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**D. L. COOKE AND ASSOCIATES LTD.**  
MINERAL EXPLORATION CONSULTANTS

Stamp: OCT - 9 1986  
VANCOUVER, B.C.

**ASSESSMENT REPORT  
ON THE GEOCHEMICAL SURVEY OF THE  
MESS PROPERTY  
KEMESS CREEK AREA,  
OMINECA MINING DIVISION, B.C.**

N.T.S. 94 E / 2 E  
Latitude: 57° ~~02' N~~ 04.5'  
Longitude: 126° ~~08' W~~ 39.5'

For

Operator: **WESTERN PREMIUM RESOURCE CORP.**  
204 - 455 Granville Street  
Vancouver, B.C.

By

Owner: **DAVID L. COOKE, Ph.D., P.Eng.**  
D.L. COOKE AND ASSOCIATES LTD.  
**GEOLOGICAL BRANCH**  
ASSESSMENT REPORT  
Vancouver, B.C.



V6B 1N2

Work done: July 8 - 31, 1986

Report dated September 8, 1986

**15,184**

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## TABLE OF CONTENTS

	<b>Page</b>
Summary and Conclusions	1
Introduction	2
Location and Access	2
Property and Ownership	3
History and Previous Work	3
1986 Program	4
Regional Geology and Style of Mineralization	4
Property Geology and Mineralization	5
Geochemistry	6
Sample Collection	6
Analytical Methods	6
Discussion of Results	7
Recommendations	8
References	9

### Illustrations

- Figure 1: Location Map, Mess Property
- Figure 2: Claim Map, Mess Property; 1:50,000
- Figure 3: Sample Numbers, Mess Property; 1:5,000
- Figure 3a: Geochemistry - Au, Ag, Mess Property; 1:5,000
- Figure 3b: Geochemistry - As, Cu, Pb, Mess Property; 1:5,000

### Appendices

- Appendix I Statement of Expenditures
- Appendix II Statement of Qualifications
- Appendix III Table I - Analytical Results - Rock Chip Samples
- Appendix IV Analytical Results

## SUMMARY AND CONCLUSIONS

The Mess property consists of 35 claim units which cover precious metal mineralization, geochemical anomalies, and favourable geological structures in the Toodoggone River gold camp. The claims lie near the headwaters of Kemess Creek, in the Omineca Mining Division, approximately 280 kilometres north of Smithers, B.C. Until the Omineca road is extended into the area, access is by fixed and rotary winged aircraft.

Previous exploration work on the property by Serem Ltd. resulted in the discovery of precious metals in association with lead, zinc and barite mineralization within Takla volcanic rocks. The claims are underlain by intermediate volcanic rocks of the Takla Group and acid flows and fragmentals of the Toodoggone Group. These groups are usually in fault contact with each other. The precious metal mineralization occurs in quartz-barite veins localized by some of these fault structures.

Rock and soil geochemistry which was done on behalf of Western Premium Resource Corporation in 1986 has confirmed the presence of significant silver and gold mineralization on the property. Soil and stream geochemistry have also indicated other anomalous areas which warrant further investigation.

A program of trenching, mapping and extension of detail soil and heavy mineral stream sediment sampling is recommended. This may be followed by geophysical work such as a VLF-EM survey prior to drill testing.

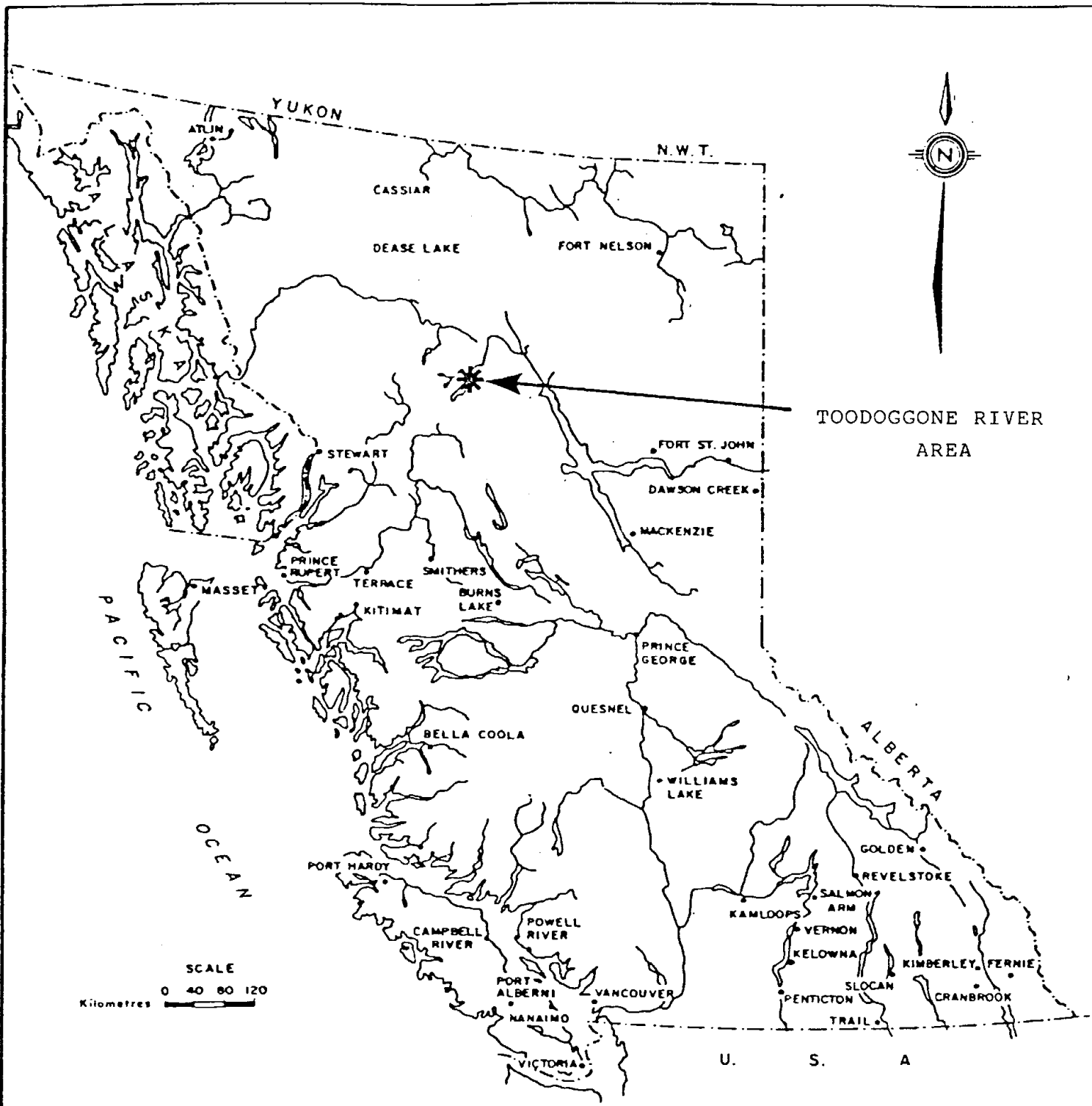
## INTRODUCTION

Exploration work on the Mess property in 1986 was undertaken at the request of Western Premium Resource Corporation. This work consisted of prospecting, rock chip sampling of veins and soil geochemistry over portions of the claims. The work was done by R.L. Wright, M.Sc., geologist, and field assistants Delbert MacDonald and David Manuel during the period July 8 to 31, 1986. The writer examined the Mess property July 24 - 26, 1986. The cost of the 1986 work amounted to \$53,000.00. This report is submitted for 10 years assessment credits on each of the Mess and New Mess claims.

## LOCATION AND ACCESS

The Mess property is located near the headwaters of Kemess Creek, approximately 280 kilometres north of Smithers, B.C. (Figure 1). The terrain is moderately steep, with elevations ranging from 1400 to 1925 metres. Portions of the claims above 1700 metres elevation generally form rounded grassy knolls and steep rocky ridges barren of trees. The valley sides and creek bottoms are characterized by good soil cover which supports scrubby spruce and pine trees.

Access to the property is presently by fixed-wing aircraft from Smithers, 250 kilometres north to the Sturdee gravel airstrip and then 30 kilometres to the east by helicopter. The right-of-way for the Omineca Road extension passes 30 kilometres to the southwest of the claims. A decision to extend the Omineca Road to the Lawyers property of Serem Ltd. would vastly improve the logistics and cost of access to the Mess property.



WESTERN PREMIUM RESOURCE CORP.

TOODOGGONE RIVER AREA

**LOCATION MAP**

MESS MINERAL CLAIMS  
(MESS PROPERTY)

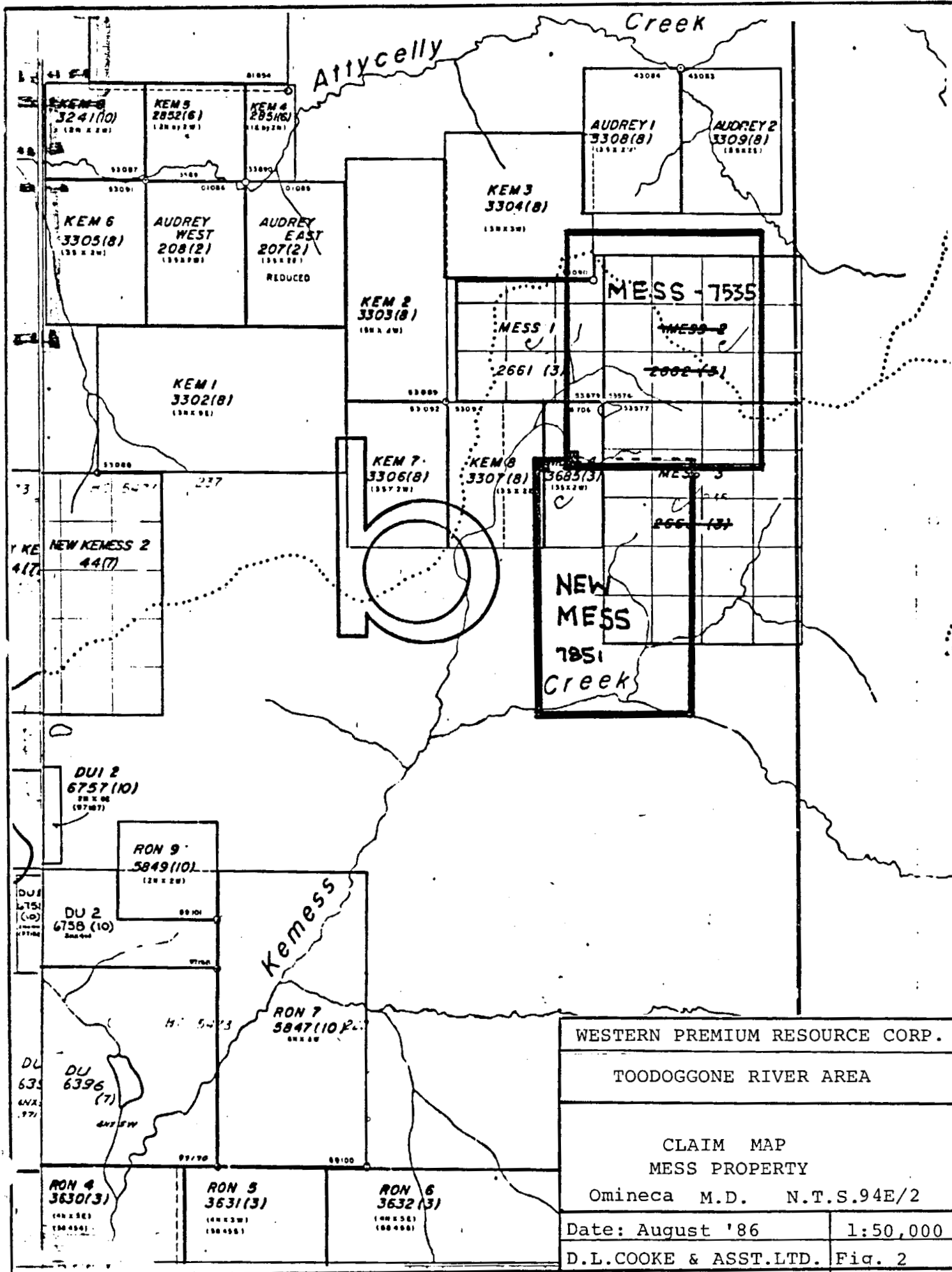
Omineca M.D.

NTS 94E/2

D. L. COOKE AND  
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DWN. BY:  
CHK. BY:  
SCALE AS SHOWN

DATE Aug./86  
FIGURE  
1



KEM 4  
3241(10)  
(20 X 20)

KEM 5  
2852(6)  
(20 X 20)

KEM 4  
2854(6)  
(16 X 20)

AUDREY 1  
3308(8)  
(16 X 20)

AUDREY 2  
3309(8)  
(16 X 20)

KEM 6  
3305(8)  
(20 X 20)

AUDREY WEST  
208(2)  
(16 X 20)

AUDREY EAST  
207(2)  
(16 X 20)

REDUCED

KEM 3  
3304(8)  
(16 X 20)

MESS - 7535

KEM 2  
3303(8)  
(16 X 20)

MESS 1  
2661(3)

MESS 2  
2002(3)

KEM 1  
3302(8)  
(16 X 20)

KEM 7  
3306(8)  
(16 X 20)

KEM 8  
3307(8)  
(16 X 20)

MESS 3  
3685(3)  
(16 X 20)

MESS 3  
255(3)

NEW KEMESS 2  
44(7)

NEW  
MESS  
7851  
Creek

DU 2  
6757(10)  
(20 X 20)

RON 9  
5849(10)  
(20 X 20)

DU 2  
6758(10)  
(20 X 20)

Kemess

RON 7  
5847(10)  
(20 X 20)

DU  
6396  
(7)

RON 4  
3630(3)  
(16 X 20)

RON 5  
3631(3)  
(16 X 20)

RON 6  
3632(3)  
(16 X 20)

### PROPERTY AND OWNERSHIP

The Mess property consists of the Mess and New Mess modified grid claims, which together comprise approximately 35 claim units (Figure 2). The pertinent claim data is as follows:

<u>Claim</u>	<u>Units</u>	<u>Record Number</u>	<u>Record Date</u>	<u>Due* Date</u>
Mess	20	7535	April 4, 1986	April 4, 1987
New Mess	15	-	August 7, 1986	August 7, 1987

\* Prior to the filing of this report for \$35,000 of assessment credits.

The claims are 100% owned by Western Premium Resource Corp.

### HISTORY AND PREVIOUS WORK

The work in 1980 and 1981 by the previous owner, Serem Ltd., consisted of stream silt, and contour soil geochemistry, augmented by reconnaissance geological mapping and rock chip sampling. Anomalous but erratic values in gold and silver were obtained. The best value of 3,800 ppb Au was obtained from a stream silt sample in a tributary of Kemess Creek (Figure 3a). Two small areas were grid soil sampled in detail to try and locate the source of the anomalies, and one prospect was trenched. The trenched area returned an average of 14.6 oz/T Ag over a strike length of 6 meters and 0.045 oz/T Au across 1 meter width. The grid soil sampling program did not adequately explain the presence of the anomalous gold and silver values in the creeks. Expenditures by Serem Inc. amounted to \$18,490.

The claims were allowed to lapse, and the area was subsequently acquired as the Mess claim for Western Premium Resource Corp.

### 1986 PROGRAM

An airborne magnetometer and VLF-EM survey was done over the area by Western Geophysical Aero Data Ltd. in April 1986 to help develop targets for ground follow-up work. The results of this survey are presented in the Geophysical Report on the Mess claim (Pezzot and White, 1986). Essentially this survey defined coincident magnetic and VLF-EM anomalies on the east boundary and outside the south boundary of the Mess claim. The New Mess claim was staked in July to cover the area of the southern airborne anomalies.

An extensive soil sampling program was conducted in 1986, and where practical contour soil sampling was done to extend the soil coverage. Heavy mineral concentrates and silts were also collected from the streams draining the claims. Quartz and barite vein material was chip sampled. The results are discussed under the section on Geochemistry.

### REGIONAL GEOLOGY AND STYLE OF MINERALIZATION

The property lies in the southern part of the Toodoggone gold belt, which encompasses the gold-silver deposits of DuPont of Canada Exploration Ltd. (Baker Mine) and Serem Ltd. (Lawyers) and numerous other precious metal prospects. More than 500,000 ounces of gold have been drill-indicated in four properties to date. The area is underlain by volcanic and sedimentary rocks of Permian, Triassic and Jurassic ages. Subvolcanic and plutonic intrusions of Jurassic age are intruded into the older rocks.

The main mineralization in the district consists of vein-type epithermal precious metal deposits and occurrences. Porphyry-gold-copper occurrences are also common. The known epithermal deposits occur as massive quartz veins such as at the Baker Mine, or as silicified zones and amethystine breccia zones such as at the Lawyers deposit. They lie along the northern margin of the Black Lake stock, close to a major northwest fault and are associated with siliceous volcanic centres, exhalative vents



and zones of alteration within the Toodoggone and Takla volcanics. Quartz, barite and carbonate are the chief gangue minerals. The vein minerals are acanthite, pyrite, electrum, chalcopyrite, native gold, sphalerite and galena. Grades range from 0.1 to 1.0 oz/T Au and 1.0 to 20.0 oz/T Ag.

### PROPERTY GEOLOGY AND MINERALIZATION

The claim is situated near the headwaters of Kemess Creek which is a designated placer gold drainage area. The property is underlain by Toodoggone and Takla volcanic rocks which are separated by northwest and northeast fault structures. Zones of clay alteration, silification and pyrite impregnations are developed along some fault zones. Classical epithermal minerals found within the shear and alteration zones include barite, quartz, fluorite, tetrahedrite, galena and sphalerite. Significant gold and silver mineralization is associated with these minerals.

The main zone of interest occurs along a northwest fault structure between Toodoggone and Takla rocks. It is mineralized in the southwestern part of the Mess claim which was trenched by Serem Ltd. in 1981. Rock chip samples from the trench at line 5+50S on the baseline (partly sloughed in now) in 1986 by R.L. Wright returned results as high as 2000 ppm Ag (58.5 oz.) and 500 ppb Au (0.015 oz.).

A character sample of barite, tetrahedrite and galena mineralization collected by the writer gave the following analytical results: 856.3 ppm Ag (25.0 oz.), 3731 ppm Cu, 52669 ppm Pb, 17435 ppm Zn, and 425 ppb Au.

A secondary mineralized area is located within altered Takla andesites in the grid area on the west portion of the New Mess claim. This zone lies on the west side of the mineralized northwest fault described above. It contains numerous quartz-barite veins, some of which were chip sampled in place, others as float material. These samples are described in Table 1, Appendix III, and the pertinent analytical results are plotted on Figures 3a

and 3b. The quartz-barite veins usually show anomalous but low gold values. The best values are 275 ppb Au and 38.5 ppm Ag.

The third mineralized zone occurs in a south-flowing tributary in the eastern portion of the New Mess claim approximately 300 metres east of the baseline at line 18+00S. The zone consists of vein material containing abundant chalcopyrite, galena and sphalerite. Analyses of one grab sample returned the following results: 35.1 ppm Ag; 3798 ppm Cu; 13816 ppm Pb; 106,155 ppm Zn and 245 ppb Au. This zone lies south-southeast and on strike with the mineralized trench area.

## GEOCHEMISTRY

### Sample Collection

A detailed program of soil sampling and rock geochemistry was done in 1986 to evaluate the geophysical anomalies and geologically favourable areas. Broad stream silt and heavy mineral concentrate sampling was done in the streams draining the claims. The bulk of the soil sampling was confined to the alpine areas. Soil samples were collected at 25 metre intervals along grid lines 100 metres apart. Contour samples were collected along steep hillsides where it was difficult to continue grid lines. Samples were taken with a mattock from depths of 10 cm to 25 cm, placed in numbered kraft paper bags and shipped to Min-En Laboratories Ltd. in North Vancouver for analysis.

### Analytical Methods

Soil and silt samples were dried overnight at approximately 60°C and then sieved to minus 80 mesh. A 0.5 gram portion of each sample was extracted by digestion with nitric acid and aqua-regia, followed by atomic absorption measurement to determine gold. All other elements were determined by Induction Coupling Plasma (ICP) analysis. Rock samples were crushed and then analysed in the same manner as the soils and silts. Heavy mineral

concentrates were separated by heavy liquid prior to crushing and geochemical extraction and analysis.

### **Discussion of Results**

The analytical results are presented in Appendix IV. The results for gold and silver are plotted on Figure 3a and arsenic, copper and lead on Figure 3b. Values over 1.5 ppm silver and 20 ppb gold are considered anomalous in this part of the Toodoggone River area. The threshold value for gold is about 15 ppb. Anomalous soils range from 20 to 1680 ppb Au and 1.5 to 14.2 ppm Ag. The anomalous levels for Cu, Pb and As are 100,80 and 40 ppm respectively.

Elongate, coincident gold and silver soil anomalies trend northwest for about 300 metres from the trenched Ag, Pb, Cu, Au mineralization at line 5+50S on the baseline. The anomaly is open to the west and northwest. A similar open-ended anomaly is centred on line 1+00N, west of the baseline. These soil anomalies and the mineralization which causes them are reflected by two strongly anomalous stream samples: a heavy mineral concentrate (7500 ppb Au, 6.2 ppm Ag) and a silt (3800 ppb Au, 0.8 ppm Ag). There is a general correspondence of anomalous lead values with the anomalous precious metals in the soils northwest of the trench area (Figure 3b). Additional work is warranted between this area and the two anomalous creeks to the west and northwest to determine the extent of the mineralized source.

Other significant soil anomalies occur associated with the mineralization located in the south-flowing creek on the New Mess claim. Anomalous contour soil samples in this area run up to 300 ppb Au and 14.2 ppm Ag. They lie on the projected fault contact between Toodoggone and Takla volcanic rocks, as do the soil anomalies on lines 5+50S and 1+00N.

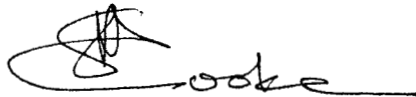
The levels of arsenic, copper and lead are generally anomalous in the vicinity of the south-flowing creek (Figure 3b). Further exploration work is warranted in this area to determine the nature of the mineralization.

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**RECOMMENDATIONS**

1. Soil geochemical coverage should be expanded to the northwest and southeast of the trenched area. This may be done by extending the grid lines to the western boundary of the Mess claim and south to the next creek.
2. Detailed heavy mineral concentrate sampling of the two anomalous creeks (3800 and 7500 ppb Au) is recommended to compliment the soil survey and locate new showings and/or extensions of the mineralization in the trench.
3. Trenching of the gold and silver soil anomalies is recommended.
4. A test VLF-EM survey is warranted over the anomalous areas to more accurately define the mineralized structures.
5. Diamond drilling is also proposed subject to continued favourable results being obtained.

Report by  
D.L. COOKE AND ASSOCIATES LTD.



David L. Cooke, Ph.D., P.Eng.  
September 8, 1986



## REFERENCES

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APPENDIX I

**STATEMENT OF EXPENDITURES**  
**MESS PROPERTY, OMINECA M.D.**

Mobilization, etc.		\$ 1,613.62
Geology		
R.L. Wright, M.Sc.;		
July 7-Aug 1, 1986: 25 days @ \$250	6,250.00	
D.L. Cooke, Ph.D.,P.Eng.;		
July 23-27, 1986: 5 days @ \$350	1,750.00	
Drafting and reproductions	750.00	
Equipment rental	<u>500.00</u>	9,250.00
Geochemistry		
D. MacDonald, Assistant;		
July 7-16, 1986: 10 days \$ 150	1,500.00	
D. Manuel, Assistant;		
July 17-Aug 1, 1986: 15 days @ \$150	2,250.00	
Hi-Tec Res. Management; contract soil sampling;		
Aug 10-14, 1986	3,100.00	
Geochemical analyses; Min-En Labs	<u>12,132.05</u>	18,982.05
Transportation		
Fixed wing aircraft - Central Mtn. Airlines	2,371.78	
Helicopter - Northern Mtn.	7,998.25	
Truck rental - gasoline, etc.	<u>1,097.58</u>	11,467.61
Camp and Domicile		
Groceries - Canada Safeway Ltd.	1,288.40	
Expediting	830.69	
Materials and camp gear	1,538.80	
Communications	<u>210.00</u>	3,866.89
Organization and Supervision		
D.L. Cooke, Ph.D.,P.Eng.;		
Office & administration: July-Sept 1986	3,300.00	
Report: 7 days @ \$350	2,450.00	
Stenographic and photocopying	<u>275.00</u>	<u>6,025.00</u>
<b>TOTAL EXPENDITURES</b>		<u><u>\$51,205.17</u></u>



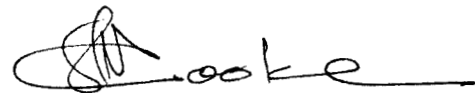
**D. L. COOKE AND ASSOCIATES LTD.**  
MINERAL EXPLORATION CONSULTANTS

APPENDIX II

**STATEMENT OF QUALIFICATIONS**

I, DAVID LAWRENCE COOKE, of the Municipality of Surrey in the Province of British Columbia, hereby certify:

1. That I am a Consulting Geologist, residing at 16331 Bell Road, Surrey, B.C., V3S 1J9, with a business office at 800 - 675 West Hastings Street, Vancouver, B.C., V6B 1N2.
2. That I graduated with a B.Sc. degree in Geology from the University of New Brunswick in 1959, and with a M.A. degree and Ph.D. degree in Geology from the University of Toronto in 1961 and 1966 respectively.
3. That I have practised my profession as an exploration geologist from 1959 to the present time in Canada, the U.S.A., Mexico, the Caribbean and South America.
4. That I am a Registered Member of the Association of Professional Engineers of the Province of British Columbia.
5. That I laid out the program and supervised the work which was done on the property in 1986, and visited the property July 24 - 26, 1986.



DAVID L. COOKE, PH.D., P.ENG.



APPENDIX III

TABLE I

Rock Chip Samples  
Analytical Results and Description

<u>Sample Number</u>	<u>Rock Description</u>	<u>O = Outcrop F = Float</u>	<u>Width (metres)</u>	<u>Gold (ppb)</u>	<u>Silver (ppm)</u>
MR-4	Silicified volcanics	O	grab	5	0.9
MR-5	Faulted silicified volcanic	O	grab	5	1.1
MR-11	Calcite vein with bornite	F	grab	5	5.5
MR-12	Tuff with malahite stains	F	grab	835	530.0
MR-18	Dacite with hematite fractures	O	grab	5	2.8
MR-19	Dacite tuff with dissem. chalcocite	O	grab	10	1.0
MR-23	Dacite breccia with calcite matrix	F	grab	5	1.2
MR-24	Quartz-barite vein	F	grab	5	3.7
MR-25	Quartz vein	F	grab	5	1.4
MR-27	Siliceous volcanic with 1% pyrite	O	grab	30	38.6
MR-28	Barite-quartz vein	F	grab	10	6.4
MR-29	Quartz breccia	O	1 m	225	1.4
MR-30	Rusty quartz	F	0.5 m	80	4.2
MR-31	Andesite with hematite fractures	O	grab	15	0.8
MR-32	Barite vein	O	30 cm	5	1.9
MR-33	Altered volcanics	O	3 m	10	2.1
MR-34	Barite vein	O	3 cm	5	0.4
MR-35	Barite vein	F	1 m	5	0.4
MR-36	Quartz stockwork in vols.	O	10 m	530	1.9
MR-37	Quartz-barite vein	O	30 cm	25	19.8
MR-38	Quartz vein	O	30 cm	10	1.6
MR-39	Quartz	F	grab	5	1.0
MR-40	Quartz-barite vein	O	grab	5	0.4
MR-41	Quartz-barite vein	O	2.5 m	5	0.9
MR-42	Quartz-barite vein	O	2.5 m	10	2.3
MR-43	Quartz-barite vein	O	2.0 m	5	1.4
MR-44	Quartz vein	F	grab	5	5.3
MR-45	Quartz breccia	F	grab	5	0.3
MR-46	Quartz-barite vein	F	grab	25	11.4
MR-47	Quartz-barite vein	F	grab	10	3.1
MR-48	Quartz-barite vein	F	grab	35	19.8
MR-49	Quartz-barite vein	F	grab	25	33.6
MR-50	Quartz-barite vein	F	grab	5	0.6
MR-51	Quartz-barite vein	F	grab	5	0.5
MR-52	Quartz-barite vein	F	grab	10	2.7



Sample Number	Rock Description	O = Outcrop F = Float	Width (metres)	Gold (ppb)	Silver (ppm)
MR-53	Rusty zone in volcanics	O	grab	25	3.3
MR-54	Talus-quartz vein	F	grab	30	0.5
MR-55	Quartz-barite vein	F	grab	15	5.2
MR-56	Siliceous volcanic	O	grab	15	8.4
MR-57	Quartz vein and breccia	O	1 m	10	0.5
MR-58	Quartz vein and breccia	O	1 m	5	0.6
MR-59	Quartz vein	O	35 cm	5	1.2
MR-60	Quartz vein	O	0.7 m	15	3.4
MR-61	Quartz vein	O	0.5 m	275	1.3
MR-62	Quartz vein	F	grab	350	200.0 /
MR-63	Trench - quartz-barite vein & vols.	O	0.3 m	30	64.0
MR-64	Trench - quartz-barite vein & vols.	O	0.75 m	265	495.0 /
* MR-65	Trench - quartz-barite vein & vols.	O	0.5 m	500	840.0 /
MR-66	Quartz vein	F		10	3.3
MR-67	Quartz vein	F		5	3.6
MR-68	Quartz vein	F		5	2.0
DM-1	Quartz-barite vein	O	30 cm	5	1.1
M86-4	Trench - massive barite & galena sphalerite, tetrahedrite material	O	grab	425	856.3 /
NT-01	Vein - pyrite, chalcopyrite, galena sphalerite	O	grab	245	35.1
NT-02	Vein - pyrite, chalcopyrite, galena sphalerite	O	grab	135	7.3
NJ-74R	Volcanic rock	O	grab	5	8.9
NJ-75R	Volcanic rock	O	grab	5	0.1
NJ-76R	Volcanic rock	O	grab	5	0.2

APPENDIX IV

ANALYTICAL RESULTS

(VALUES IN PPM)	AG	AS	CU	PR	SB	ZN	AU-PPB
NO-86-1	.2	1	6	60	2	84	5
NO-86-2	.5	1	15	62	2	101	5
NO-86-3	.2	1	10	74	2	96	3
NO-86-4	.5	7	9	88	2	115	5
NO-86-5	.8	6	20	60	3	109	10
NO-86-6	.4	2	10	67	3	93	5
NO-86-7	.2	1	13	64	2	79	5
NO-86-8	.1	7	12	65	3	82	5
NO-86-9	.6	7	20	93	2	96	5
NO-86-10	.4	1	17	63	2	81	5
NO-86-11	.3	1	20	44	2	72	10
NO-86-12	.3	5	14	59	3	84	5
NO-86-13	.6	27	38	91	5	94	5
NO-86-14	.5	12	23	54	3	74	5
NO-86-15	.6	29	17	93	4	105	10
NO-86-16	.6	13	16	107	3	100	10
NO-86-17	.6	32	15	108	4	115	5
NO-86-18	.5	22	14	105	4	119	3
NO-86-19	1.3	15	36	79	4	85	5
NO-86-20	1.2	43	79	58	5	75	5
NO-86-21	.5	11	16	61	4	100	5
NO-86-22	.7	18	26	79	4	101	5
NO-86-23	.5	14	26	105	3	114	5
NO-86-24	.3	2	14	56	3	87	3
NO-86-25	.4	1	12	70	2	85	10
NO-86-26	.7	15	15	65	3	92	35
NO-86-27	.7	11	27	66	3	85	5
NO-86-28	.3	1	9	35	1	72	5
NO-86-29	.5	1	1	18	1	60	5
NO-86-30	.5	1	6	24	1	76	5
NO-86-31	2.9	3	354	126	12	115	1680
NO-86-32	.5	8	8	61	3	99	10
NO-86-33	.4	11	10	55	2	81	10
NO-86-34	.8	14	14	79	2	96	5
NO-86-35	.2	1	8	39	1	56	5
NO-86-36	1.0	10	23	117	1	200	10
NO-86-37	.4	19	24	55	3	85	5
NO-86-38	.6	17	55	59	3	73	5
NO-86-39	N/S						
NO-86-40	.9	21	135	78	3	90	5
NO-86-41	.7	12	71	59	2	83	10
NO-86-42	.8	25	53	66	3	90	5
NO-86-43	.7	13	182	60	2	76	5
NO-86-44	.9	34	184	67	3	80	5
NO-86-45	.5	37	225	83	5	76	3
NO-86-46	1.0	35	50	77	5	91	5
NO-86-47	1.3	44	188	79	3	84	40
NO-86-48	1.0	50	89	90	7	97	10
NO-86-49	.9	45	66	82	7	104	300
NO-86-50	.9	14	97	56	3	86	105
NO-86-51	.9	24	70	54	5	83	75
NO-86-52	.9	22	81	64	5	69	40
NO-86-53	1.1	31	66	76	5	79	5
NO-86-54	.8	34	77	68	5	74	5
NO-86-55	1.2	39	107	66	6	76	15
NO-86-56	1.9	36	97	85	5	76	3
NO-86-57	1.3	50	78	78	6	91	5
NO-86-58	1.1	48	61	80	8	67	5
NO-86-59	1.3	58	115	87	7	96	5
NO-86-60	1.3	58	86	89	7	92	10

PROJECT NO: N-86

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

FILE NO: 6-642A/P3+4

ATTENTION: D.L. COOKE

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

\* TYPE SOIL GEOCHEM \* DATE: AUGUST 27, 1986

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
NO-86-61	N/S						
NO-86-62	N/S						
NO-86-63	1.4	83	274	99	4	82	5
NO-86-64	.5	42	55	70	3	71	10
NO-86-65	.8	46	229	67	3	70	5
NO-86-66	1.0	45	39	63	2	73	10
NO-86-67	.8	84	26	80	6	72	5
NO-86-68	1.1	63	247	99	5	87	3
NO-86-69	1.1	79	69	72	5	68	15
NO-86-70	.9	70	101	115	5	69	20
NO-86-71	.7	31	31	69	3	66	15
NO-86-72	.7	30	44	58	3	59	15
NO-86-73	.9	55	51	62	5	66	5
NO-86-74	2.3	74	132	59	7	64	5
NO-86-75	1.0	88	69	74	6	84	15
NO-86-76	.9	91	58	75	6	83	20
NO-86-77	.9	70	49	64	5	77	5
NO-86-78	.8	27	36	52	3	75	5
NO-86-79	.9	42	54	58	4	67	5
NO-86-80	1.5	42	57	53	4	75	20
NO-86-81	.6	20	32	60	3	92	60
NO-86-82	.7	22	38	55	2	79	40
NO-86-83	.7	11	23	52	2	78	5
NO-86-84	.7	19	41	71	2	102	5
NO-86-85	.7	25	25	57	2	77	5
NO-86-86	.9	20	33	61	2	78	5
NO-86-87	.6	2	13	42	2	72	5
NO-86-88	.7	1	14	24	1	62	5
NO-86-89	.7	16	11	55	3	74	5
NO-86-90	.6	9	21	60	1	86	5
NO-86-91	.7	9	37	60	1	83	3
NO-86-92	.7	21	21	69	2	94	180
NO-86-93	.6	10	16	67	1	91	90
NT-86-1	.7	33	39	64	3	76	15
NT-86-2	.6	14	70	49	2	53	80
NT-86-3	.7	29	55	63	3	66	5
NT-86-4	.9	14	98	61	2	69	5
NT-86-5	1.0	45	66	58	5	75	5
NT-86-6	.6	17	33	64	4	82	3
NT-86-7	.7	44	87	62	5	106	5
NT-86-8	.8	56	45	68	6	61	5
NT-86-9	.9	33	79	57	5	59	3
NT-86-10	.9	20	56	49	4	60	5
NT-86-11	.7	14	28	59	3	49	10
NT-86-12	.5	16	116	48	3	50	5
NT-86-13	.8	20	123	47	3	52	5
NT-86-14	.7	10	32	41	2	41	10
NT-86-15	.7	20	135	61	4	57	15
NT-86-16	1.1	46	114	68	6	62	5
NT-86-17	.8	33	209	61	4	79	3
NT-86-18	1.2	28	96	54	4	69	5
NT-86-19	1.0	15	75	51	4	68	5
NT-86-20	.9	24	43	54	6	68	15
NT-86-21	1.1	60	102	77	9	73	20
NT-86-22	1.1	22	106	62	3	66	3
NT-86-23	1.0	34	67	70	6	52	5
NT-86-24	.7	49	65	93	7	72	5
NT-86-25	.7	17	31	46	4	47	5
NT-86-26	.9	12	30	56	5	43	5
NT-86-27	.8	23	34	61	5	54	5

PROJECT NO: N-86

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

FILE NO: 6-642A/P5+6

ATTENTION: D.L. COOKE

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

\* TYPE SOIL GEOCHEM \*

DATE: AUGUST 27, 1986

(VALUES IN PPM)	AS	CU	PR	SB	ZN	AL-PPB	
NT-86-28	.6	30	38	43	3	51	5
NT-86-29	.6	37	46	51	3	66	40
NT-86-30	.5	21	38	35	2	44	5
NT-86-31	.9	13	93	40	2	52	10
NT-86-32	1.1	61	97	55	4	70	5
NT-86-33	1.1	70	67	63	4	64	60
NT-86-34	.9	44	52	52	3	56	10
NT-86-35	.8	55	42	50	4	61	5
NT-86-36	.7	42	44	51	3	71	5
NT-86-37	.9	44	87	71	3	81	20
NT-86-38	.2	1	30	3	1	26	5
NT-86-39	.5	30	35	47	2	59	5
NT-86-40	.4	17	19	47	1	52	10
NT-86-41	.3	27	38	37	2	48	25
NT-86-42	3.9	58	77	107	4	140	40
NT-86-43	.8	35	44	51	3	58	5
NT-86-44	1.0	23	105	46	1	70	15
NT-86-45	1.4	72	129	98	5	116	15
NT-86-46	14.2	115	543	4355	25	11464	280
NT-86-47	1.9	56	255	147	4	211	10
NT-86-48	2.0	57	145	209	5	413	40
NT-86-49	1.7	52	150	167	4	395	10
NT-86-50	2.4	177	370	125	11	223	15
NT-86-51	4.1	262	771	154	20	303	35
NT-86-52	.9	29	84	65	2	162	5
NT-86-53	.9	34	45	55	2	97	10
NT-86-54	1.0	75	135	95	6	98	15
NT-86-55	.9	43	76	121	5	218	5
NT-86-56	.5	11	14	34	1	80	5
NT-86-57	.4	1	6	25	1	40	5
NT-86-58	.5	40	13	47	5	104	5
NT-86-59	.2	41	12	54	4	104	5
NT-86-60	.5	37	12	48	3	100	10
NT-86-61	.3	20	10	43	2	114	3
NT-86-62	.5	59	16	55	4	89	5
NT-86-63	.7	1	16	29	1	77	10
NT-86-64	.9	30	10	33	1	110	5
NT-86-65	.5	19	9	39	1	76	3
NT-86-66	.6	16	11	27	1	72	5
NT-86-67	.9	2	13	16	1	87	5
NT-86-68	.5	19	18	25	1	64	5
NT-86-69	.6	14	17	20	1	77	5
NT-86-70	1.1	22	19	24	1	91	10
NT-86-71	1.1	5	14	11	1	94	3
NT-86-72	.9	8	13	14	1	83	5
NT-86-73	1.0	10	12	24	1	107	5
NT-86-74	1.0	15	11	20	1	84	10
NT-86-75	1.0	1	18	21	1	79	5
NT-86-76	.6	1	14	23	1	67	3
NT-86-77	1.1	17	22	15	1	88	5
NT-86-78	.9	15	19	19	1	82	5
NT-86-79	.8	28	20	12	1	74	5
NT-86-80	.8	12	16	6	1	69	5
NT-86-81	.2	4	13	11	1	35	3
NT-86-82	.8	23	19	12	1	79	5
NT-86-83	.8	42	20	14	1	71	10
NT-86-84	.5	4	20	17	1	60	5
NT-86-85	.6	15	17	15	1	57	5
NJ-86-1	1.0	6	18	16	1	89	3
NJ-86-2	1.1	10	12	29	1	106	5

(VALUES IN PPM)	AS	AS	CU	PR	SB	ZN	AU-PPB
NJ-86-3	.3	11	9	34	1	84	5
NJ-86-4	.6	1	11	26	1	69	5
NJ-86-5	.6	1	11	12	1	64	10
NJ-86-6	.7	1	11	21	1	67	5
NJ-86-7	.6	1	10	13	1	61	5
NJ-86-8	.6	1	8	27	1	73	5
NJ-86-9	.5	3	7	19	3	62	5
NJ-86-10	.5	1	8	26	1	62	3
NJ-86-11	.3	1	8	17	1	51	5
NJ-86-12	.4	1	5	13	1	45	10
NJ-86-13	.8	1	6	19	1	58	5
NJ-86-14	.5	1	7	21	1	58	5
NJ-86-15	.6	1	8	18	1	61	5
NJ-86-16	.8	3	10	20	1	63	5
NJ-86-17	.4	1	6	25	2	53	5
NJ-86-18	.4	13	6	39	6	66	5
NJ-86-19	.6	9	8	31	6	69	5
NJ-86-20	.7	16	11	26	1	62	5
NJ-86-21	.7	1	9	14	1	65	5
NJ-86-22	.9	1	12	23	1	59	10
NJ-86-23	.7	1	9	21	1	55	5
NJ-86-24	.9	8	13	24	4	69	5
NJ-86-25	.5	9	9	30	4	68	5
NJ-86-26	.5	39	14	45	5	71	10
NJ-86-27	1.0	18	15	24	3	56	5
NJ-86-28	.7	6	13	23	2	66	30
NJ-86-29	.7	15	8	27	4	56	5
NJ-86-30	.5	13	18	27	3	55	5
NJ-86-31	.7	29	14	35	3	67	5
NJ-86-32	.7	39	18	44	5	70	5
NJ-86-33	.8	1	20	44	2	81	5
NJ-86-34	.7	8	25	35	2	67	5
NJ-86-35	.9	1	25	25	1	59	5
NJ-86-36	.5	1	19	23	1	50	5
NJ-86-37	.9	12	23	23	1	68	5
NJ-86-38	.6	2	22	30	1	70	50
NJ-86-39	.4	1	18	25	2	52	5
NJ-86-40	.4	1	13	26	2	50	5
NJ-86-41	.6	5	15	32	3	59	5
NJ-86-42	.9	6	11	35	4	66	5
NJ-86-43 40M	1.0	18	12	24	4	76	3
NJ-86-44	.9	6	8	38	4	61	5
NJ-86-45	.7	1	10	27	2	67	40
NJ-86-46	.7	1	10	31	2	59	5
NJ-86-47	.6	1	8	31	3	56	5
NJ-86-48	.7	14	8	33	4	65	10
NJ-86-49	.6	8	13	40	3	70	5
NJ-86-50	1.0	1	11	30	1	74	5
NJ-86-51	1.1	35	11	29	4	80	5
NJ-86-52	.7	1	7	31	2	64	5
NJ-86-53	.5	22	15	50	5	65	10
NJ-86-54	.4	1	9	30	3	55	5
NJ-86-55	.5	10	10	39	4	72	5
NJ-86-56	.5	5	8	35	3	75	5
NJ-86-57	.6	15	16	50	4	76	5
NJ-86-58	.5	13	14	47	4	68	5
NJ-86-59	.7	20	12	39	4	76	10
NJ-86-60	.6	1	9	31	3	75	5
NJ-86-61	.6	5	13	35	2	72	5
NJ-86-62	.8	1	16	26	2	69	5

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
NJ-86-63	.7	1	11	28	2	60	5
NJ-86-64	.3	1	6	25	3	55	5
NJ-86-65	.6	1	21	20	1	51	5
NJ-86-66	.5	8	11	35	3	82	10
NJ-86-67	.5	35	9	45	4	83	5
NJ-86-68	.7	14	12	43	2	76	5
NJ-86-69	.5	15	10	39	2	75	5
NJ-86-70	.6	7	12	33	2	80	5
NJ-86-71	1.0	18	11	31	1	79	10
NJ-86-72	.4	3	11	26	2	71	5
9+00S 7+00E	.5	4	8	25	8	64	5
9+00S 7+25E	.5	3	8	23	11	57	5
9+00S 7+50E	.5	25	5	31	15	76	5
9+00S 7+75E	N/S						
9+00S 8+00E	.5	10	10	37	7	63	5
9+00S 8+25E	.5	23	9	49	10	70	5
9+00S 8+50E	.6	24	7	40	10	66	5
9+00S 8+75E	.6	46	10	29	11	59	5
9+00S 9+00E	.5	34	10	29	9	61	10
9+00S 9+25E	.6	21	11	31	11	66	10
9+00S 9+50E	.7	37	12	35	10	75	5
9+00S 9+75E	.9	152	12	29	14	80	25
9+00S 10+00E	.6	50	10	31	18	70	15
9+00S 10+25E	.5	28	8	30	10	58	10
9+00S 10+50E	.5	33	7	33	10	64	5
9+00S 10+75E	.5	32	7	34	11	77	5
9+00S 11+00E	.7	21	10	34	8	68	15
9+00S 11+25E	.6	19	12	35	9	72	5
9+00S 11+50E	2.1	22	10	33	8	77	5
10+00S 6+50E	.4	7	6	24	26	42	5
10+00S 6+75E	.6	6	11	28	11	55	5
10+00S 7+00E	.5	3	7	33	7	76	5
10+00S 7+25E	.3	1	6	28	8	50	10
10+00S 7+50E	.5	14	8	29	10	64	5
10+00S 7+75E	.5	19	8	39	11	76	5
10+00S 8+00E	.3	11	7	22	9	52	10
10+00S 8+25E	.6	29	8	34	10	66	5
10+00S 8+50E	.6	11	9	31	8	68	5
10+00S 8+75E	.6	26	9	33	9	66	5
10+00S 9+00E	.7	26	8	40	10	70	15
10+00S 9+25E	.9	30	10	41	16	81	5
10+00S 9+50E	1.1	39	9	28	6	75	5
10+00S 9+75E	.9	9	8	24	4	74	10
10+00S 10+00E	.8	39	8	38	6	79	5
10+00S 10+25E	.9	17	8	29	4	76	5
10+00S 10+50E	1.0	8	11	25	1	89	5
10+00S 10+75E	.7	17	9	42	5	89	5
10+00S 11+00E	.9	13	15	35	4	95	5
10+00S 11+25E	.9	11	9	29	4	90	5
10+00S 11+50E	.8	7	8	33	4	73	5
11+00S 5+00E	1.1	1	18	16	1	85	5
11+00S 5+25E	.7	1	11	22	1	76	10
11+00S 5+50E	1.2	13	14	23	1	96	5
11+00S 5+75E	.7	3	13	24	1	93	5
11+00S 6+00E	.7	3	10	23	4	71	5
11+00S 6+25E	.6	1	10	33	3	71	5
11+00S 6+50E	.8	1	9	30	3	75	5
11+00S 6+75E	.7	1	10	23	2	60	5
11+00S 7+00E	.7	1	9	25	4	67	5
11+00S 7+25E	.7	1	11	19	4	66	5

PROJECT NO: N-86

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

FILE NO: 6-642A/P11+12

ATTENTION: D.L. COOKE

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

\* TYPE SOIL GEOCHEM \*

DATE: AUGUST 27, 1986

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
11+00S 7+50E	.7	14	12	31	5	97	5
11+00S 7+75E	.5	6	8	30	4	79	5
11+00S 8+00E	.5	8	9	29	6	69	10
11+00S 8+25E	.4	1	11	22	2	79	5
11+00S 8+50E	.5	8	9	37	4	76	5
11+00S 8+75E	.5	12	11	27	5	77	30
11+00S 9+00E	.5	15	10	27	5	70	5
11+00S 9+25E	.5	13	7	32	6	64	5
11+00S 9+50E	.6	20	8	27	8	68	5
11+00S 9+75E	.5	23	7	28	8	71	5
11+00S 10+00E	.6	14	8	34	8	68	10
11+00S 10+25E	.5	10	7	24	7	67	5
11+00S 10+50E	.5	4	9	25	5	52	5
11+00S 10+75E	.5	1	10	27	4	57	15
11+00S 11+00E	.7	25	11	32	8	76	5
11+00S 11+25E	.6	17	10	21	6	65	5
11+00S 11+50E	1.1	26	11	31	5	93	10
12+00S 3+50E	.7	1	10	28	1	70	5
12+00S 3+75E	1.0	10	11	20	1	84	5
12+00S 4+00E	.8	8	15	30	1	76	5
12+00S 4+25E	.7	1	19	23	1	74	3
12+00S 4+50E	.4	5	15	27	2	67	5
12+00S 4+75E	.7	6	14	41	2	70	5
12+00S 5+00E	.9	1	12	21	1	70	10
12+00S 5+25E	1.0	2	13	26	1	77	5
12+00S 5+50E	1.0	1	12	20	1	77	5
12+00S 5+75E	.9	1	11	25	1	76	5
12+00S 6+00E	1.1	15	15	14	1	79	3
12+00S 6+25E	.8	12	13	15	1	75	5
12+00S 6+50E	.8	5	11	35	2	81	5
12+00S 6+75E	.9	1	12	24	1	80	5
12+00S 7+00E	.8	1	9	31	3	80	5
12+00S 7+25E	.7	1	13	30	2	81	5
12+00S 7+50E	.9	1	15	36	1	94	10
12+00S 7+75E	.7	1	15	25	3	83	5
12+00S 8+00E	.5	1	9	33	5	67	5
12+00S 8+25E	.5	1	12	34	5	65	10
12+00S 8+50E	.4	1	9	25	8	50	5
12+00S 8+75E	.2	1	10	23	6	47	5
12+00S 9+00E	.8	1	16	27	4	75	5
12+00S 9+25E	.3	1	10	31	6	50	5
12+00S 9+50E	.4	1	10	24	6	62	10
12+00S 9+75E	.5	1	15	35	4	62	10
12+00S 10+00E	.7	1	15	19	3	62	5
12+00S 10+25E	.4	1	12	37	6	57	5
12+00S 10+50E	.8	24	10	50	10	58	5
12+00S 10+75E	1.3	29	19	41	6	58	5
12+00S 11+00E	.8	17	17	46	7	56	5
12+00S 11+25E	.9	21	14	58	7	60	5
12+00S 11+50E	.5	4	13	50	6	49	10
13+00S 1+50E	.9	25	35	75	7	63	5
13+00S 1+75E	1.3	5	19	50	6	69	5
13+00S 2+00E	.7	11	8	65	6	57	10
13+00S 2+25E	.7	1	20	62	6	67	5
13+00S 2+50E	.9	23	46	82	7	87	5
13+00S 2+75E	.8	10	13	66	6	73	5
13+00S 3+00E	.9	1	5	75	6	65	5
13+00S 3+25E	.8	15	10	82	6	101	5
13+00S 3+50E	.6	1	7	63	5	92	5
13+00S 3+75E	1.3	12	10	90	5	104	5



(VALUES IN PPM)	AG	AS	CU	PR	SB	ZN	AU-PPB
13+00S 4+00E	1.1	1	5	20	3	59	5
13+00S 4+25E	1.2	3	11	27	1	77	5
13+00S 4+50E	.8	1	9	26	3	66	5
13+00S 4+75E	.8	9	12	30	2	85	10
13+00S 5+00E	.6	1	10	28	2	81	5
13+00S 5+25E	.4	7	10	32	3	75	5
13+00S 5+50E	.8	1	9	25	2	70	5
13+00S 5+75E	.6	1	6	34	3	74	5
13+00S 6+00E	.8	1	10	24	3	82	5
13+00S 6+25E	.8	1	11	39	3	72	15
13+00S 6+50E	.8	1	8	30	3	64	5
13+00S 6+75E	.7	1	9	29	3	62	5
13+00S 7+00E	.8	18	12	34	4	86	10
13+00S 7+25E	.8	3	15	41	5	89	5
13+00S 7+50E	.5	10	11	32	5	70	5
13+00S 7+75E	.4	12	7	21	5	63	5
13+00S 8+00E	.6	1	10	21	4	55	5
13+00S 8+25E	.4	1	11	27	4	64	5
13+00S 8+50E	.4	17	15	21	4	71	3
13+00S 8+75E	.7	16	13	25	5	59	5
13+00S 9+00E	.7	25	15	32	5	71	5
13+00S 9+25E	.5	1	13	24	4	52	5
13+00S 9+50E	.8	24	14	32	4	65	5
13+00S 9+75E	.8	21	17	19	4	68	5
13+00S 10+00E	.9	16	22	15	4	67	10
13+00S 10+25E	.8	20	33	25	3	69	5
13+00S 10+50E	.8	8	27	20	3	69	5
13+00S 10+75E	.8	1	17	30	3	55	5
13+00S 11+00E	.9	10	33	19	3	72	5
13+00S 11+25E	.8	11	28	36	3	68	5
13+00S 11+50E	.4	1	32	19	2	59	5
14+00S 8+00E	.3	7	38	27	2	72	10
14+00S 8+25E	.4	33	29	24	2	80	5
14+00S 8+50E	.4	4	27	23	2	65	5
14+00S 8+75E	.7	1	28	23	1	54	5
14+00S 9+00E	.4	7	32	15	1	70	5
14+00S 9+25E	.4	6	25	19	1	70	5
14+00S 9+50E	.5	8	39	5	1	56	5
14+00S 9+75E	.4	4	37	5	1	63	3
14+00S 10+00E	.4	1	33	16	1	62	5
14+00S 10+25E	.4	1	27	21	1	70	10
14+00S 10+50E	.6	9	27	18	1	83	5
14+00S 10+75E	.6	1	36	22	1	67	5
14+00S 11+00E	.4	2	48	11	1	69	5
14+00S 11+25E	.5	2	48	8	1	69	5
14+00S 11+50E	.4	5	22	33	3	78	10
15+00S 7+50E	.5	7	36	10	1	61	5
15+00S 7+75E	.4	3	22	15	1	66	5
15+00S 8+00E	.4	1	22	20	2	64	5
15+00S 8+25E	.4	6	31	15	1	66	3
15+00S 8+50E	.5	16	23	23	2	74	5
15+00S 8+75E	.4	23	32	25	2	72	5
15+00S 9+00E	.4	3	32	21	1	72	10
15+00S 9+25E	.3	13	30	10	2	67	5
15+00S 9+50E	.4	8	28	24	1	67	5
15+00S 9+75E	.4	9	30	22	1	68	5
15+00S 10+00E	.6	1	21	26	1	64	10
15+00S 10+25E	.6	1	37	22	1	70	5
15+00S 10+50E	.5	7	34	24	1	64	5
15+00S 10+75E	.4	5	30	15	2	67	5

PROJECT NO: N-86

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

FILE NO: 6-642A/P15

ATTENTION: D.L. COOKE

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

\* TYPE SOIL GEOCHEM \* DATE: AUGUST 27, 1986

(VALUES IN PPM )	AG	AS	CU	PB	SB	ZN	AU-PPB
15+00S 11+00E	.4	10	27	21	1	78	5
15+00S 11+25E	.5	7	29	30	2	75	10
15+00S 11+50E	1.0	24	26	23	1	102	5
16+00S 7+50E	.6	6	32	27	1	69	5
16+00S 7+75E	.5	3	36	15	1	74	5
16+00S 8+00E	.5	18	27	27	1	74	3
16+00S 8+25E	.5	5	33	25	1	63	5
16+00S 8+50E	.4	1	30	12	1	56	5
16+00S 8+75E	.9	9	63	22	1	77	10
16+00S 9+00E	.6	1	41	29	1	68	5
16+00S 9+25E	.6	1	20	11	1	81	5
16+00S 9+50E	.6	1	24	21	1	69	5
16+00S 9+75E	.2	1	17	16	2	58	10
16+00S 10+00E	.6	1	15	17	1	66	10
16+00S 10+25E	.7	11	13	17	1	64	5
16+00S 10+50E	.6	1	14	22	1	64	5
16+00S 10+75E	.9	8	17	21	1	81	5
16+00S 11+00E	.7	1	13	9	1	75	10
16+00S 11+25E	1.1	20	16	11	1	76	3
16+00S 11+50E	.9	1	19	26	1	82	5

**MIN-EN LABORATORIES LTD.**

*Specialists in Mineral Environments*

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

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

TELEX: VIA USA 7601067 UC

**Certificate of GEOCHEM**

Company: WESTERN PREMIUM RESOURCE  
Project: MESS  
Attention: D.L. COOKE

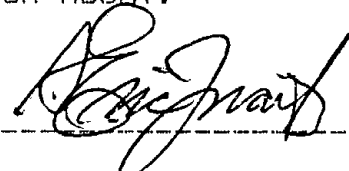
File: 6-590/P1  
Date: AUGUST 20/86  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AU PPB
DMI	1.1	5
MR 4	0.9	5
MR 5	1.1	5
MR 11	5.5	5
MR 12	530.0	835
MR 18	2.8	5
MR 19	1.0	10
MR 23	1.2	5
MR 24	3.7	5
MR 25	1.4	5
MR 27	38.6	30
MR 28	6.4	10
MR 29	1.4	225
MR 30	4.2	80
MR 31	0.8	15
MR 32	1.9	5
MR 33	2.1	10
MR 34	0.4	5
MR 35	0.4	5
MR 36	1.9	530
MR 37	19.8	25
MR 38	1.6	10
MR 39	1.0	5
MR 40	0.4	5
MR 41	0.9	5
MR 42	2.3	10
MR 43	1.4	5
MR 44	5.3	5
MR 45	0.3	5
MR 46	11.4	25

\*SOME OF THESE SAMPLES SHOULD HAVE BEEN REQUESTED FOR ASSAY.

Certified by \_\_\_\_\_



MIN-EN LABORATORIES LTD.

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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

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

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: WESTERN PREMIUM RESOURCE  
Project: MESS  
Attention: D.L. COOKE

File: 6-590/P2  
Date: AUGUST 20/86  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AU PPB
MR 47	3.1	10
MR 48	19.8	35
MR 49	33.6	25
MR 50	0.6	5
MR 51	0.5	5
MR 52	2.7	10
MR 53	3.3	25
MR 54	0.5	30
MR 55	5.2	15
MR 56	8.4	15
MR 57	0.5	10
MR 58	0.6	5
MR 59	1.2	5
MR 60	3.4	15
MR 61	1.3	275
MR 62	2000.0	350
MR 63	64.0	30
MR 64	495.0	265
MR 65	840.0	500
MR 66	3.3	10
MR 67	3.6	5
MR 68	2.0	5

\*SOME OF THESE SAMPLES SHOULD HAVE BEEN REQUESTED FOR ASSAY.

Certified by



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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

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

TELEX: 04-352828

Certificate of GEOCHEM

Company: WESTERN PREMIUM RESOURCE CORP.

File: 6-540

Project:

Date: AUGUST 1/86

Attention: D.L. COOKE

Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AU PPB
M86-1 23486	2.2	5
M86-2 23487	16.4	5
M86-3 23488	2.6	10
M86-4 23489		425 ✓

Certified by \_\_\_\_\_

MIN-EN LABORATORIES LTD.

PROJECT NO: N-86

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

FILE NO: 6-642A

ATTENTION: D.L. COOKE

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

\* TYPE ROCK BEDDEN \*

DATE: AUGUST 25, 1986

(VALUES IN PPM )	AG	AS	CU	PB	SB	ZN	AU-PPB
NT-86-01	35.1 ✓	101	3798	13816	136	106155	245 ✓
NT-86-02	7.3 ✓	83	859	590	23	1835	135 ✓
NJ-86-74R	8.9	2	1362	122	1	520	5
NJ-86-75R	.1	4	24	28	1	135	5
NJ-86-76R	.2	8	23	30	1	99	3

COMPANY: WESTERN PREMIUM RESOURCE CORP.

MIN-EN LABS ICP REPORT

(ACT:GEO27) PAGE 1 OF 1

PROJECT NO:

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

FILE NO: 6-540

ATTENTION: D.L. COOKE

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

\* TYPE ROCK GEOCHEM \* DATE: AUGUST 1, 1986

(VALUES IN PPM)	AS	AS	BA	CU	PB	ZN
M86-4 23489	856.3	53	534	3731	52669	17435

PROJECT NO: MESS

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

FILE NO: 6-590

ATTENTION: D.L. COOKE

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

\* TYPE HM NON MAG \*

DATE: AUGUST 25, 1986

(VALUES IN PPM )	AG	AS	CU	PB	SB	ZN	AU-PPB	HM%
MH-1	1.6	29	73	3	8	63	10	1.17
MH-2	.8	38	29	21	5	54	5	4.97
MH-3	1.6	87	23	57	13	70	5	4.57
MH-1	1.1	96	15	104	40	92	10	8.21
MH-2	1.3	95	14	107	28	75	5	14.42
MH-3	1.8	107	20	104	28	90	5	16.18
MH-4	1.3	95	14	96	27	74	15	11.16
MH-5	6.2	110	24	118	66	110	7500	5.07
MH-6	1.8	70	21	96	29	64	5	4.26
MH-7	3.3	83	175	108	25	380	35	3.49
MH-8	.2	29	39	29	5	53	15	6.52
MH-9	1.4	128	22	107	110	97	40	4.76
MH-10	.6	48	40	39	10	38	5	5.09
MH-11	4.3	56	229	292	6	207	70	5.87
MH-12	1.2	91	15	116	30	69	30	6.44
MH-13	1.2	112	12	113	49	82	5	4.20



PROJECT NO:

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

FILE NO: 6-540S/P7+8

ATTENTION: D.L. COOKE

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

\* TYPE SOIL GEOCHEM \* DATE: AUGUST 8, 1986

(VALUES IN PPM)	AG	AS	B	CU	PB	ZN	AU-PPB
1000S 350W	.1	1	11	137	58	90	10
1000S 325W	.1	2	14	25	51	103	5
1000S 300W	.1	1	7	5	37	61	5
1000S 275W	.1	26	22	16	112	142	5
1000S 250W	.1	1	6	14	40	60	5
1000S 225W	.1	1	6	6	31	55	10
1000S 200W	.5	1	8	11	39	37	5
1000S 175W	.1	18	18	77	71	95	20
1000S 150W	1.9	24	19	67	117	84	10
1000S 125W	3.8	20	21	86	97	60	15
1000S 100W	1.6	18	19	42	59	64	5
1000S 75W	.8	8	16	32	40	56	10
1000S 50W	5.2	22	13	89	129	171	150
1000S 25W	.9	10.5	3	28	42	80	20
1000S 00W	.7	3.0	2	15	33	81	10
1050S 00	.5	10	10	15	29	55	10
1100S 300W	.4	1	6	4	30	44	5
1100S 00	.1	20	6	36	48	93	5
1150S 00	.2	10	15	12	33	51	3
1200S 00	.5	30	17	31	41	69	5
1200S 25E	.1	10	11	12	31	62	5
1200S 50E	.3	1	8	12	26	41	10
1200S 75E	.4	8	6	12	30	57	5
1200S 100E	1.1	34	27	111	62	50	10
1200S 125E	1.1	16	20	21.3	52	54	10
1200S 150E	.7	23	20	109	56	67	25
1200S 175E	1.8	10	30	190	130	86	20
1200S 200E	.5	1	24	11	32	50	5
1200S 225E	.5	1	20	8	36	49	5
1200S 250E	.3	1	32	9	22	42	5
1200S 275E	.2	1	20	11	22	37	10
1200S 300E	.1	1	18	12	15	35	5
1200S 325E	.1	1	16	7	19	34	3
1200S 350E	.2	1	24	13	14	41	5
1225S 10E	1.3	1.1	8	21	63	186	50
1250S 00	.1	20	2	14	35	74	5
1300S 00	.3	20	11	38	55	74	5
1350S 00	.7	19	11	53	144	135	10
1400S 175W	1.5	1.0	17	102	64	71	3
1400S 150W	1.3	25	17	63	53	64	10
1400S 125W	1.1	1.0	17	73	46	51	5
1400S 100W	.6	24	17	47	53	57	3
1400S 75W	.5	14	17	35	44	51	5
1400S 50W	.4	20	17	48	43	62	20
1400S 25W	.1	19	8	19	47	71	10
1400S 00W	.6	23	13	29	50	72	10
1450S 00	.5	34	18	67	48	58	10
1500S 00	.1	31	23	13.5	62	55	10
1550S 00	1.2	1.0	17	79	57	58	15
1600S 00	.3	13	8	17	42	50	5
1650S 00	.5	20	14	35	43	66	5
1700S 00	.4	11	15	51	43	45	5
1700S 25W	.4	9	14	41	36	52	5
1700S 50W	.6	8	14	57	38	49	5
1700S 75W	.6	11	13	35	36	41	10
1700S 100W	.3	15	12	28	43	51	5
600S 600E(EXTRA)	.1	29	8	9	25	41	5
600S 800E(EXTRA)	.1	1	23	10	28	60	5
600S 950E(EXTRA)	.1	1	10	9	22	44	5

PROJECT NO:

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

FILE NO: 6-540S/PS+6

ATTENTION: D.L.COOKE

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

\* TYPE SOIL GEOCHEM \* DATE:AUGUST 8, 1986

(VALUES IN PPM)	AG	AS	R	CU	PB	ZN	AU-PPB
100S 675E	.3	1	26	18	29	52	10
100S 725E	.2	1	19	12	21	43	5
100S 750E	.5	1	27	15	26	48	5
100S 775E	.7	1	19	16	25	53	20
200S 25E	.5	23	14	9	51	66	10
200S 50E	.5	10	12	8	35	62	10
200S 75E	.9	3	24	19	38	65	5
200S 100E	.5	8	19	11	34	66	5
200S 125E	.4	8	22	20	47	67	5
200S 625E	.5	1	21	16	29	40	5
200S 650E	.4	1	30	15	27	42	10
200S 675E	.6	1	25	17	28	49	30
200S 700E	.5	1	30	20	30	59	5
200S 725E	.6	1	25	13	27	59	5
200S 750E	.5	1	28	15	21	54	5
200S 775E	.7	1	25	16	21	49	15
200S 800E	.4	1	22	15	25	53	5
100S 200E	.6	12	12	11	31	63	50
100S 225E	.4	13	23	11	47	72	10
100S 250E	.5	4	25	11	34	61	20
100S 275E	.7	4	26	14	38	70	10
100S 300E	.9	2	21	12	35	55	5
100S 325E		1	9	8	26	23	70
100S 350E	.8	5	11	11	28	67	20
100S 375E	.4	1	23	16	29	44	10
100S 400E	.7	1	23	13	23	48	10
300S 25E		29	25	48	73	90	5
300S 50E	.5	15	4	7	32	45	10
300S 75E		10	17	16	40	56	20
300S 100E	.6	7	13	10	35	47	30
300S 125E	.2	3	8	9	34	49	5
400S 25E		28	21	83		211	15
400S 50E	.5	7	7	26	39	54	10
400S 75E	.7	18	13	25	62	70	5
400S 100E	.6	21	18	19	59	90	5
400S 125E	.6	1	14	9	27	59	5
500S 00			25	96		226	
500S 25E			22	49		132	15
500S 50E	.9		28	46		153	10
500S 75E	.8		27		91	145	5
500S 100E		27	25	73		121	10
500S 125E			23				60
550S 600E	.9	1	29	17	33	62	
550S 700E	.8	1	36	15	36	54	5
550S 800E	.9	1	25	12	37	60	5
550S 950E	.7	1	25	13	31	67	5
650S 600E	.8	30	23	9	43	77	3
650S 700E	.9	25	15	8	33	61	5
650S 800E	.7	1	30	13	25	67	10
650S 950E	.7	1	25	12	27	64	5
700S 600E	.6	1	30	13	22	47	5
700S 700E			23	11	46	90	5
700S 800E			22	12	54	78	5
700S 950E	.6	25	23	4	31	44	5
800S 300W	.3	18	15	22	62	87	5
800S 275W	.6	13	17	16	56	65	10
800S 250W	.7	14	17	20	38	72	5
900S 300W	.3	12	16	6	63	91	5
1000S 400W	.1	22	14	10		127	5
1000S 375W	.2	2	7	6	53	55	5

PROJECT NO:

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

FILE NO: 6-5405/P3+4

ATTENTION: D.L. COOKE

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

\* TYPE SOIL GEOCHEM \* DATE: AUGUST 8, 1986

(VALUES IN PPM)	AG	AS	B	CU	PB	ZN	AU-PPB
300N 425E	.6	19	27	33	33	52	5
300N 450E	.4	4	23	53	28	48	5
300N 475E	.2	1	20	43	35	44	5
300N 500E	.5	1	32	17	32	59	10
300N 525E	.6	3	23	55	38	54	85
300N 550E	.2	9	26	13	29	51	5
300N 575E	.5	1	22	15	31	48	10
250N 00	.4	1	25	22	41	58	5
200N 200W	.5	11	20	15	53	68	15
200N 175W	.5	1	20	16	38	77	5
200N 150W	.6	19	19	16	53	65	5
200N 125W	.3	23	25	19	40	59	10
200N 100W	.5	5	24	22	40	64	5
200N 75W	.5	12	21	19	51	73	5
200N 50W	.6	9	19	13	45	69	5
200N 25W	.7	7	18	15	41	90	10
200N 00	.7	5	22	13	40	79	15
200N 25E	.6	4	31	19	47	76	5
200N 50E	.6	1	25	11	35	60	10
200N 75E	.8	1	23	14	35	59	10
200N 100E	.7	4	19	11	42	68	5
200N 125E	.8	14	16	21	60	53	5
200N 150E	.6	1	28	16	37	75	5
200N 175E	.7	1	25	15	30	61	5
200N 200E	.7	1	27	16	34	53	5
200N 225E	.4	6	25	8	38	68	15
200N 250E	.5	17	23	9	33	60	5
200N 275E	.7	21	22	12	28	51	5
200N 300E	.8	21	18	9	25	47	10
200N 325E	.7	11	22	15	33	52	5
200N 350E	.3	1	23	7	36	48	10
200N 375E	.2	16	24	9	41	56	10
200N 400E	.7	5	25	15	30	52	15
200N 425E	.6	1	31	15	31	67	10
200N 450E	.6	2	19	11	31	56	5
200N 475E	.4	1	30	15	32	59	10
200N 500E	.6	1	31	13	28	53	20
200N 525E	.5	3	21	10	28	66	5
200N 550E	.7	2	16	9	38	43	5
200N 575E	.6	3	27	14	33	57	10
150N 00	.6	8	18	11	41	57	10
100N 200W	.5	1	17	12	31	55	10
100N 175W	.6	9	19	15	48	78	5
100N 150W	.7	11	16	11	49	83	80
100N 125W	.3	8	18	11	42	80	20
100N 100W	.3	4	13	14	44	82	30
100N 75W	.5	3	23	11	43	76	20
100N 50W	.7	1	29	11	28	57	5
100N 25W	.6	1	26	16	30	54	10
00N 625E	.8	1	26	10	37	64	40
00N 675E	.7	23	22	23	52	93	10
00N 725E	.4	1	22	21	28	59	30
00N 775E	.5	1	28	19	25	58	10
100S 25E	.5	15	15	10	39	60	20
100S 50E	.7	1	33	11	23	59	5
100S 75E	.8	3	22	10	33	57	5
100S 100E	.6	5	24	10	28	53	5
100S 125E	.9	8	26	12	34	55	10
100S 625E	.7	4	24	18	33	57	5
100S 650E	.7	2	28	20	33	59	5

PROJECT NO:

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

FILE NO: 6-5409/P1+2

ATTENTION: D.L. COOKE

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

\* TYPE SOIL GEOCHEM \* DATE: AUGUST 8, 1986

(VALUES IN PPM)	AG	AS	B	CU	PB	ZN	AU-PPB
400N 200M	.1	1	17	16	33	78	5
400N 175M	.4	12	15	9	49	67	10
400N 150M	.6	13	17	16	39	63	5
400N 125M	.9	65	29	20	99	94	5
400N 100M	.5	13	26	24	54	88	20
400N 75M	.2	5	24	21	48	77	5
400N 50M	.5	10	25	18	49	106	5
400N 25M	.3	7	24	17	43	82	10
400N 00	.8	5	26	21	41	77	10
400N 25E	.5	2	22	22	33	63	5
400N 50E	.6	10	25	21	49	74	20
400N 75E	.6	9	29	15	38	69	25
400N 100E	.8	12	19	17	52	63	10
400N 125E	.7	9	26	30	35	70	5
400N 150E	.4	4	19	13	37	70	5
400N 175E	.7	23	23	25	39	64	3
400N 200E	.6	2	22	18	29	70	5
400N 225E	.6	5	23	17	32	56	5
400N 250E	.8	1	28	19	28	62	5
400N 275E	.4	7	17	16	27	49	5
400N 300E	.4	1	27	9	29	54	10
400N 325E	.7	4	23	12	31	56	10
400N 350E	.7	1	33	11	27	35	5
400N 375E	.9	1	20	11	32	46	5
400N 400E 20M	.3	8	10	17	24	30	20
400N 425E	.8	1	20	12	31	43	10
400N 450E	.5	1	28	11	27	51	5
400N 475E	.4	1	16	8	30	48	5
400N 500E	.7	3	13	9	30	49	5
400N 525E	.6	1	26	11	23	50	5
400N 550E	.5	1	23	13	36	56	5
400N 575E	.4	1	35	12	26	54	25
400N 600E	.5	1	29	10	31	61	5
350N 00	.6	14	21	16	53	72	5
350N 600E	1.1	5	26	15	36	66	5
300N 200M	.3	1	18	22	40	58	5
300N 175M	.6	17	22	18	57	84	10
300N 150M	.7	32	22	20	67	78	10
300N 125M	.4	7	15	14	51	76	5
300N 100M	.6	23	19	16	57	69	5
300N 75M	.6	1	26	19	39	72	5
300N 50M	.5	15	24	22	55	63	10
300N 25M	.5	21	25	22	38	71	5
300N 00	.6	14	25	21	36	59	5
300N 25E	.9	13	26	20	45	59	5
300N 50E	.6	6	25	24	42	85	25
300N 75E	.8	17	29	34	40	68	10
300N 100E	.6	1	32	15	40	67	5
300N 125E	.6	8	26	13	30	59	5
300N 150E	.7	11	24	15	38	66	10
300N 175E	.7	1	26	12	32	51	5
300N 200E	.7	14	23	10	29	49	20
300N 225E	.6	6	25	15	31	45	5
300N 250E	.5	1	27	10	28	43	10
300N 275E	.6	1	33	17	30	56	5
300N 300E	.5	8	25	11	34	70	10
300N 325E	.7	10	21	9	26	47	15
300N 350E	.4	1	20	9	36	46	5
300N 375E	.8	29	21	18	32	54	10
300N 400E	.8	32	26	17	30	50	10

PROJECT NO:

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

FILE NO: 6-540

ATTENTION: D.L.COOKE

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

\* TYPE SILT GEOCHEM \* DATE: AUGUST 8, 1986

(VALUES IN PPM)	AG	AS	B	CU	PB	ZN	AU-PPB
00E 295N	.4	7	13	13	39	54	5
400N 143W	.7	18	8	25	49	45	110
200W 285N	.4	6	14	15	36	55	15
300N 74E	.7	7	15	11	33	65	10
300N 176E	.6	7	19	15	36	57	5
300N 278E	.2	1	15	8	26	45	5
250N 280E	.4	22	9	8	23	35	30
250N 250E	.5	22	11	8	34	47	15
350E 270N	.9	27	21	31	51	72	10
350E 260N	.6	15	20	17	39	73	5
360N 480E	.9	21	20	30	46	65	5
275N 275E	.4	2	15	10	32	50	33
600E 700S	.2	11	12	6	24	39	5
800E 692S	.3	7	10	5	30	45	5
400N 336E	.2	1	16	8	33	48	10
125E 350N	.6	13	15	10	28	53	15
200N 380E	.2	7	27	8	33	53	15
225N 125W	.8	20	20	19	38	65	10
225N 150W	.9	13	16	31	65	66	5
225N 170W	.6	19	15	14	55	61	5
00 775E	.3	1	23	21	31	64	10
300W 875S	.1	15	11	30	81	105	10

PROJECT NO:

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

FILE NO: 6-503S/PBC

ATTENTION: C.SAKARELLAS/D.L.COOKE

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

\* TYPE SOIL GEOCHEM \* DATE: JULY 31, 1986

(VALUES IN PPM )	AG	AS	B	CU	PB	ZN	AU-PPB
00E/350S	.4	24	14	15	52	64	5
00E/400S	2.0	30	23	50	197	134	15
00E/450S	.4	45	30	40	98	97	3
100S/175E	.4	11	18	9	26	53	10
200S/175E	.3	15	17	6	34	52	5
1000E/450S	.5	1	30	18	26	53	5
900E/450S	.7	1	27	16	13	44	5
800E/450S	.5	1	35	16	23	51	10
700E/450S	.6	4	28	15	27	51	5
600E/450S	.1	1	28	10	21	48	5
600E/400S	.4	1	21	11	23	40	5
00E/50N	.7	6	17	8	31	55	5

PROJECT NO:

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

FILE NO: 6-503S/P6+7

ATTENTION: C.SAKARELLAS/D.L.SOKE

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

\* TYPE SOIL GEOCHEM • DATE: JULY 31, 1986

(VALUES IN PPM )	AG	AS	B	CU	PB	ZN	AU-PPB
100S/525E	.3	1	21	18	23	45	10
100S/500E	.5	1	37	21	29	61	5
100S/475E	.6	2	33	19	27	58	5
100S/450E	.4	13	35	20	24	61	5
100S/425E	.7	2	27	13	26	48	5
200S/525E	.5	1	29	17	20	43	10
200S/500E	.4	1	30	13	26	43	5
200S/475E	.2	6	25	11	32	45	5
200S/450E	.2	10	30	9	35	49	10
200S/425E	.2	10	22	12	29	53	5
200S/400E	.2	5	31	12	29	50	5
200S/375E	.3	11	30	16	34	55	10
400S/175E	.6	25	23	16	33	61	15
400S/200E	.3	14	14	11	22	52	10
400S/225E	.3	17	15	13	26	53	10
400S/250E	.5	15	18	17	27	56	5
400S/275E	.4	8	16	16	24	47	5
500S/175E	.5	7	35	15	33	51	5
500S/200E	.2	8	58	11	35	68	5
500S/225E	.3	1	36	14	30	64	5
500S/250E	.4	11	26	12	31	54	10
500S/275E	.1	9	15	12	25	54	5
500S/300E	.4	13	28	14	30	57	5
500S/325E	.1	15	25	13	36	61	10
500S/350E	.4	8	29	15	28	55	5
500S/375E	.2	15	23	12	37	73	5
500S/400E	.7	11	26	15	28	64	10
500S/425E	.2	8	30	12	35	75	5
500S/450E	.4	3	38	17	27	57	5
500S/475E	.2	3	28	14	32	66	5
500S/500E	.1	4	28	14	28	71	5
500S/525E	.1	2	34	13	30	59	10
500S/550E	.1	20	30	13	30	59	5
500S/575E	.2	1	35	17	24	64	5
500S/600E	.9	21	39	20	55	88	5
500S/650E	.4	12	33	18	38	73	10
500S/700E	.5	1	37	19	24	57	10
500S/750E	.2	1	36	16	20	55	5
500S/800E	.2	1	29	15	22	56	5
500S/850E	.2	1	30	15	23	66	10
500S/900E	.5	1	31	24	24	57	10
500S/950E	.3	1	21	18	15	38	5
500S/1000E	.2	1	30	14	22	46	5
150E/50S	.2	3	10	7	19	27	15
150E/100S	.4	16	20	11	28	55	20
150E/150S	.1	12	14	11	31	63	5
150E/200S	.4	10	11	8	24	37	10
150E/250S	.2	14	16	12	30	49	30
150E/300S	.3	11	21	12	32	57	5
150E/350S	.6	27	13	11	39	56	5
150E/400S	.5	10	24	13	24	49	5
150E/450S	.4	17	25	14	31	61	5
150E/500S	.4	7	27	14	39	90	5
150E/550S	.1	29	30	79	319	261	20
00E/50S	.2	6	29	11	41	70	10
00E/100S	.6	21	22	14	37	68	5
00E/150S	.4	19	20	13	33	55	5
00E/200S	.1	19	18	12	32	75	10
00E/250S	.4	24	23	57	52	73	5
00E/300S	.6	24	19	24	45	64	15

PROJECT NO:

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

FILE NO: 6-503S/P4+S

ATTENTION: C.SAKARELLAS/D.L.SOKE

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

\* TYPE SOIL GEOCHEM \* DATE: JULY 31, 1986

(VALUES IN PPM)	AG	AS	B	CU	PB	ZN	AU-PPB
650E/00N	.4	1	26	26	26	55	5
600E/200S	.3	1	34	18	25	44	5
600E/150S	.5	1	30	14	26	51	10
600E/100S	.7	1	26	18	22	48	5
600E/50S	.4	3	9	11	29	42	5
600E/00N	.2	1	36	14	29	62	5
600E/50N	.3	1	32	16	28	56	10
600E/100N	.3	1	33	16	27	56	5
600E/150N	.6	11	27	19	31	72	5
600E/200N	.6	1	29	15	26	48	5
600E/250N	.6	21	22	18	40	66	5
600E/300N	.2	1	29	13	31	51	5
100N/00E	.2	2	16	8	28	43	5
100N/25E	.5	1	23	11	35	64	10
100N/50E	.3	1	19	9	25	40	5
100N/75E	.6	1	27	22	27	48	5
100N/100E	.3	1	21	11	28	69	10
100N/125E	.3	1	14	9	22	36	5
100N/150E	.4	5	24	12	34	57	5
100N/175E	.5	2	29	14	32	77	10
100N/200E	.1	3	24	15	29	63	5
100N/375E	.1	1	19	9	23	56	5
100N/400E	.4	1	28	14	23	53	5
100N/425E	.4	1	30	16	24	52	10
100N/450E	.4	1	34	12	27	62	15
100N/475E	.5	3	31	14	25	58	5
100N/500E	.2	1	34	15	27	65	5
100N/525E	.4	1	34	20	32	72	5
100N/550E	.5	1	25	14	29	56	5
100N/575E	.2	6	27	16	28	59	5
00N/100W	.3	1	29	15	31	63	5
00N/75W	.5	1	29	14	20	61	15
00N/50W	.6	4	25	14	34	68	5
00N/25W	.6	1	22	14	22	50	10
00N/00E	.3	1	24	13	28	80	5
00N/25E	.1	1	25	13	28	67	5
00N/50E	.5	3	21	12	31	70	10
00N/75E	.1	5	24	14	33	71	5
00N/100E	.3	1	26	14	21	60	5
00N/125E	.5	1	25	14	29	60	10
00N/150E	.3	7	23	13	27	65	5
00N/175E	.2	6	22	14	29	64	5
00N/200E	.2	1	22	13	24	59	5
00N/225E	.2	4	14	12	34	58	25
00N/250E	.4	12	11	10	36	61	10
00N/275E	.3	2	24	12	30	71	5
00N/300E	.3	2	23	12	30	67	5
00N/325E	.5	1	30	14	29	56	5
00N/350E	.3	1	34	14	23	51	5
00N/375E	.2	1	31	15	30	64	5
00N/400E	.1	1	43	12	21	52	5
00N/425E	.4	1	26	15	26	47	5
00N/450E	.4	1	28	19	17	46	5
00N/475E	.4	1	29	17	24	48	5
00N/500E	.1	1	23	14	22	34	5
00N/525E	.2	1	27	15	25	47	5
00N/550E	.5	1	28	16	25	49	10
00N/575E	.5	1	34	10	27	46	5
100S/575E	.5	1	26	15	20	43	5
100S/600E	.3	1	32	16	24	46	5



PROJECT NO:

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

FILE NO: 6-5035/P2+3

ATTENTION: C.SAKARELLAS/D.L.COOKE

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

\* TYPE SOIL GEOCHEM \* DATE: JULY 31, 1986

(VALUES IN PPM)	AG	AS	B	CU	PB	ZN	AU-PPB
1250E/00N	.9	4	37	180	35	55	10
1200E/200S	.4	1	29	18	22	50	5
1200E/150S	.3	1	35	24	28	53	5
1200E/100S	.1	1	41	13	28	54	5
1200E/50S	.2	7	28	12	38	66	15
1200E/00N	.1	18	27	19	38	62	5
1200E/50N	.4	20	33	92	36	55	5
1200E/100N	.7	7	28	124	37	55	3
1200E/150N	.3	10	17	23	38	68	20
1200E/200N	.2	4	23	16	28	77	5
1150E/00N	.3	12	32	16	42	69	5
1100E/200S	.1	1	28	16	23	58	3
1100E/150S	.3	1	29	24	27	47	5
1100E/100S	.7	15	34	58	36	68	5
1100E/50S	.3	1	31	31	30	71	5
1100E/00N	.6	5	37	17	39	70	10
1100E/50N	.7	15	29	14	35	74	5
1100E/100N	.5	33	29	45	34	64	5
1100E/150N	.4	16	25	30	35	79	5
1100E/200N	.5	10	23	32	34	89	10
1050E/00N	.8	1	39	19	22	58	5
1000E/200S	.6	1	30	18	29	54	5
1000E/150S	.4	1	31	17	26	52	5
1000E/100S	.4	1	26	16	25	56	10
1000E/50S	.2	1	35	10	25	49	5
1000E/00N	.7	1	40	19	26	56	5
1000E/50N	.6	1	40	27	27	61	5
1000E/100N	.9	10	32	68	37	57	3
1000E/150N	.5	25	26	22	32	65	10
1000E/200N	.7	18	27	18	34	76	5
950E/00N	.3	1	32	16	27	58	5
900E/200S	.1	1	15	12	19	39	5
900E/150S	.2	1	19	11	15	38	5
900E/100S	.3	1	20	14	17	46	10
900E/50S	.3	2	22	23	25	55	5
900E/00N	.2	1	26	12	25	50	5
900E/50N	.5	1	29	17	28	62	5
900E/100N	.3	1	27	80	30	48	5
900E/150N	.4	13	16	16	34	53	5
900E/200N	.1	4	21	11	33	47	10
850E/00N	.2	1	28	20	26	51	5
800E/150S	.4	1	25	16	20	55	5
800E/100S	.6	1	25	18	17	50	5
800E/50S	.5	1	27	19	17	50	3
800E/00N	.3	1	29	17	22	49	10
800E/50N	.5	1	28	18	27	50	5
800E/100N	.4	1	30	21	25	48	5
800E/150N	.5	17	30	34	34	52	5
800E/200N	.4	1	16	9	27	45	5
800E/250N	.5	1	26	9	31	60	5
750E/00N	.2	1	24	22	22	50	5
700E/150S	.7	1	29	12	20	37	5
700E/100S	.4	1	21	19	24	49	5
700E/50S	.4	1	23	19	23	54	5
700E/00N	.4	1	27	21	26	53	5
700E/50N	.5	1	30	32	25	55	5
700E/100N	.4	1	34	17	23	65	5
700E/150N	.3	1	28	13	28	62	10
700E/200N	.4	7	23	14	37	66	5
700E/250N	.3	1	36	21	20	52	5

PROJECT NO:

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

FILE NO: 6-503S/P1

ATTENTION: C.SAKARELLAS/D.L.COOKE

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

\* TYPE SILT GEOCHEM \* DATE: JULY 31, 1986

(VALUES IN PPM)	AG	AS	B	CU	PB	ZN	AU-PPB
1200E/188S	.9	22	26	61	41	60	5
1000E/118N	<del>0.8</del>	<del>52</del>	19	23	81	86	5
1000E/115S	.4	1	16	12	28	49	5
900E/45S	.4	4	24	15	32	59	5
808E/150S	.1	1	21	11	28	46	3
800E/167N	<del>0.8</del>	<del>52</del>	25	27	<del>169</del>	126	15
800E/145N	.8	22	25	21	45	59	5
775E/00N	.5	3	23	17	31	52	10
744E/150S	.3	1	16	11	26	45	5
450E/101S	.5	16	23	13	35	52	5
465E/110S	.3	1	25	8	25	45	5
425E/120S	.5	1	37	7	23	47	3
200S/390E	.3	<del>52</del>	22	8	51	60	5
600E/148N	.6	13	25	17	42	68	5
600E/268N	.7	24	21	25	41	56	5
100N/370E	.1	1	21	11	27	44	10

*Do Sb instead of Ba in next batch.*

*Do Sb instead of Ba in next batch.*

(VALUES IN PPM)	AS	AS	CU	PB	SB	ZN	AU-PPB
NSC-1	.8	42	73	61	1	50	5
NSC-2	.2	12	67	45	1	73	50
NS- 1	.1	1	27	23	1	106	5
NS- 2	.2	54	25	56	8	71	10
NS- 3	.1	1	56	40	1	92	5
NS- 4	.1	1	40	18	1	101	5
NS- 5	.4	1	77	36	1	95	5
NS- 6	.1	1	28	14	1	44	10
NS- 7	.1	1	51	25	1	46	30
NS- 8	.1	1	36	21	1	52	10
NS- 9	.3	1	25	18	1	53	20
NS-10	.2	1	27	42	1	65	5
NS-11	.1	1	46	15	1	47	5
NS-12	.2	1	21	19	1	34	10
NS-13	.3	2	20	31	1	39	5
NS-14	.4	1	62	25	1	59	5
NS-15	.8	1	58	22	1	43	5
NS-16	.3	1	43	20	1	65	5
NS-17	.3	1	32	19	1	49	10
NS-18	.1	3	31	38	1	50	5
NS-19	.4	1	34	32	1	53	5
MS-1	.8	19	16	65	7	85	5
MS-2	.3	19	12	41	9	68	5
MS-3	.4	10	14	34	4	77	10
MS-4	172	28	72	85	7	218	5
MS-5	.3	3	41	25	1	54	5
MS-6	.7	50	12	48	22	92	5
MS-7	.7	30	63	26	1	80	5
MS-8	172	28	111	111	1	172	10
MS-9	.5	13	11	38	1	66	50
MS-10	.6	13	10	32	4	78	5

PROJECT NO: MESS

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

FILE NO: 6-590S/P3

ATTENTION: D.L. COOKE

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

\* TYPE SOIL GEOCHEM \* DATE: AUGUST 19, 1986

(VALUES IN PPM )	AG	AS	CU	PB	SB	ZN	AU-PPB
1800S 175W	.1	36	40	57	4	87	10
1800S 200W	.2	22	14	48	6	82	10
1800S 225W	.1	18	8	52	3	83	5
1800S 250W	.4	35	56	68	6	125	5
1800S 275W	.7	55	40	76	8	125	10
1800S 300W	.3	40	23	57	8	102	5
1850S 100W	.2	44	41	61	2	72	5
1900S 25W	.4	31	28	50	3	70	5
1900S 50W	.6	14	52	41	1	67	5
1900S 75W	.9	37	72	47	3	69	5
1900S 100W	.7	46	204	52	2	85	15
1900S 125W	.4	18	51	45	1	68	5
1900S 150W	.4	27	100	47	3	67	5
1950S 100W	.6	17	46	48	1	72	5
2000S 50W	.7	42	310	61	2	80	5
2000S 75W	.7	28	92	52	4	83	10
2000S 100W	.6	28	112	66	5	83	5
2050S 50W	.3	1	83	34	1	56	10
2100S 50W	.6	15	67	50	2	57	5
2100S 75W	.8	28	141	65	4	80	5
2100S 100W	.8	32	32	58	8	79	10
2150S 50W	.9	28	72	66	7	71	10
2200S 00		36	118	57	8	54	60
2200S 25W	.7	13	118	40	3	62	10
2200S 50W		25	65	41	5	63	5
2200S 75W	.6	26	63	76	15	61	10

PROJECT NO: MESS

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

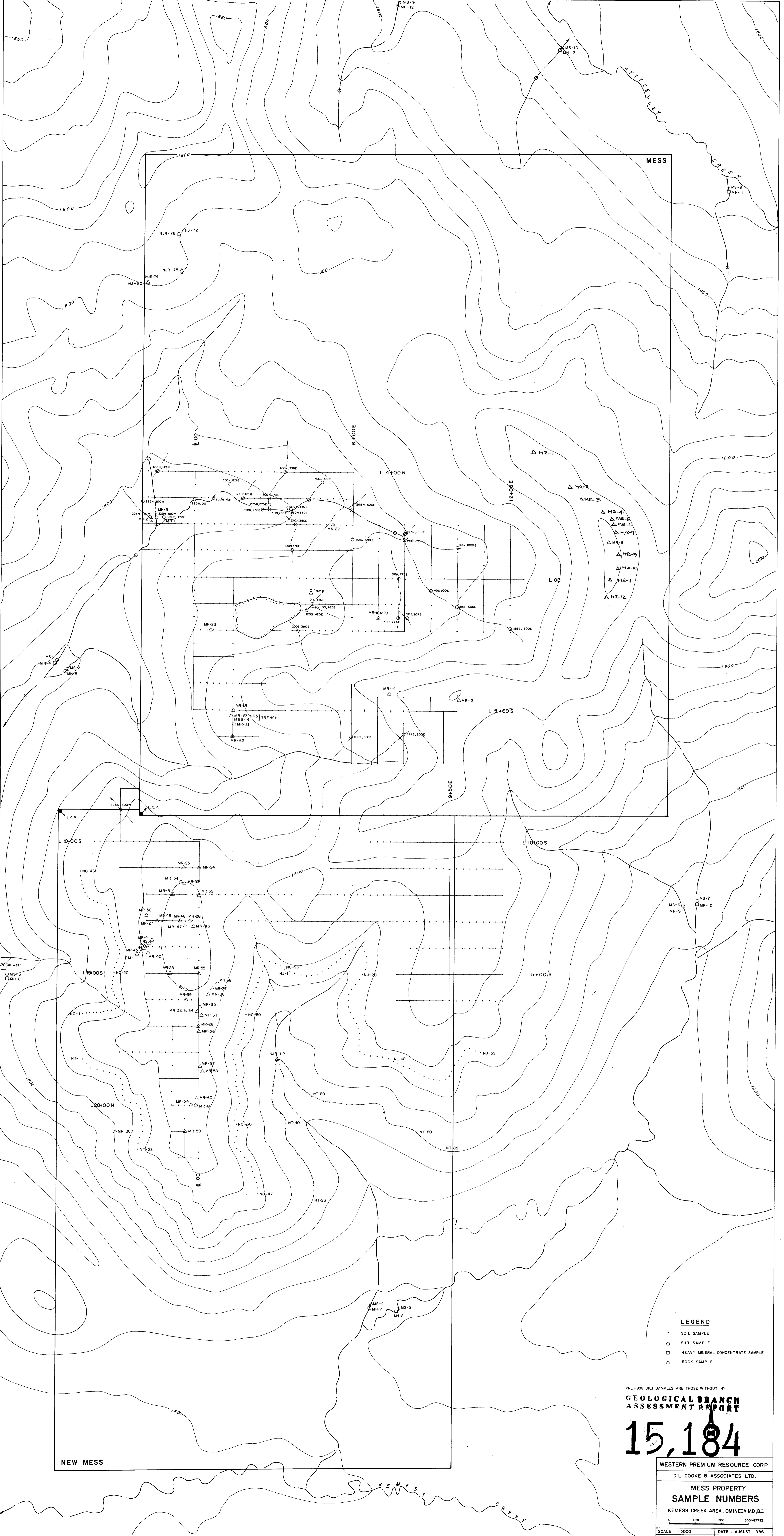
FILE NO: 6-5909/P1+2

ATTENTION: D.L. COOKE

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

\* TYPE SOIL GEOCHEM \* DATE: AUGUST 19, 1986

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
600S 100E	111	43	45	142	8	163	10
600S 125E	111	7	25	86	2	108	5
600S 150E	111	32	40	158	6	117	10
600S 175E	111	5	20	131	3	113	5
600S 200E	111	1	12	86	1	79	5
600S 225E	.9	2	13	37	1	110	5
600S 250E	.8	1	12	15	1	73	5
1100S 25W	.4	8	17	43	3	79	5
1100S 50W	.6	10	33	30	2	74	10
1100S 75W	.8	8	89	42	2	77	5
1100S 100W	.6	3	52	33	3	65	10
1100S 125W	.7	19	47	63	6	79	5
1100S 150W	.8	5	47	37	2	64	10
1100S 175W	.7	1	47	41	1	70	5
1100S 200W	.7	22	33	54	4	86	3
1100S 225W	.6	12	26	58	2	67	5
1100S 250W	.2	1	13	52	4	101	5
1100S 262W(SILT)	.2	6	11	52	4	88	5
1100S 275W	.3	1	5	47	4	84	10
1200S 25W	.6	8	53	57	3	72	5
1200S 50W	.5	4	63	42	1	59	5
1200S 75W	.8	13	58	51	1	72	3
1200S 100W	.5	5	60	36	2	70	5
1200S 125W	.9	23	62	54	2	81	5
1200S 150W	.6	32	33	78	8	92	5
1200S 175W	.9	11	60	54	1	71	5
1200S 200W	111	37	46	59	7	74	5
1300S 25W	111	22	39	63	3	80	5
1300S 50W	111	28	42	74	5	81	5
1300S 75W	111	23	69	64	2	89	5
1300S 100W	111	47	50	111	8	110	10
1300S 125W	111	11	37	52	1	81	15
1300S 150W	.8	29	55	63	3	83	10
1300S 175W	.7	43	67	58	4	77	5
1500S 25W	.8	111	111	80	12	85	5
1500S 50W	.4	111	111	86	12	87	10
1500S 75W	.7	111	59	76	8	83	5
1500S 100W	.9	111	62	69	8	80	5
1500S 125W	111	111	51	53	10	65	5
1500S 150W	.6	111	71	66	9	75	5
1500S 175W	.5	111	58	71	10	85	5
1600S 25W	.3	111	38	111	10	98	111
1600S 50W	111	26	55	51	5	72	10
1600S 75W	111	111	69	59	5	78	5
1600S 100W	.7	111	65	57	8	64	5
1600S 125W	.8	111	78	66	10	82	5
1600S 150W	111	23	99	68	5	67	5
1600S 175W	111	111	108	70	10	81	5
1700S 125W	.6	15	47	46	3	76	5
1700S 150W	.4	33	34	56	6	82	5
1700S 175W	.4	21	43	59	5	74	3
1700S 200W	.7	18	39	63	4	72	5
1750S 100W	.4	17	42	58	6	92	10
1800S 00	.5	20	41	59	8	70	111
1800S 25W	.8	29	98	80	9	100	5
1800S 50W	.6	24	78	72	6	100	5
1800S 75W	.7	10	31	42	2	77	5
1800S 100W	.7	9	111	58	1	70	5
1800S 125W	.6	111	111	72	5	88	3
1800S 150W	.7	111	53	76	10	98	5

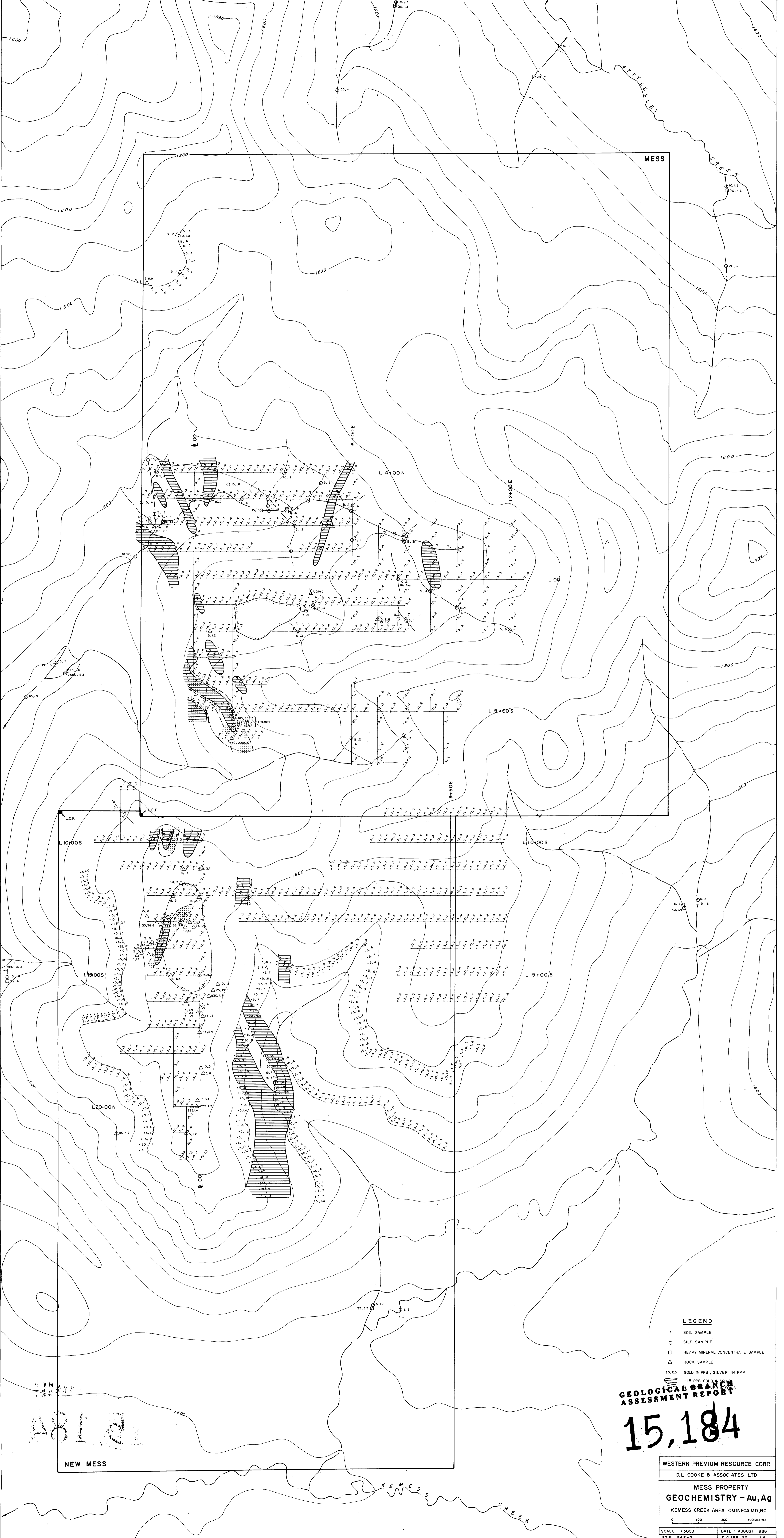


- LEGEND**
- SOIL SAMPLE
  - SILT SAMPLE
  - HEAVY MINERAL CONCENTRATE SAMPLE
  - △ ROCK SAMPLE

PRE-1986 SILT SAMPLES ARE THOSE WITHOUT NO.  
**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**15,184**

WESTERN PREMIUM RESOURCE CORP.	
D.L. COOKE & ASSOCIATES LTD.	
MESS PROPERTY	
SAMPLE NUMBERS	
KEMESS CREEK AREA, OMINECA MD., B.C.	
0 100 200 300 METRES	
SCALE 1:5000	DATE AUGUST 1986
N.T.S. 94E-2	FIGURE NO. 3



- LEGEND**
- SOIL SAMPLE
  - SILT SAMPLE
  - HEAVY MINERAL CONCENTRATE SAMPLE
  - △ ROCK SAMPLE
  - 40.23 GOLD IN PPB, SILVER IN PPM
  - +15 PPB GOLD IN SILT

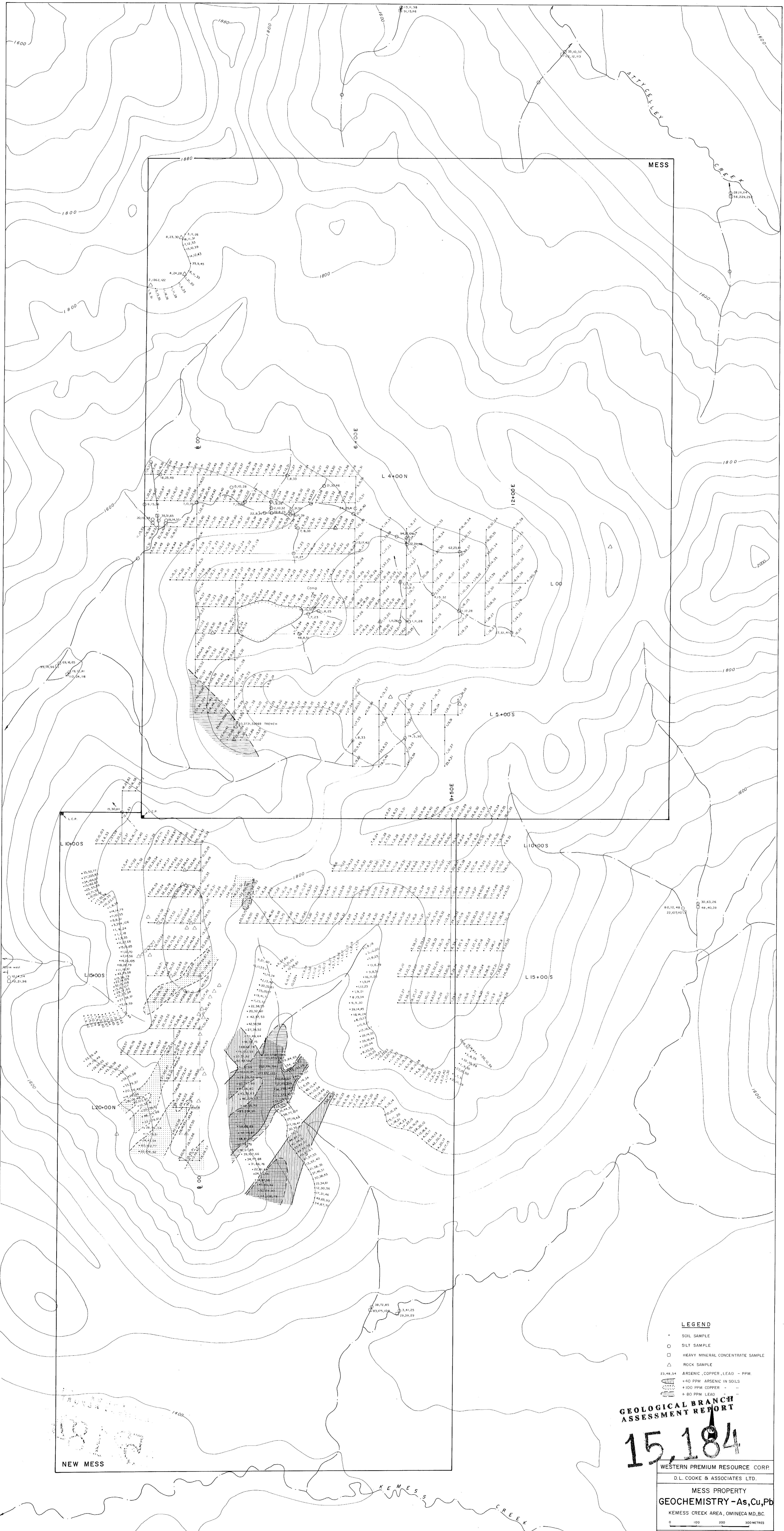
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,184**

WESTERN PREMIUM RESOURCE CORP.	
D.L. COOKE & ASSOCIATES LTD.	
MESS PROPERTY	
<b>GEOCHEMISTRY - Au, Ag</b>	
KEMESS CREEK AREA, OMINICA MD, BC.	
0	100 200 300 METRES
SCALE 1" = 5000'	DATE: AUGUST 1986
N.T.S. 94E-2	FIGURE NO. 3A

15184

NEW MESS



- LEGEND**
- SOIL SAMPLE
  - SILT SAMPLE
  - HEAVY MINERAL CONCENTRATE SAMPLE
  - △ ROCK SAMPLE
  - ▲ ARSENIC, COPPER, LEAD - PPM
  - ▨ +40 PPM ARSENIC IN SOILS
  - ▩ +100 PPM COPPER
  - ▧ +80 PPM LEAD

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,184**

WESTERN PREMIUM RESOURCE CORP.  
D.L. COOKE & ASSOCIATES LTD.

**MESS PROPERTY  
GEOCHEMISTRY - As, Cu, Pb**  
KEMESS CREEK AREA, OMINECA MD, BC

SCALE 1:5000 DATE: AUGUST 1986  
N.T.S. 94E-2 FIGURE NO. 3 D

NEW MESS

MESS

15184