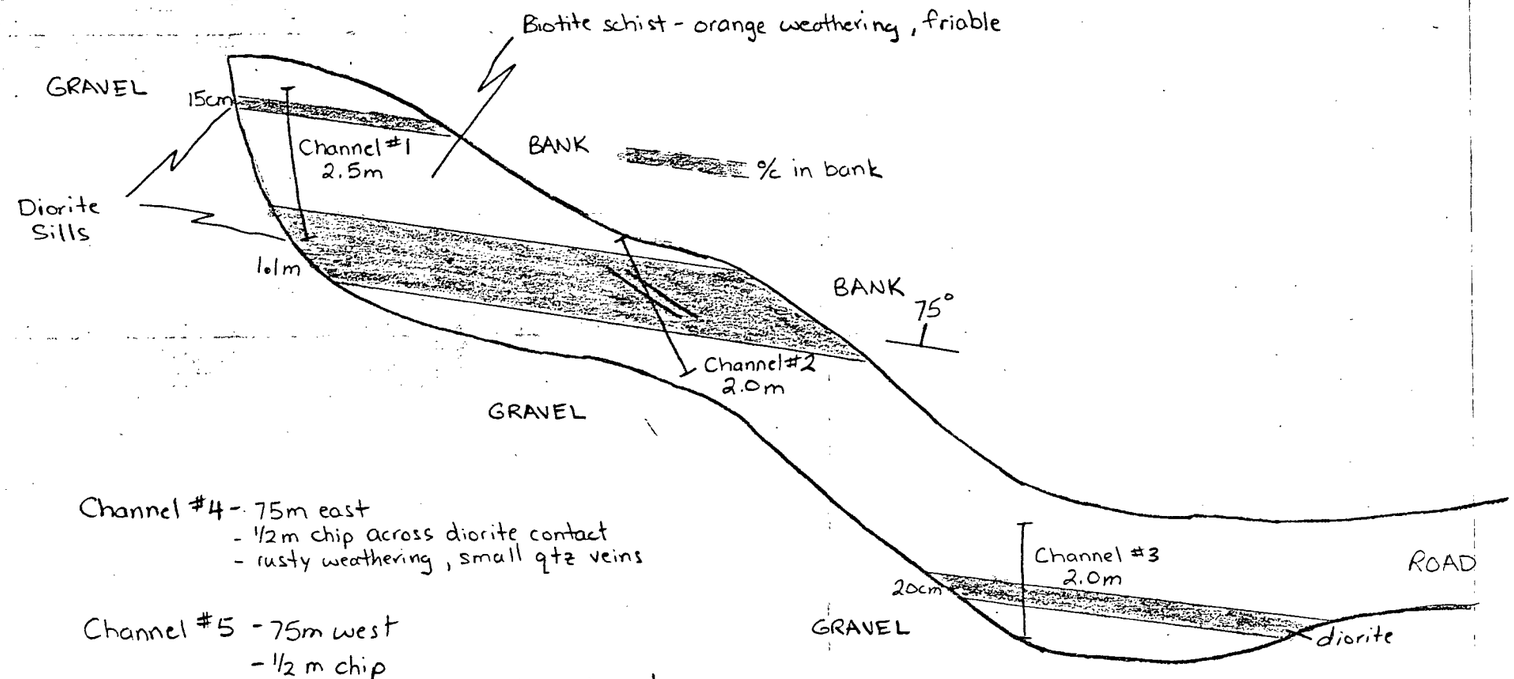
17,327

EXPEDITOR RESOURCE GROUP LTD.

SAN JUAN PROJECT

JORDAN RIVER AREA
GEOLOGY

HI-TEC RESOURCE MANAGEMENT LIMITED	DWN. BY:	DATE: JUNE 1985
	CHK. BY:	FIGURE No. 3
	SCALE: 1:10,000	



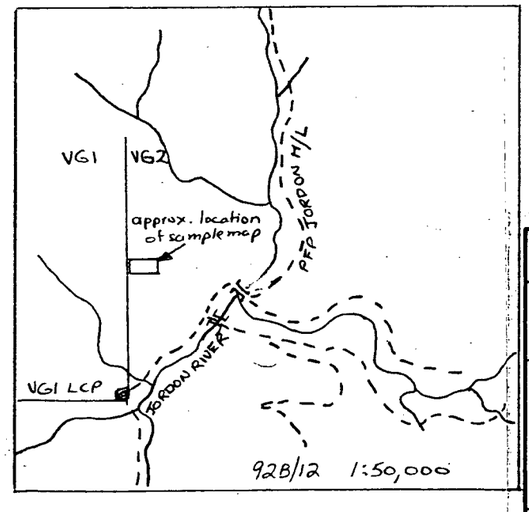
Channel #4 - 75m east
- 1/2m chip across diorite contact
- rusty weathering, small qtz veins

Channel #5 - 75m west
- 1/2 m chip
- rusty weathering, cherty meta-sed

Channel #6 - 100 m west
- 2 m chip across contact 1/2 m diorite sill

Channel #7 - 140m west
- 2m channel across diorite contact

Channel #8 - same location as #7
- grab sample of irregular 5cm quartz breccia vein
- cont. disseminated po.



N

EXPEDITOR RESOURCE GROUP

SAN JUAN PROJECT

JORDAN RIVER AREA

DIORITE SILL SAMPLING

HI-TEC RESOURCE MANAGEMENT LIMITED	DWN. BY:	DATE: JUNE 1985
	CHK. BY:	FIGURE NR. 4
	SCALE: 1:100	

Group C	Blakeney 1	848	16	April 11, 1985
	Blakeney 2	849	16	April 11, 1985
	Jordee 1	852	16	April 11, 1985
	Jordee 2	853	16	April 11, 1985
	Ecology	856	8	April 11, 1985
	West Nugget	863	20	April 11, 1985
	Total Units		**92**	
Group D	Denter 2	845	20	April 11, 1985
	Denter 3	846	20	April 11, 1985
	Denter 4	847	20	April 11, 1985
	Nugget	864	20	April 11, 1985
	East Nugget	865	20	April 11, 1985
	Total Units		**100**	
Group E	Denter 1	844	20	April 11, 1985
	Canyon	903	6	April 27, 1985
	VG 1	841	15	April 11, 1985
	VG 2	842	20	April 11, 1985
	VG 3	843	10	April 11, 1985
	VAL	857	6	April 11, 1985
	Total Units		**77**	

Total number of claim units for San Juan Property - 457

* Prior to application of 1984-85 assessment credits

GEOLOGY

Regional Geology

The San Juan property lies within the Leech River Complex which consists of metamorphosed pelitic rocks, sandstone, and minor chert and volcanic rocks. The complex is bounded by the San Juan Fault to the north and the Leech

River to the south. Regional metamorphism and deformation have taken place, accompanied by the intrusion of dioritic sills which have been dated at 38-40 Ma.

The Leech River Complex hosts the Valentine Mountain gold occurrence of Beau Pre Explorations Ltd. and several other gold prospects.

Property Geology

The property is underlain by phyllites, schist and sandstone intruded in placed by diorite sills. The sediments strike approximately east-west and are steeply dipping to the north.

The Jordan River area in the eastern portion of the claims was mapped and is underlain by argillite, sandstone/greywacke and greenschist. Small diorite dykes are present near the Beaupre claim boundary. Several 5-10 cm quartz veins in the diorite are accompanied by pyrite halos that extend for some 10 cm beyond the veins. Rock chip samples of the diorite and quartz veins have gold and arsenic values ranging from background to 550 ppb gold and 200 ppm arsenic. A map of the dyking and quartz veins with sample locations appears in Fig. 4.

Further to the west a diorite sill swarm consisting of 12 sills across 150 m of exposure was discovered east of the main fork of Three Arm Creek. Sills are also exposed in Three Arm Creek and in a creek bottom approximately 2.5 km to the west and on strike with the main showing. The sills consist of fine grained biotite diorite and range up to 5 m in width. Within a meter of the sills, the surrounding phyllite is silicified and contains numerous small to medium size quartz veins. Other than the limited silicification, no evidence of extensive contact alteration was observed. Grab samples taken of the sills and quartz veining in the area show anomalous concentrations of chromium and nickel and to a lesser extent tin and tungsten. The process used for analysis is incapable of detecting gold values below 3 ppm and no samples were above this value.

In the area of the gold stream anomalies near Blakeney Creek, black phyllites predominate and no significant quartz veins or other encouraging rock types were located, but silicified argillite float was found in the creeks.

Over the whole property quartz veins are abundant in the schist and phyllites but most of the veins appear to occupy foliation gashes and can be traced only a few meters. In areas of the diorite sills the quartz veins range up to 20 cm in width, are continuous and crosscut both the phyllite and the diorite. The veins are luggy, rusty weathering and contain blebs and disseminations of pyrite.

Pyrite and pyrrhotite were the only sulphides observed on the property and they can be found in minor quantities in many areas and within the schist. Pyrite occurs in greater quantities within the quartz veins and silicified country rock in the areas of the diorite sills.

GEOCHEMISTRY

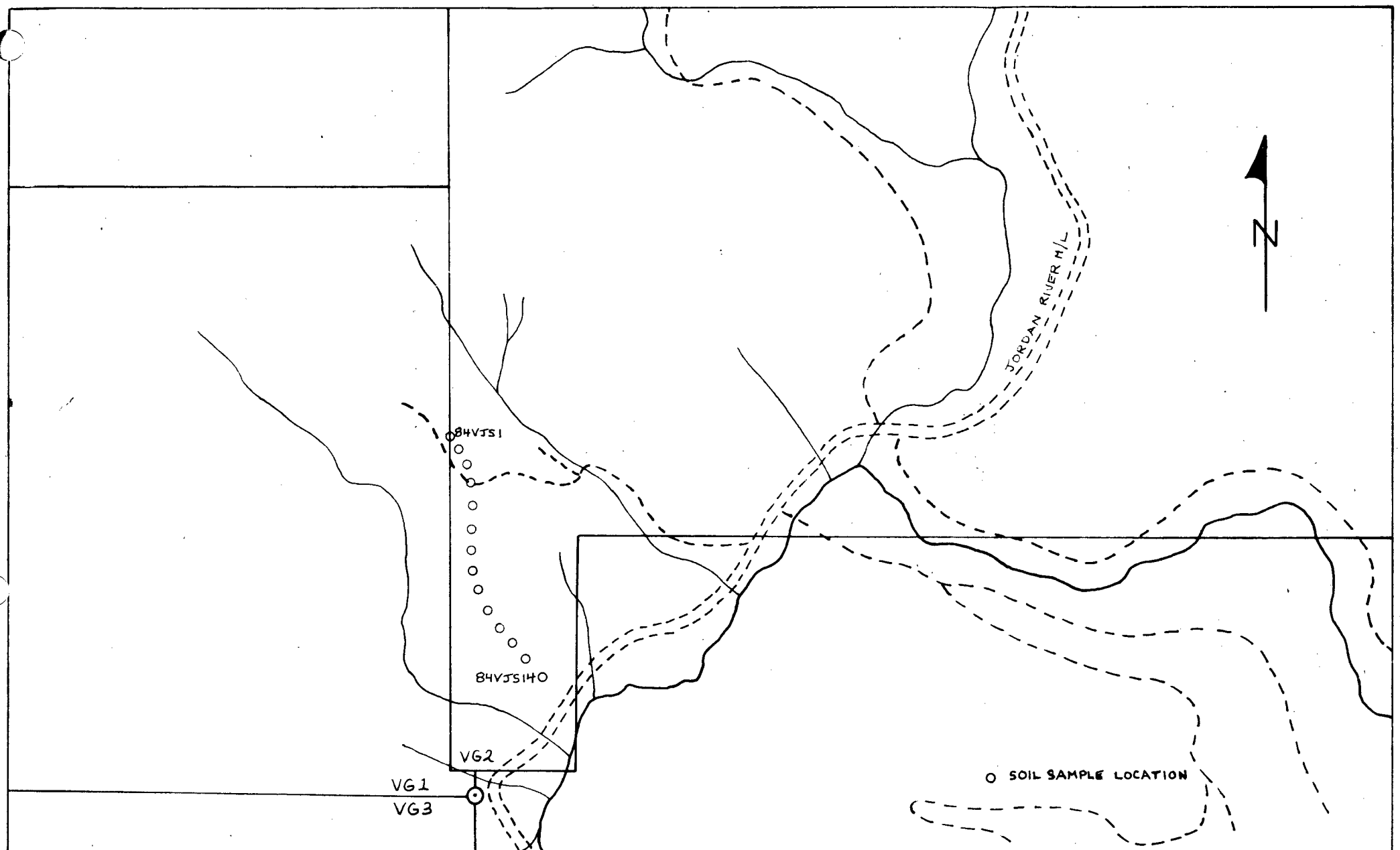
Location of stream sediment, pan concentrate and rock chip samples are shown on Figs. 9, 10 and 11 and soil sample locations on Figs. 5 and 7.

At each stream sediment sample point, silt was gathered from several points across the stream in order to obtain a representative sample. In many places the streams are cascades over bedrock, making silt difficult to find. In these cases the samples consisted of the finest sand and sediment available.

Soil samples were collected on compass and chain lines in the watershed areas of anomalous creeks. Values of up to 470 ppb gold in pan concentrates had been obtained in 1984 from the small creek between Blakeney and Dent Creeks. Soil sample lines were run along the ridges between and parallel to the creeks and also above logging roads which ran at approximately right angles to the direction of creek flow. Sample interval on all lines was 25 m.

Rock samples were taken of any continuous quartz veins and several were taken of veins and country rock in the areas of the diorite sill swarms.

All samples were analyzed by ICAP for 28 elements by Vangeochem Labs Ltd. For all analytical values and a detailed interpretation of the data by J.F. Harris see Appendix I.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,327

EXPEDITOR RESOURCE GROUP LTD.

SAN JUAN PROJECT

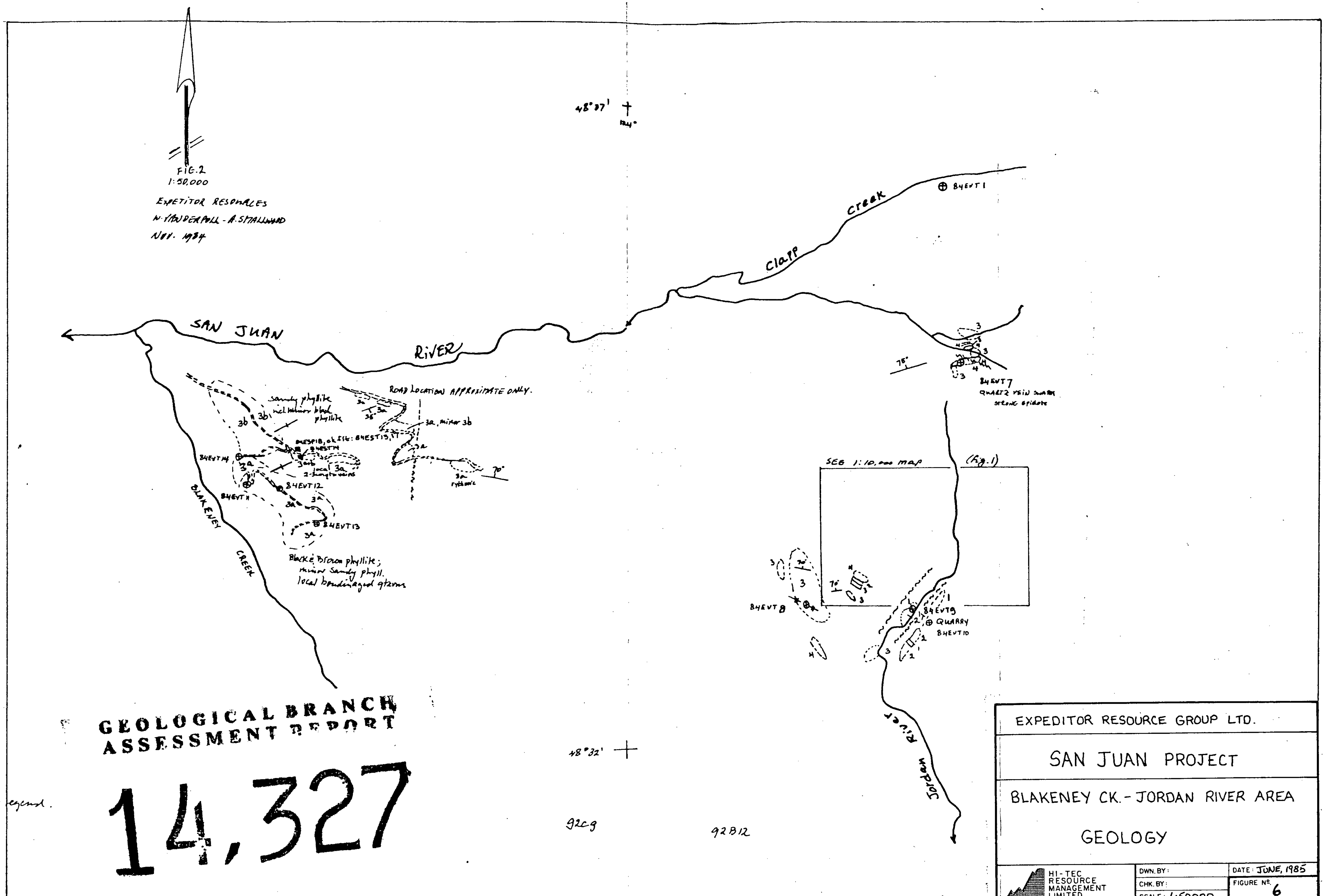
JORDAN RIVER SOIL SAMPLES

GEOCHEMISTRY SAMPLE LOCATION MAP

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN BY A.S.
CHK BY
SCALE 1:12,500

DATE MAY, 1985
FIGURE Nº 5



EXPEDITOR RESOURCE GROUP LTD.

SAN JUAN PROJECT

BLAKENEY CK. - JORDAN RIVER AREA

GEOLOGY

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN. BY:	DATE: JUNE, 1985
CHK. BY:	FIGURE Nº 6
SCALE: 1:50,000	

→ for legend.

PT. RENFREW - SHAWNIGAN LK. ROAD

SAN JUAN RIVER

N

DENTER 4

BLAKENEY 1

BLAKENEY 2

BLAKENEY CK.

DENT CREEK

RS143 RS129 RS110 RS103 DS54 RS120 RS128

SS134 SS130 SS126 DS124 DS131

RS154 RS144

DL88

AS119 AS106

SS120 SS125 DS108

AS103 AS92 SS111 SS119

SS110 SS100

RS102 DS123 DS109 RS95 RS79 SS94 SS84

DS53 DS49 DS44 AS82 SS72 AS70 AS83 AS91

○ SOIL SAMPLE LOCATION

○—○ 25m SAMPLE INTERVAL

EXPEDITOR RESOURCE GROUP

SAN JUAN PROJECT

DENT CREEK SOIL SAMPLES

SAMPLE LOCATION MAP

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN BY A.S.
CHK BY
SCALE 1:12,500

DATE MAY, 1985

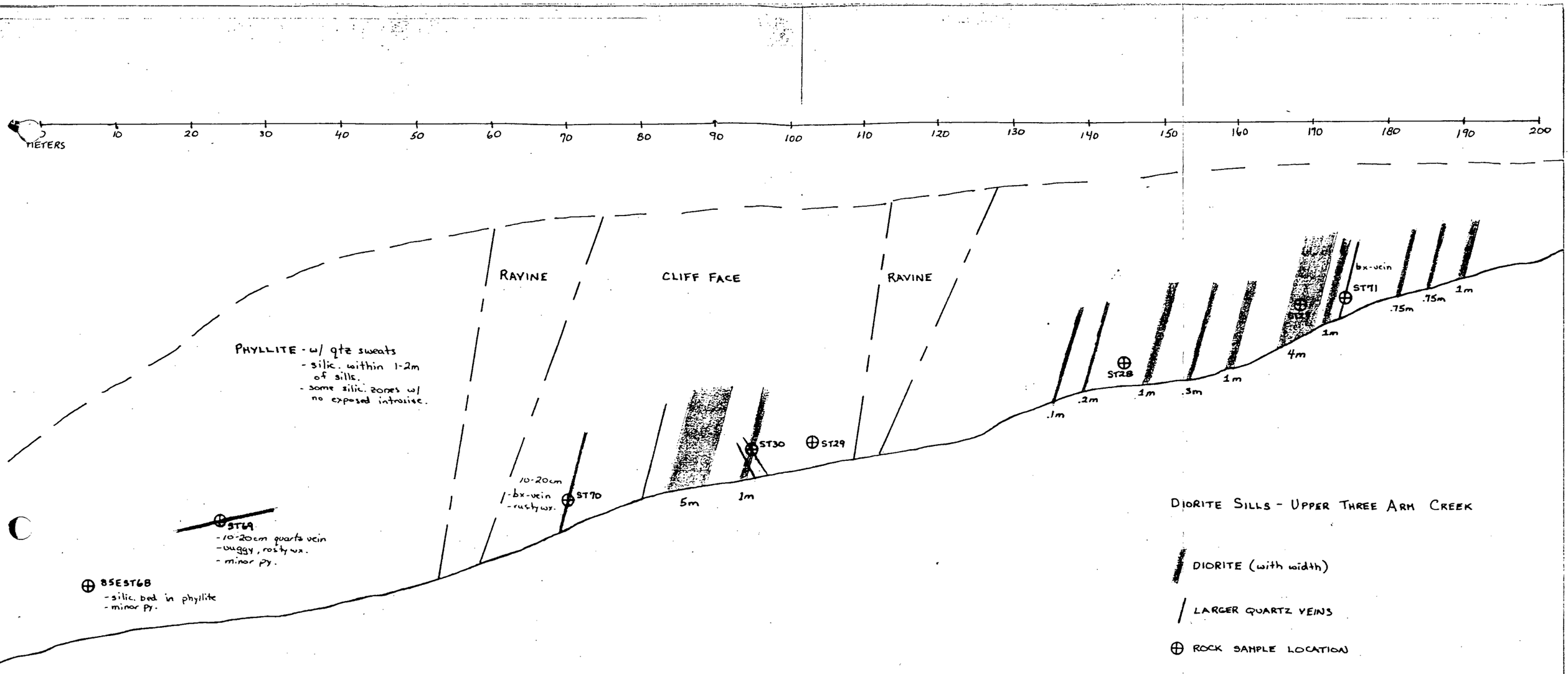
FIGURE Nº 7

REFERENCES

Fairchild, L.H. and D.S. Cowan. 1982. Structure, Petrology and Tectonic History of the Leech River Complex northwest of Victoria, Vancouver Island, Can. Journal of Earth Sciences, Vol. 19, No. 9, pp. 1817-1935.

Muller, J.E. 1977. Geology of Vancouver Island, GSC Open File 463, 1980, Geology, Victoria Map Area, GSC Open File 701.

Grove, E.W. 1984. Geological Report and Work Proposal on the Expeditor Resource Group Ltd. Property in the San Juan River Area, Southern Vancouver Island, prepared for Expeditor Resource Group Ltd.



EXPEDITOR RESOURCE GROUP LTD.

SAN JUAN PROJECT

THREE ARM CREEK

DIORITE SILL SWARM

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN. BY:

CHK. BY:

SCALE: 1:500

DATE: JUNE 1985

FIGURE Nº. 8

EXPEDITOR RESOURCE GROUP

Statement of Cost

1984

May 18 - 22

Personnel

A. Smallwood	6.0 days @ $255.00		$ 1,530.00
J. Candy	5.0 days @ $190.00		,950.00
M. Bell	1.0 days @ $300.00		,300.00
			$ 2,780.00
Meals and Accomodation			$,450.00
Ferry			, 44.00
Vehicle	5.0 days @ $ 75.00		,375.00
Fuel			,153.00
Field Materials			,220.00
Equipment Rental			,250.00
		Total:	**$ 4,272.00**

September 12 - 13

Personnel

A. Smallwood	2.0 days @ $255.00		$,510.00
J. Millar	2.0 days @ $220.00		,440.00
			$,950.00
Meals and Accomodation			$,250.31
Ferry			, 44.00
Vehicle	2.0 days @ $ 75.00		,150.00
Fuel			, 65.00
Field Materials			, 75.00
Equipment Rental			, 50.00
Telephone			, 12.00
		Total:	**$ 1,596.31**

October 5 - 9

Personnel

W. Vanderpol, Geologist	5.0 days @ $345.00	$ 1,725.00
A. Smallwood	5.0 days @ $255.00	1,275.00
		$ 3,000.00
Meals and Accomodation		$,450.00
Ferry		, 44.00
Vehicle	5.0 days @ $ 75.00	,375.00
Fuel		, 81.90
Field Materials		,160.00
Equipment Rental		,250.00
Drafting		,800.00
Assaying		,379.75
	Total:	**$ 5,540.65**

1985

March 15 - April 6

Personnel

A. Smallwood	23.0 days @ $255.00	$ 5,865.00
T. Archibald	23.0 days @ $220.00	5,060.00
T. Roocroft	23.0 days @ $195.00	4,485.00
D. Burkett	23.0 days @ $195.00	4,485.00
		$19,895.00
Meals and Accomodation		$ 4,140.00
Ferry		, 90.00
Vehicles:		
Truck	23.0 days @ $ 75.00	1,725.00
2 Motorcycles	23.0 days @ $ 60.00	1,380.00
Fuel		,460.00
Field Materials		1,250.00
Equipment Rentals		,460.00
Office Costs		,140.00
Assays and Geochemistry		4,336.25
	Total:	**$33,876.25**

1984-1985 Total Costs

May 18 - 22, 1984	$ 4,272.00
September 12 - 13, 19814	1,596.31
October 5 - 9, 1984	5,540.65
March 15 - April 6, 1985	33,876.25
Total:	$45,285.21
Final Report:	$ 2,000.00
GRAND TOTAL:	$47,285.21

STATEMENT OF QUALIFICATIONS

I, ADRIAN SMALLWOOD of Vancouver, B.C., hereby certify that:

1. I have worked in mining exploration since 1977.

2. I am employed by Hi-Tec Resource Management Ltd. with offices at #1590-609 Granville Street, Vancouver, B.C.

3. I majored in chemistry at the University of British Columbia and Simon Fraser University.

4. This report is based on field work performed by me and by crews under my direct supervision.

DATED AT VANCOUVER, B.C. this 1 day of JUNE, 1985

ADRIAN SMALLWOOD

APPENDIX I

Harris
EXPLORATION
SERVICES

MINERALOGY AND GEOCHEMISTRY

534 ELLIS STREET, NORTH VANCOUVER, B.C., CANADA V7H 2G6 TELEPHONE (604) 929-5867

Job # 85-15

June 7th, 1985

Report for: Malcolm Bell,
Hi-Tec Resource Management Ltd.,
19th Floor, 1055 West Hastings St.,
Vancouver, B.C.

PRELIMINARY INTERPRETATION OF GEOCHEMICAL DATA FROM THE VANCOUVER ISLAND PROPERTY OF EXPEDITOR RESOURCE GROUP (ERG).

Introduction

A total of 473 samples were analysed by ICAP for 28 elements by Vangeochem Labs Ltd.

These samples comprise 173 silts, 277 soils, 21 rock chips and 2 panned concentrates.

The silts provide coverage over an area of c. 12 X 4 km. The soils are from wide-spaced lines on ridge crests within a zone c. 3 km long, selected on the basis of previous reconnaissance geochem.

This report is based on a perusal of the analytical data prior to plotting. Its purpose is to provide a preliminary assessment of background and anomalous levels in the various elements and to identify groupings and element associations which could be indicative of potential mineralization.

Element ranges and distributions

Ag. Analytical detection limit 0.2 ppm

Levels generally low. Soils typically 0.1 - 0.3 ppm; silts typically 0.2 - 0.6 ppm.

Thresholds 0.5 ppm for soils, 0.7 ppm for silts.

Only one significant concentration of anomalous values (0.8 - 3.2 ppm), in soils samples EDS 108, 110, 117, 120 - 123. Isolated weakly to moderately anomalous values in soils ERS 86, 89 and ESS 110, 129. No significant anomalies in silts.

As. Analytical detection limit 3 ppm.

Values in both silts and soils show a broad range, between 2 and c.20 ppm. Threshold levels are difficult to establish and are arbitrarily set at c.15 ppm.

This seems unusually high, but the abundance and rather even distribution of values of 10 ppm and above precludes setting it lower. The area appears regionally elevated in As.

Occasional moderately to strongly anomalous values (in the 20 - 30 ppm range, rarely to 370 ppm) tend to occur within blocks of relatively higher values. This is true of both silts and soils.

Au. Analytical detection limit 3 ppm.

No detectable values occur.

Ba. Analytical detection limit 1 ppm.

Ba is not normally a geochemically useful element. The data show a markedly different range within soils (10 - 80 ppm) and silts (100 - 250 ppm). No anomalies are recognizable.

The level of Ba in the silts appears unusually high - especially since this analytical method gives only partial recovery.

Bi. Analytical detection limit 3 ppm.

The overall level of Bi appears unusually high. Values of 4 and 5 ppm are relatively common and evenly distributed. Overall the silts tend to show a slightly higher range (2 - 4 ppm) than the soils (1 - 3 ppm).

Values over 5 ppm may be anomalous. These occur relatively commonly (in the range 6 - 8 ppm) scattered throughout, in soils as well as silts. Their geochemical significance is unclear.

Cd. Analytical detection limit 0.1 ppm.

Cd is not normally a geochemically useful element. It normally follows Zn.

The distribution in the present data appears essentially normal within the range 0.1 - 0.8 ppm. No significant anomalies are present.

Co. Analytical detection limit 1 ppm.

This element shows a background range of 1 - 25 ppm with no systematic difference between soils and silts. Threshold is c. 30 ppm. A few scattered anomalous values (in the range 30 - 100 ppm) occur, mainly in the soils.

Cr. Analytical detection limit 1 ppm.

This element shows a rather even distribution over the range 20 - 70 ppm. Soils tend to show a very slightly lower mean content than silts.

Anomalous values are rare, being essentially confined to one small group of silts: EML 57 and ERL 1 - 4 (maximum value 230 ppm). Threshold is tentatively set at 80 ppm, but this will be strongly influenced by lithology.

Cu. Analytical detection limit 1 ppm.

The background range in these samples is c. 10 - 60 ppm. Silts and soils show essentially similar distributions. Threshold is set at 70 ppm.

There are a very few isolated weakly anomalous values (75 - 160 ppm) in soils. There are no anomalous Cu values in silts.

Mn. Analytical detection limit 1 ppm.

This element shows highly variable values ranging from c. 50 - 2,500 ppm. It is not a useful geochemical indicator.

Mo. Analytical detection limit 1 ppm.

Mo values in this suite are unusually low. They are almost entirely ND (<1 ppm). Very rare weakly anomalous values (3 ppm) occur in soils e.g. EAS 114, EDS 122 - 3. No Mo anomalies occur in the silts.

Ni. Analytical detection limit 1 ppm.

Ni shows a rather even background distribution in the range 10 - 60 ppm with values in silts slightly higher overall than in soils. Threshold is c. 70 ppm.

Sparse isolated weakly anomalous values (75 - 180 ppm) occur, mainly in soils. 3 values in this range occur in the EML and ERL series of silts.

Pb. Analytical detection limit 3 ppm.

Pb values in this suite show a rather wide range from 3 - c. 20 ppm. Distribution in this range appears essentially normal and it is difficult to establish a threshold (c. 15 ppm?). Soils and silts show a similar distribution.

Scattered definitely anomalous values (in the range 25 - 90 ppm) occur in both soils and silts, sometimes associated with groups of elevated, possibly anomalous values (13 - 20).

The area appears to be regionally somewhat enriched in Pb.

Pd, Pt.
Analytical detection limit 3 ppm.
All values ND.

Sb. Detection limit 3 ppm.

All values are ND except two isolated extreme highs: silt ESL 21 (131 ppm) and soils ESS 85 (116 ppm).

Sn. Detection limit 3 ppm.

This element shows a similar distribution to that of Bi in this suite and overall contents appear unusually high (especially as the extraction for this element is only partial). The apparent background range is 3 - 6 ppm, with a tendency for slightly higher average levels in silts than soils.

Individual anomalous values (in the range 7 - 9 ppm) occur chiefly in soils e.g. EDS 59, ERS 135, 148, ESS 110.

Sr. Detection limit 1 ppm.

This element is not a geochemically useful one. Silts show a notably higher range of values (15 - 30 ppm) than soils (5 - 10 ppm). One individual extreme value (EDS 106) has associated anomalous values in As, Co, Cu, Ni, Zn and Cd.

U. Detection limit 5 ppm.

All but one sample (EDS 117 : 8 ppm) give values of the detection limit or less.

W. Analytical detection limit 3 ppm.

W values in the soils are almost entirely ND. However, values up to 4 ppm are relatively widespread in silts and the threshold of anomaly is uncertain.

The few values in the 5 - 7 ppm range in silts are probably anomalous (especially since the extraction for W is partial). Examples are EAL-7, 10, 14, 67, 68; EBL 47, 50; EDL 4.

Zn. Analytical detection limit 1 ppm.

Zn values show an apparently normal distribution in the range 40 - 130 with no significant difference between soils and silts.

Anomalous values are very rare, being confined to two isolated samples: EDS 106 (200 ppm) and ERS 129 (157 ppm). Some groups of values in the 110 - 130 ppm range (e.g. in the EAL, EDL and ERL series silts) may also represent weak anomalies. Threshold is in the region of 120 ppm.

Principal anomalies and element associations.

Silts	EAL 2, 10, 14, 67, 68	:	W
	EAL 17 - 27, 40	:	Sn
*	EAL 24, 40	:	Ni
	EAL 29	:	As, Co
	EAL 64	:	As, Ni
	EBL 47, 50	:	W
	EDL 4	:	W
	EDL 21, 22	:	Sn
	EDL 21, 31	:	Pb
	EDL 29, 30, 31, 32	:	As
**	EML 57	:	Co, Cr. Ni, Sn
	ERL 36	:	Pb
	ESL 2	:	As
	ESL 1, 2	:	Sn
	ESL 18, 21, 43	:	As
*	EAL 28, 73	:	Pb
**	ERL 34, 35, 36	:	As

Soils	EAS 76	:	As, Co, Cu, Ni Pb
	EAS 84 - 88	:	As
	EAS 72	:	Cu
	EAS 73	:	Pb
	EAS 99	:	Sn
	EAS 114	:	Mo, Co
	EDS 59	:	Sn
	EDS 84, 95, 96, 97	:	As
	EDS 85, 106	:	As, Co, Cu, Ni, Pb, Zn
	EDS 104	:	Cu (Zn)
	EDS 108, 120, 121, 122, 123	:	Ag, As
	EDS 120	:	Cu
	EDS 122, 123	:	Mo
	EDS 117	:	U
	ERS 86, 89	:	Ag
	ERS 87, 91, 153	:	As
	ERS 87, 88	:	Pb
	ERS 89	:	Cu, Co, Ni
	ERS 104, 111, 145, 146, 154	:	Pb
	ERS 129	:	Bi, Co, Cu, Ni, Sn, Zn
	ERS 135, 148	:	Sn
	ESS 99, 106	:	As
	ESS 110	:	Ag, Sn
	ESS 129	:	Ag
	ESS 126	:	Co
Rocks	ERT 78	:	Ni
	EST 3	:	Cr
	EST 10	:	As
	EST 12	:	As, Cr, Ni
	EST 19	:	U, Sr
	EST 24, 26, 69, 71	:	Ni
	EST 28, 30	:	Cr, Ni, W
	EST 25, 26	:	Sn
	EST 60	:	W
	EST 47	:	Co, Cr, Cr, Ni
	EST 11	:	Cr, Ni
	EST 66	:	As, Cu, Ni, Pb, Sn

Summary

Silt samples from the ERG property show weak to moderate anomalies in W, Sn, Ni, Pb, As and Co. Most anomalies are single element anomalies but associations sometimes observed are Ni/Sn, As/Co, As/Ni, Pb/Sn, Pb/As and As/Sn.

Soils samples show anomalies in As, Ag, Cu, Ni, Co, Pb, Sn, and (rarely) Mo and U. Various associations of these elements occur.

Rock samples include anomalous levels in As, Cr, Ni, Cu, Co, Pb, Sn, W in various combinations.

The area appears, from the present data, to be distinguished by regionally anomalous contents of As, Bi, Sn and W (considering the prevalent rock type - phyllites and schists).

Recommendations

1. Selected samples (including those strongly anomalous in As and/or base metals) should be run for Au (ppb level) by a specific method.

2. Selected samples showing anomalous values in Sn and W should be run by specific methods to determine the real levels of these elements and, hence, whether the area shows potential for Sn/W mineralization.

3. Where silt samples show interesting concentrations of anomalies in areas outside the present soils sampling area, additional soil sampling should be carried out to isolate bedrock sources.

4. The data for the elements noted in the summary should be plotted in order to display the spatial distribution of values.

J.F. Harris Ph.D.

APPENDIX II

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SR,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: HI-TECK RESOURCES
ATTENTION: M. BELL
PROJECT: ERG

REPORT#: 85-45-001
JOB#: 85038
INVOICE#: 8620

DATE RECEIVED: 85/05/27
DATE COMPLETED: 85/05/31
COPY SENT TO: M. BELL

ANALYST W. Fletcher

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
AL-1	.6	1.99	8	ND	172	6	.20	.6	11	49	27	2.71	.18	1.02	410	1	.05	36	.05	12	ND	ND	ND	4	12	1	3	61
85-EAL-2	.3	2.73	9	ND	74	6	.15	.6	16	48	39	3.43	.13	1.26	696	ND	.05	42	.05	5	ND	ND	ND	1	17	4	5	93
85-EAL-4	.4	2.51	5	ND	65	5	.12	.4	15	44	37	3.08	.11	1.13	576	ND	.05	39	.04	5	ND	ND	ND	2	13	4	2	84
85-EAL-5	.3	2.74	10	ND	66	4	.11	.4	16	49	37	3.31	.11	1.25	581	ND	.04	40	.04	5	ND	ND	ND	3	13	1	2	90
85-EAL-7	.4	2.66	6	ND	69	5	.10	.6	14	50	36	3.25	.13	1.25	538	ND	.05	40	.04	8	ND	ND	ND	2	11	5	ND	87
85-EAL-8	.2	2.73	7	ND	80	4	.20	.8	15	50	41	3.32	.13	1.27	633	ND	.06	52	.06	4	ND	ND	ND	1	26	1	2	91
85-EAL-9	.3	2.82	8	ND	81	3	.20	.8	17	49	48	3.41	.14	1.27	631	ND	.07	49	.06	8	ND	ND	ND	4	26	2	ND	93
85-EAL-10	.3	2.72	9	ND	82	4	.16	.6	16	48	41	3.48	.14	1.28	610	ND	.07	47	.06	6	ND	ND	ND	3	29	4	5	94
85-EAL-11	.3	2.50	9	ND	70	4	.15	.6	15	44	38	3.23	.14	1.17	573	ND	.06	43	.05	6	ND	ND	ND	2	20	4	3	86
85-EAL-12	.3	2.78	6	ND	102	4	.12	.6	15	46	38	3.15	.16	1.13	476	ND	.05	36	.07	3	ND	ND	ND	1	11	1	1	86
85-EAL-13	.5	3.51	3	ND	160	3	.21	.8	20	62	48	3.96	.21	1.45	711	ND	.08	43	.07	11	ND	ND	ND	4	20	1	ND	105
85-EAL-14	.5	3.15	2	ND	89	3	.09	.8	16	65	41	3.41	.14	1.41	539	ND	.06	42	.04	5	ND	ND	ND	3	9	3	5	82
85-EAL-15	.5	3.65	1	ND	128	4	.17	.6	20	59	46	3.91	.18	1.29	609	ND	.08	45	.06	12	ND	ND	ND	3	20	2	2	107
85-EAL-16	.4	3.36	ND	ND	128	4	.17	.6	20	59	42	3.96	.19	1.39	650	ND	.07	42	.05	4	ND	ND	ND	4	14	2	2	107
85-EAL-17	.8	2.68	ND	ND	211	5	.13	.4	14	58	25	3.12	.23	1.18	430	ND	.07	27	.05	8	ND	ND	ND	5	7	2	3	58
85-EAL-18	.6	2.35	9	ND	206	3	.13	.5	14	53	23	2.87	.23	1.08	404	ND	.07	26	.05	7	ND	ND	ND	4	7	2	ND	49
85-EAL-19	.6	2.32	7	ND	215	4	.14	.5	13	53	25	2.90	.24	1.08	396	ND	.07	26	.05	4	ND	ND	ND	6	7	3	4	48
85-EAL-20	.6	2.63	12	ND	206	4	.15	.6	15	57	28	3.08	.24	1.12	431	ND	.07	29	.05	3	ND	ND	ND	5	10	3	2	54
85-EAL-21	.6	2.77	12	ND	204	6	.16	.5	17	77	29	3.22	.23	1.17	455	ND	.08	37	.05	6	ND	ND	1	5	11	2	ND	58
85-EAL-22	.6	2.78	16	ND	194	5	.16	.5	17	59	33	3.21	.22	1.17	467	ND	.07	31	.05	10	ND	ND	ND	5	12	1	1	63
AL-23	.6	2.87	7	ND	207	4	.21	.6	15	61	31	3.38	.24	1.26	469	ND	.08	39	.05	5	ND	ND	ND	6	11	3	ND	63
85-EAL-24	.8	2.80	ND	ND	133	2	.25	.8	17	78	34	3.28	.19	1.26	503	ND	.07	81	.04	4	ND	ND	ND	4	26	3	4	106
85-EAL-25	.6	2.67	ND	ND	216	2	.32	.6	19	59	40	3.12	.21	1.27	495	ND	.07	37	.06	4	ND	ND	ND	4	28	ND	ND	85
24 — 85-EAL-26	.6	2.62	19	ND	218	5	.13	.5	16	56	21	3.00	.25	1.14	479	ND	.08	24	.04	8	ND	ND	ND	6	10	3	ND	50
85-EAL-27	.6	2.94	8	ND	151	6	.22	.8	18	61	51	3.65	.23	1.32	568	ND	.09	46	.07	9	ND	ND	1	6	15	2	ND	96
85-EAL-28	.6	2.54	11	ND	60	4	.28	.8	22	36	47	3.29	.14	.92	1312	ND	.07	47	.06	33	ND	ND	ND	3	17	3	ND	100
85-EAL-29	.1	2.74	67	ND	57	ND	.17	.6	32	46	33	6.68	.13	.99	1609	2	.05	43	.13	5	ND	ND	ND	2	13	ND	ND	98
85-EAL-30	.3	2.97	6	ND	81	ND	.23	.6	19	47	37	3.82	.14	1.18	983	ND	.05	42	.05	6	ND	ND	ND	4	16	ND	1	120
85-EAL-31	.6	3.26	2	ND	89	2	.18	.6	18	50	28	3.57	.15	1.09	816	ND	.05	34	.04	6	ND	ND	ND	4	14	ND	ND	88
85-EAL-32	.5	2.23	4	ND	99	1	.13	.4	13	44	28	2.96	.18	1.10	562	ND	.06	37	.05	10	ND	ND	2	3	12	4	3	83
85-EAL-33	.8	3.50	8	ND	181	2	.20	.6	23	71	54	4.21	.33	1.51	643	ND	.15	55	.09	7	ND	ND	ND	3	18	6	ND	117
85-EAL-34	.5	3.45	4	ND	112	4	.12	.8	13	67	35	3.79	.17	1.34	488	ND	.07	39	.04	8	ND	ND	ND	3	12	ND	3	88
85-EAL-35	.6	3.69	7	ND	161	4	.15	.8	21	75	59	4.25	.25	1.61	711	ND	.08	58	.06	5	ND	ND	ND	3	16	ND	ND	110
85-EAL-36	.6	3.20	4	ND	162	2	.17	.8	18	76	45	4.00	.25	1.57	640	ND	.07	54	.07	12	ND	ND	ND	3	17	3	ND	109
85-EAL-37	.6	3.07	8	ND	152	4	.17	.8	18	70	41	3.75	.22	1.49	679	ND	.07	50	.06	8	ND	ND	ND	4	12	ND	1	106
85-EAL-38	.6	3.27	7	ND	157	2	.14	.8	23	74	56	4.04	.27	1.58	731	ND	.09	57	.07	10	ND	ND	2	4	14	4	3	107
85-EAL-39	.6	2.94	13	ND	105	3	.25	.6	20	60	50	3.80	.23	1.42	651	ND	.08	56	.06	11	ND	ND	1	4	19	3	ND	110
85-EAL-40	.8	3.55	17	ND	115	3	.39	.5	27	65	70	4.49	.26	1.64	802	ND	.09	72	.08	10	ND	ND	ND	6	30	2	ND	132
85-EAL-41	.6	2.56	5	ND	90	1	.17	.6	14	46	32	3.21	.15	1.12	527	ND	.06	37	.05	15	ND	ND	ND	3	31	ND	ND	93

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-EAL-42	.1	2.86	4	ND	96	1	.25	.4	22	48	35	3.57	.10	1.19	716	ND	.04	45	.05	4	ND	ND	ND	1	33	ND	3	106
85-EAL-56	.1	3.08	14	ND	124	3	.13	.2	17	60	40	3.82	.16	1.45	688	ND	.05	45	.05	1	ND	ND	ND	2	10	ND	3	104
85-EAL-57	.3	2.74	5	ND	149	3	.14	.4	15	58	33	3.32	.14	1.26	604	ND	.04	33	.05	11	ND	ND	ND	3	9	ND	3	89
85-EAL-58	.4	3.05	3	ND	117	6	.14	.5	17	58	32	3.57	.13	1.31	693	ND	.05	40	.04	3	ND	ND	ND	3	10	1	1	101
85-EAL-59	.3	2.51	2	ND	117	2	.18	.4	14	50	25	3.03	.12	1.12	531	ND	.05	35	.05	5	ND	ND	ND	2	12	1	4	83
85-EAL-60	.4	2.68	7	ND	136	5	.17	.3	17	58	37	3.44	.17	1.34	623	ND	.05	40	.06	8	ND	ND	ND	3	10	1	4	90
85-EAL-61	.3	2.47	4	ND	99	2	.21	.4	12	52	20	2.83	.10	1.11	443	ND	.04	54	.04	1	ND	ND	ND	3	13	ND	2	110
85-EAL-62	.3	2.85	7	ND	160	5	.11	.3	16	65	28	3.35	.14	1.31	577	ND	.04	35	.05	4	ND	ND	ND	4	7	ND	2	80
85-EAL-63	.3	2.70	3	ND	165	5	.12	.2	19	58	28	3.34	.16	1.32	744	ND	.04	29	.04	7	ND	ND	ND	3	8	ND	4	80
85-EAL-64	.3	3.52	25	ND	167	5	.20	.4	28	65	68	4.15	.20	1.42	820	ND	.08	71	.07	4	ND	ND	ND	3	19	ND	ND	128
85-EAL-65	.4	2.80	8	ND	178	3	.15	.4	22	57	32	3.47	.18	1.32	841	ND	.05	34	.05	8	ND	ND	ND	4	10	ND	3	81
85-EAL-66	.5	3.04	6	ND	168	5	.22	.6	19	66	56	3.74	.23	1.41	557	ND	.08	52	.07	3	ND	ND	ND	4	16	2	2	97
85-EAL-67	.4	3.63	11	ND	127	3	.13	.5	16	66	52	3.95	.19	1.30	489	ND	.08	45	.06	11	ND	ND	ND	4	12	ND	5	97
85-EAL-68	.3	2.46	10	ND	132	2	.22	.3	17	53	49	3.26	.19	1.17	502	ND	.08	44	.07	7	ND	ND	ND	4	15	1	7	84
85-EAL-69	.5	2.66	11	ND	139	4	.21	.2	17	57	51	3.41	.20	1.24	514	ND	.08	48	.07	3	ND	ND	ND	4	15	1	2	88
85-EAL-104	.3	2.20	4	ND	105	5	.32	.2	14	41	27	2.94	.13	1.17	550	ND	.04	30	.07	7	ND	ND	ND	3	26	ND	2	79
85-EAL-105	.2	2.93	9	ND	65	3	.13	.1	12	39	26	3.21	.07	.90	471	ND	.04	25	.04	8	ND	ND	ND	2	14	ND	3	65
85-EAS-70	.1	1.80	9	ND	34	ND	.01	.1	2	22	15	2.74	.04	.31	112	ND	.05	10	.05	10	ND	ND	ND	ND	5	ND	ND	23
85-EAS-71	.2	1.09	10	ND	32	ND	.01	.1	1	5	8	1.01	.04	.06	42	ND	.03	3	.02	11	ND	ND	ND	ND	2	4	2	7
85-EAS-72	.1	5.97	15	ND	116	2	.01	.4	23	49	104	4.65	.11	1.24	807	ND	.11	62	.11	11	ND	ND	ND	ND	22	1	ND	103
85-EAS-73	.2	4.00	11	ND	44	1	.07	.2	18	34	57	3.88	.16	.79	769	1	.28	44	.15	25	ND	ND	ND	ND	6	4	ND	68
85-EAS-74	.1	4.68	ND	ND	40	1	.02	.1	6	42	44	4.14	.10	.78	320	ND	.10	28	.13	12	ND	ND	ND	ND	5	2	ND	69
85-EAS-75	.1	3.46	6	ND	60	1	.08	.3	14	34	43	3.38	.09	.85	700	ND	.08	29	.11	7	ND	ND	ND	ND	8	ND	1	61
85-EAS-76	.2	5.99	40	ND	71	1	.02	.3	37	59	136	5.03	.11	1.07	988	ND	.10	90	.21	28	ND	ND	ND	ND	9	ND	ND	103
85-EAS-77	.1	4.37	ND	ND	34	ND	.01	.1	5	35	27	3.34	.07	.50	239	ND	.04	17	.08	4	ND	ND	ND	ND	3	1	1	45
85-EAS-78	.1	1.53	5	ND	15	ND	.03	.1	2	11	8	1.24	.04	.16	114	ND	.03	6	.03	5	ND	ND	ND	ND	3	2	1	12
85-EAS-79	.1	3.02	3	ND	42	ND	.04	.2	6	28	23	2.82	.06	.52	407	ND	.02	17	.07	6	ND	ND	ND	ND	5	ND	2	42
85-EAS-80	.1	2.29	3	ND	23	ND	.01	.3	3	18	14	2.27	.05	.33	145	ND	.03	9	.04	2	ND	ND	ND	ND	2	1	ND	23
85-EAS-81	.1	3.90	ND	ND	30	ND	.01	.2	4	34	19	3.44	.07	.47	191	ND	.03	11	.07	7	ND	ND	ND	1	2	1	ND	36
85-EAS-82	.1	4.17	2	ND	31	1	.01	.5	6	36	29	3.14	.08	.75	246	ND	.04	21	.09	5	ND	ND	ND	ND	4	3	2	56
85-EAS-83	.2	4.30	3	ND	53	4	.02	.3	8	26	35	2.66	.09	.83	216	ND	.05	26	.04	4	ND	ND	ND	1	6	ND	1	60
85-EAS-84	.1	4.01	18	ND	82	2	.04	.2	20	28	43	3.18	.09	1.00	606	ND	.04	36	.07	5	ND	ND	ND	1	9	ND	1	70
85-EAS-85	.1	3.96	34	ND	84	5	.03	.1	21	28	57	3.66	.12	.92	770	ND	.10	46	.15	15	ND	ND	ND	ND	25	1	1	78
85-EAS-86	.1	2.75	18	ND	29	ND	.01	.2	4	33	24	3.23	.06	.36	168	ND	.04	15	.07	9	ND	ND	ND	ND	6	ND	ND	33
85-EAS-87	.1	4.04	13	ND	45	3	.04	.6	27	48	66	4.63	.10	1.05	897	ND	.07	68	.12	16	ND	ND	ND	ND	12	ND	ND	87
85-EAS-88	.2	3.74	20	ND	48	2	.02	.4	21	36	74	3.13	.12	.91	678	ND	.12	61	.11	10	ND	ND	ND	ND	13	ND	3	80
85-EAS-89	.1	5.48	ND	ND	31	2	.02	.5	9	52	56	3.72	.08	.88	350	ND	.05	37	.13	8	ND	ND	ND	ND	4	ND	ND	72
85-EAS-90	.1	3.50	4	ND	34	2	.03	.5	13	39	57	3.15	.08	.84	408	ND	.04	40	.09	12	ND	ND	ND	ND	4	ND	4	65
85-EAS-91	.1	3.74	ND	ND	29	1	.01	.1	4	40	29	3.34	.08	.46	166	ND	.05	16	.07	15	ND	ND	ND	ND	2	ND	3	42

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-EAS-92	.1	2.35	5	ND	33	1	.06	.3	10	29	35	2.85	.06	.72	350	ND	.03	19	.07	6	ND	ND	ND	1	7	ND	ND	51
85-EAS-93	.1	1.57	3	ND	31	ND	.01	.1	2	19	7	1.72	.03	.36	118	ND	.01	6	.02	2	ND	ND	ND	ND	2	1	ND	24
85-EAS-94	.3	2.47	8	ND	92	4	.15	.4	14	37	45	3.04	.11	1.01	537	ND	.06	28	.06	5	ND	ND	ND	3	9	2	1	61
85-EAS-95	.1	2.61	ND	ND	17	ND	.02	.1	2	37	11	4.16	.05	.47	147	ND	.02	10	.08	6	ND	ND	ND	ND	3	1	ND	39
85-EAS-96	.1	2.21	3	ND	23	ND	.01	.1	2	21	9	2.67	.03	.28	98	ND	.02	6	.06	4	ND	ND	ND	ND	2	1	1	25
85-EAS-97	.1	1.88	8	ND	45	ND	.03	.2	5	18	6	1.82	.03	.42	129	ND	.01	10	.04	8	ND	ND	ND	3	5	ND	ND	27
85-EAS-98	.1	2.47	4	ND	37	ND	.01	.1	3	23	11	2.52	.03	.34	129	ND	.02	9	.03	4	ND	ND	ND	ND	3	ND	ND	27
85-EAS-99	.6	2.95	5	ND	38	3	.04	.2	8	30	18	2.89	.05	.58	214	ND	.05	9	.04	7	ND	ND	ND	6	4	2	ND	40
85-EAS-100	.3	3.72	ND	ND	34	2	.04	.4	8	31	26	3.11	.05	.61	235	ND	.03	16	.05	5	ND	ND	ND	4	4	ND	ND	43
85-EAS-101	.3	1.69	4	ND	28	1	.02	.2	4	17	5	2.27	.04	.30	118	ND	.03	4	.04	8	ND	ND	ND	4	3	2	3	19
85-EAS-102	.1	2.55	9	ND	27	ND	.01	.1	3	25	12	2.98	.03	.51	153	ND	.02	12	.06	3	ND	ND	ND	ND	3	ND	ND	41
85-EAS-103	.1	3.53	6	ND	31	ND	.01	.2	3	39	17	3.51	.06	.45	166	ND	.04	10	.08	7	ND	ND	ND	ND	3	1	1	42
85-EAS-106	.1	5.53	2	ND	34	ND	.01	.1	5	56	25	3.73	.06	.44	194	ND	.04	14	.10	16	ND	ND	ND	1	3	ND	ND	50
85-EAS-107	.1	2.99	5	ND	51	ND	.02	.1	4	34	22	3.42	.04	.47	312	ND	.02	12	.05	15	ND	ND	ND	ND	6	ND	1	48
85-EAS-108	.1	1.93	6	ND	30	ND	.01	.1	1	20	4	2.81	.03	.19	97	ND	.02	3	.02	4	ND	ND	ND	ND	2	ND	ND	14
85-EAS-109	.4	4.30	ND	ND	66	3	.03	.1	10	35	27	3.10	.09	.75	310	ND	.04	20	.05	10	ND	ND	ND	2	6	ND	ND	60
85-EAS-110	.1	3.59	ND	ND	67	ND	.03	.3	4	32	27	4.25	.05	.70	289	ND	.02	11	.08	4	ND	ND	ND	ND	5	ND	ND	55
85-EAS-111	.1	3.89	ND	ND	32	ND	.01	.1	5	41	24	3.29	.06	.53	186	ND	.03	14	.06	10	ND	ND	ND	ND	3	ND	ND	45
85-EAS-112	.1	4.37	5	ND	45	ND	.01	.3	8	50	42	4.00	.09	.83	291	ND	.05	25	.06	7	ND	ND	ND	ND	3	ND	ND	67
85-EAS-113	.1	4.16	10	ND	31	ND	.02	.1	10	48	38	4.29	.07	.64	255	1	.04	39	.06	3	ND	ND	ND	ND	4	ND	ND	94
85-EAS-114	.2	3.86	11	ND	41	ND	.09	.4	31	46	27	4.32	.09	.59	534	3	.07	61	.05	5	ND	ND	ND	ND	10	ND	ND	104
85-EAS-115	.1	3.56	9	ND	30	2	.01	.2	7	45	41	3.75	.06	1.24	339	1	.03	33	.02	6	ND	ND	ND	ND	4	ND	3	84
85-EAS-116	.1	2.86	6	ND	39	ND	.02	.2	6	33	20	3.25	.04	.64	291	ND	.03	17	.02	11	ND	ND	ND	ND	7	ND	ND	56
85-EAS-117	.1	4.00	6	ND	32	ND	.01	.2	5	43	33	4.43	.08	.65	231	ND	.05	19	.04	9	ND	ND	ND	ND	3	ND	ND	54
85-EAS-118	.1	2.29	8	ND	27	ND	.01	.4	3	32	16	3.62	.03	.55	214	ND	.02	13	.05	3	ND	ND	ND	ND	3	ND	ND	43
85-EAS-119	.1	3.94	5	ND	32	ND	.01	.1	3	39	20	3.81	.04	.38	149	ND	.03	10	.10	5	ND	ND	ND	ND	3	ND	ND	39
85-EAP-3	.1	2.67	10	ND	61	1	.09	.3	15	55	33	3.57	.11	1.32	580	ND	.04	41	.04	6	ND	ND	ND	2	9	ND	1	91
85-EAS-6	.3	2.60	5	ND	59	1	.10	.4	15	61	33	3.52	.11	1.35	561	ND	.05	45	.04	13	ND	ND	1	ND	9	1	4	89
85-EBL-47	.2	2.51	19	ND	120	1	.14	.4	15	48	34	3.04	.15	1.09	522	ND	.05	35	.05	4	ND	ND	ND	2	11	ND	5	78
85-EBL-48	.4	3.06	13	ND	128	ND	.12	.4	15	64	37	3.55	.16	1.34	538	ND	.06	42	.05	10	ND	ND	ND	2	10	ND	1	92
85-EBL-49	.3	3.26	7	ND	134	3	.12	.3	16	65	38	3.69	.18	1.43	586	ND	.06	40	.06	9	ND	ND	ND	3	11	ND	2	98
85-EBL-50	.3	3.16	10	ND	129	1	.10	.6	14	64	34	3.62	.16	1.41	541	ND	.05	38	.05	3	ND	ND	ND	3	9	ND	5	93
85-EDL-1	.5	2.55	6	ND	204	3	.18	.4	14	55	26	3.22	.22	1.26	482	ND	.07	29	.05	10	ND	ND	ND	4	12	ND	ND	77
85-EDL-2	.6	2.62	5	ND	225	2	.19	.6	15	57	26	3.30	.24	1.30	493	ND	.07	29	.05	10	ND	ND	ND	4	14	1	2	79
85-EDL-3	.5	2.41	11	ND	221	3	.18	.3	14	54	25	3.07	.23	1.21	466	ND	.06	29	.05	4	ND	ND	ND	4	15	ND	4	71
85-EDL-4	.6	3.36	10	ND	172	2	.28	.5	21	65	53	3.83	.22	1.44	607	ND	.10	56	.07	16	ND	ND	1	4	23	2	6	108
85-EDL-5	.5	2.38	9	ND	211	ND	.17	.4	14	53	26	3.02	.23	1.17	453	ND	.06	27	.05	6	ND	ND	ND	4	13	ND	2	70
85-EDL-6	.6	2.59	10	ND	229	4	.21	.3	16	54	29	3.07	.22	1.19	481	ND	.07	28	.05	4	ND	ND	ND	5	17	ND	2	72
85-EDL-7	.5	2.47	7	ND	249	3	.18	.4	15	54	26	3.05	.24	1.21	457	ND	.06	26	.05	2	ND	ND	ND	5	15	ND	3	70

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-EDL-8	.5	2.25	8	ND	225	6	.17	.3	14	51	25	2.92	.22	1.14	436	ND	.05	29	.05	6	ND	ND	ND	4	12	ND	4	70
85-EDL-9	.4	3.21	7	ND	138	5	.14	.3	18	73	40	3.72	.14	1.46	566	ND	.03	43	.05	5	ND	ND	ND	4	12	ND	ND	96
85-EDL-10	.4	2.34	5	ND	219	5	.21	.4	14	52	26	2.96	.21	1.18	442	ND	.05	27	.05	9	ND	ND	ND	5	18	ND	2	68
85-EDL-11	.3	2.73	2	ND	109	5	.27	.3	16	59	38	3.43	.15	1.43	577	ND	.04	45	.06	8	ND	ND	ND	3	23	ND	4	99
85-EDL-12	.3	2.74	4	ND	101	5	.23	.4	16	59	36	3.42	.16	1.43	571	ND	.04	46	.05	14	ND	ND	ND	4	17	3	ND	95
85-EDL-13	.4	2.74	1	ND	124	5	.23	.3	16	59	36	3.47	.16	1.44	577	ND	.04	46	.06	10	ND	ND	ND	3	17	ND	1	99
85-EDL-14	.4	3.06	4	ND	148	7	.29	.5	19	63	41	3.74	.20	1.51	706	ND	.06	50	.07	5	ND	ND	ND	4	23	1	2	108
85-EDL-15	.4	2.99	6	ND	126	4	.24	.4	18	63	41	3.73	.18	1.54	646	ND	.05	49	.06	12	ND	ND	ND	2	18	1	4	105
85-EDL-16	.3	2.62	2	ND	147	8	.22	.3	15	55	32	3.32	.18	1.31	554	ND	.05	40	.06	14	ND	ND	ND	3	17	ND	2	95
85-EDL-17	.3	2.56	5	ND	148	6	.20	.1	15	54	31	3.22	.19	1.28	572	ND	.05	36	.06	8	ND	ND	ND	4	16	1	1	94
85-EDL-18	.3	2.82	11	ND	41	4	.20	.2	16	37	37	3.40	.12	.95	535	ND	.06	51	.07	12	ND	ND	ND	1	33	2	1	95
85-EDL-19	.4	2.53	12	ND	213	7	.14	.1	15	56	23	2.99	.21	1.16	412	ND	.05	26	.05	4	ND	ND	ND	5	9	ND	3	55
85-EDL-20	.5	2.40	14	ND	212	6	.15	.2	14	54	22	2.84	.21	1.11	380	ND	.05	23	.04	19	ND	ND	ND	5	9	ND	2	51
[illegible]-21	.6	2.64	10	ND	231	4	.17	.1	15	59	22	3.06	.24	1.18	403	ND	.07	27	.04	44	ND	ND	ND	6	11	2	4	51
85-EDL-22	.5	2.65	6	ND	214	5	.14	.3	15	57	21	3.04	.22	1.14	406	ND	.07	26	.04	7	ND	ND	ND	6	8	2	3	53
85-EDL-23	.2	2.62	13	ND	53	6	.26	.5	18	36	46	3.55	.12	1.17	916	ND	.06	64	.07	8	ND	ND	ND	2	28	ND	ND	116
85-EDL-24	.5	2.87	20	ND	59	4	.31	.6	19	37	48	3.73	.15	1.20	1209	ND	.08	78	.08	12	ND	ND	ND	3	34	4	2	131
85-EDL-25	.2	2.83	11	ND	62	4	.25	.5	17	38	41	3.53	.13	1.20	1059	ND	.06	67	.07	19	ND	ND	ND	1	26	1	2	124
85-EDL-26	.2	2.67	13	ND	59	3	.24	.6	17	36	42	3.52	.12	1.20	1127	ND	.06	69	.06	14	ND	ND	ND	2	26	ND	ND	131
85-EDL-27	.2	2.58	8	ND	58	4	.23	.5	16	32	37	3.30	.11	1.14	937	ND	.05	60	.05	10	ND	ND	ND	2	25	ND	4	118
85-EDL-29	.2	2.93	19	ND	136	6	.16	.4	14	53	35	3.25	.16	1.15	524	ND	.05	45	.05	5	ND	ND	ND	3	14	ND	2	81
85-EDL-30	.3	3.27	26	ND	163	6	.17	.2	16	64	34	3.59	.18	1.34	584	ND	.04	43	.05	6	ND	ND	ND	4	15	ND	1	92
85-EDL-31	.3	3.15	19	ND	150	5	.16	.3	15	53	34	3.37	.16	1.17	515	ND	.06	35	.05	22	ND	ND	ND	2	15	ND	ND	83
85-EDL-32	.2	3.27	21	ND	157	4	.15	.4	14	56	33	3.42	.17	1.23	522	ND	.06	37	.05	12	ND	ND	ND	3	16	ND	ND	82
85-EDL-43	.4	2.45	3	ND	88	5	.21	.5	15	47	42	3.62	.19	1.27	555	ND	.05	37	.08	5	ND	ND	ND	4	11	ND	1	85
85-EDS-44	.1	2.32	4	ND	43	2	.05	.1	2	20	12	2.92	.04	.46	155	ND	.03	9	.05	10	ND	ND	ND	ND	7	ND	ND	30
85-EDS-45	.1	1.85	4	ND	18	ND	.01	.1	1	14	7	2.13	.03	.25	88	ND	.02	7	.03	2	ND	ND	ND	ND	4	ND	ND	16
85-EDS-46	.1	2.58	2	ND	26	ND	.01	.1	1	19	13	3.17	.05	.37	123	ND	.02	7	.05	9	ND	ND	ND	ND	6	ND	ND	27
85-EDS-47	.1	3.85	ND	ND	36	ND	.01	.1	2	27	19	3.50	.06	.42	137	ND	.03	8	.08	5	ND	ND	ND	ND	5	ND	ND	41
85-EDS-48	.1	2.91	9	ND	25	ND	.02	.1	2	34	21	4.78	.07	.41	137	ND	.01	11	.08	10	ND	ND	ND	ND	4	ND	ND	38
85-EDS-49	.1	1.49	14	ND	15	ND	.03	.1	1	18	5	3.40	.04	.20	75	ND	.01	5	.06	20	ND	ND	ND	1	4	ND	ND	18
85-EDS-50	.1	2.98	19	ND	26	ND	.05	.1	3	37	29	5.11	.08	.59	177	ND	.01	16	.09	8	ND	ND	ND	ND	6	ND	1	55
[illegible]-EDS-51	.1	.83	10	ND	10	1	.07	.1	ND	7	3	1.33	.02	.03	64	ND	.01	1	.03	4	ND	ND	ND	1	7	ND	ND	5
[illegible]DS-52	.2	.72	5	ND	7	ND	.02	.1	ND	3	ND	.73	.02	.01	68	ND	.02	ND	.01	5	ND	ND	1	1	3	ND	1	ND
85-EDS-53	.1	2.54	15	ND	26	ND	.02	.1	2	37	15	5.34	.09	.36	134	ND	.03	10	.12	9	ND	ND	ND	2	6	ND	ND	30
85-EDS-54	.1	4.58	3	ND	53	3	.01	.2	9	36	23	3.83	.09	.46	456	ND	.06	16	.08	14	ND	ND	ND	ND	6	ND	ND	49
85-EDS-55	.1	4.36	2	ND	67	2	.01	.1	9	45	39	4.18	.13	.72	267	ND	.07	37	.07	10	ND	ND	ND	1	5	2	ND	71
85-EDS-56	.1	5.99	ND	ND	76	ND	.01	.2	8	51	49	4.70	.12	.90	276	ND	.06	37	.07	5	ND	ND	ND	ND	9	ND	ND	90
85-EDS-57	.1	5.04	ND	ND	79	3	.02	.5	11	38	37	3.72	.13	.76	297	ND	.06	32	.06	14	ND	ND	ND	ND	6	1	ND	69

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-EDS-58	.2	3.93	ND	ND	117	4	.02	.2	8	31	19	2.84	.15	.71	256	ND	.04	18	.03	9	ND	ND	ND	4	6	ND	ND	54
85-EDS-59	.4	4.33	ND	ND	96	5	.04	.4	9	31	21	2.78	.14	.79	265	ND	.04	18	.04	7	ND	ND	ND	8	11	ND	1	60
85-EDS-60	.2	3.45	ND	ND	63	4	.03	.3	7	29	23	3.01	.08	.67	328	ND	.04	16	.05	6	ND	ND	ND	2	5	ND	2	46
85-EDS-61	.1	4.68	ND	ND	67	2	.02	.4	6	37	27	3.59	.07	.65	169	ND	.03	16	.05	4	ND	ND	ND	3	4	ND	ND	50
85-EDS-62	.1	3.93	2	ND	38	2	.01	.3	5	32	19	3.42	.08	.54	171	ND	.05	13	.07	10	ND	ND	ND	1	4	1	3	43
85-EDS-63	.1	4.26	1	ND	34	1	.01	.5	6	41	24	4.05	.09	.45	209	ND	.05	16	.11	14	ND	ND	ND	1	4	ND	ND	41
85-EDS-64	.1	4.72	ND	ND	45	ND	.01	.2	7	36	30	3.50	.08	.50	204	ND	.03	18	.07	3	ND	ND	ND	ND	3	1	ND	50
85-EDS-65	.1	5.40	ND	ND	40	ND	.01	.4	6	63	39	6.87	.13	.50	257	ND	.05	25	.14	8	ND	ND	ND	ND	3	ND	ND	51
85-EDS-66	.1	2.75	2	ND	30	ND	.01	.4	3	25	17	3.22	.06	.23	151	ND	.04	7	.12	5	ND	ND	ND	1	3	ND	ND	25
85-EDS-67	.1	3.11	ND	ND	41	ND	.01	.1	6	33	24	3.64	.06	.52	249	ND	.02	13	.08	3	ND	ND	ND	ND	2	ND	ND	42
85-EDS-68	.1	4.72	4	ND	40	2	.01	.4	7	50	37	4.54	.08	.53	255	ND	.05	17	.14	5	ND	ND	ND	ND	3	ND	ND	58
85-EDS-69	.1	4.53	1	ND	39	1	.01	.3	5	47	34	4.60	.08	.37	166	ND	.05	18	.13	14	ND	ND	ND	ND	3	ND	ND	46
[illegible]-EDS-70	.1	6.64	ND	ND	54	ND	.01	.6	10	63	60	4.87	.12	.77	273	ND	.07	52	.16	10	ND	ND	ND	ND	4	ND	ND	81
[illegible]S-71	.1	5.61	ND	ND	42	ND	.01	.3	5	59	40	5.49	.10	.39	152	ND	.03	19	.15	9	ND	ND	ND	ND	3	ND	ND	54
85-EDS-72	.1	4.40	3	ND	50	ND	.01	.6	7	41	35	3.51	.09	.46	244	ND	.05	22	.13	9	ND	ND	ND	ND	4	ND	ND	55
85-EDS-73	.1	4.96	ND	ND	43	ND	.01	.2	5	33	25	3.20	.09	.35	138	ND	.06	14	.06	6	ND	ND	ND	ND	4	ND	ND	45
85-EDS-74	.1	4.69	9	ND	32	4	.02	.2	6	45	30	4.31	.12	.64	242	ND	.07	20	.16	8	ND	ND	ND	3	5	1	ND	54
85-EDS-75	.1	2.40	3	ND	33	ND	.01	.2	2	22	12	3.01	.06	.23	103	ND	.03	6	.04	11	ND	ND	ND	1	3	1	ND	21
85-EDS-76	.1	4.41	ND	ND	38	1	.01	.2	4	33	22	3.43	.09	.42	155	ND	.04	12	.06	7	ND	ND	ND	ND	3	ND	ND	45
85-EDS-77	.1	3.24	ND	ND	33	2	.03	.4	3	24	16	2.80	.07	.36	117	ND	.03	16	.03	15	ND	ND	ND	1	4	ND	ND	29
85-EDS-78	.2	4.33	ND	ND	91	4	.01	.4	7	29	22	2.77	.09	.78	187	ND	.03	18	.03	8	ND	ND	ND	2	5	ND	ND	52
85-EDS-79	.1	4.41	ND	ND	44	2	.01	.4	4	27	22	2.82	.05	.43	129	ND	.03	13	.05	2	ND	ND	ND	1	4	ND	ND	42
85-EDS-80	.1	2.78	ND	ND	29	1	.02	.4	3	24	14	2.57	.05	.44	164	ND	.03	11	.04	3	ND	ND	ND	2	5	ND	ND	31
85-EDS-81	.1	4.90	5	ND	59	2	.04	.4	8	24	25	3.48	.14	.55	277	ND	.09	20	.09	8	ND	ND	ND	ND	8	ND	ND	52
85-EDS-82	.1	3.73	ND	ND	43	ND	.01	.4	3	34	22	4.08	.06	.35	111	ND	.02	11	.07	7	ND	ND	ND	ND	3	ND	ND	41
85-EDS-83	.1	4.64	3	ND	54	ND	.01	.5	6	31	24	3.32	.09	.48	271	ND	.03	15	.05	4	ND	ND	ND	ND	8	ND	ND	47
85-EDS-84	.1	5.07	18	ND	58	1	.01	.5	10	61	46	6.08	.13	.50	933	ND	.05	35	.12	13	ND	ND	ND	ND	3	ND	ND	55
85-EDS-85	.1	5.80	83	ND	99	4	.04	.8	95	49	159	5.70	.30	1.13	2913	1	.21	180	.15	34	ND	ND	ND	1	11	4	ND	138
85-EDS-86	.1	4.43	6	ND	45	3	.01	.4	5	37	35	3.93	.08	.61	161	ND	.03	17	.05	11	ND	ND	ND	ND	4	ND	ND	49
85-EDS-87	.1	6.01	15	ND	35	1	.02	.5	4	31	27	4.36	.09	.31	111	ND	.07	9	.15	3	ND	ND	ND	ND	4	ND	ND	37
85-EDS-88	.1	3.48	12	ND	44	3	.01	.3	5	45	30	4.30	.09	.64	200	ND	.04	23	.06	9	ND	ND	ND	1	4	ND	2	49
85-EDS-89	.1	5.99	ND	ND	49	5	.01	.4	9	65	43	4.37	.13	.93	267	ND	.05	30	.06	4	ND	ND	ND	2	3	1	1	70
[illegible]DS-90	.1	5.96	9	ND	35	2	.01	.4	7	47	44	3.89	.11	.68	188	ND	.08	19	.09	ND	ND	ND	ND	ND	3	ND	ND	57
[illegible]S-91	.1	6.05	ND	ND	32	3	.02	.4	6	39	41	3.69	.12	.66	185	ND	.11	23	.07	5	ND	ND	ND	1	4	ND	ND	53
85-EDS-92	.1	4.24	7	ND	27	ND	.01	.5	3	41	28	4.79	.10	.48	143	ND	.05	13	.06	10	ND	ND	ND	ND	3	ND	ND	40
85-EDS-93	.3	3.70	6	ND	40	3	.01	.5	6	38	36	3.87	.10	.86	234	ND	.05	25	.05	6	ND	ND	ND	1	5	ND	ND	66
85-EDS-94	.1	5.52	2	ND	33	2	.01	.5	6	51	41	4.33	.11	.88	242	ND	.04	25	.05	3	ND	ND	ND	ND	5	ND	ND	66
85-EDS-95	.1	4.60	18	ND	31	ND	.01	.3	4	40	34	3.84	.10	.42	139	1	.06	13	.07	13	ND	ND	ND	1	3	ND	ND	45
85-EDS-96	.1	4.86	370	ND	41	1	.01	.2	6	42	47	4.48	.13	.84	212	ND	.09	28	.09	8	ND	ND	ND	1	4	ND	ND	74

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-EDS-97	.1	4.59	27	ND	31	ND	.01	.5	4	47	32	4.91	.09	.57	172	ND	.06	19	.16	6	ND	ND	ND	ND	4	ND	ND	48
85-EDS-98	.1	3.22	10	ND	28	ND	.02	.1	2	36	16	4.65	.04	.34	133	ND	.02	8	.10	5	ND	ND	ND	1	4	ND	ND	34
85-EDS-99	.1	4.16	7	ND	53	ND	.03	.6	13	48	44	3.90	.09	.89	523	ND	.09	32	.11	18	ND	ND	ND	2	6	ND	ND	73
85-EDS-100	.1	4.66	ND	ND	40	ND	.02	.4	8	58	31	4.65	.09	.70	289	ND	.05	26	.10	2	ND	ND	ND	1	5	ND	ND	61
85-EDS-101	.1	6.01	ND	ND	47	1	.02	.5	8	56	41	4.42	.08	.74	261	ND	.06	26	.10	ND	ND	ND	ND	ND	6	ND	1	71
85-EDS-102	.1	4.57	4	ND	45	1	.02	.3	8	53	35	4.06	.10	.77	267	ND	.06	26	.06	2	ND	ND	ND	ND	6	ND	1	66
85-EDS-103	.1	5.35	ND	ND	78	ND	.01	.6	9	63	49	5.12	.11	.79	322	ND	.13	37	.11	10	ND	ND	ND	ND	14	ND	ND	73
85-EDS-104	.1	7.24	16	ND	120	2	.01	.6	14	58	75	4.85	.11	1.11	410	ND	.12	75	.06	5	ND	ND	ND	ND	6	ND	ND	139
85-EDS-105	.1	7.03	5	ND	77	1	.02	.6	17	70	56	5.56	.15	.95	396	ND	.12	53	.07	1	ND	ND	ND	ND	10	ND	ND	97
85-EDS-106	.2	7.06	23	ND	226	2	.06	1.0	99	55	108	5.68	.28	1.32	2351	1	.31	182	.15	9	ND	ND	ND	ND	117	1	ND	201
85-EDS-107	.5	4.41	5	ND	57	ND	.05	.5	22	50	43	3.78	.12	.74	657	ND	.11	38	.06	13	ND	ND	ND	2	11	ND	ND	80
85-EDS-108	3.2	5.30	21	ND	50	1	.06	.4	42	57	44	4.06	.19	.75	750	ND	.28	44	.07	4	ND	ND	ND	ND	11	ND	ND	94
85-EDS-109	.1	3.73	12	ND	86	ND	.05	.3	17	38	27	3.74	.08	.64	571	2	.06	28	.04	6	ND	ND	ND	ND	10	ND	ND	60
[illegible]DS-110	.8	4.54	16	ND	47	ND	.10	.6	12	51	57	5.23	.09	.54	249	ND	.06	40	.13	5	ND	ND	ND	ND	34	ND	ND	72
[illegible]EDS-111	.1	3.40	11	ND	51	1	.21	.6	14	38	42	3.78	.10	.91	451	ND	.08	33	.11	9	ND	ND	ND	ND	57	ND	ND	77
85-EDS-112	.2	3.09	15	ND	68	1	.13	.4	14	36	41	3.52	.10	.83	476	ND	.09	29	.12	17	ND	ND	ND	ND	18	ND	1	72
85-EDS-113	.1	5.41	10	ND	33	ND	.02	.3	5	75	36	5.26	.10	.73	274	ND	.04	26	.19	5	ND	ND	ND	ND	5	ND	ND	68
85-EDS-114	.1	4.36	15	ND	37	ND	.03	.4	6	53	44	4.09	.05	.62	308	ND	.01	22	.39	6	ND	ND	ND	ND	6	ND	ND	57
85-EDS-115	.1	3.90	6	ND	43	ND	.04	.3	5	47	32	3.85	.09	.58	430	ND	.04	19	.11	ND	ND	ND	ND	ND	5	ND	ND	53
85-EDS-116	.4	1.89	13	ND	35	ND	.05	.3	3	29	18	2.87	.08	.32	310	1	.04	12	.08	6	ND	ND	ND	1	8	ND	ND	30
85-EDS-117	.8	4.11	4	ND	37	1	.08	.4	9	43	35	3.44	.15	.56	554	1	.08	30	.09	5	ND	ND	ND	2	7	8	ND	70
85-EDS-118	.5	4.28	10	ND	42	2	.03	.2	7	46	34	4.29	.10	.73	1193	1	.07	19	.21	13	ND	ND	ND	ND	6	ND	ND	67
85-EDS-119	.6	4.39	3	ND	49	ND	.03	.3	6	49	49	4.40	.09	.54	275	1	.05	19	.10	7	ND	ND	ND	ND	8	ND	ND	55
85-EDS-120	3.2	4.93	32	ND	37	3	.07	.1	12	45	72	4.16	.14	.63	329	2	.09	34	.13	8	ND	ND	ND	1	14	ND	ND	68
85-EDS-121	1.3	2.84	17	ND	59	ND	.12	.6	30	33	44	3.47	.12	.58	665	2	.07	50	.11	19	ND	ND	ND	ND	24	ND	ND	98
85-EDS-122	3.2	4.31	26	ND	44	ND	.08	.5	33	50	66	4.38	.14	.81	676	3	.10	61	.12	10	ND	ND	ND	ND	19	ND	ND	125
85-EDS-123	1.1	3.42	8	ND	54	ND	.08	.1	20	40	34	3.91	.14	.54	841	3	.09	36	.07	13	ND	ND	ND	ND	20	1	1	87
85-EDS-124	.1	3.33	11	ND	37	ND	.01	.1	4	56	37	6.53	.14	.48	212	ND	.03	28	.14	6	ND	ND	ND	ND	4	ND	ND	51
84-EDS-125	.4	2.68	4	ND	32	ND	.03	.1	4	24	10	2.58	.09	.23	140	ND	.05	9	.08	7	ND	ND	ND	3	6	ND	ND	28
85-EDS-126	.5	4.63	ND	ND	52	1	.02	.3	7	35	16	4.38	.14	.49	255	ND	.06	14	.09	9	ND	ND	ND	3	10	1	ND	43
85-EDS-127	.4	2.01	7	ND	25	ND	.01	.1	2	23	8	2.93	.10	.15	79	ND	.05	7	.05	6	ND	ND	ND	2	4	1	ND	16
85-EDS-128	.2	2.82	12	ND	80	ND	.01	.1	3	32	34	4.16	.13	.29	118	ND	.06	18	.10	17	ND	ND	ND	1	6	4	ND	36
[illegible]EDS-129	.3	1.64	10	ND	18	1	.01	.1	2	16	5	2.67	.09	.15	68	ND	.05	5	.05	7	ND	ND	ND	1	3	3	1	14
[illegible]EDS-130	.4	1.48	14	ND	14	ND	.01	.1	1	18	5	2.35	.09	.14	81	ND	.04	6	.04	9	ND	ND	ND	ND	3	5	ND	13
[illegible]EDS-131	.2	2.63	2	ND	35	ND	.01	.3	3	27	16	2.85	.09	.44	120	ND	.04	14	.04	6	ND	ND	ND	ND	4	ND	1	34
85-EML-51	.5	2.28	ND	ND	83	4	.09	.2	12	44	13	2.89	.16	1.02	523	ND	.05	22	.03	7	ND	ND	ND	5	7	ND	4	62
85-EML-52	.6	2.86	9	ND	158	3	.18	.3	18	62	33	3.49	.24	1.38	730	ND	.08	39	.05	7	ND	ND	ND	5	12	2	3	96
85-EML-53	.6	2.94	12	ND	111	6	.15	.3	15	50	35	3.07	.21	1.07	454	ND	.08	37	.05	5	ND	ND	ND	4	12	2	4	75
85-EML-54	.6	2.88	12	ND	96	4	.15	.3	14	57	37	3.27	.18	1.18	479	ND	.07	44	.04	6	ND	ND	ND	4	14	1	3	93

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-EML-55	.1	3.02	2	ND	99	ND	.08	.4	15	56	33	3.39	.12	1.30	602	ND	.03	35	.04	ND	ND	ND	ND	1	8	ND	ND	87
85-EML-56	.1	2.10	3	ND	35	ND	.05	.1	5	33	8	2.34	.04	.73	282	ND	.02	16	.01	5	ND	ND	ND	ND	5	ND	1	48
85-EML-57	.6	4.11	ND	ND	53	4	.47	.6	42	229	62	4.11	.15	2.71	1269	ND	.01	126	.03	2	ND	ND	ND	6	12	ND	1	116
85-ERL-1	.3	3.50	5	ND	212	4	.23	.4	20	79	45	3.83	.22	1.57	616	ND	.09	54	.05	12	ND	ND	ND	2	22	ND	ND	102
85-ERL-2	.2	3.80	18	ND	162	1	.22	.5	23	85	54	4.25	.22	1.63	745	ND	.09	62	.07	10	ND	ND	ND	1	32	ND	ND	112
85-ERL-3	.4	3.11	4	ND	243	5	.28	.1	16	70	30	3.22	.24	1.35	469	ND	.09	38	.05	11	ND	ND	ND	3	26	1	1	76
85-ERL-4	.5	3.74	3	ND	264	2	.39	.6	22	101	47	3.42	.25	1.58	549	ND	.09	56	.06	12	ND	ND	ND	3	52	ND	ND	88
85-ERL-5	.4	2.40	5	ND	222	3	.18	.4	12	47	22	2.66	.20	1.01	381	ND	.10	25	.04	19	ND	ND	ND	3	13	ND	4	59
85-ERL-6	.5	2.06	11	ND	217	3	.16	.2	11	43	19	2.42	.21	.93	357	ND	.08	23	.04	2	ND	ND	ND	3	10	2	1	53
85-ERL-7	.4	2.04	12	ND	248	4	.20	.4	11	44	20	2.43	.23	.94	364	ND	.07	21	.05	8	ND	ND	ND	2	16	ND	2	57
85-ERL-8	.4	1.98	13	ND	180	4	.20	.4	11	38	21	2.24	.17	.78	385	ND	.08	21	.04	2	ND	ND	ND	1	15	2	1	48
85-ERL-9	.4	1.90	10	ND	192	4	.19	.4	10	41	17	2.33	.20	.86	372	ND	.09	19	.04	3	ND	ND	ND	1	12	3	2	48
[illegible]ERL-10	.4	2.00	2	ND	194	3	.22	.4	11	43	18	2.41	.20	.86	405	ND	.09	21	.04	2	ND	ND	ND	2	14	2	2	56
[illegible]RL-11	.3	2.28	9	ND	146	3	.19	.2	12	55	24	2.93	.21	1.14	458	ND	.09	32	.05	6	ND	ND	1	1	17	4	3	71
[illegible]-ERL-12	.6	2.87	1	ND	194	6	.23	.4	17	64	31	3.44	.25	1.40	535	ND	.10	37	.05	4	ND	ND	1	2	19	5	3	90
85-ERL-13	.4	2.42	6	ND	180	6	.19	.5	13	56	27	3.05	.23	1.22	470	ND	.09	32	.05	12	ND	ND	1	2	15	5	3	78
85-ERL-14	.1	2.31	9	ND	40	2	.13	.2	10	37	24	3.11	.12	1.06	535	ND	.07	34	.04	5	ND	ND	2	ND	13	4	1	77
85-ERL-15	.1	2.45	10	ND	43	ND	.16	.5	12	38	30	3.28	.12	1.17	679	ND	.08	41	.05	7	ND	ND	ND	ND	19	4	2	92
85-ERL-16	.2	2.75	10	ND	59	4	.27	.6	16	36	37	3.44	.15	1.06	862	ND	.09	49	.07	17	ND	ND	ND	ND	33	2	ND	97
85-ERL-17	.1	2.26	11	ND	67	1	.44	1.1	23	37	34	3.49	.10	.99	2237	ND	.05	79	.08	11	ND	ND	ND	ND	51	ND	1	103
85-ERL-18	.2	2.75	4	ND	59	2	.17	.6	12	38	32	3.17	.10	1.10	496	ND	.06	43	.05	11	ND	ND	ND	ND	21	ND	ND	88
85-ERL-19	.1	2.98	3	ND	82	3	.10	.3	15	37	33	3.19	.11	1.14	629	ND	.05	35	.05	15	ND	ND	ND	ND	16	ND	ND	88
85-ERL-20	.1	2.28	4	ND	191	4	.16	.2	11	55	21	2.82	.21	1.10	405	ND	.09	25	.05	ND	ND	ND	ND	2	8	ND	2	49
85-ERL-21	.2	2.51	5	ND	188	4	.19	.2	13	60	24	3.05	.21	1.18	449	ND	.09	29	.05	ND	ND	ND	ND	1	10	ND	4	54
85-ERL-22	.2	2.67	8	ND	193	6	.15	.3	15	58	28	3.07	.20	1.17	441	ND	.08	30	.05	ND	ND	ND	ND	2	11	ND	1	59
85-ERL-23	.1	3.77	ND	ND	158	5	.25	.6	20	82	53	4.28	.22	1.64	689	ND	.07	75	.06	10	ND	ND	ND	1	31	ND	1	128
85-ERL-24	.2	3.37	6	ND	142	2	.21	.6	19	64	56	3.86	.19	1.41	622	ND	.09	63	.07	16	ND	ND	ND	1	24	ND	ND	108
85-ERL-25	.1	2.15	3	ND	169	2	.16	.4	11	53	25	2.68	.19	1.06	392	ND	.06	28	.05	5	ND	ND	ND	1	10	ND	3	54
85-ERL-26	.1	2.40	7	ND	172	2	.14	.3	12	58	25	2.94	.18	1.15	420	ND	.06	28	.05	3	ND	ND	ND	1	9	ND	1	61
85-ERL-27	.2	2.40	2	ND	183	4	.16	.1	12	54	25	2.87	.20	1.14	422	ND	.07	29	.05	2	ND	ND	ND	1	10	ND	1	62
85-ERL-28	.3	2.81	2	ND	178	4	.17	.3	15	57	34	3.28	.18	1.22	478	ND	.07	34	.04	ND	ND	ND	ND	2	11	ND	ND	70
85-ERL-29	.2	3.33	7	ND	127	4	.21	.4	17	62	42	3.77	.18	1.40	592	ND	.09	45	.05	7	ND	ND	ND	1	18	ND	ND	102
[illegible]ERL-30	.4	3.78	3	ND	193	6	.19	.6	21	77	57	4.35	.26	1.69	645	ND	.10	53	.06	5	ND	ND	ND	3	17	ND	ND	126
[illegible]ERL-31	.1	2.47	3	ND	118	1	.18	.4	11	54	28	3.15	.19	1.23	485	ND	.07	32	.06	6	ND	ND	ND	1	13	1	1	83
85-ERL-32	.1	3.90	1	ND	192	3	.25	.3	21	77	53	4.26	.23	1.70	690	ND	.09	51	.06	6	ND	ND	ND	2	24	ND	ND	117
85-ERL-33	.1	4.00	4	ND	179	4	.18	.5	22	74	63	4.23	.22	1.57	666	ND	.09	56	.07	ND	ND	ND	ND	1	18	ND	ND	112
85-ERL-34	.1	4.04	22	ND	197	1	.29	.4	20	71	54	4.06	.23	1.50	782	ND	.09	59	.08	10	ND	ND	ND	ND	32	ND	ND	114
85-ERL-35	.1	3.77	24	ND	201	3	.23	.6	20	67	52	3.92	.21	1.49	739	ND	.07	59	.07	3	ND	ND	ND	ND	26	ND	ND	110
85-ERL-36	.1	3.47	21	ND	189	1	.19	.5	18	64	50	3.79	.22	1.45	660	ND	.07	53	.07	34	ND	ND	ND	1	21	ND	ND	108

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-ERS-79	.1	3.21	9	ND	51	4	.08	.1	11	37	38	3.63	.08	.76	415	ND	.07	25	.09	4	ND	ND	ND	1	11	ND	ND	64
85-ERS-80	.2	3.71	13	ND	51	4	.13	.4	21	42	59	4.12	.14	1.20	609	ND	.16	38	.10	48	ND	ND	ND	1	15	2	ND	95
85-ERS-81	.1	3.60	18	ND	47	6	.10	.6	19	41	54	3.90	.13	1.05	659	ND	.15	38	.12	9	ND	ND	ND	3	11	3	ND	92
85-ERS-82	.1	6.27	12	ND	40	2	.02	.5	9	77	53	5.16	.11	1.21	456	ND	.10	42	.22	1	ND	ND	ND	ND	4	ND	ND	94
85-ERS-83	.3	3.17	3	ND	31	2	.04	.4	5	38	25	3.52	.05	.51	591	ND	.04	16	.13	7	ND	ND	ND	1	6	ND	ND	51
85-ERS-84	.1	3.20	7	ND	69	2	.05	.3	6	39	28	3.67	.08	.77	323	ND	.08	27	.08	12	ND	ND	ND	2	8	ND	ND	62
85-ERS-85	.1	2.38	3	ND	32	ND	.03	.4	1	26	11	2.66	.06	.24	167	ND	.05	8	.05	12	ND	ND	ND	3	5	ND	ND	25
85-ERS-86	1.0	3.00	ND	ND	50	ND	.10	.2	4	32	23	3.57	.08	.29	422	ND	.07	13	.07	17	ND	ND	ND	2	8	ND	ND	38
85-ERS-87	.1	2.03	20	ND	29	ND	.05	.3	29	29	20	4.93	.08	.31	418	ND	.03	24	.08	29	ND	ND	ND	2	11	ND	ND	57
85-ERS-88	.1	2.63	7	ND	47	ND	.08	.3	84	35	20	4.46	.08	.38	1476	ND	.03	38	.05	58	ND	ND	ND	2	13	ND	ND	110
85-ERS-89	1.2	2.82	9	ND	60	1	.13	.6	100	34	87	3.89	.10	.83	1558	ND	.12	76	.07	7	ND	ND	ND	1	36	ND	ND	129
85-ERS-90	.3	.61	12	ND	91	ND	.24	.2	4	9	13	.89	.03	.14	104	ND	.02	9	.07	12	ND	ND	ND	3	38	ND	ND	33
[illegible]S-91	.1	4.16	20	ND	60	ND	.10	.5	11	48	40	5.55	.11	.76	374	2	.05	25	.08	1	ND	ND	ND	2	28	1	ND	80
[illegible]S-92	.1	1.99	11	ND	34	ND	.07	.3	2	30	15	3.39	.06	.33	167	ND	.03	10	.04	4	ND	ND	ND	3	14	ND	ND	38
85-ERS-93	.2	3.02	1	ND	50	2	.14	.1	7	28	26	3.23	.08	.35	252	ND	.09	17	.04	1	ND	ND	ND	3	20	ND	ND	40
85-ERS-94	.1	2.93	11	ND	46	ND	.09	.4	8	36	32	3.98	.08	.54	263	ND	.07	20	.05	1	ND	ND	ND	4	13	ND	ND	54
85-ERS-95	.1	3.99	6	ND	48	ND	.04	.5	14	44	42	4.13	.09	.52	646	ND	.06	24	.08	2	ND	ND	ND	2	7	ND	ND	68
85-ERS-96	.3	.68	15	ND	38	ND	.09	.1	1	16	11	1.07	.02	.19	114	ND	.02	6	.03	3	ND	ND	1	2	17	ND	ND	23
85-ERS-97	.1	5.10	ND	ND	51	3	.07	.2	6	52	54	4.60	.09	.82	535	ND	.06	23	.16	16	ND	ND	ND	1	10	ND	ND	77
85-ERS-98	.1	4.55	8	ND	41	ND	.07	.4	7	56	45	6.30	.09	.91	532	ND	.06	32	.19	13	ND	ND	ND	2	8	ND	ND	92
85-ERS-99	.5	4.78	3	ND	49	ND	.07	.3	14	38	43	4.07	.11	.47	426	ND	.12	32	.13	ND	ND	ND	ND	4	10	ND	ND	70
85-ERS-100	.1	5.50	5	ND	47	2	.05	.4	16	54	65	4.51	.13	1.02	542	ND	.06	55	.10	5	ND	ND	ND	2	8	ND	ND	95
85-ERS-101	.1	3.32	7	ND	45	1	.08	.2	16	38	40	3.51	.09	.87	590	ND	.07	30	.10	ND	ND	ND	ND	3	8	ND	ND	70
85-ERS-102	.2	2.47	5	ND	41	ND	.10	.5	8	27	30	3.06	.07	.63	428	ND	.07	21	.08	9	ND	ND	ND	3	13	ND	ND	53
85-ERS-103	.1	5.67	ND	ND	67	2	.03	.4	10	42	33	4.17	.12	.79	369	ND	.10	24	.08	ND	ND	ND	ND	1	6	ND	ND	67
85-ERS-104	.1	4.35	ND	ND	74	ND	.02	.1	8	34	29	3.45	.10	.50	315	ND	.09	19	.10	64	ND	ND	ND	ND	5	ND	ND	59
85-ERS-105	.1	4.91	ND	ND	57	2	.02	.2	8	35	25	3.27	.11	.62	269	ND	.07	20	.12	3	ND	ND	ND	1	5	ND	ND	57
85-ERS-106	.1	5.39	ND	ND	63	1	.02	.2	8	41	27	3.58	.12	.62	427	ND	.08	21	.08	5	ND	ND	ND	2	5	ND	ND	63
85-ERS-107	.2	4.10	ND	ND	57	1	.02	.2	6	31	18	2.53	.09	.51	371	ND	.07	15	.07	3	ND	ND	ND	2	5	2	ND	51
85-ERS-108	.1	4.03	ND	ND	68	ND	.02	.4	6	36	21	3.06	.10	.58	273	ND	.06	20	.08	9	ND	ND	ND	1	5	ND	ND	59
85-ERS-109	.1	4.14	1	ND	79	ND	.02	.2	8	40	28	3.37	.11	.86	307	ND	.05	31	.09	2	ND	ND	ND	2	6	ND	ND	77
85-ERS-110	.1	5.37	ND	ND	64	1	.02	.5	5	32	22	3.61	.10	.47	173	ND	.06	15	.17	3	ND	ND	ND	2	6	ND	ND	63
[illegible]RS-111	.4	1.42	4	ND	26	ND	.03	.2	2	12	10	1.28	.06	.24	93	ND	.04	6	.04	95	ND	ND	1	2	5	ND	ND	21
[illegible]RS-112	.1	4.77	ND	ND	57	ND	.01	.6	5	46	40	4.06	.11	.67	198	ND	.11	26	.12	4	ND	ND	ND	ND	4	ND	ND	82
85-ERS-113	.1	4.61	ND	ND	42	ND	.02	.3	6	41	32	3.37	.11	.69	198	ND	.08	25	.12	1	ND	ND	ND	2	5	ND	ND	66
85-ERS-114	.1	4.25	ND	ND	54	ND	.02	.2	5	28	20	2.84	.11	.62	152	ND	.06	19	.06	7	ND	ND	ND	ND	4	1	ND	63
85-ERS-115	.1	4.40	ND	ND	40	1	.02	.4	5	36	19	2.75	.09	.63	152	ND	.05	18	.04	ND	ND	ND	ND	1	5	ND	ND	55
85-ERS-116	.1	3.15	5	ND	24	ND	.01	.2	2	27	16	2.89	.07	.34	115	ND	.05	12	.08	8	ND	ND	ND	1	3	ND	ND	36
85-ERS-117	.1	4.98	ND	ND	42	ND	.03	.3	4	35	24	3.64	.10	.64	169	ND	.06	15	.13	15	ND	ND	ND	1	7	ND	ND	58

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-ERS-118	.1	3.61	ND	ND	35	4	.01	.1	4	31	20	3.31	.08	.68	184	ND	.06	18	.08	6	ND	ND	ND	1	5	ND	1	53
85-ERS-119	.2	6.61	ND	ND	39	1	.04	.5	8	62	50	4.04	.11	.97	308	ND	.09	33	.12	21	ND	ND	ND	2	8	ND	ND	78
85-ERS-120	.1	9.06	ND	ND	44	3	.02	.4	9	83	63	4.44	.12	.99	329	ND	.10	38	.14	13	ND	ND	ND	2	7	ND	ND	82
85-ERS-121	.1	6.90	ND	ND	60	5	.03	.2	9	62	53	4.83	.12	1.06	378	ND	.08	39	.13	14	ND	ND	ND	3	7	ND	ND	96
85-ERS-122	.1	6.42	2	ND	54	3	.04	.4	7	62	50	4.86	.13	.84	342	ND	.09	31	.12	15	ND	ND	ND	2	8	ND	ND	83
85-ERS-123	.1	6.79	ND	ND	73	3	.03	.3	6	76	49	6.29	.13	.81	297	ND	.05	41	.21	15	ND	ND	ND	3	5	ND	ND	90
85-ERS-124	.1	5.76	13	ND	67	6	.05	.2	11	66	56	4.89	.14	1.02	377	ND	.11	42	.24	13	ND	ND	ND	4	8	ND	ND	88
85-ERS-125	.1	7.34	ND	ND	48	3	.02	.3	7	82	47	6.32	.14	.93	308	ND	.10	31	.15	11	ND	ND	ND	4	5	ND	ND	81
85-ERS-126	.1	4.11	ND	ND	31	ND	.01	.2	2	46	23	4.51	.07	.40	195	ND	.05	13	.14	10	ND	ND	ND	ND	3	ND	ND	43
85-ERS-127	.1	6.21	9	ND	79	5	.02	.5	11	66	52	4.38	.14	1.11	335	ND	.10	43	.07	13	ND	ND	ND	3	5	ND	ND	96
85-ERS-128	.1	4.55	9	ND	90	7	.11	.6	18	56	54	4.05	.15	1.21	557	ND	.11	47	.06	9	ND	ND	ND	4	14	ND	1	98
85-ERS-129	.1	5.65	5	ND	123	7	.10	.6	44	74	103	5.74	.28	1.85	915	ND	.18	90	.10	11	ND	ND	ND	6	14	ND	ND	157
85-ERS-130	.1	5.55	4	ND	78	2	.04	.3	12	65	35	5.62	.15	1.01	328	ND	.09	43	.03	12	ND	ND	ND	1	8	ND	ND	88
ERS-131	.3	2.67	6	ND	31	ND	.04	.1	3	27	12	3.41	.07	.31	124	ND	.04	9	.11	5	ND	ND	ND	5	6	ND	ND	24
85-ERS-132	.1	4.52	ND	ND	71	1	.02	.2	9	40	28	3.64	.09	.58	362	ND	.05	18	.09	6	ND	ND	ND	1	6	ND	ND	58
85-ERS-133	.2	2.40	7	ND	32	1	.03	.1	2	28	11	3.15	.07	.30	213	ND	.05	7	.07	6	ND	ND	ND	2	5	ND	ND	23
85-ERS-134	.1	4.86	ND	ND	62	3	.03	.4	6	47	51	4.75	.12	.78	351	ND	.05	19	.22	12	ND	ND	ND	3	8	ND	ND	69
85-ERS-135	.6	6.50	ND	ND	82	8	.07	.6	15	47	42	4.08	.13	1.20	621	ND	.07	32	.16	10	ND	ND	ND	9	12	ND	ND	90
85-ERS-136	.3	3.10	5	ND	44	1	.03	.3	4	31	22	3.12	.08	.49	265	ND	.06	11	.08	10	ND	ND	ND	5	12	ND	ND	39
85-ERS-137	.3	1.52	6	ND	77	ND	.05	.1	1	15	16	1.57	.08	.14	119	ND	.07	5	.03	7	ND	ND	2	5	13	ND	ND	15
85-ERS-138	.2	4.60	2	ND	57	3	.05	.4	9	45	43	3.28	.13	.85	501	ND	.08	36	.07	17	ND	ND	ND	4	9	ND	1	78
85-ERS-139	.3	1.39	7	ND	33	1	.04	.1	1	18	11	1.76	.06	.19	171	ND	.04	6	.05	4	ND	ND	1	3	7	ND	ND	19
85-ERS-140	.5	6.10	ND	ND	47	3	.04	.1	14	53	37	4.23	.14	.78	719	ND	.11	26	.12	13	ND	ND	ND	3	8	ND	ND	72
85-ERS-141	.1	2.96	4	ND	50	1	.03	.3	2	34	12	3.14	.09	.41	205	ND	.07	9	.04	7	ND	ND	ND	2	7	ND	ND	33
85-ERS-142	.1	3.33	9	ND	46	ND	.03	.3	3	43	21	3.80	.12	.63	269	ND	.08	15	.07	8	ND	ND	ND	2	8	ND	ND	49
85-ERS-143	.1	5.32	5	ND	46	4	.03	.6	12	54	53	3.95	.14	1.01	531	ND	.09	37	.12	17	ND	ND	1	1	5	ND	ND	98
85-ERS-144	.3	2.94	11	ND	40	1	.04	.4	8	34	28	2.82	.12	.69	372	ND	.10	20	.05	9	ND	ND	1	3	7	ND	1	60
85-ERS-145	.4	1.99	4	ND	33	ND	.03	.1	1	17	7	1.93	.08	.19	98	ND	.05	4	.03	19	ND	ND	2	3	6	ND	1	17
85-ERS-146	.6	1.13	7	ND	17	ND	.01	.1	ND	11	5	1.70	.08	.11	72	ND	.04	2	.02	23	ND	ND	2	2	3	ND	ND	10
85-ERS-147	.8	2.60	12	ND	29	ND	.02	.2	2	21	10	3.18	.10	.22	79	ND	.06	4	.04	12	ND	ND	2	4	4	ND	ND	20
85-ERS-148	.6	3.95	1	ND	38	6	.06	.5	7	35	22	2.99	.12	.90	234	ND	.07	19	.04	12	ND	ND	ND	7	8	ND	2	47
85-ERS-149	.4	2.76	10	ND	33	ND	.02	.1	2	19	16	2.21	.09	.39	145	ND	.06	8	.04	18	ND	ND	1	3	7	ND	ND	31
85-ERS-150	.4	5.00	ND	ND	38	2	.02	.3	4	40	22	4.40	.14	.48	203	ND	.08	12	.09	16	ND	ND	ND	1	7	ND	ND	45
ERS-151	.6	3.07	4	ND	27	1	.03	.3	4	33	15	3.10	.12	.46	205	ND	.07	11	.05	10	ND	ND	3	4	6	ND	ND	36
85-ERS-152	.6	4.18	8	ND	27	1	.03	.5	4	47	21	4.07	.14	.44	201	ND	.07	13	.09	13	ND	ND	1	4	5	ND	ND	44
85-ERS-153	.4	3.73	20	ND	41	2	.04	.4	6	47	22	3.95	.13	.55	298	1	.08	21	.06	15	ND	ND	2	3	6	ND	1	59
85-ERS-154	.4	5.86	7	ND	31	2	.04	.4	6	62	37	6.01	.20	.59	375	1	.10	19	.10	21	ND	ND	1	1	5	ND	ND	61
85-ESL-1	.6	2.79	8	ND	172	6	.19	.6	15	63	31	3.23	.26	1.29	499	ND	.10	38	.05	10	ND	ND	2	6	23	ND	2	82
85-ESL-2	.8	3.42	20	ND	212	6	.28	.5	25	57	42	3.32	.27	1.09	627	ND	.13	40	.08	9	ND	ND	ND	9	25	ND	1	80

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-ESL-4	.2	2.97	9	ND	172	4	.19	.2	16	65	34	3.32	.19	1.30	540	ND	.06	41	.05	7	ND	ND	ND	3	20	ND	ND	84
85-ESL-5	.2	2.60	6	ND	166	4	.17	.2	13	57	27	2.98	.18	1.19	457	ND	.06	35	.04	4	ND	ND	ND	4	16	ND	ND	76
85-ESL-6	.4	2.89	6	ND	230	5	.25	.3	15	66	31	3.15	.23	1.31	481	ND	.07	36	.05	4	ND	ND	ND	4	22	2	1	76
85-ESL-7	.2	2.49	4	ND	198	5	.14	.1	13	58	27	3.14	.23	1.25	488	ND	.07	30	.06	8	ND	ND	ND	3	10	ND	1	78
85-ESL-8	.3	2.85	11	ND	117	5	.15	.2	17	55	37	3.35	.19	1.26	546	ND	.08	38	.06	12	ND	ND	ND	4	13	2	ND	88
85-ESL-13	.1	3.13	5	ND	135	5	.16	.3	17	60	39	3.67	.19	1.41	624	ND	.07	44	.06	8	ND	ND	ND	1	14	ND	ND	98
85-ESL-14	.1	3.25	10	ND	151	5	.15	.4	18	62	43	3.77	.21	1.44	679	ND	.07	45	.06	12	ND	ND	ND	3	15	1	ND	104
85-ESL-15	.1	2.56	9	ND	128	4	.14	.3	12	54	26	3.03	.16	1.19	492	ND	.05	34	.06	7	ND	ND	ND	2	15	ND	2	84
85-ESL-16	.1	3.30	5	ND	111	5	.12	.3	16	64	42	3.72	.17	1.37	685	ND	.06	49	.04	11	ND	ND	ND	2	13	ND	ND	106
85-ESL-17	.1	2.82	5	ND	106	5	.08	.2	13	52	30	3.14	.13	1.15	465	ND	.04	34	.04	12	ND	ND	ND	2	11	ND	ND	85
85-ESL-18	.1	2.63	19	ND	37	4	.23	.2	18	35	47	3.53	.11	1.13	833	ND	.09	51	.07	10	ND	ND	ND	ND	28	1	1	96
85-ESL-21	.1	2.52	20	ND	37	3	.22	.4	18	34	47	3.46	.11	1.08	922	ND	.08	51	.07	9	ND	ND	131	1	27	1	ND	94
85-ESL-22	.1	2.48	16	ND	31	2	.15	.5	13	33	34	3.30	.09	1.14	693	ND	.06	43	.05	7	ND	ND	2	ND	22	2	ND	93
85-ESL-23	.1	2.61	15	ND	39	4	.20	.3	16	33	39	3.30	.09	.99	783	ND	.08	45	.06	10	ND	ND	ND	ND	28	ND	ND	87
85-ESL-31	.1	3.07	13	ND	48	5	.21	.2	14	40	28	3.87	.12	1.11	643	ND	.13	38	.05	10	ND	ND	ND	1	20	2	ND	92
85-ESL-32	.1	2.35	6	ND	103	4	.18	.1	13	44	26	3.18	.14	1.20	507	ND	.05	33	.05	5	ND	ND	ND	4	13	ND	1	80
85-ESL-33	.3	2.81	10	ND	142	6	.16	.4	18	54	50	3.32	.22	1.21	581	ND	.08	45	.07	9	ND	ND	ND	4	17	3	ND	91
85-ESL-34	.1	3.04	5	ND	135	4	.16	.3	15	62	39	3.52	.18	1.37	565	ND	.07	43	.05	7	ND	ND	ND	2	17	ND	ND	95
85-ESL-35	.1	3.20	5	ND	154	4	.17	.6	19	66	62	3.82	.24	1.44	567	ND	.08	53	.07	10	ND	ND	ND	4	19	1	2	106
85-ESL-36	.1	3.86	3	ND	172	6	.14	.6	20	69	48	3.88	.19	1.48	699	ND	.08	54	.06	11	ND	ND	ND	3	14	ND	ND	112
85-ESL-37	.1	2.82	6	ND	111	4	.17	.2	14	71	32	3.56	.17	1.44	611	ND	.06	53	.06	3	ND	ND	1	2	10	ND	ND	103
85-ESL-38	.1	3.09	7	ND	128	7	.18	.5	17	72	43	3.73	.19	1.48	674	ND	.07	53	.07	7	ND	ND	ND	3	13	ND	1	109
85-ESL-39	.1	2.51	5	ND	38	5	.02	.1	8	48	18	3.30	.08	1.05	375	ND	.04	26	.03	7	ND	ND	1	2	3	ND	ND	69
85-ESL-40	.3	3.56	5	ND	129	5	.18	.6	20	72	42	3.97	.18	1.49	766	ND	.07	51	.06	9	ND	ND	ND	4	13	ND	ND	110
85-ESL-41	.2	3.42	8	ND	195	6	.20	.1	18	60	39	3.73	.22	1.40	697	ND	.08	42	.05	7	ND	ND	ND	2	18	ND	ND	99
85-ESL-43	.2	2.44	25	ND	173	5	.16	.4	13	55	24	3.00	.21	1.18	455	ND	.07	28	.05	4	ND	ND	1	2	9	ND	ND	63
85-ESL-44	.1	3.04	5	ND	147	5	.27	.3	16	41	30	3.29	.15	1.09	733	ND	.07	26	.05	8	ND	ND	ND	3	22	ND	2	77
85-ESL-45	.2	2.60	2	ND	121	4	.24	.1	13	36	24	2.75	.11	.88	628	ND	.06	22	.04	7	ND	ND	ND	3	23	ND	ND	71
85-ESL-46	.1	2.65	2	ND	189	6	.14	.1	13	57	26	3.07	.19	1.23	456	ND	.06	28	.05	5	ND	ND	ND	3	9	ND	1	66
85-ESL-59	.1	3.16	5	ND	160	5	.15	.3	13	49	28	3.17	.18	1.17	427	ND	.06	31	.05	6	ND	ND	ND	4	20	ND	ND	79
85-ESL-61	.1	3.09	ND	ND	152	4	.17	.3	13	46	29	3.18	.16	1.20	531	ND	.06	34	.05	5	ND	ND	ND	2	20	ND	ND	91
85-ESL-62	.2	3.58	3	ND	56	4	.14	.3	12	48	31	3.39	.12	1.06	620	ND	.06	27	.05	11	ND	ND	ND	2	13	2	ND	79
85-ESL-63	.1	2.67	19	ND	43	4	.08	.4	25	31	20	3.57	.10	1.04	1283	ND	.08	26	.04	11	ND	ND	1	ND	9	1	ND	91
85-ESL-64	.1	2.77	6	ND	59	3	.11	.3	12	34	29	2.89	.11	.84	428	ND	.07	26	.06	7	ND	ND	ND	1	11	1	ND	65
85-ESL-65	.1	3.21	8	ND	65	6	.17	.3	15	42	35	3.62	.12	1.05	718	ND	.07	32	.06	13	ND	ND	2	1	13	3	ND	79
85-ESL-67	.2	3.04	13	ND	79	5	.09	.2	11	50	30	3.21	.11	.94	421	ND	.05	30	.04	9	ND	ND	ND	2	7	ND	ND	66
85-ESP-9	1.2	1.96	12	ND	97	8	.19	.4	14	80	33	3.37	.18	.88	661	ND	.16	32	.04	10	ND	ND	3	11	15	5	3	66
85-ESS-72	.1	2.54	5	ND	19	2	.01	.1	1	24	9	3.22	.06	.25	103	ND	.04	4	.07	7	ND	ND	ND	ND	3	ND	ND	18
85-ESS-73	.1	2.46	4	ND	24	2	.01	.1	1	20	9	2.69	.07	.27	128	ND	.06	7	.05	10	ND	ND	1	ND	4	3	ND	23

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-ESS-74	.1	2.79	7	ND	162	4	.19	.4	14	60	32	3.12	.17	1.24	507	ND	.06	39	.05	5	ND	ND	ND	2	18	ND	ND	79
85-ESS-75	.2	2.40	9	ND	155	5	.17	.2	13	53	26	2.77	.17	1.11	424	ND	.05	33	.04	3	ND	ND	ND	1	14	ND	1	70
85-ESS-76	.3	2.72	7	ND	217	3	.24	.4	13	62	28	2.97	.22	1.25	452	ND	.07	32	.05	4	ND	ND	ND	3	20	ND	ND	71
85-ESS-77	.2	2.34	6	ND	186	3	.14	.6	13	54	26	2.95	.22	1.19	458	ND	.07	26	.05	6	ND	ND	ND	1	9	ND	1	72
85-ESS-78	.2	2.69	14	ND	111	5	.15	.4	15	52	35	3.18	.17	1.20	518	ND	.08	38	.05	11	ND	ND	ND	1	12	ND	2	83
85-ESS-79	.1	2.91	7	ND	127	4	.15	.5	15	56	36	3.44	.19	1.33	585	ND	.07	41	.05	8	ND	ND	ND	1	13	ND	3	92
85-ESS-80	.2	3.05	10	ND	142	4	.14	.4	17	57	40	3.57	.22	1.37	640	ND	.08	43	.05	12	ND	ND	ND	1	13	2	1	97
85-ESS-81	.1	2.42	11	ND	119	3	.13	.4	12	51	25	2.88	.17	1.14	465	ND	.06	33	.05	7	ND	ND	ND	1	13	ND	ND	79
85-ESS-82	.1	3.08	6	ND	104	5	.11	.4	14	59	40	3.48	.17	1.29	640	ND	.06	45	.04	11	ND	ND	ND	2	13	ND	ND	100
85-ESS-83	.1	2.61	9	ND	97	4	.07	.6	12	48	28	2.94	.15	1.08	434	ND	.05	34	.04	13	ND	ND	ND	ND	10	1	ND	79
85-ESS-84	.1	2.46	17	ND	33	1	.21	.4	16	32	43	3.32	.11	1.07	782	ND	.09	46	.07	9	ND	ND	ND	ND	27	ND	ND	90
85-ESS-85	.1	2.33	17	ND	33	ND	.20	.6	16	31	43	3.19	.11	1.00	851	ND	.08	50	.06	9	ND	ND	116	ND	26	1	ND	87
85-ESS-86	.1	2.32	14	ND	28	2	.13	.6	13	30	31	3.08	.09	1.07	647	ND	.06	41	.05	7	ND	ND	ND	ND	20	1	1	87
85-ESS-87	.1	2.43	14	ND	36	3	.18	.5	14	30	36	3.08	.11	.93	728	ND	.08	42	.06	10	ND	ND	ND	ND	26	ND	ND	80
85-ESS-88	.1	2.86	13	ND	43	3	.18	.5	13	37	26	3.60	.12	1.04	597	ND	.12	35	.04	8	ND	ND	ND	ND	17	ND	1	85
85-ESS-89	.1	2.10	6	ND	93	3	.15	.3	13	39	24	2.86	.14	1.10	458	ND	.05	27	.05	7	ND	ND	ND	ND	13	ND	2	72
85-ESS-90	.2	2.64	13	ND	132	3	.14	.4	16	51	46	3.13	.22	1.15	546	ND	.08	43	.06	9	ND	ND	ND	2	15	1	ND	86
85-ESS-91	.1	2.77	6	ND	125	5	.13	.6	13	56	36	3.23	.18	1.27	519	ND	.07	40	.05	8	ND	ND	ND	1	15	ND	ND	87
85-ESS-92	.1	2.99	8	ND	144	3	.14	.3	17	61	57	3.58	.24	1.36	531	ND	.08	52	.06	10	ND	ND	ND	1	17	2	3	99
85-ESS-93	.1	3.65	7	ND	161	3	.12	.8	18	65	44	3.67	.19	1.41	660	ND	.08	51	.05	9	ND	ND	ND	1	13	ND	ND	106
85-ESS-94	.1	2.65	6	ND	104	4	.14	.5	13	66	30	3.33	.17	1.36	571	ND	.06	52	.06	3	ND	ND	ND	1	9	ND	ND	96
85-ESS-95	.1	2.89	12	ND	119	3	.15	.5	15	66	41	3.48	.18	1.39	626	ND	.06	50	.06	5	ND	ND	ND	2	12	ND	ND	101
85-ESS-96	.1	2.37	5	ND	35	2	.01	.6	7	44	16	3.09	.07	.99	350	ND	.03	24	.03	3	ND	ND	ND	ND	2	ND	ND	64
85-ESS-97	.2	3.34	5	ND	120	5	.14	.6	18	66	39	3.70	.17	1.40	715	ND	.07	48	.05	6	ND	ND	ND	1	13	ND	ND	102
85-ESS-98	.1	3.21	10	ND	183	5	.16	.5	16	56	37	3.51	.20	1.32	654	ND	.07	39	.05	4	ND	ND	ND	3	16	ND	2	93
85-ESS-99	.2	2.25	25	ND	160	3	.12	.4	12	51	22	2.77	.19	1.10	422	ND	.07	26	.05	5	ND	ND	ND	1	8	ND	3	58
85-ESS-100	.1	2.83	5	ND	137	3	.23	.4	15	39	28	3.09	.16	1.03	686	ND	.08	26	.05	6	ND	ND	ND	2	20	ND	1	72
85-ESS-101	.3	2.40	6	ND	112	3	.20	.3	13	33	22	2.57	.13	.82	585	ND	.07	20	.04	9	ND	ND	ND	2	21	ND	2	66
85-ESS-102	.3	2.43	7	ND	173	5	.10	.3	13	53	24	2.85	.21	1.14	422	ND	.07	28	.04	6	ND	ND	ND	3	8	ND	1	61
85-ESS-103	.1	2.96	5	ND	149	4	.10	.5	12	45	26	2.98	.18	1.10	400	ND	.06	29	.04	3	ND	ND	ND	1	18	ND	2	75
85-ESS-104	.1	2.84	ND	ND	141	6	.13	.4	13	42	27	2.95	.17	1.12	493	ND	.06	31	.05	3	ND	ND	ND	2	18	ND	1	85
85-ESS-105	.1	3.36	3	ND	53	3	.10	.2	11	43	28	3.18	.11	1.00	580	ND	.06	26	.05	7	ND	ND	ND	ND	12	ND	ND	72
85-ESS-106	.1	2.50	20	ND	40	3	.04	.4	23	28	18	3.33	.10	.98	1194	ND	.08	24	.04	6	ND	ND	ND	ND	8	ND	ND	84
85-ESS-107	.1	2.61	5	ND	56	2	.07	.1	11	30	27	2.71	.09	.79	402	ND	.07	26	.06	3	ND	ND	ND	ND	10	ND	ND	60
85-ESS-108	.1	3.00	9	ND	59	2	.12	.5	13	39	33	3.39	.12	.99	670	ND	.07	31	.06	10	ND	ND	ND	ND	13	ND	ND	72
85-ESS-109	.1	2.84	13	ND	72	4	.04	.2	10	46	28	3.00	.11	.88	393	ND	.05	28	.04	7	ND	ND	ND	ND	6	ND	1	62
85-ESS-110	1.1	1.82	16	ND	89	8	.13	.5	13	74	30	3.14	.18	.82	613	ND	.16	32	.04	9	ND	ND	ND	8	13	3	3	60
85-ESS-111	.1	2.37	9	ND	17	ND	.01	.1	ND	21	8	3.01	.06	.23	95	ND	.04	4	.06	5	ND	ND	ND	ND	2	ND	ND	16
85-ESS-112	.1	2.29	4	ND	22	ND	.01	.2	ND	17	8	2.50	.07	.25	119	ND	.06	5	.05	8	ND	ND	ND	ND	3	ND	ND	21

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-ESS-113	.1	2.11	ND	ND	16	ND	.03	.3	2	26	4	2.52	.05	.62	212	ND	.02	10	.03	3	ND	ND	ND	1	5	ND	ND	43
85-ESS-114	.1	3.10	ND	ND	19	ND	.02	.1	3	40	11	4.28	.09	.47	184	ND	.02	10	.07	9	ND	ND	ND	2	5	ND	ND	37
85-ESS-115	.1	2.40	ND	ND	30	ND	.03	.1	2	30	8	2.94	.07	.38	194	ND	.03	10	.03	7	ND	ND	ND	3	6	ND	ND	33
85-ESS-116	.1	4.13	ND	ND	37	1	.03	.1	5	46	25	3.52	.09	.87	324	ND	.04	20	.05	7	ND	ND	ND	2	7	ND	ND	68
85-ESS-117	.1	5.82	ND	ND	34	3	.04	.3	7	66	36	5.50	.12	1.06	347	ND	.03	27	.08	6	ND	ND	ND	2	8	ND	ND	80
85-ESS-118	.1	1.58	ND	ND	19	1	.06	.3	4	29	4	1.99	.06	.75	275	ND	.03	11	.03	4	ND	ND	ND	3	8	ND	4	51
85-ESS-119	.1	1.19	5	ND	18	ND	.04	.1	2	18	4	1.33	.04	.43	198	ND	.02	7	.02	3	ND	ND	ND	3	5	ND	ND	35
85-ESS-120	.1	3.33	6	ND	32	ND	.02	.1	2	40	13	4.20	.08	.37	150	ND	.03	10	.06	8	ND	ND	ND	2	7	ND	ND	30
85-ESS-121	.1	3.23	2	ND	32	ND	.02	.1	2	39	13	5.13	.10	.40	159	ND	.05	9	.09	13	ND	ND	ND	2	5	ND	ND	37
85-ESS-122	.1	3.19	2	ND	33	ND	.03	.1	4	40	25	3.31	.08	.51	239	ND	.03	16	.08	12	ND	ND	ND	3	6	ND	ND	45
85-ESS-123	.1	5.09	ND	ND	50	ND	.02	.1	7	55	31	4.62	.11	.75	366	ND	.05	22	.10	9	ND	ND	ND	1	5	ND	ND	68
85-ESS-124	.1	2.80	ND	ND	30	ND	.02	.2	3	32	16	3.19	.06	.49	187	ND	.02	13	.05	5	ND	ND	ND	3	6	ND	ND	41
[illegible]S-125	.1	3.55	ND	ND	28	ND	.02	.4	2	42	18	4.47	.08	.50	199	ND	.02	13	.11	8	ND	ND	ND	2	5	ND	ND	43
[illegible]SS-126	.1	3.22	11	ND	47	ND	.06	.4	50	40	36	3.28	.14	.65	799	ND	.17	57	.09	14	ND	ND	ND	3	10	ND	ND	59
85-ESS-127	.1	3.21	ND	ND	65	ND	.05	.1	10	42	35	3.92	.12	.67	421	ND	.07	21	.08	8	ND	ND	ND	2	12	ND	ND	64
85-ESS-128	.1	3.42	ND	ND	58	ND	.06	.4	13	32	31	3.27	.12	.67	508	ND	.09	26	.07	9	ND	ND	ND	3	10	ND	ND	60
85-ESS-129	1.7	3.25	ND	ND	51	ND	.18	.3	11	39	27	3.61	.13	.67	409	ND	.07	30	.14	6	ND	ND	ND	2	29	ND	ND	79
85-ESS-130	.1	3.06	4	ND	53	ND	.06	.1	10	28	18	3.32	.11	.47	463	ND	.05	15	.06	8	ND	ND	ND	3	19	ND	1	45
85-ESS-131	.1	.66	5	ND	37	ND	.14	.1	2	9	11	.85	.05	.17	69	ND	.02	8	.05	7	ND	ND	1	2	26	ND	ND	24
85-ESS-132	.4	2.63	4	ND	52	ND	.08	.2	6	24	16	2.54	.10	.34	389	ND	.04	13	.09	9	ND	ND	ND	5	12	ND	ND	38
85-ESS-133	.3	3.57	3	ND	39	1	.08	.2	7	39	29	3.60	.11	.56	433	ND	.05	28	.09	10	ND	ND	ND	2	13	ND	ND	56
85-ESS-134	.1	3.10	12	ND	60	ND	.13	.4	11	34	25	3.45	.12	.55	768	ND	.05	22	.12	11	ND	ND	ND	2	17	ND	ND	56
85-ERT-78	.1	.39	6	ND	51	ND	.06	.1	ND	44	4	.28	.09	.02	126	ND	.07	165	.01	13	ND	ND	ND	ND	9	ND	1	6
85-EST-3	.5	1.31	4	ND	49	ND	.26	.2	5	134	28	1.60	.14	.47	251	ND	.16	19	.03	8	ND	ND	2	3	38	3	4	34
85-EST-10	.3	.64	265	ND	61	ND	.08	.4	2	23	18	.96	.13	.17	108	ND	.14	11	.02	8	ND	ND	2	1	12	1	ND	29
85-EST-12	.2	1.49	26	ND	47	1	.08	.3	7	155	25	2.37	.13	.85	307	ND	.06	389	.04	7	ND	ND	2	3	24	ND	3	59
85-EST-19	.4	.83	9	ND	24	ND	2.12	.3	5	82	22	1.41	.22	.49	497	ND	.05	24	.03	11	ND	ND	2	1	134	12	1	33
85-EST-20	.2	2.08	ND	ND	68	ND	.21	.4	8	56	30	3.33	.22	.87	365	ND	.16	33	.06	13	ND	ND	3	2	44	5	ND	70
85-EST-24	.4	.80	9	ND	55	ND	.10	.2	3	71	12	1.34	.20	.16	198	ND	.20	261	.02	7	ND	ND	2	2	9	1	ND	43
85-EST-25	.6	1.31	3	ND	272	4	.15	.4	9	52	11	1.73	.29	.73	270	ND	.11	16	.04	8	ND	ND	2	8	11	4	4	39
85-EST-26	.8	1.29	5	ND	168	6	.31	.4	12	93	23	2.12	.25	.85	239	ND	.14	212	.05	7	ND	ND	2	7	18	3	5	49
[illegible]EST-27	.3	1.00	2	ND	40	1	.11	.3	8	73	22	1.48	.13	.54	298	ND	.09	24	.03	8	ND	ND	2	3	7	2	2	40
[illegible]IST-28	.3	.97	4	ND	54	1	.07	.3	7	162	20	1.52	.13	.52	246	1	.07	416	.03	9	ND	ND	3	2	5	ND	5	36
[illegible]EST-29	.4	1.24	2	ND	109	1	.16	.4	10	94	28	1.69	.18	.63	1348	ND	.11	29	.04	8	ND	ND	3	4	15	1	1	43
85-EST-30	.2	1.28	13	ND	22	1	.02	.1	8	253	13	1.75	.10	1.07	246	1	.02	781	.01	7	ND	ND	3	3	1	ND	7	32
85-EST-42	.4	.57	4	ND	36	ND	.28	.2	3	114	8	1.03	.13	.35	175	ND	.08	15	.01	7	ND	ND	2	1	11	3	2	18
85-EST-47	.5	1.89	ND	ND	7	1	1.43	.8	152	843	1512	5.50	.24	5.76	335	ND	.01	1307	.01	11	ND	ND	2	4	1	5	ND	23
85-EST-60	.5	1.06	6	ND	48	3	.10	.5	14	87	43	2.10	.18	.65	298	ND	.10	44	.04	11	ND	ND	4	3	8	4	7	53
85-EST-11	.1	1.20	5	ND	52	1	.10	.1	5	134	13	1.82	.13	.58	167	ND	.09	357	.03	8	ND	ND	2	ND	9	ND	2	48

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
85-EST-66	.1	2.76	32	ND	41	ND	.12	.3	15	106	196	5.84	.14	1.25	378	1	.08	239	.11	34	ND	ND	1	20	10	ND	ND	117
85-EST-68	.3	1.52	3	ND	71	3	.10	.1	30	82	37	2.76	.13	.63	337	ND	.14	40	.05	16	ND	ND	ND	2	9	ND	ND	61
85-EST-69	.1	1.16	11	ND	66	1	.09	.1	7	106	32	2.22	.12	.53	198	ND	.07	301	.03	5	ND	ND	2	1	13	ND	1	53
85-EST-70	.1	2.48	1	ND	90	5	.17	.3	11	66	49	3.34	.17	1.27	372	ND	.10	32	.09	8	ND	ND	ND	7	15	ND	1	85
85-EST-71	.2	1.14	10	ND	65	2	.11	.2	7	158	27	1.62	.10	.60	254	1	.09	453	.04	3	ND	ND	1	3	10	ND	3	41

EXPEDITOR

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE
NOTES: nd = none detected
: -- = not analysed
: is = insufficient samole

REPORT NUMBER: 84-45-001 JOB NUMBER: 84037

SAMPLE #	Ag ppm	Au ppb	As ppm
84 SSP 5 (Pan conc)	.2	470	4
84 SSP 7 (Pan conc)	nd	10	4
84 SSP 9 (Pan conc)	.3	10	4
84 SSP 19 (Pan conc)	.2	20	10
84 SSP 25 (Pan conc)	nd	10	30
84 SSP 27 (Pan conc)	.2	20	4
84 SSP 28 (Pan conc)	.2	20	2
84 SSP 30 (Pan conc)	nd	30	10
84 SSP 32 (Pan conc)	.3	20	10
84 SSP 34 (Pan conc)	.2	20	2
84 SSP 36 (Pan conc)	.2	nd	20
84 SSP 39 (Pan conc)	.4	360	10
84 SSP 51 (Pan conc)	.2	nd	10

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-002 JOB NUMBER: 84036

SAMPLE #	Cu ppm	Ag ppm	Au ppb	As ppm
84 SST 45 (Rock)	1140	nd	5	2
84 SST 46 (Rock)	129	.2	nd	4
84 SST 50 (Rock)	1510	.2	nd	2
84 SST 16 (Rock)	35	nd	5	10
84 SST 23 (Rock)	34	.1	nd	10
84 SST 24 (Rock)	25	nd	nd	20
84 SST 43 (Rock)	5	nd	nd	4
84 SST 44 (Rock)	34	.2	nd	4
84 SST 47 (Rock)	89	nd	nd	15
84 SST 48 (Rock)	24	.2	10	60 ✓
84 SST 49 (Rock)	16	nd	nd	4
84 SST 2 (Rock)	--	.1	nd	2
84 SST 3 (Rock)	--	nd	nd	2
84 SST 12 (Rock)	--	nd	5	4
84 SST 13 (Rock)	--	nd	nd	15
84 SST 14 (Rock)	--	.1	5	10
84 SST 18 (Rock)	--	.3	5	10
84 SST 21 (Rock)	--	nd	nd	2
84 SST 22 (Rock)	--	.3	nd	10
84 SST 29 (Rock)	--	.2	5	4
84 SST 38 (Rock)	--	.2	nd	2
84 SSL 6 (Silt)	--	nd	nd	4
84 SSL 8 (Silt)	--	.2	5	4
84 SSL 10 (Silt)	--	.1	10	10
84 SSL 11 (Silt)	--	nd	nd	10
84 SSL 15 (Silt)	--	nd	nd	2
84 SSL 17 (Silt)	--	nd	5	4
84 SSL 20 (Silt)	--	nd	nd	10
84 SSL 31 (Silt)	--	nd	nd	15
84 SSL 33 (Silt)	--	nd	10	20
84 SSL 35 (Silt)	--	.1	5	10
84 SSL 37 (Silt)	--	.2	10	20
84 SSL 40 (Silt)	--	nd	5	20
84 SSL 52 (Silt)	--	.2	10	15
DETECTION LIMIT	1	0.1	5	2

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

EXPEDITOR

REPORT NUMBER: 84-45-006 JOB NUMBER: 84113

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Au ppb	As ppm
SSL 118	19	11	46	35	25	.1	5	4
SSL 142	25	11	55	40	25	.3	5	10
SSL 143	32	10	64	45	25	.3	nd	10
SSL 144	28	13	61	45	25	.3	5	4
SSL 145	29	14	66	50	25	nd	5	2
SSL 146	26	12	59	40	25	.2	5	10
SSL 147	30	14	69	50	25	nd	10	10
SSL 148	24	11	56	45	25	nd	5	4
SSL 149	22	11	55	45	25	.3	10	10
SSL 150	29	13	56	45	25	.3	10	2
SSL 151	26	10	44	40	25	.3	5	2
SSL 152	25	12	52	45	25	.2	nd	15
SSL 153	74	15	80	75	40	.3	nd	15
VJS 01	21	15	42	35	20	.1	5	2
VJS 02	15	14	29	30	20	.2	5	4
VJS 03	8	8	13	15	10	.1	5	4
VJS 04	19	16	38	25	20	.2	5	30
VJS 05	15	10	24	20	15	.2	5	15
VJS 06	76	17	51	65	30	.6	nd	4
VJS 07	30	18	55	40	25	.2	5	15
VJS 08	47	19	117	80	55	.7	5	2
VJS 09	11	12	20	25	15	.1	5	2
VJS 10	5	7	8	15	5	.1	5	2
VJS 11	30	15	51	50	25	.3	nd	4
VJS 12	36	18	60	60	25	.5	nd	10
VJS 13	33	17	56	50	25	.4	nd	4
VJS 14	31	15	44	50	25	.4	5	4
VSL 119	38	11	46	50	25	.1	nd	2
VSL 122	30	10	39	40	20	.1	5	4
VSL 123	29	10	42	50	20	.2	nd	2
VSL 125	30	11	55	50	25	nd	5	10
VSL 126	17	10	45	45	35	.1	nd	10
VSL 128	25	10	44	50	20	.3	10	10
VSL 129	39	14	70	60	30	.1	5	10
VSL 131	25	13	56	50	25	.1	5	15
VSL 133	24	10	50	50	25	nd	5	4
VSL 134	15	11	41	35	25	nd	nd	2
VSL 135	19	9	33	35	20	nd	nd	10
DETECTION LIMIT	1	2	1	1	1	0.1	5	2

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

EXPEDITOR

REPORT NUMBER: 84-45-006 JOB NUMBER: 84113

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Au ppb	As ppm
VSL 136	23	13	55	40	25	.2	5	2
[redacted]								
VSL 141	24	11	45	35	20	nd	nd	4
VST 120 (Rock)	115	9	14	55	25	.1	550 ✓	200
DETECTION LIMIT	1	2	1	1	1	0.1	5	2

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE EXPEDITOR

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-031 JOB NUMBER: 84484

SAMPLE #	Au ppb
BSP 164	20
BSP 166	20
BSP 168	50
BSP 170	360
BSP 172	5
VSP 121	20
VSP 124	25
VSP 127	130
VSP 130	10
VSP 132	15
DETECTION LIMIT	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE

EXPEDITOR

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-006 JOB NUMBER: 84113

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Au ppb	As ppm
BJL 20	36	13	49	50	30	.2	10	10
BJL 21	34	12	53	50	30	.2	nd	10
BJL 22	31	14	54	45	30	nd	5	10
BJL 23	24	14	60	40	30	nd	5	4
BJL 24	34	13	75	60	35	.5	5	10
BJL 25	20	11	51	40	25	.2	nd	4
BSL 155	35	11	60	55	35	nd	nd	15
BSL 156	19	10	49	40	25	.2	10	2
BSL 157	22	11	49	35	25	.3	10	2
BSL 158	20	10	51	40	25	.1	nd	4
BSL 159	18	9	49	45	25	.2	5	2
BSL 160	27	11	55	45	30	.4	nd	4
BSL 161	36	15	60	50	30	.2	nd	4
BSL 162	19	11	45	40	25	.1	nd	4
BSL 163	27	10	46	40	25	.2	5	4
BSL 165	26	11	57	50	25	.1	nd	4
BSL 167	25	14	62	45	25	.5	nd	10
BSL 169	22	13	49	40	25	nd	5	10
BSL 171	23	13	45	40	20	.1	5	4
SSL 98	20	10	44	40	25	.2	nd	10
SSL 99	16	9	36	35	20	.3	5	2
SSL 100	23	9	47	40	25	nd	5	4
SSL 101	24	10	47	40	25	nd	nd	2
SSL 102	25	10	49	40	25	nd	5	10
SSL 103	24	9	48	40	25	.2	nd	2
SSL 104	20	9	48	45	25	nd	5	4
SSL 105	20	8	44	40	20	.1	nd	2
SSL 106	19	9	45	40	25	.2	5	2
SSL 107	24	15	54	45	30	.4	nd	10
SSL 108	13	10	56	35	25	.1	10	15
SSL 109	16	7	44	35	20	.2	5	2
SSL 110	25	11	71	40	30	.3	5	2
SSL 111	30	10	49	40	30	nd	10	10
SSL 112	26	10	45	40	25	.1	nd	10
SSL 113	38	11	73	55	35	.1	10	10
SSL 114	14	8	48	30	20	nd	nd	4
SSL 115	27	10	56	50	25	.3	5	4
SSL 116	22	8	45	35	25	.2	5	10
SSL 117	15	8	39	30	25	nd	5	4
DETECTION LIMIT	1	2	1	1	1	0.1	5	2

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppb.
SAMPLE TYPE - SOLUTION

DATE RECEIVED MAR 1984 DATE REPORTS MAILED_____ ASSAYER_____ DEAN TOYE, CERTIFIED B.C. ASSAYER

HI-TEC PROJECT # SOLUTION FROM VANGEOCHEM JOB # 84-036 FILE # 84-0342 PAGE #

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
84SSI 45	23	1062	10	94	.9	118	22	4539	10.13	19	2	ND	2	14	1	4	2	99	.58	.27	11	79	.59	26	.02	3	1.78	.01	.01	2
84SSI 46	54	114	7	160	.2	127	26	2037	5.71	13	2	ND	2	14	1	2	2	64	.08	.23	3	146	1.16	22	.04	8	1.98	.02	.18	2
84SSI 50	95	814	16	291	.7	384	62	7284	14.43	27	9	ND	2	28	1	2	2	154	3.24	1.26	17	42	.48	21	.02	8	1.53	.01	.01	2

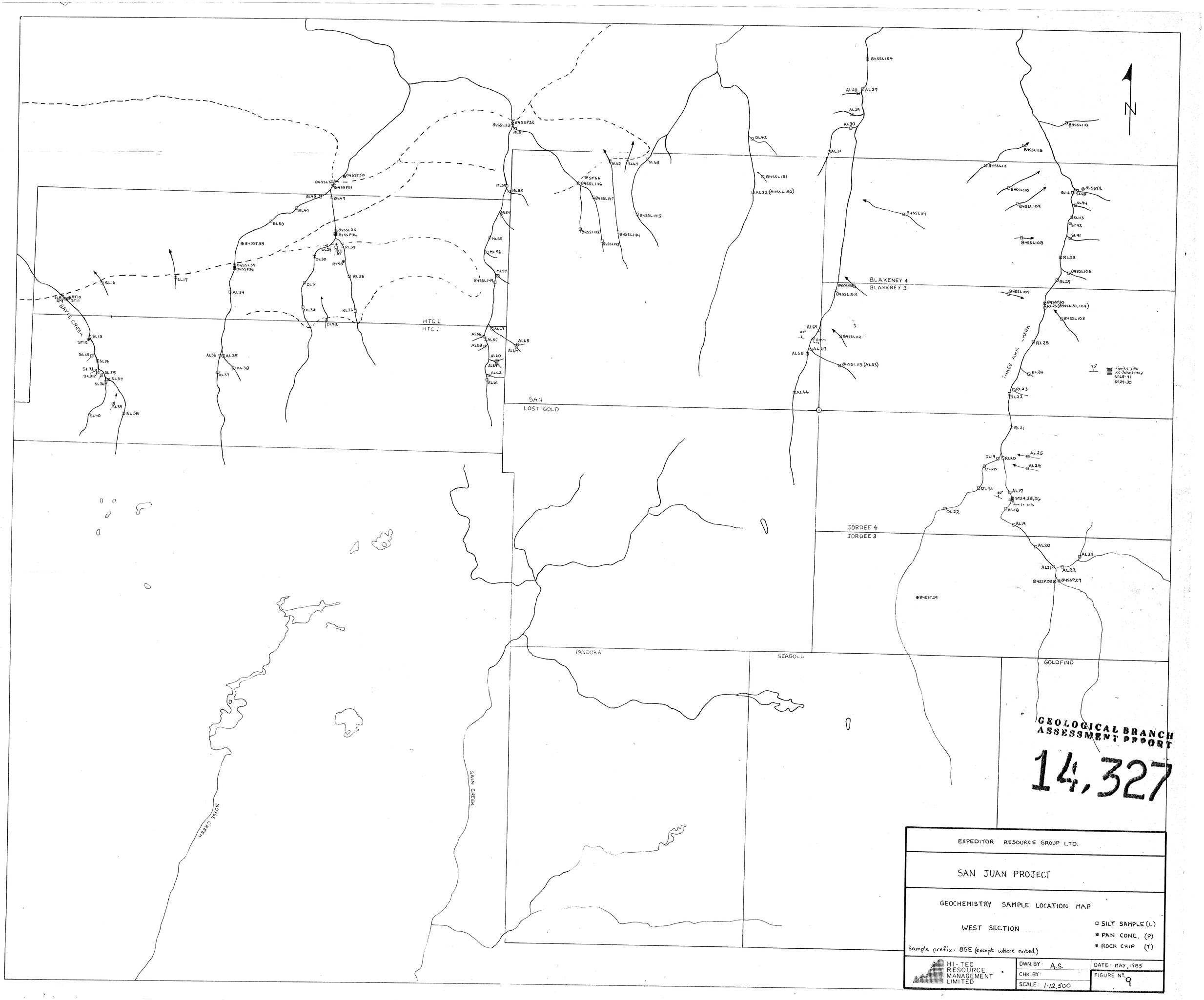
VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-45-038 JOB NUMBER: 84483

SAMPLE #	Au ppb
CHANNEL 1	40
CHANNEL 2	5
CHANNEL 3	10
CHANNEL 4	25
CHANNEL 5	20
CHANNEL 6	40
CHANNEL 7	25
CHANNEL 8	15
RK 50	5
RK 51	5
RK 52	15
RK 53	5
RK 54	20
DETECTION LIMIT	5



EXPEDITOR RESOURCE GROUP LTD.

SAN JUAN PROJECT

GEOCHEMISTRY SAMPLE LOCATION MAP

WEST SECTION

□ SILT SAMPLE (L)
⊠ PAN CONC. (P)
⊛ ROCK CHIP (T)

Sample prefix: 85E (except where noted)

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN. BY: A.S.	DATE: MAY, 1985
CHK. BY:	FIGURE No. 9
SCALE: 1:12,500	

PT RENFREW - SHAWNIGAN LK. ROAD

N

GARBAGE CREEK

BLAKENEY CREEK

BLAKENEY 4
BLAKENEY 3
BLAKENEY 1
BLAKENEY 2

JORDEE 4
JORDEE 3
JORDEE 1
JORDEE 2

GOLDFIND
ECOLOGY

ECOLOGICAL RESERVE

WEST NUGGET
NUGGET
EAST NUGGET

DENTER 4
DENTER 3
DENTER 1
DENTER 2

DENT CREEK

SEDARN CREEK

WILLIAMS CREEK

WYE LAKE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,327

EXPEDITOR RESOURCE GROUP LTD.

SAN JUAN PROJECT

GEOCHEMISTRY SAMPLE LOCATION MAP

CENTRAL SECTION

□ SILT SAMPLE (L)
⊠ PAN CONC. (P)
⊕ ROCK CHIP (T)

sample prefix: 85E (except where noted)

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN. BY: A.S.	DATE: MAY, 1985
CHK. BY:	FIGURE Nº. 10
SCALE: 1:12,500	

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,327

CANYON

DENTER 1
DENTER 2

VG 1
VG 3

VG 2

B4VSL136
B4VSL135
B4VSL141
B4EVT6
B4EVT5
B4EST15
B4EST11
B4EST10
B4EST9
CHANNEL 6
CHANNEL 5
CHANNEL #1-3
B4VST120.
B4EST7,8.
CHANNEL 4
CHANNEL #10
B4VSL119
AK50-54
B4VSL134
B4EVT4
B4EVT3
B4EVT2
B4VSP121
B4VSL122
B4VSL129
B4VSP130
B4VSL131
B4VSP124
B4VSL125
B4VSL126
B4VSL133
B4VSP132
B4VSL128
B4VSP127
JORDON RIVER
B4EST4
VAL
B4EST1
B4EST2
B4EST3
B4EST6
B4EST5

EXPEDITOR RESOURCE GROUP LTD.

SAN JUAN PROJECT

GEOCHEMISTRY SAMPLE LOCATION MAP

EAST SECTION

- SILT SAMPLE (L)
- PAN CONC. (P)
- ROCK CHIP (T)

HI-TEC RESOURCE MANAGEMENT LIMITED

DWN. BY: A.S.	DATE: MAY, 1985
CHK. BY:	FIGURE Nº. 11
SCALE: 1:12,500	