

ARIS SUMMARY SHEET

District Geologist, Victoria

Off Confidential: 89.02.29

ASSESSMENT REPORT 17110

MINING DIVISION: Alberni

PROPERTY: Singapore  
LOCATION: LAT 49 09 30 LONG 124 38 00  
UTM 10 5446122 380911  
NTS 092F02E

CLAIM(S): Singapore  
OPERATOR(S): Angus, S.  
AUTHOR(S): Angus, S.  
REPORT YEAR: 1988, 33 Pages

COMMODITIES

SEARCHED FOR: Gold

GEOLOGICAL

SUMMARY: All outcrops examined were fine to medium grain andesites. Narrow quartz-carbonate veining was common. Minor pyrite was scattered throughout the rocks, but economic minerals were not evident. The adjacent property contains gold mineralization in Sicker rocks.

WORK

DONE: Prospecting  
LINE 3.9 km  
PROS 500.0 ha  
SOIL 81 sample(s) ;ME

LOG NO: 0302	RD.
ACTION:	
FILE NO:	

GEOCHEMICAL

REPORT

ON

SINGAPORE GROUP

ALBERNI MINING DIVISION

49°09.5'N - 124°38'W

92F/2E

SUB-RECORDER RECEIVED	
FEB 29 1983	
M.R. # .....	\$ .....
VANCOUVER, B.C.	

BY

SCOTT E. ANGUS, PROSPECTOR

VANCOUVER, BRITISH COLUMBIA

JANUARY - 1988

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

17,110

TABLE OF CONTENTS

	PAGE
SUMMARY	1 /
INTRODUCTION	2 /
PROPERTY	4 /
LOCATION & ACCESS	4 /
PREVIOUS WORK	7 /
GENERAL GEOLOGY	9 /
LOCAL GEOLOGY & MINERALIZATION	9 /
MINERAL OCCURRENCES	10 /
GEOCHEMICAL SURVEY	11 /
CONCLUSIONS & RECOMMENDATIONS	13 /

ILLUSTRATIONS

CLAIM MAP	1:50,000	3 /
LOCATION MAP	1:2,500,000	5 /
LOCATION MAP	1:250,000	6 /
GEOLOGY, TOPOGRAPHY, GRID LOCATION	1:50,000	8 /
Au,As in soils	1:10,000	12 /

APPENDICES

APPENDIX 1	ASSAY PROCEDURES /
APPENDIX 2	ASSAY RESULTS /
APPENDIX 3	STATEMENT OF EXPENDITURE /
APPENDIX 4	STATEMENT OF QUALIFICATIONS /

REPORT ON  
SINGAPORE GROUP

SUMMARY

Preliminary geochemical work was carried out on the Singapore claim: located 17 km east of Port Alberni during December 1987.

81 soil samples were collected from a grided area on the north side of china Creek.

The samples were analysed for gold and a 28 element I.C.P. assay.

Only very slightly anomalous results were returned from this grided area.

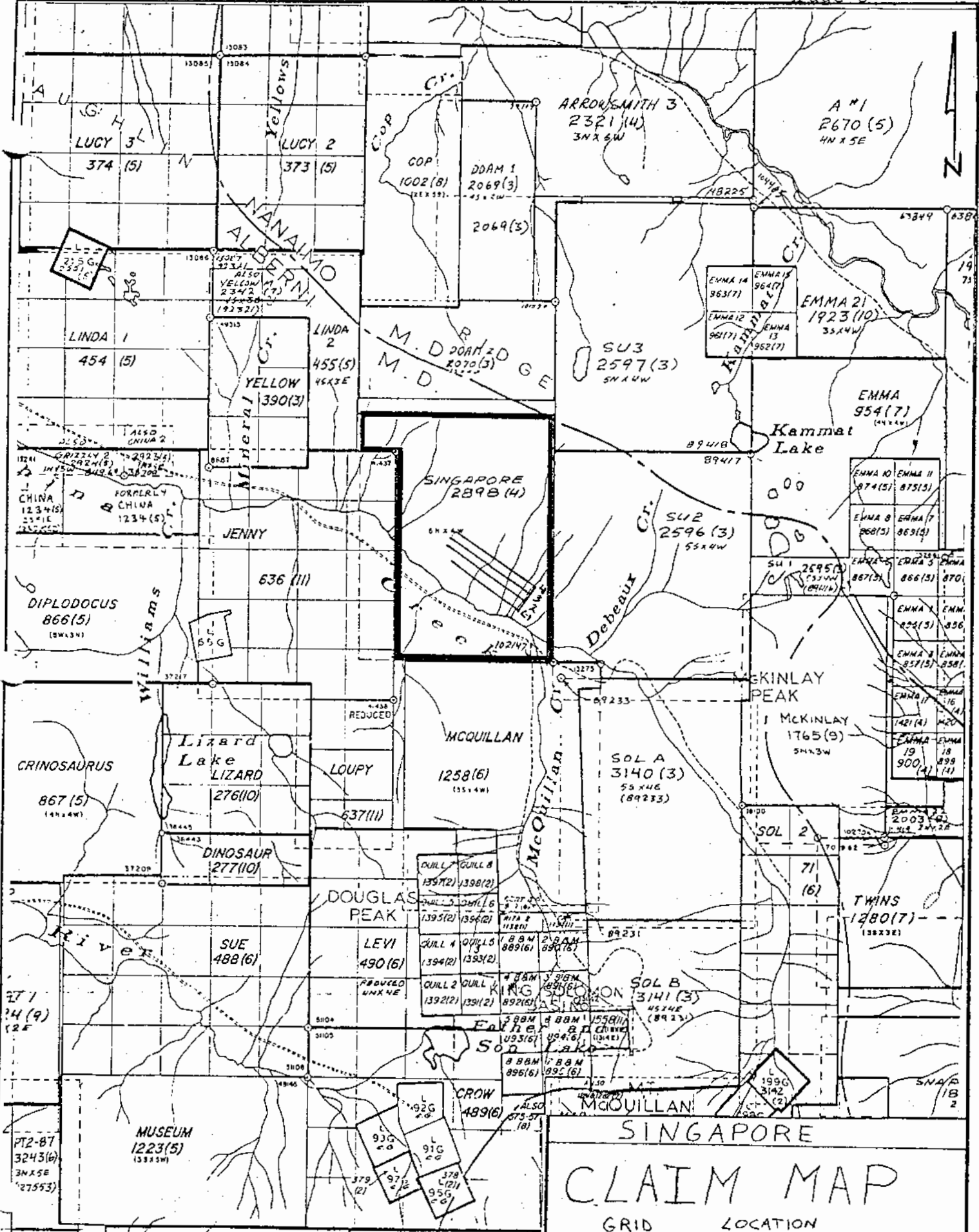
SINGAPORE GROUP

INTRODUCTION

The following report on the Singapore Group mineral claim has been prepared to fulfill the requirements of the Mineral Act regarding the application of geochemical surveys for assessment work.

The survey was carried out by A.E. Angus and S.E. Angus between December 2 and December 6, 1987.

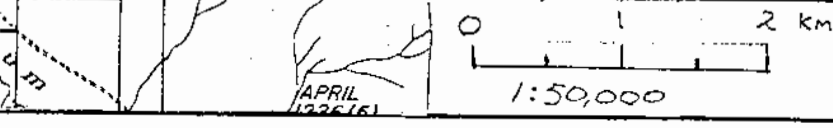
A total of 3.85 km of grid was established and 81 soil samples were collected.



# SINGAPORE CLAIM MAP

GRID LOCATION

Drawn by: S. Angus      Scale: 1:50,000  
 Date: JAN 1988      N.T.S: 92F/2E



APRIL 1986

PROPERTY:

The Singapore property consists of the following claim:

<u>Claim</u>	<u>Record No.</u>	<u>Units</u>	<u>Located</u>	<u>Ann.Date</u>	<u>Locator</u>
Singapore	2898	20	Apr.1/86	Apr.1/88	A.E. Angus

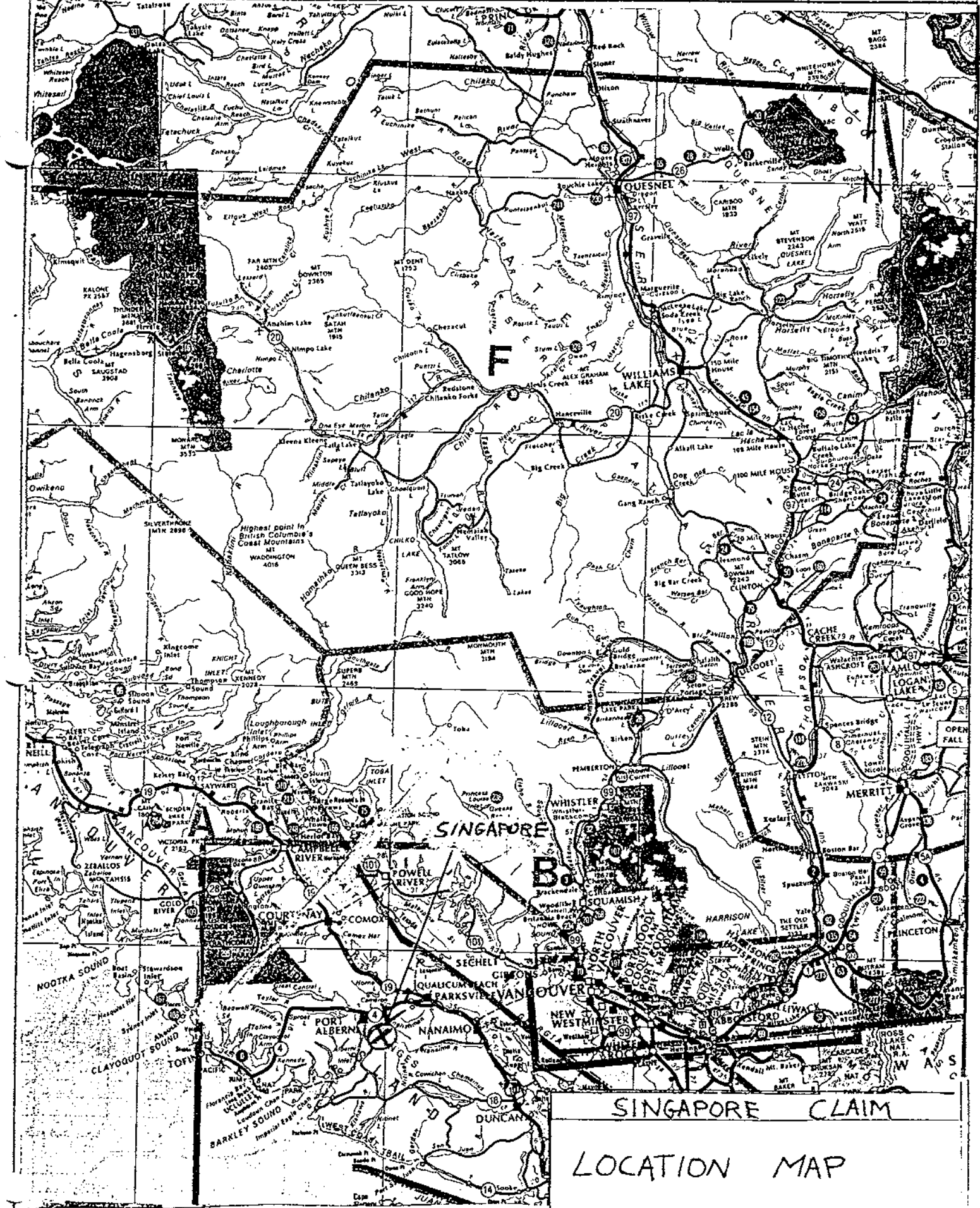
The Singapore claim was transferred to Scott E. Angus on December 16, 1987.

LOCATION AND ACCESS

The Singapore claim is located 17 km east of Port Alberni on the south slope of McLaughlin Ridge on NTS mapsheet 92F/2E, centered at approximately 49'09.5'N latitude, 124'38'W longitude in the Alberni Mining Division of British Columbia.

Access to the Singapore claim is provided by the China Creek road, an all-weather gravel road which crosses the southwestern portion of the claim.

MacMillan Blodell has plans for a logging road which would run through the northern part of the claim. this would be accessible from the Cameron valley main and would be very useful for exploration work in that part of the claim.



SINGAPORE CLAIM  
 LOCATION MAP  
 Drawn by : S. Angus  
 Date: Jan. 1988  
 Scale : 1:2,500,000  
 NTS:

SCALE 1:2 500 000  
 Kilometres 20 0 20 40 60 80 100 120 140 160 180 200 Kilometres  
 1 CENTIMETRE EQUALS 25 KILOMETRES 1 INCH EQUALS APPROXIMATELY 40 MILES  
 ELEVATIONS IN METRES ABOVE SEA LEVEL





PREVIOUS WORK

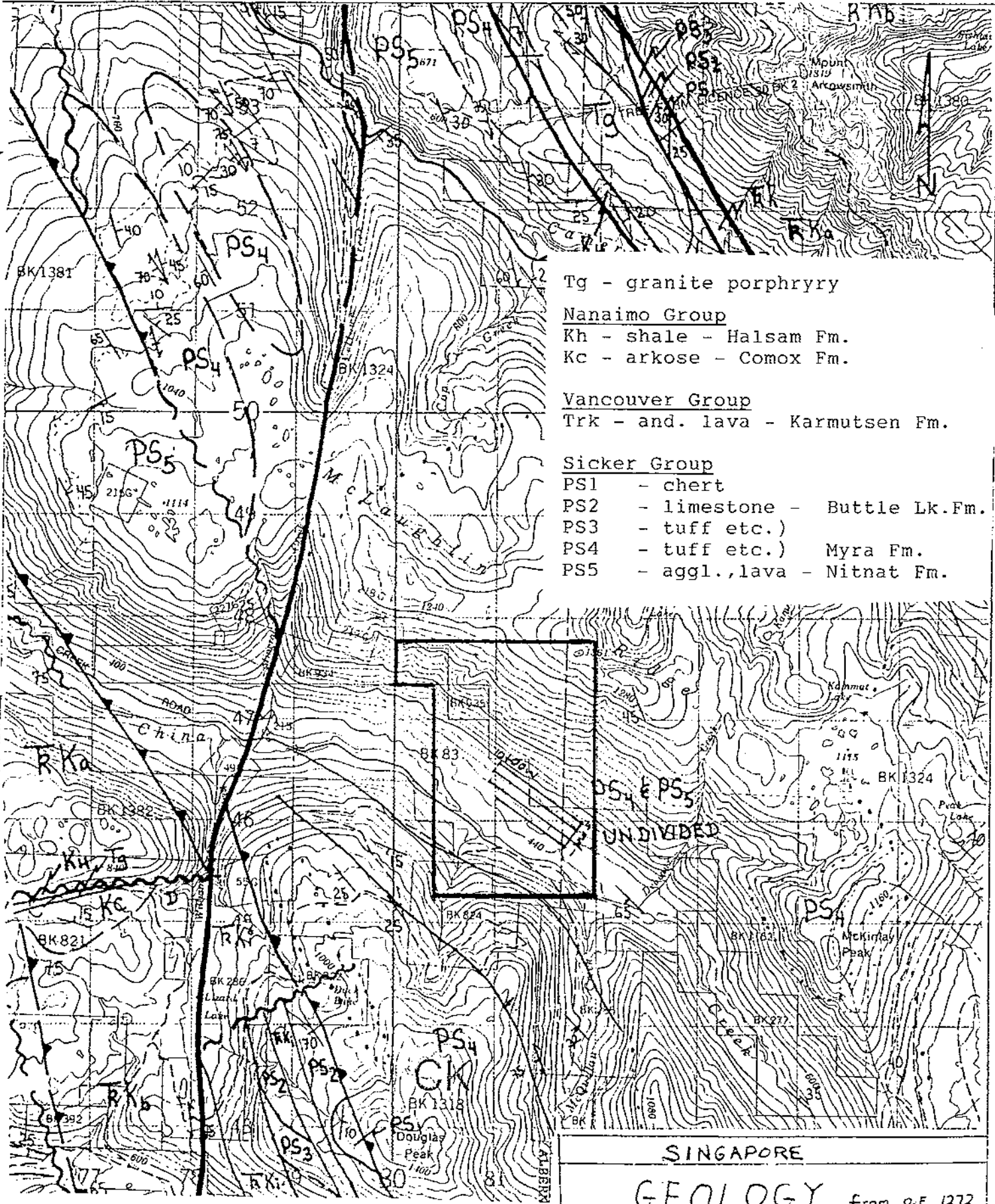
During the period 1963-1966 Gunnex Ltd. carried out a regional mapping program with some prospecting and silt sampling and compiled a list of mineral occurrences. The Alberni claim area was mapped but apparently no mineralization was located. The 1962 Hunting aeromagnetic survey also covered the area of the Alberni claim but no anomalies were located on or near the claim.

An old showing, the Bank Group, occurs on or near to the south-western corner of the Alberni claim. A 1917 reference report on the Bank Group states that a series of open cuts had been dug on a zone of quartz veins carrying pyrite, chalcopyrite, and galena with some silver and gold values.

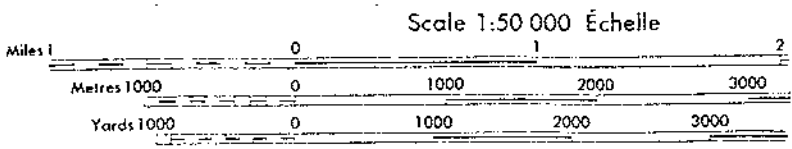
A 25 foot shaft had been sunk in the largest open cut and a caved adit also existed. The mineralized zone was reported to be up to 10 feet or more wide and several hundred feet in strike length. a grab sample from the dump assayed at trace Au, 1 oz/ton Ag, and 3.2% Cu. (Ministry of Mines Annual Report, 1917,p.247)

On May 11, 1984, a report on reconnaissance geological mapping and rock sample was submitted for assessment work by M.P.H. consulting, for Sunfield Management Ltd. This report returned one anomolous rock sample on the south boundary of the claim. The sample ran 99 Ppb. Au. and was a Qtz. carbonate veined, sulfhide rich volcanic.

Government geological work in the area includes mapping by C.H. Clapp (1912 and 1914), J.e. Muller and D.J.T. Carson (1969), and J.E. Muller (1977 and 1980) and a mineral compilation report by J.S. Stevenson (1945).



- Tg - granite porphyry
- Nanaimo Group
- Kh - shale - Halsam Fm.
- Kc - arkose - Comox Fm.
- Vancouver Group
- Trk - and. lava - Karmutsen Fm.
- Sicker Group
- PS1 - chert
- PS2 - limestone - Buttle Lk. Fm.
- PS3 - tuff etc.)
- PS4 - tuff etc.) Myra Fm.
- PS5 - aggl., lava - Nitnat Fm.



**SINGAPORE**

**GEOLOGY** from o.F 1272

- TOPOGRAPHY
- GRID LOCATION

Drawn by S. Angus	Scale 1:50,000
DATE: JAN. 1988	N.T.S.: 92 F/2E

GENERAL GEOLOGY

The accompanying geological plan is taken from G.S.C. Open File 1272 compiled by Sutherland Brown, Yarath, Andosam and Dom.

There follows a table of formations for the rocks underlying the Singapore Group:

Tertiary -	Tg - granite porphyry
	<u>Nanaimo Group</u>
Cretaceous -	Kh - shale - Halsam Fm.
-	Kc - arkose - Comox Fm.
	<u>Vancouver Group</u>
Triassic -	Trk - and. lava - Karmutsen Fm.
	<u>Sicker Group</u>
Paleozoic -	PS1 - chert —
-	PS2 - limestone - Buttle Lk. Fm.
-	PS3 - tuff etc.)
-	PS4 - tuff etc.) - Myra Fm.
-	PS5 - aggl. lava - Nitnat Fm.

Recent discoveries of volcanogenic type mineralization in addition to the classic Buttle Lake deposit has focused exploration activity on the Sicker Group of rocks which host these deposits.

LOCAL GEOLOGY AND MINERALIZATION

Outcrop on the lower elevations of the claim was mostly restricted to creek beds and road cuts. The higher elevations being snow covered at the time the work was carried out.

All outcrops examined were andesitic in nature and were generally fine to medium grained and massive. Quartz and/or quartz-carbonate veining is common, although it generally is rather minor with veins in the order of 1 to 5 mm wide. Minor pyrite was noted scattered throughout the rocks with a higher content being in the veined rocks.

MINERAL OCCURRENCES

On the adjoining claims to the west, Westmin Resources, Nexus Resources and Angle Resources are undertaking an extensive exploration program on the Debbie group of claims. They have recently announced economic potential of 1,189,000 tons grading 0.17 ounces per ton gold. The mineralization is in structurally controlled zones in the Nitnat and Myra formations.

The Yellow claims, which are surrounded by the Debbie claims were a past producer when Vancouver Island Gold mines extracted 384 oz. Au. from 483 tons of ore. This was from high grade quartz vein material. Recent drilling by Westmin Res. Angle Res. and Reward Res. indicates this to be the same zone as the Debbie, with the potential for the same tonnage and grade.

In view of the recent discoveries on the adjoining ground within the same Sicker rock formation makes the Singapore claim a good target for gold exploration.

GEOCHEMICAL SURVEY

Except for the narrow river valley where deep gravel overburden can be expected the claim area covering the sides of the valley is lightly overburdened and therefore should be ideally suited to geochemical exploration.

In the area selected for sampling the overburden is generally less than 1 metre. A thin layer of "A" horizon is underlain by generally rusty coloured more gravelly than usual type "B" horizon soil.

The 81 soil samples collected were analyzed by fusion method for gold and a multiple element analysis was made by Induced Couple Plasma Spectrometer.

The results were disappointing: the highest gold geochem being 35 ppb.



3 NORTH

2 NORTH

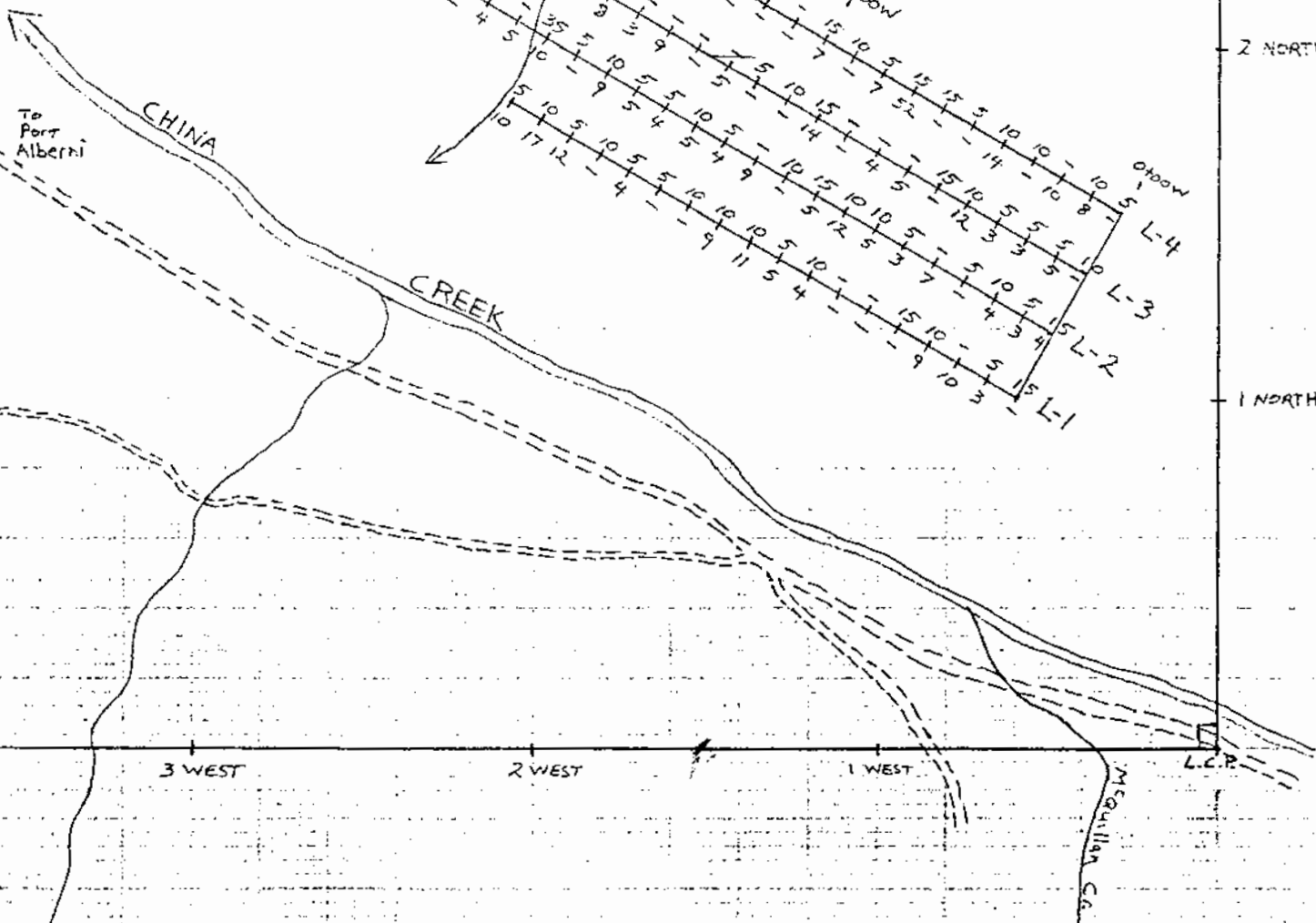
1 NORTH

3 WEST

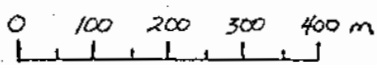
2 WEST

1 WEST

L.C.P.



5 12 Au. PPb.  
6 3 As. PPM.



1:10,000

SINGAPORE	
GOLD in soils PPb.	
ARSENIC in soils PPM.	
Drawn by: S. Angus	Scale: 1:10,000
DATE: JAN. 1988	MAP no. 92F/2E

CONCLUSIONS

The area sampled does not indicate the presence of any economic mineralization.

This only a small portion of the Singapore claim and in view of encouraging gold discoveries on the adjoining claims to the west the remainder of the claims should be subject to detailed prospecting. —

Respectfully Submitted,



Scott E. Angus, Prospector  
Vancouver, B.C.  
February 9, 1988



APPENDIX 1

ASSAY PROCEDURES



# VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

February 22nd, 1988

TO: Scott Angus  
EDSONS RESOURCES LTD.  
12719 24A Avenue.  
Surrey, B.C. V4A 2V3

FROM: Vangeochem Lab Limited  
1521 Pemberton Avenue  
North Vancouver, British Columbia  
V7P 2S3

SUBJECT: Analytical procedure used to determine hot acid soluble for 28 element scan by Inductively Coupled Plasma Spectrophotometry in geochemical silt and soil samples.

## 1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags. Rock samples would be received in poly ore bags.
- (b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.
- (c) Dried rock samples were crushed 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 subsequent analyses.

## 2. Method of Digestion

- (a) 0.50 gram portions of the minus 80-mesh samples were used. Samples were weighed out using an electronic balance.
- (b) Samples were digested with a 5 ml solution of HCL:HN03:H2O in the ratio of 3:1:2 in a 95 degree Celsius water bath for 90 minutes.
- (c) The digested samples are then removed from the bath and bulked up to 10 ml total volume with demineralized water and thoroughly mixed.



# VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

---

### 3. Method of Analyses

The ICP analyses elements were determined by using a Jarrel-Ash ICAP model 9000 directly reading the spectrophotometric emissions. All major matrix and trace elements are interelement corrected. All data are subsequently stored onto disk.

### 4. Analysts

The analyses were supervised or determined by either Mr. Eddie Tang, and, the laboratory staff.

A handwritten signature in cursive script, appearing to read 'Eddie Tang', written over a horizontal line.

Eddie Tang  
VANGEOCHEM LAB LIMITED



# VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

February 22nd, 1988

TO: Scott Angus  
EDSONS RESOURCES LTD.  
12719 24A Avenue.  
Surrey, B.C. V4A 2V3

FROM: Vangeochem Lab Limited  
1521 Pemberton Avenue  
North Vancouver, British Columbia  
V7P 2S3

SUBJECT: Analytical procedure used to determine Aqua Regia soluble gold in geochemical samples.

## 1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags. Rock samples would be received in poly ore bags.
- (b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.
- (c) Dried rock samples were crushed 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 subsequent analyses.

## 2. Method of Digestion

- (a) 5.00 to 10.00 grams of the minus 80-mesh portion of the samples were used. Samples were weighed out using an electronic micro-balance and deposited into beakers.
- (b) Using a 20 ml solution of Aqua Regia (3:1 solution of HCl to HNO<sub>3</sub>), each sample was vigorously digested over a hot plate.
- (c) The digested samples were filtered and the washed pulps were discarded. The filtrate was then reduced in volume to about 5 ml.



## VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

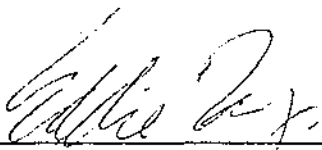
- (d) Au complex ions were then extracted into a di-isobutyl ketone and thiourea medium (Anion exchange liquids "Aliquot 336").
- (e) Separatory funnels were used to separate the organic layer.

### 3. Method of Detection

The detection of Au was performed with a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp. The results were read out onto a strip chart recorder. A hydrogen lamp was used to correct any background interferences. The gold values, in parts per billion, were calculated by comparing them with a set of gold standards.

### 4. Analysts

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



---

Eddie Tang  
VANGEOCHEM LAB LIMITED

APPENDIX 2

---

ASSAY RESULTS



# VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

## ===== GEOCHEMICAL ANALYTICAL REPORT =====

CLIENT: EDSON RESOURCES LTD.  
ADDRESS: 12474 Crescent Road  
: Surrey, B.C.  
: V4A 2V3

DATE: Jan 07 1988

REPORT#: 880013 GA  
JOB#: 880013

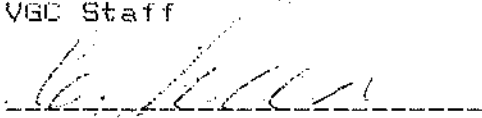
PROJECT#: SINGAPORE  
SAMPLES ARRIVED: Jan 05 1988  
REPORT COMPLETED: Jan 07 1988  
ANALYSED FOR: Au ICP

INVOICE#: 880013 NA  
TOTAL SAMPLES: 81  
SAMPLE TYPE: 81 Soil  
REJECTS: DISCARDED

SAMPLES FROM: Surrey, B.C. & Submitted by Mr. Scott Angus  
COPY SENT TO: All copies sent to Surrey office.

PREPARED FOR: Mr. Scott Angus

ANALYSED BY: VGC Staff

SIGNED: 

GENERAL REMARK: Invoice sent to Surrey office.



# VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880013 GA

JOB NUMBER: 880013

EDSDN RESOURCES LTD.

PAGE 1 OF 3

SAMPLE #	Au
	ppb
L1 0+00W	15
L1 0+50W	5
L1 1+00W	nd
L1 1+50W	10
L1 2+00W	15
L1 2+50W	nd
L1 3+00W	nd
L1 3+50W	10
L1 4+00W	5
L1 4+50W	10
L1 5+00W	10
L1 5+50W	10
L1 6+00W	5
L1 6+50W	5
L1 7+00W	10
L1 7+50W	5
L1 8+00W	10
L1 8+50W	5
L2 0+00W	15
L2 0+50W	5
L2 1+00W (A)	10
L2 1+00W (B)	20
L2 1+50W	5
L2 2+00W	nd
L2 2+50W	5
L2 3+00W	10
L2 3+50W	10
L2 4+00W	15
L2 4+50W	10
L2 5+00W	nd
L2 5+50W	5
L2 6+00W	10
L2 6+50W	5
L2 7+00W	5
L2 7+50W	10
L2 8+00W	5
L2 8+50W	35
L2 9+00W	nd
L2 9+50W	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample





# VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880013 GA

JOB NUMBER: 880013

EDSON RESOURCES LTD.

PAGE 2 OF 3

SAMPLE #	Au ppb
L3 0+00W	10
L3 0+50W	5
L3 1+00W (A)	5
L3 1+00W (B)	10
L3 1+50W	5
L3 2+00W	10
L3 2+50W	15
L3 3+00W	nd
L3 3+50W	nd
L3 4+00W	nd
L3 4+50W	15
L3 5+00W	10
L3 5+50W	5
L3 6+00W	nd
L3 6+50W	nd
L3 7+00W	nd
L3 7+50W	nd
L3 8+00W	nd
L3 8+50W	nd
L3 9+00W	nd
L3 9+50W	nd
L4 0+00W	5
L4 0+50W	10
L4 1+00W	nd
L4 1+50W	10
L4 2+00W	10
L4 2+50W	5
L4 3+00W	15
L4 3+50W	15
L4 4+00W	5
L4 4+50W	10
L4 5+00W	15
L4 5+50W	nd
L4 6+00W	15
L4 6+50W	15
L4 7+00W	10
L4 7+50W	15
L4 8+00W	10
L4 8+50W	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 880013 6A

JOB NUMBER: 880013

EDSON RESOURCES LTD.

PAGE 3 OF 3

SAMPLE #

L4 9+00W

L4 9+50W

L4 10+00W

Au

ppb

5

nd

nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1111 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 3:1:2 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 SK, MN, FE, CA, P, CR, Ni, 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: EDSONS RESOURCES LTD.  
 ATTENTION:  
 PROJECT: SINGAPORE

REPORT#: B80013PA  
 JOB#: B80013  
 INVOICE#: B80013NA

DATE RECEIVED: 88/01/05  
 DATE COMPLETED: 88/01/08  
 COPY SENT TO:

ANALYST *[Signature]*

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
L1 0+00W	.2	5.09	ND	ND	57	ND	.51	.4	19	95	35	6.33	.08	.97	559	1	.01	71	.13	1	ND	ND	ND	ND	24	ND	ND	63
L1 0+50W	.2	3.44	3	ND	32	ND	.29	.4	17	85	33	4.36	.06	1.33	325	1	.01	68	.17	3	ND	ND	ND	ND	20	ND	ND	54
L1 1+00W	.6	1.01	10	ND	47	ND	.22	.1	4	27	12	1.39	.04	.12	57	ND	.01	13	.02	10	ND	ND	ND	2	22	ND	ND	17
L1 1+50W	.6	1.08	9	ND	34	ND	.25	.1	6	29	14	1.71	.04	.16	90	ND	.01	16	.03	9	ND	ND	ND	3	21	ND	ND	21
L1 2+00W	.5	3.81	ND	ND	76	ND	.42	.6	26	93	72	3.78	.06	.98	696	1	.01	72	.08	5	ND	ND	ND	ND	20	ND	ND	50
L1 2+50W	.2	3.92	ND	ND	51	ND	.40	.6	18	77	57	4.74	.06	1.14	391	1	.01	67	.16	2	ND	ND	ND	ND	25	ND	ND	58
L1 3+00W	.2	2.26	ND	ND	42	ND	.26	.3	8	45	15	3.58	.06	.34	317	1	.01	30	.08	7	ND	ND	ND	ND	24	ND	ND	38
L1 3+50W	.6	2.83	4	ND	29	ND	.41	.3	15	71	50	3.92	.06	.89	242	1	.01	53	.08	6	ND	ND	ND	3	25	ND	ND	49
L1 4+00W	.3	3.49	5	ND	84	ND	.36	.3	23	100	43	4.35	.06	1.37	331	1	.01	96	.05	4	ND	ND	ND	1	24	ND	ND	52
L1 4+50W	.1	3.49	11	ND	71	ND	.29	.4	14	91	25	5.04	.06	.76	380	1	.01	57	.24	5	ND	ND	ND	ND	22	ND	ND	57
L1 5+00W	.1	3.93	9	ND	69	ND	.21	.4	18	132	29	6.91	.08	1.04	688	1	.01	85	.21	8	ND	ND	ND	ND	16	ND	ND	53
L1 5+50W	.3	4.58	ND	ND	97	ND	.49	.7	30	134	59	4.85	.07	1.97	1420	1	.01	113	.07	3	ND	ND	ND	ND	23	ND	ND	73
L1 6+00W	.3	4.24	ND	ND	92	ND	.36	.5	26	109	38	4.85	.06	1.15	608	1	.01	87	.06	5	ND	ND	ND	ND	28	ND	ND	66
L1 6+50W	.6	4.61	4	ND	62	ND	.31	.5	25	106	48	4.72	.06	1.22	515	1	.01	84	.14	4	ND	ND	ND	1	22	ND	ND	69
L1 7+00W	.5	4.99	ND	ND	89	ND	.33	.5	29	118	54	5.38	.07	1.48	500	1	.01	105	.12	3	ND	ND	ND	ND	25	ND	ND	81
L1 7+50W	.3	1.98	12	ND	19	ND	.22	.3	6	44	22	2.84	.05	.31	127	ND	.01	26	.06	8	ND	ND	ND	ND	20	ND	ND	25
L1 8+00W	.3	2.58	17	ND	55	ND	.31	.3	12	65	20	3.63	.05	.81	232	1	.01	47	.06	7	ND	ND	ND	1	26	ND	ND	42
L1 8+50W	.6	3.19	10	ND	74	ND	.52	.6	21	78	71	3.75	.07	1.70	528	1	.01	88	.10	8	ND	ND	ND	2	19	ND	ND	66
L2 0+00	.7	3.13	4	ND	50	ND	.33	.5	20	58	83	3.48	.06	1.16	965	1	.01	62	.09	9	ND	ND	ND	1	18	ND	ND	59
L2 0+50W	.6	3.29	3	ND	58	ND	.29	.5	17	68	46	4.22	.07	1.05	423	1	.01	66	.10	8	ND	ND	ND	ND	22	ND	ND	55
L2 1+00WA	.7	2.37	4	ND	53	ND	.26	.3	12	65	31	3.65	.06	.76	382	1	.01	52	.20	10	ND	ND	ND	1	19	ND	ND	40
L2 1+00WB	.6	4.41	ND	ND	67	ND	.39	.5	20	59	38	3.65	.06	1.26	470	1	.01	61	.13	6	ND	ND	ND	ND	30	ND	ND	72
L2 1+50W	.6	2.47	ND	ND	72	ND	.43	.4	21	59	30	3.65	.07	.74	1709	1	.01	52	.09	11	ND	ND	ND	1	25	ND	ND	54
L2 2+00W	.3	2.15	7	ND	128	ND	1.93	.6	18	55	39	2.82	.08	.98	1752	1	.01	57	.08	12	ND	ND	ND	1	44	ND	ND	60
L2 2+50W	.5	3.37	3	ND	50	ND	.32	.6	14	81	29	5.77	.08	.86	311	2	.01	65	.04	10	ND	ND	3	ND	20	ND	ND	37
L2 3+00W	.6	3.06	5	ND	61	ND	.43	.4	18	62	54	3.72	.06	1.19	567	1	.01	65	.15	11	ND	ND	ND	1	22	ND	ND	55
L2 3+50W	.6	3.90	12	ND	98	ND	.37	.4	24	98	55	4.55	.07	1.29	492	2	.01	77	.03	9	ND	ND	ND	ND	26	ND	ND	43
L2 4+00W	.6	3.02	5	ND	80	ND	.42	.4	20	84	37	4.10	.07	1.13	503	2	.01	73	.05	10	ND	ND	ND	1	27	ND	ND	42
L2 4+50W	.6	2.98	ND	ND	47	ND	.34	.4	16	91	27	4.82	.07	.79	412	1	.01	55	.06	9	ND	ND	ND	1	25	ND	ND	37
L2 5+00W	.6	1.79	9	ND	87	ND	.43	.3	8	38	29	2.62	.05	.59	183	1	.01	35	.08	9	ND	ND	ND	2	23	ND	ND	39
L2 5+50W	.6	3.39	4	ND	71	ND	.46	.5	24	83	78	4.20	.07	1.71	871	1	.01	83	.12	8	ND	ND	ND	1	26	ND	ND	66
L2 5+00WB	.6	2.91	5	ND	52	ND	.43	.3	13	55	39	3.24	.06	.66	423	1	.01	45	.09	9	ND	ND	ND	1	36	ND	ND	49
L2 6+50W	.7	2.55	4	ND	38	ND	.48	.2	11	51	19	2.75	.06	.66	245	1	.01	40	.11	10	ND	ND	ND	2	36	ND	ND	43
L2 7+00W	.7	2.89	5	ND	69	ND	.47	.4	12	49	32	3.21	.06	.68	263	1	.01	43	.08	9	ND	ND	ND	2	39	ND	ND	47
L2 7+50W	.6	1.88	9	ND	85	ND	.46	.5	9	50	24	2.35	.06	.52	764	1	.01	42	.09	12	ND	ND	ND	3	24	ND	ND	47
L2 8+00W	1.1	3.56	ND	ND	49	ND	.37	.5	18	85	39	3.87	.07	1.08	312	2	.01	67	.11	11	ND	ND	ND	3	29	ND	ND	49
L2 8+50W	.7	2.69	10	ND	34	ND	.30	.3	13	77	25	3.70	.06	.78	263	1	.01	55	.12	11	ND	ND	ND	3	26	ND	ND	43
L2 9+00W	.6	2.46	5	ND	97	ND	.34	.2	11	40	29	2.62	.06	.58	276	1	.01	40	.08	12	ND	ND	ND	2	31	ND	ND	42
L2 9+50W	.6	2.09	4	ND	33	ND	.32	.2	6	15	10	1.65	.05	.38	159	1	.01	17	.03	11	ND	ND	ND	ND	25	ND	ND	26
DETECTION LIMIT	.01		3	3	1	3	.01	.1	1	1	1	.01	.01	.01		1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL I	AS PPM	AU PPM	BA PPM	BI PPM	CA I	CD PPM	CO PPM	CR PPM	CU PPM	FE I	K I	MG I	MN PPM	MO PPM	NA I	NI PPM	P I	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	T PPM	W PPM	ZN PPM
L3-0+00W	.3	3.52	ND	ND	55	ND	.24	.3	19	78	51	4.17	.06	1.18	1380	1	.01	70	.27	10	ND	ND	ND	ND	15	ND	ND	59
L3-0+50W	.5	2.14	5	ND	33	ND	.36	.2	7	38	10	2.38	.06	.46	283	ND	.01	33	.05	10	ND	ND	ND	ND	30	ND	ND	34
L3-1+00W	.5	2.80	3	ND	45	ND	.31	.2	10	44	22	3.09	.06	.66	257	1	.01	45	.06	9	ND	ND	ND	ND	25	ND	ND	45
L3-1+00WB	.5	4.43	ND	ND	60	ND	.48	.4	15	42	34	4.05	.07	1.09	348	ND	.01	46	.12	8	ND	ND	ND	ND	39	ND	ND	65
L3-1+50W	.5	2.39	3	ND	69	ND	.34	.1	10	46	17	3.26	.06	.47	234	ND	.01	33	.08	9	ND	ND	ND	ND	30	ND	ND	45
L3-2+00W	.3	3.44	12	ND	87	ND	.30	.3	23	95	45	5.00	.07	1.09	1327	1	.01	72	.05	8	ND	ND	ND	ND	27	ND	ND	57
L3-2+50W	.3	3.47	ND	ND	67	ND	.35	.4	15	79	26	5.22	.07	.90	273	1	.01	59	.05	7	ND	ND	ND	ND	28	ND	ND	50
L3-3+00W	.3	2.59	5	ND	97	ND	.34	.3	12	53	26	3.30	.06	.56	279	1	.01	43	.03	9	ND	ND	ND	ND	33	ND	ND	39
L3-3+50W	.3	3.02	4	ND	96	ND	.38	.2	13	69	26	4.15	.06	.68	256	1	.01	52	.03	9	ND	ND	ND	ND	33	ND	ND	34
L3-4+00W	.3	3.67	ND	ND	70	ND	.44	.3	23	114	74	4.01	.06	1.59	621	1	.01	97	.13	3	ND	ND	ND	ND	34	ND	ND	64
L3-4+50W	.8	3.07	14	ND	88	ND	.36	.3	21	132	45	4.22	.06	.96	1659	1	.01	75	.07	7	ND	ND	ND	ND	26	ND	ND	55
L3-5+00W	.3	3.88	ND	ND	82	ND	.61	.4	29	121	64	3.69	.06	1.08	821	1	.01	83	.13	4	ND	ND	ND	ND	32	ND	ND	54
L3-5+50W	.5	4.20	ND	ND	55	ND	.37	.5	21	99	62	4.66	.06	1.36	336	1	.01	86	.09	3	ND	ND	ND	ND	27	ND	ND	58
L3-6+00W	.5	2.26	5	ND	40	ND	.44	.2	9	38	15	2.52	.05	.45	236	ND	.01	28	.05	7	ND	ND	ND	ND	42	ND	ND	35
L3-6+50W	.6	2.86	ND	ND	39	ND	.49	.2	11	57	21	3.74	.06	.61	243	1	.01	40	.06	7	ND	ND	ND	1	42	ND	ND	41
L3-7+00W	.7	2.37	9	ND	69	ND	.42	.3	12	65	20	3.07	.06	.67	231	1	.01	46	.07	10	ND	ND	ND	3	35	ND	ND	43
L3-7+50W	.7	2.53	3	ND	59	ND	.36	.2	11	70	20	3.41	.06	.51	309	ND	.01	41	.10	9	ND	ND	ND	2	35	ND	ND	40
L3-8+00W	.5	3.70	8	ND	74	ND	.45	.4	20	96	34	3.89	.06	1.33	387	1	.01	79	.15	7	ND	ND	ND	1	29	ND	ND	63
L3-8+50W	.6	2.95	ND	ND	71	ND	.35	.3	14	65	29	3.11	.05	.78	423	1	.01	47	.12	7	ND	ND	ND	1	32	ND	ND	57
L3-9+00W	.6	2.22	ND	ND	42	ND	.57	.2	6	17	11	1.52	.05	.32	300	ND	.01	15	.02	7	ND	ND	ND	1	45	ND	ND	24
L3-9+50W	.6	2.18	ND	ND	38	ND	.46	.2	8	38	13	2.38	.05	.52	202	ND	.01	33	.03	8	ND	ND	ND	ND	36	ND	ND	32
L4 0+00W	.1	4.62	ND	ND	118	ND	.29	.7	28	93	67	4.87	.07	1.59	639	1	.01	101	.14	3	ND	ND	ND	ND	24	ND	ND	79
L4 0+50W	.1	3.59	8	ND	226	ND	.72	.8	29	75	69	4.54	.07	1.69	2693	1	.01	91	.11	8	ND	ND	ND	ND	30	ND	ND	74
L4 1+00W	.3	3.54	10	ND	114	ND	.33	.5	23	81	42	4.25	.06	1.23	678	1	.01	77	.11	5	ND	ND	ND	ND	22	ND	ND	80
L4 1+50W	.3	4.59	ND	ND	137	ND	.41	.6	28	109	61	5.00	.07	1.65	754	1	.01	102	.13	3	ND	ND	ND	ND	27	ND	ND	65
L4 2+00W	.3	4.03	14	ND	243	3	.54	.5	30	122	48	4.50	.07	1.64	1536	1	.01	103	.08	8	ND	ND	ND	ND	29	ND	ND	67
L4 2+50W	.3	4.16	ND	ND	103	3	.36	.4	27	104	51	4.37	.06	1.43	631	1	.01	90	.06	7	ND	ND	ND	1	32	ND	ND	64
L4 3+00W	.3	4.27	ND	ND	70	ND	.40	.4	22	81	64	4.09	.06	1.49	679	1	.01	77	.11	5	ND	ND	ND	ND	34	ND	ND	65
L4 3+50W	.1	3.61	52	ND	168	ND	1.22	.4	23	144	39	4.24	.08	1.41	812	1	.01	82	.05	5	ND	ND	ND	ND	44	ND	ND	52
L4 4+00W	.1	2.88	7	ND	163	ND	.55	.3	21	84	38	3.45	.06	1.25	941	1	.01	75	.09	8	ND	ND	ND	ND	30	ND	ND	57
L4 4+50W	.3	4.13	ND	ND	92	3	.33	.4	26	92	50	4.59	.06	1.55	531	1	.01	93	.07	7	ND	ND	ND	ND	24	ND	ND	60
L4 5+00W	.6	3.60	7	ND	70	ND	.44	.2	23	157	30	4.68	.06	1.25	391	1	.01	92	.05	4	ND	ND	ND	1	40	ND	ND	40
L4 5+50W	.6	3.27	ND	ND	73	ND	.43	.3	17	70	25	3.62	.06	.97	348	1	.01	58	.04	5	ND	ND	ND	ND	37	ND	ND	41
L4 6+00W	.3	4.55	ND	ND	131	ND	.40	.6	29	114	53	4.97	.07	1.70	738	1	.01	110	.07	5	ND	ND	ND	ND	31	ND	ND	70
L4 6+50W	.6	3.48	ND	ND	123	ND	.61	.2	25	101	38	3.85	.06	1.38	1078	1	.01	87	.06	6	ND	ND	ND	1	34	ND	ND	62
L4 7+00W	.5	4.53	ND	ND	103	3	.43	.5	25	80	47	4.61	.06	1.53	551	1	.01	80	.07	4	ND	ND	ND	ND	38	ND	ND	55
L4 7+50W	.5	3.64	5	ND	111	ND	.57	.4	24	106	31	3.79	.06	1.42	1295	ND	.01	86	.09	7	ND	ND	ND	1	36	ND	ND	72
L4 8+00W	.5	3.53	ND	ND	54	ND	.44	.3	20	79	35	3.29	.06	1.32	489	1	.01	67	.07	6	ND	ND	ND	ND	32	ND	ND	52
L4 8+50W	.5	2.86	ND	ND	76	ND	.55	.2	13	45	18	2.27	.05	.71	468	1	.01	39	.09	8	ND	ND	ND	ND	36	ND	ND	47
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MS %	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
L4 9+00M	.1	3.36	9	ND	147	ND	.59	.5	28	94	47	4.36	.07	1.84	1102	1	.01	105	.07	14	ND	ND	3	ND	23	ND	ND	70
L4 9+50M	.1	4.26	36	ND	137	ND	.58	.4	20	108	32	4.00	.07	.99	760	2	.01	71	.08	7	ND	ND	ND	ND	35	ND	ND	56
L4 10+00M	.1	4.70	9	ND	131	ND	.49	.4	28	77	63	4.79	.07	1.72	885	1	.01	97	.28	4	ND	ND	ND	ND	26	ND	ND	76
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

APPENDIX 3

EXPENDITURE

STATEMENT OF COSTS  
SINGAPORE CLAIMS

December 2, 1987 - December 6, 1987

Wages to S.E. Angus - 5 days @\$150.00	=	750.00
Wages to A.E. Angus - 5 days @\$150.00	=	750.00
4 Wheel Drive Rental- 5 days @\$ 40.00	=	200.00
Groceries	=	203.50
Motel	=	125.00
Gas	=	108.50
Ferry	=	48.00
Chain Saw Rental - 5 days @\$ 10.00	=	50.00
Assay Costs - Vangeochem Labs Ltd.	=	900.00
Report Preparation	=	<u>500.00</u>
TOTAL	=	3,635.00

**YGC**

**YGC**

**YANGLIOTTEN LAB LTD.**  
 Main Office  
 1521 Pemberton St.  
 North Vancouver, B.C. V7P 2S3  
 Tel: 604-262-5778  
 Branch Lab  
 1650 Pemberton St.  
 Vancouver, B.C.  
 Sample Preparation  
 Facilities  
 Trickle Bay, Okanogan  
 British Columbia  
 P.O. Box 1000

**YGC**

**YGC**

IN ACCOUNT WITH:

INVOICE: 880013 NA

EDSONS RES. LTD.  
 12474 Crescent Road  
 Surrey, B.C.  
 V4A 2V3

DATE: January 11, 1988

PROFESSIONAL SERVICE  
 INVOICE IS PAYABLE UPON RECEIPT

PO#:

REPORT: 880013 GA/PA

PROJECT: SINGAPORE

CODE	QUAN- TITY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
	81	Soil samples prepared for analyses	0.85	\$ 68.85
	81	Gold analyses by Aqua Regia/Sol. Ext./AAS	5.50	445.50
	81	Multi-element analyses by ICP	6.50	526.50
		Sub Total		\$ 1,040.85
		Less discount		140.85

TOTAL, THIS INVOICE: \$ 900.00

PLEASE PAY BY INVOICE  
 NO STATEMENT WILL BE ISSUED



APPENDIX 4

STATEMENT OF QUALIFICATIONS

I, Scott E. Angus of 12719- 24A Ave., in the city of Surrey,  
British Columbia.

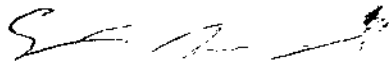
DO HEREBY CERTIFY:

That I am a prospector and have been actively involved in  
mining exploration for the past twelve years.

The following is a list of companies I have worked for:

1976 - Mcintyre Mines Ltd.  
1977 - McIntyre Mines Ltd.  
1978 - McIntyre Mines Ltd.  
1979 - J.C. Stephens Exploration Ltd.  
1980 - J.C. Stephens Exploration Ltd.  
1981 - J.C. Stephens Exploration Ltd.  
1982 - Carolin Mines Ltd.  
- Suneva Resources  
- Tenajon Silver Corp.  
1983 - Tenajon Silver Corp.  
- Cal Denver Resources  
1984 - Tenajon Silver Corp.  
- Cariboo Resources  
- Kokanee Resources  
- Homestock Resources  
- Carmac Resources  
1985 - Tenajon Silver Corp.  
- M.P.H. Consulting  
- Northair Mines Ltd.  
1986 - Northair Mines Ltd.  
- I.M. Watson and Associates  
1987 - Self Employed

I am presently the Vice President of Edsons Resources, Ltd.  
a private exploration company and a Director of Suntac Minerals  
Corporation, a soon to be listed company.



---

S.E. Angus

Dated at the City of Vancouver  
Province of British Columbia  
This 9th day of February 1988