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

ASSESSMENT REPORT
RECONNAISSANCE GEOCHEMISTRY
OF THE MAY 1-3 CLAIMS

Mt. Milligan Area
N.T.S. 930/4W
Omineca M.D.

Latitude: 55° 06' North
Longitude: 123° 47' West

by

DAVID L. COOKE, Ph.D., P.Eng.
D. L. COOKE AND ASSOCIATES LTD.
811 - 675 West Hastings Street
Vancouver, B.C., V6B 1N2

Report Date: September,30, 1991 Work Done: June 6 - 10, 1991

Claims on which work was done:

Claim	Units	Record No.	Month of Record
May 1	20	12260	July
May 2	15	12261	July
May 3	15	12262	July

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SUMMARY

The May claims are situated in the Mt. Milligan area of central B.C. The claims are underlain by Upper Triassic volcanic rocks and intercallated black argillaceous sedimentary rocks which are permissive for the occurrence of porphyry copper-gold and gold vein deposits. Large areas of the claims are covered by glacial till and outwash deposits.

A reconnaissance soil sampling and prospecting program was conducted in three areas of the claims to determine the usefulness of soil and rock geochemistry in locating sulphide mineralization.

It is concluded from the results that soil and rock geochemistry is useful in the northern and western third of the property where the relief is moderate to steep. Geochemistry, however, is not effective over the remaining two thirds of the claim area, because it is covered by deep and extensive glacial debris.

Geophysical techniques, such as magnetometer and induced polarization will be required to further evaluate these claims.

INTRODUCTION

The May claims were staked to cover an area of Takla volcanic rocks which are favourable for the occurrence of porphyry copper-gold mineralization. A small aeromagnetic anomaly occurs to the west of the May claims and could be caused by an underlying intrusive body. Porphyry copper-gold mineralization in the Mt. Milligan area is associated with hypabyssal intrusive bodies.

The claims were explored during the period June 6 - 10, 1991. The results of this exploration work form the subject of this report. Exploration expenditures for the period amounted to $6,421.76.

1991 EXPLORATION PROGRAM

The 1991 exploration program consisted of reconnaissance soil sampling and prospecting along secondary logging roads and on survey lines within logged-off areas. The lines were run at 100 metre intervals and control provided by compass and topofil chain. Soil samples were collected at 50 metre intervals. Mineralized rocks occurring as float were occasionally sampled. This exploration work was done by geologist David L. Cooke, Ph.D., P.Eng. and field assistant M. A. Cooke.

Assay results were plotted on 1:10,000 topographic maps prepared by Fletcher Challenge Ltd. and the B.C. Department of Land and Forestry.

LOCATION AND ACCESS

The May 1 - 3 mineral claims are located in the Mt. Milligan area, approximately 75 kilometers by the main Philip Lakes road west of McKenzie, B.C. (Figure 1). The claims lie at elevations ranging from 3,500 to 3,990 feet and are accessible by good gravel roads. Topographic relief is moderate with the highest areas occurring in the western parts of the property. The local timber cover consists of fir, spruce and lodgepole pine. Several stands of timber have been harvested in the area of the claims. Logging activity has provided good road access to most of the claims.

PORPERTY AND OWNERSHIP

The May property consists of the May 1 - 3 mineral claims. The pertinent claim data is as follows:-

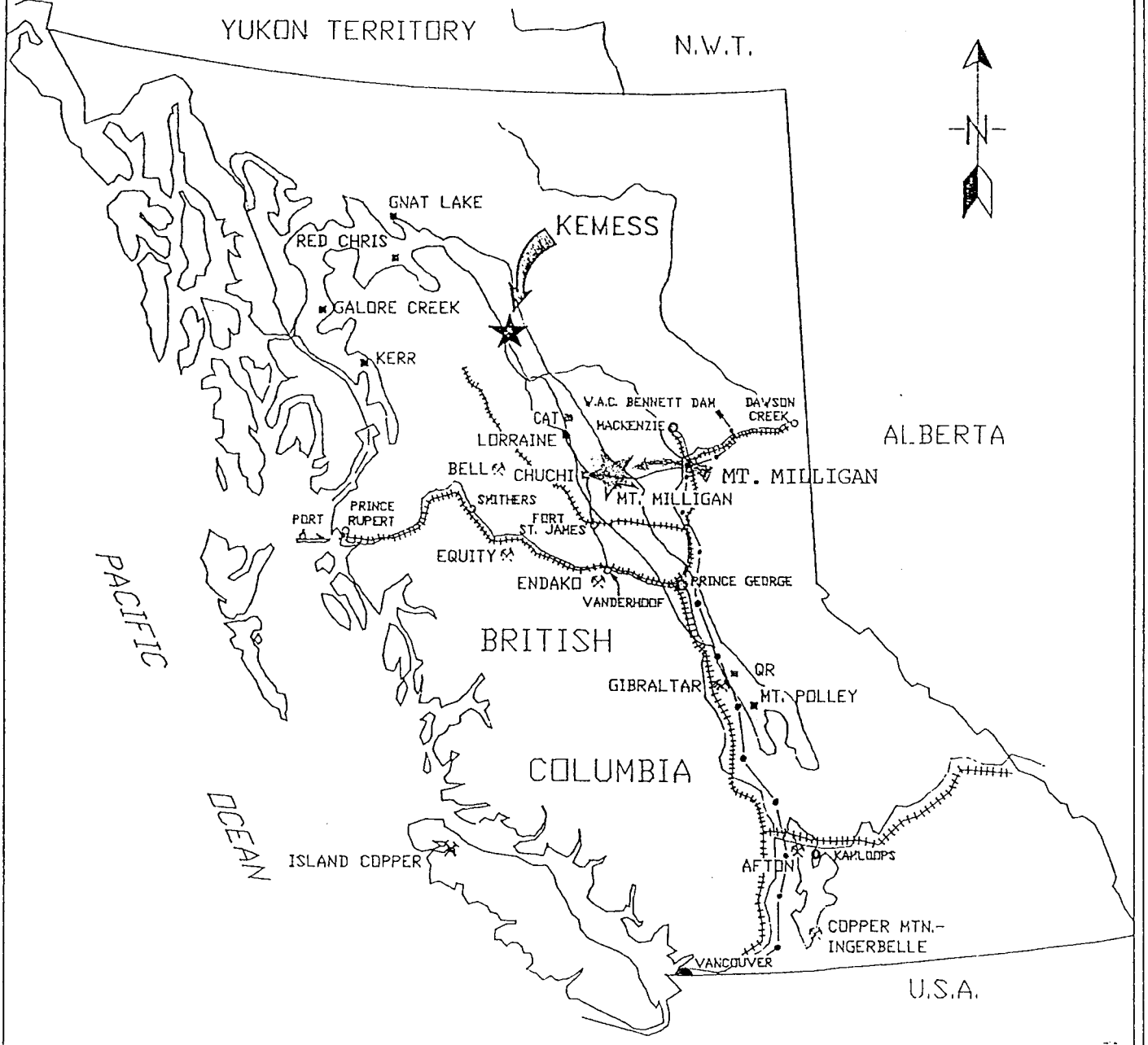
Claim	Units	Record Number	Record Date
May 1	20	12260	July 8, 1990
May 2	15	12261	July 15, 1990
May 3	15	12262	July 8, 1990

The claims are owned by David L. Cooke of Surrey, B.C.

REGIONAL GEOLOGY AND MINERALIZATION

Mt. Milligan occurs roughly at the core of an area of porphyry copper-gold mineralization which runs northwesterly from Carp Lake to the Nation River in the Omineca Mining Division of B.C. This area is part of the Quesnel Trough of Upper Triassic rocks, which extend northwesterly from the U.S. border through B.C. to the Yukon.

The Upper Triassic rocks in the Mt. Milligan area belong to the Takla Group and consist mainly of andesitic and basaltic flows and pyroclastics. Minor amounts of black argillites have been noted locally. Older metamorphic rocks of the Slide Mountain and Cache Creek Groups occur to the east of the Takla rocks. The Takla volcanic rocks are intruded by calc-alkaline and alkaline plutons of Upper Triassic to Cretaceous ages.



LEGEND

- ROAD
- RAILWAY
- MAJOR POWER LINE
- QUESNEL TROUGH
- PRODUCING PORPHYRY MINES
- COPPER AND/OR GOLD DEPOSIT

SCALE
0 100 200 300
KILOMETRES

MT. MILLIGAN AREA

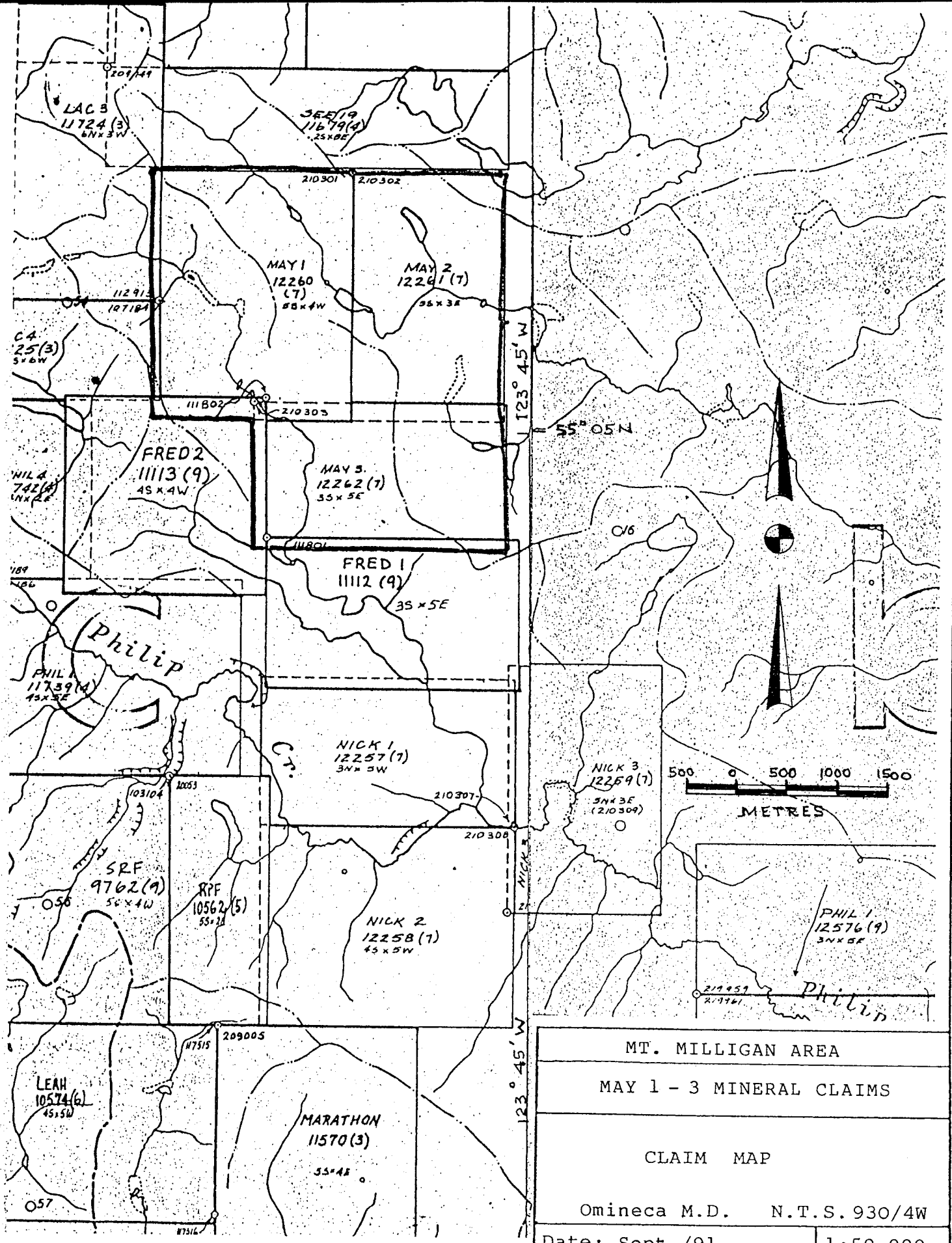
D. L. COOKE & ASSOCIATES LTD.

MAY 1 - 3 MINERAL CLAIMS

LOCATION MAP

Omineca M.D. N.T.S.930/4W

SCALE: AS SHOWN	DRAWN BY: ProComp GeoDraft Ltd.	FILE:
DATE: SEPT. 90	REVISED:	FIGURE: 1



MT. MILLIGAN AREA	
MAY 1 - 3 MINERAL CLAIMS	
CLAIM MAP	
Omineca M.D. N.T.S. 930/4W	
Date: Sept./91	1:50,000
D.L.COOKE & ASST.LTD.	Fig. 2

The geology of the Mt. Milligan area is mainly obscured by glacial drift. The Mt. Milligan porphyry copper-gold deposit which is currently being developed by Placer Dome Inc. contains 385 million tons of probable ore with a grade of 0.22% copper and 0.016 ounce gold per ton. The mineralization consists of pyrite, chalcopyrite and free gold within Takla volcanic rocks and in coeval alkaline intrusions (monzonite, diorite, etc.) of Triassic age. The sulphides occur as disseminations and stockworks in both intrusive and volcanic host rocks.

The intrusions are characterized by abundant disseminations of magnetite, which make them detectable by airborne and ground magnetic surveys. Sulphides are concentrated in the intrusive margins and adjacent volcanic rocks and may be traced under the glacial cover by induced polarization methods.

In addition to the disseminated and stockwork habit of sulphide mineralization, there are fault-controlled gold veins which occur peripheral to the porphyry mineralization. The veins contain quartz, carbonate, pyrite, chalcopyrite and gold which in some cases is of economic interest.

PROPERTY GEOLOGY

The May claims occur east of a small boomerang-shaped aeromagnetic anomaly, which lies to the southeast of the larger Mt. Milligan aeromagnetic anomaly. The May property have potential for the occurrence of mineralized satellitic alkaline intrusions similar to the Mt. Milligan intrusions. The property, however, is extensively covered by unconsolidated glacial debris of unknown thickness. Some rock exposures occur in the north and northwestern parts of the claim group. These areas are underlain by Takla volcanic tuffs, lapilli tuffs and black argillites.

GEOCHEMISTRY

Sample Collection and Analysis

Soil samples were taken with a shovel from depths of 15 - 30 centimetres on grid lines and secondary logging roads at 100 metre intervals. Soil samples were placed in numbered Kraft sample bags and shipped to Min-En Laboratories in North Vancouver, B.C. for analysis. Rock samples were occasionally collected in the course of soil sampling, prospecting, mapping, etc. The sample location sites and numbers are indicated on Figure 3.

The soil samples were dried at approximately 60° C and then sieved to minus 80 mesh. A 1.0 gram sample was then digested with HNO_3 and $HCLO_4$ mixture. These samples were then diluted to standard volume after cooling, and the solutions analyzed for 30 elements by computer operated Jarrell Ash 9000 Induction Coupled Plasma (ICP) Analyzer. Gold was determined on separate solutions by atomic absorption spectrophotometry. Rock samples were crushed and treated in a similar geochemical fashion.

Discussion of Results

The analytical results are presented in Appendix III. Significant values for gold are plotted on Figure 3. Although there were some high values for silver, they do not appear to be coincident with high gold values. Because of the small sample population, statistical treatment of the data was not attempted. By inspection and experience, the following values were assumed to be anomalous:

gold	:	+ 10 ppb
silver	:	+ 1.0 ppm
arsenic	:	+ 20 ppm
copper	:	+ 100 ppm

CONCLUSIONS AND RECOMMENDATIONS

The reconnaissance soil sampling and prospecting program failed to identify any anomalous areas for copper and gold on the May property. Moderate amounts of pyrite mineralization occur in the northern part of the property. Because of the extensive unconsolidated glacial cover, soil geochemistry is not believed to be the most effective method of evaluating the claims.

A program of magnetometer and induced polarization is recommended to define zones of intrusion and strong sulphide mineralization which may be present on the May property.

Report by

D. L. COOKE AND ASSOCIATES LTD.

David L. Cooke, Ph.D., P.Eng.
September 30, 1991

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D.L. COOKE

REFERENCES

Cooke, D. L., 1991. Reconnaissance Geology and Geochemistry of the Lac 1 - 4 Claims, Mt. Milligan Area, 9 pp.

Geophysical Paper, 1961. Philip Lakes, British Columbia, Map 1573G, Geological Survey Canada.

Geophysical Paper, 1961. Wittsichica Creek, British Columbia. Map 1584G, Geological Survey Canada.

Muller, J. E., 1961. Geology, Pine Pass, British Columbia, Map 11 - 1961, Geological Survey Canada.

Rice, H. M. A., 1948. Smithers - Fort St. James, British Columbia, Map 971A, 1 inch to 8 miles.

APPENDIX I

STATEMENT OF EXPENDITURES

MAY 1 - 3 MINERAL CLAIMS
OMINECA M.D.

SALARIES		
D.L.Cooke, Geologist: June 6 - 10, 1991		
5 days @ $350/day	$1,750.00	
M.A.Cooke, Field Asst: June 6 - 10, 1991		
5 days @ $150/day	750.00	2,500.00
GEOCHEMISTRY		
Analyses: 141 Soil Samples @ $12.00 ea.	$1,692.00	
14 Rock Samples @ $14.50 ea.	203.00	
Sample Bags, Flagging, etc.	50.00	1,945.00
DOMICILE		
Room and Board: 10 man days @ $60/day		600.00
TRANSPORTATION		
Truck Rental: 5 days @ $60/day	$ 300.00	
Mileage: 1,278 km @ $0.20/km	255.60	
Gasoline	46.16	601.76
INTERPRETATION AND REPORT		
D.L. Cooke: 1 1/2 days @ $350/day	$ 525.00	
Drafting and Reproduction	150.00	
Typing and Photocopies	100.00	775.00
TOTAL EXPENDITURES		$6,421.76

Prepared by:
D. L. COOKE AND ASSOCIATES LTD.

David L. Cooke, Ph.D., P.Eng.
September 30, 1991

PROVINCE OF BRITISH COLUMBIA
D.L. COOKE

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 10667 Arbutus Wynd, Surrey, B.C., V3R 0B5, with a business office at 811 - 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 M.A. and Ph.D. degrees 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 personally performed the exploration work on May 1-3 claim described herein.

6. And that I am the author of this report on the May 1-3 mineral claim, dated September 30, 1991.

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

September 30, 1991

APPENDIX III

ANALYTICAL RESULTS

COMP: D.L.COOKE & ASSOC.
PROJ: MAY GROUP
ATTN: D.L. COOKE

MIN-EN LAbs — ICP REPORT

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

FILE NO: 1V-0559-R
DATE: 91/06/
* ROCK * (ACT:F3

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
M90-30R	1.6	28910	1	8	262	.1	12	16840	.1	24	202	42500	13320	16	21860	780	1	380	1	1880	54	1	108	1	1	108.9	74	1	2	1	50	25
M90-37R	1.5	24770	1	4	61	.1	11	12130	.1	20	87	44740	3300	16	20330	889	1	1600	13	1500	135	1	37	1	1	178.9	255	1	1	1	86	10
M91-21R	1.1	17830	1	1	43	.1	8	14500	.1	23	104	36240	1290	16	16120	572	1	910	38	920	41	1	6	1	1	110.0	47	1	2	1	114	5
M91-22R	1.5	16040	1	1	111	.1	12	12740	.1	22	152	35220	3070	9	10620	349	2	280	31	1240	55	1	52	1	1	76.0	70	1	2	1	72	5
M91-25R	1.2	22510	1	2	66	.1	8	16410	.1	24	192	34160	1160	12	24960	572	1	610	146	1370	38	1	11	1	1	106.6	44	1	1	3	262	15
M91-35R	1.6	29140	1	2	85	.1	13	26940	.1	22	130	44570	3600	16	8660	563	1	1710	4	1400	52	1	8	1	1	151.8	61	1	1	1	58	5
M91-39R	1.4	29670	1	1	86	.1	14	14880	.1	31	84	48580	1990	11	26200	988	1	240	22	1150	47	1	51	1	1	125.5	56	1	2	1	74	5
M91-40R	.9	29890	1	1	149	.1	10	18860	.1	28	121	48580	4470	17	31040	805	1	250	22	1120	49	1	55	1	1	137.7	58	1	1	1	69	10
M91-48R	1.2	23950	1	1	50	.1	11	20760	.1	33	182	59510	1040	18	24990	892	1	390	30	1640	59	1	53	1	1	202.2	101	1	2	1	71	15
M91-69R	1.2	23140	1	1	95	.1	11	15950	.1	26	120	47200	7520	13	23090	895	1	370	1	1800	46	1	63	1	1	134.7	39	1	1	1	50	5
M91-84R	.9	24390	1	11	39	.1	7	24050	.1	25	243	30000	1420	18	5980	296	1	540	28	1050	44	1	12	1	1	55.0	45	1	1	1	50	30
M91-160R	1.4	17570	1	5	54	.1	10	17410	.1	21	102	43090	1250	13	13990	618	1	1200	9	1580	49	1	21	1	1	152.4	64	1	1	1	70	10
M91-162R	1.1	18930	1	1	23	.1	9	17850	.1	24	64	38010	510	21	23580	695	1	210	47	600	36	1	8	1	1	104.5	33	1	1	2	164	10
NO NUMBER	1.3	24660	1	2	49	.1	11	17530	.1	22	80	39950	1590	18	13820	537	1	760	14	810	44	1	18	1	1	106.3	61	1	2	1	66	5

COMP: D.L. COOKE & ASSOC.
PROJ: MAY GROUP
ATTN: D.L.COOKE

MIN-EN LABS — ICP REPORT

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

FILE NO: 1V-0559-SJ1+
DATE: 91/06/2
* SOIL * (ACT:F31

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
M91-P1	.5	15530	1	22	101	.1	4	6790	.1	9	20	26800	450	13	4160	222	1	140	6	930	40	1	15	1	1	87.1	51	1	1	1	37	10
M91-P2	.3	20920	1	21	101	.2	6	8980	.1	18	59	37260	1190	15	9410	653	1	220	22	1320	47	1	23	1	1	107.1	54	1	1	2	55	5
M91-P3	.6	17740	1	1	94	.1	6	9240	.1	16	55	34440	1140	12	8590	632	1	170	21	1200	40	1	23	1	1	102.6	47	1	1	2	53	5
M91-P4	.7	21210	1	1	122	.1	7	10650	.1	20	74	39680	1680	15	10740	838	1	260	28	1300	46	1	29	1	1	115.4	59	1	1	2	59	5
M91-22S	.7	18820	1	1	59	.1	7	6870	.1	12	19	34630	600	16	4870	306	1	120	7	1680	39	1	21	1	1	95.4	75	1	1	1	40	5
M91-23S	1.2	22300	1	1	69	.1	8	10280	.1	15	57	36660	1020	14	9210	410	1	160	28	1620	41	1	33	1	1	104.6	54	1	1	2	52	5
M91-24S	.6	21840	1	1	67	.1	7	8220	.1	14	42	36030	740	17	7040	370	1	130	19	2080	39	1	26	1	1	100.6	59	1	1	1	47	5
M91-25S	1.0	20660	1	1	78	.1	6	6930	.1	9	35	22790	610	12	6150	233	1	100	21	550	28	1	20	1	1	71.5	47	1	1	1	35	5
M91-26S	.7	28060	1	1	87	.2	7	8600	.1	16	57	38320	840	18	9340	358	1	200	22	1290	40	1	25	1	1	109.0	64	1	1	1	53	10
M91-27S	.7	25390	1	1	79	.2	8	8200	.1	14	48	35510	790	17	9210	376	1	180	19	950	39	1	24	1	1	105.1	58	1	1	2	50	5
M91-28S	.9	23070	1	1	72	.1	8	7490	.1	13	40	31740	720	16	8570	321	1	170	18	820	36	1	22	1	1	96.0	58	1	1	1	48	5
M91-29S	.3	23240	1	1	69	.2	5	7000	.1	13	41	33550	740	17	9300	303	1	140	20	680	37	1	20	1	1	96.6	58	1	1	2	59	5
M91-30S	.7	21060	1	1	67	.1	7	7420	.1	12	32	29400	740	15	9870	338	1	130	16	780	34	1	20	1	1	88.2	58	1	1	1	46	10
M91-31S	1.0	22200	1	1	64	.2	6	7230	.1	16	45	31650	600	16	8160	629	1	150	19	470	35	1	19	1	1	97.5	62	1	1	1	50	50
M91-32S	.4	24580	1	1	87	.2	5	5520	.1	16	38	38050	910	21	5850	339	1	120	15	1880	44	1	14	1	1	91.4	109	1	1	1	46	5
M91-33S	.4	31830	1	1	99	.4	6	5330	.1	17	66	37960	980	21	6750	313	1	120	25	980	44	1	13	1	1	99.5	83	1	1	1	52	5
M91-34S	.9	25430	1	1	83	.4	6	6970	.1	15	56	33660	800	20	8090	850	1	130	22	840	40	1	17	1	1	88.1	90	1	1	1	47	10
M91-35S	.8	20850	1	1	73	.1	7	8520	.1	12	39	28490	660	14	8230	486	1	160	18	710	35	1	22	1	1	85.6	56	1	1	1	43	5
M91-36S	.7	20050	1	1	77	.1	6	8760	.1	12	30	33150	790	16	6340	255	1	150	11	1690	37	1	22	1	1	98.6	75	1	1	1	44	5
M91-37S	.7	21860	1	1	76	.2	6	7050	.1	13	25	34860	820	22	5600	311	1	120	9	1090	44	1	16	1	1	94.1	77	1	1	1	42	5
M91-38S	.8	20560	1	1	68	.1	7	8000	.1	12	37	28830	710	15	8030	303	1	150	16	870	31	1	21	1	1	89.3	46	1	1	1	44	5
M91-39S	.9	24460	1	1	96	.1	7	8650	.1	14	50	35080	1020	16	10110	504	1	170	23	1040	41	1	23	1	1	102.5	76	1	1	2	55	5
M91-40S	.7	22640	1	1	104	.2	5	6770	.1	12	37	30030	910	18	8110	346	1	130	17	650	34	1	17	1	1	84.5	71	1	1	1	46	5
M91-41S	.8	24650	1	1	96	.1	8	9360	.1	15	47	35410	1160	16	10940	432	1	180	23	1240	42	1	29	1	1	107.0	70	1	1	2	60	5
M91-42S	.6	16970	1	1	83	.1	6	8130	.1	11	35	24430	710	13	7680	277	1	150	16	720	28	1	21	1	1	76.1	48	1	1	1	39	10
M91-43S	.7	20740	1	1	91	.1	7	8130	.1	12	35	29250	970	15	8420	339	1	170	16	880	35	1	23	1	1	90.5	54	1	1	1	47	5
M91-44S	.5	19190	1	1	72	.1	6	7060	.1	14	31	33980	690	16	6990	272	1	140	12	740	39	1	19	1	1	101.2	53	1	1	1	47	5
M91-45S	.7	24410	1	1	89	.1	7	7530	.1	15	55	42350	900	15	8030	432	1	160	15	3050	47	1	25	1	1	123.4	86	1	1	2	56	5
M91-46S	.7	23380	1	1	72	.1	7	7530	.1	12	40	32730	760	15	8590	314	1	140	19	1210	36	1	19	1	1	95.4	58	1	1	1	52	5
M91-47S	.9	17230	1	1	76	.1	7	8450	.1	11	32	25340	530	12	8070	359	1	140	15	850	29	1	17	1	1	80.4	53	1	1	1	40	5
M91-48S	.6	18190	1	1	60	.1	6	8080	.1	11	36	30750	630	13	7820	284	1	140	13	1770	36	1	20	1	1	90.6	59	1	1	1	46	5
M91-49S	.4	25900	1	1	93	.2	6	7210	.1	13	48	35750	920	20	9380	327	1	140	19	1270	41	1	18	1	1	98.0	76	1	1	1	53	5
M91-50S	.7	19070	1	1	78	.1	8	9200	.1	12	37	28600	900	11	8570	333	1	180	13	1210	32	1	30	1	1	91.2	40	1	1	1	46	10
M91-51S	.7	19690	1	1	78	.1	8	8840	.1	12	36	29590	940	12	8590	340	1	170	13	1070	35	1	28	1	1	92.9	45	1	1	2	49	5
M91-52S	.9	26090	1	1	100	.2	8	8070	.1	19	51	44170	1170	17	7880	616	1	150	17	2530	48	1	28	1	1	121.7	97	1	1	2	59	5
M91-57S	.7	17870	1	1	54	.1	7	7410	.1	10	21	26450	660	10	5570	233	1	150	10	930	29	1	22	1	1	85.7	43	1	1	1	37	5
M91-58S	.7	25250	1	1	83	.1	6	6920	.1	14	35	33250	830	16	6960	261	1	130	19	1400	36	1	20	1	1	91.1	77	1	1	2	50	5
M91-59S	.8	20740	1	1	71	.1	6	6960	.1	12	30	28890	700	13	6420	296	1	130	11	1120	35	1	19	1	1	85.2	51	1	1	1	41	5
M91-60S	.7	28550	1	1	104	.3	7	7030	.1	13	48	35860	1030	19	8950	314	1	150	21	1470	43	1	19	1	1	99.9	70	1	1	2	57	5
M91-61S	1.4	20120	1	1	72	.2	6	6520	.1	10	32	24300	610	12	5850	242	1	120	15	1410	28	1	17	1	1	74.6	40	1	1	1	39	10
M91-62S	.9	14460	1	1	55	.1	7	6720	.1	7	12	18440	470	9	3830	151	1	120	2	350	22	1	17	1	1	67.4	29	2	1	1	26	5
M91-63S	1.2	19070	1	1	57	.1	7	6830	.1	8	17	23040	590	10	4190	185	1	140	6	730	30	1	19	1	1	79.0	42	1	1	1	33	5
M91-64S	.8	24090	1	1	89	.1	7	6610	.1	12	36	29740	840	17	7800	276	1	130	15	770	39	1	17	1	1	87.6	61	2	1	1	44	5
M91-65S	.8	22520	1	1	85	.1	8	8400	.1	12	41	28000	850	16	9360	288	1	180	17	900	31	1	21	1	1	90.4	42	2	1	1	45	5
M91-66S	.7	18010	1	1	57	.2	6	6930	.1	12	29	28050	950	11	6280	255	1	120	17	1880	33	1	17	1	1	77.9	67	1	1	1	42	5
M91-67S	.8	18990	1	1	80	.1	7	7360	.1	13	28	30880	990	13	6820	386	1	150	13	1930	37	1	22	1	1	92.9	68	1	1	1	46	5
M91-68S	.7	27580	1	1	91	.1	7	7250	.1	13	50	34370	1130	17	9940	339	1	160	19	1240	40	1	19	1	1	100.5	61	2	1	1	53	5
M91-69S	.7	23780	1	1	89	.1	6	7150	.1	12	46	32750	980	16	8750	311	1	150	17	1250	37	1	20	1	1	94.3	57	1	1	1	49	5
M91-70S	1.0	16930	1	1	54	.1	7	6980	.1	8	18	21080	630	9	5830	198	1	120	8	590	26	1	19	1	1	70.6	38	2	1	1	31	5
M91-71S	.9	26390	1	1	87	.1	7	8400	.1	13	56	32080	950	16	10190	355	1	210	19	1110	36	1	21	1	1	97.6	50	1	1	1	52	5
M91-72S	.6	19160	1	1	71	.1	5	5300	.1	9	32	22480	600	11	5460	195	1	100	13	680	26	1	14	1	1	64.8	44	1	1	1	36	5
M91-73S	.8	28040	1	1	86	.1	7	7130	.1	16	44	38470	910	18	8780	383	1	170	18	1830	45	1	24	1	1	108.4	73	1	1	2	57	5
M91-74S	.7	24350	1	1	58	.1	7	6950	.1	12	35	31480	770	14	6960	279	1	140	11	1990	35	1	22	1	1	95.1	46	1	1	1	49	10
M91-75S	1.0	24390	1	1	90	.1	9	8570	.1	16	41	38130	1060	18	10060	460	1	670	16	1570	43	1	25	1	1	111.0	93	1	1	2	55	5
M91-76S	.6	24620	1	1	131	.1	7	7740	.1	15	34	40240	990	16	6950	829	1	680	10	4590	48	1	27	1	1	113.0	78	1	1	2	48	5
M91-77S	.9	20950	1	1	72	.1	7	7780	.1	13	40	31650	850	12	8260	323	1	170	14	1310	35	1	23	1	1	103.7	39	1	1	2	52	5
M91-78S	.6	20910	1	1	71	.1	7	6100	.1	9	20	26840	620	12	3950	200	1	490	6	1290	34	1	19	1	1	82.6	46	1	1	1	37	5
M91-79S	.7	18020	1	1	59	.1	6	6000	.1	8	19	21740	760	13	8000	242	1	110	10	490	28	1	15	1	1	64.1	46	2	1	1	35	5
M91-80S	.7	26500	1	1	90	.3	6	6640	.1	12	46	30020	900	21	9280	331	1	130	21	1250	40	1	14	1	1	86.9	65	1	1	1	47	5
M91-81S	.8	19990	1	1	84	.1	6	6920	.1	11	34	27760	760	14	7950	293	1	460	14	960	35	1	18	1	1	82.5	49	1	1	1	40	5

COMP: D.L. COOKE & ASSOC.
PROJ: MAY GROUP
ATTN: D.L.COOKE

MIN-EN LABS — ICP REPORT

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

FILE NO: 1V-0559-SJ3+4
DATE: 91/06/2
* SOIL * (ACT:F31

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
M91-82S	.6	21690	1	5	74	.4	5	6300	.1	13	34	28510	630	15	5950	321	1	110	13	2110	53	1	15	1	1	81.1	132	1	1	1	40	10
M91-83S	.5	28950	1	3	101	.4	7	6240	.1	13	51	31360	790	17	7740	274	1	140	21	1200	43	1	15	1	1	87.0	82	1	1	1	47	5
M91-84S	1.1	20500	1	1	68	.1	8	7510	.1	9	22	25360	750	10	6100	255	1	150	9	870	39	1	21	1	1	86.0	66	1	1	1	37	5
M91-85S	.6	18450	1	1	66	.1	7	6680	.1	9	24	24630	600	13	6100	220	1	140	11	760	31	1	18	1	1	80.5	44	1	1	1	37	5
M91-86S	.4	18430	1	1	44	.1	7	6020	.1	9	19	28160	480	10	3720	172	1	110	4	1310	31	1	17	1	1	93.2	30	1	1	1	39	5
M91-87S	.6	14230	1	1	69	.2	6	8390	.1	9	27	22210	650	9	6080	273	1	160	14	990	28	1	21	1	1	80.0	34	1	1	1	35	5
M91-88S	.6	20830	1	1	61	.4	5	5410	.1	12	29	29660	530	13	5420	265	1	100	13	1900	34	1	12	1	1	82.2	73	1	1	1	43	5
M91-89S	.3	24330	1	1	63	.2	6	4860	.1	10	16	31030	370	16	2970	250	1	90	3	2430	35	1	12	1	1	90.3	57	1	1	1	38	10
M91-90S	.4	21350	1	1	67	.4	5	5740	.1	13	38	32650	570	13	6820	273	1	120	16	1510	37	1	14	1	1	96.6	46	1	1	1	47	5
M91-91S	.5	24830	1	1	67	.5	6	6350	.1	14	37	35330	670	15	6780	370	1	120	19	2260	42	1	16	1	1	103.2	54	1	1	2	51	5
M91-92S	.8	21360	1	1	79	.2	6	6990	.1	13	34	31140	720	12	6030	403	1	1000	15	2030	40	1	19	1	1	94.0	67	1	1	1	46	5
M91-93S	1.0	18940	1	1	64	.1	7	7470	.1	11	28	28390	720	11	5580	256	1	500	10	1400	34	1	24	1	1	91.5	35	1	1	1	41	5
M91-94S	.5	23520	1	1	92	.3	7	7470	.1	12	35	37700	780	12	6240	260	1	620	9	1740	41	1	24	1	1	110.1	39	1	1	2	52	10
M91-95S	.9	21540	1	1	80	.3	8	7740	.1	14	44	34630	780	13	6890	290	1	160	18	1250	37	1	26	1	1	108.6	42	1	1	2	52	5
M91-96S	1.0	21710	5	1	89	.1	7	7510	.1	11	35	28470	750	13	6910	280	1	1050	16	1010	39	1	22	1	1	89.1	42	1	1	1	44	5
M91-97S	.9	22380	1	1	93	.4	7	7490	.1	14	37	34320	800	16	8390	394	1	170	14	1200	40	1	23	1	1	103.3	48	1	1	1	48	5
M91-98S	.9	25710	1	1	87	.5	7	7190	.1	12	39	30760	920	16	7320	265	1	940	19	1050	40	1	20	1	1	94.2	55	1	1	1	46	5
M91-99S	1.1	22060	1	1	76	.1	7	7400	.1	11	30	26870	820	13	6340	241	1	820	13	910	34	1	23	1	1	86.8	37	2	1	1	41	5
M91-100S	.7	27690	1	1	101	.5	7	6670	.1	18	34	36790	1040	17	6970	341	1	660	26	1720	43	1	22	1	1	93.4	103	1	1	2	54	5
M91-101S	.8	22460	1	1	73	.2	7	6520	.1	12	26	33190	740	14	5090	297	1	580	10	1800	39	1	19	1	1	99.3	48	1	1	1	44	5
M91-102S	.6	22820	1	1	61	.2	6	5560	.1	11	23	30050	560	14	4530	224	1	540	11	1560	37	1	15	1	1	90.0	40	1	1	1	42	10
M91-103S	.6	21080	1	1	63	.3	6	6230	.1	13	31	31270	600	13	6070	584	1	680	13	2150	40	1	16	1	1	91.1	58	1	1	1	45	5
M91-104S	1.2	21370	1	1	71	.2	7	7620	.1	13	33	37230	760	17	6730	294	1	840	16	1490	44	1	22	1	1	109.5	70	1	1	2	51	5
M91-105S	.7	16530	1	1	76	.2	7	7960	.1	12	32	32400	920	12	6070	279	1	140	11	1760	36	1	21	1	1	102.7	52	1	1	1	45	5
M91-106S	.7	21250	1	1	74	.2	6	7360	.1	13	29	34900	800	17	6660	263	1	130	13	1240	39	1	19	1	1	101.8	68	1	1	1	46	5
M91-107S	.9	16400	1	1	72	.2	6	7490	.1	11	25	24330	680	15	6840	321	1	140	13	600	28	1	19	1	1	73.8	57	1	1	1	35	10
M91-108S	.9	22180	1	1	77	.1	9	8630	.1	13	35	34280	970	17	8590	351	1	180	15	1320	40	1	23	1	1	107.0	60	1	1	1	50	10
M91-109S	.7	26910	1	1	81	.3	8	7910	.1	13	35	36430	820	18	7520	310	1	180	14	1730	40	1	21	1	1	108.2	63	1	1	1	52	5
M91-110S	.7	15220	1	1	68	.2	6	8160	.1	11	31	30650	630	11	6210	259	1	140	12	1210	32	1	19	1	1	97.0	37	1	1	1	44	5
M91-111S	.8	14100	1	1	57	.1	6	7060	.1	8	22	20600	530	10	6130	222	1	120	11	880	24	1	16	1	1	69.9	38	1	1	1	34	5
M91-112S	.1	16530	1	5	96	.1	5	7600	.1	11	29	22240	530	13	6770	362	1	210	13	740	30	1	18	1	1	74.3	52	1	1	1	36	5
M91-113S	.1	18640	1	3	77	.2	5	7390	.1	10	25	28700	590	15	6950	246	1	200	12	1410	29	1	18	1	1	91.5	49	1	1	1	40	5
M91-114S	.5	19040	1	1	102	.1	7	9170	.1	12	38	29080	1040	15	8730	490	1	340	14	860	36	1	27	1	1	94.8	67	1	1	1	46	5
M91-115S	.1	18620	1	1	115	.2	7	7740	.1	14	31	41230	850	17	6110	503	1	190	10	2310	42	1	25	1	1	124.5	81	1	1	2	50	5
M91-116S	.4	20890	1	1	92	.3	7	9090	.1	14	33	33360	1000	14	7410	348	1	260	14	1780	38	1	27	1	1	105.2	61	1	1	1	45	5
M91-117S	.4	24210	1	1	110	.4	7	8940	.1	14	51	32830	940	14	7690	364	1	250	19	1460	38	1	25	1	1	109.7	54	1	1	1	47	5
M91-118S	.3	23410	1	1	110	.6	5	7380	.1	13	46	33090	1040	17	8510	525	1	580	21	870	40	1	19	1	1	99.4	80	1	1	1	47	10
M91-119S	.4	19530	1	1	91	.3	7	8700	.1	12	34	34580	890	15	6960	325	1	230	13	1720	38	1	23	1	1	107.5	60	1	1	1	45	5
M91-120S	.5	17900	1	1	81	.4	8	8600	.1	13	40	30080	1060	13	8020	410	1	260	17	1190	36	1	24	1	1	93.6	44	1	1	2	46	5
M91-121S	.3	20160	1	1	84	.2	7	7860	.1	12	34	31670	810	16	7760	301	1	210	14	1500	31	1	22	1	1	97.0	50	1	1	1	46	5
M91-122S	.5	16490	1	1	65	.1	7	7150	.1	9	27	23860	800	10	6760	264	1	200	11	760	28	1	20	1	1	82.6	38	1	1	1	35	5
M91-123S	.4	18820	1	1	80	.1	7	7340	.1	11	29	27090	770	14	7850	322	1	210	13	1160	29	1	17	1	1	85.7	61	1	1	1	39	5
M91-124S	.4	15740	1	1	63	.1	6	6770	.1	11	28	27050	760	12	7240	317	1	190	9	750	33	1	15	1	1	84.2	52	1	1	1	39	5
M91-125S	.4	18190	1	1	64	.2	6	7340	.1	11	31	34060	660	13	6360	268	1	180	11	1420	38	1	17	1	1	100.7	49	1	1	1	44	5
M91-126S	.5	19150	1	1	83	.2	7	7730	.1	11	30	31400	740	14	6880	270	1	190	12	1310	34	1	20	1	1	101.5	53	1	1	1	42	5
M91-127S	.7	20020	1	1	82	.1	8	8050	.1	13	31	33470	760	15	8270	307	1	170	13	1090	34	1	22	1	1	101.2	66	1	1	1	49	10
M91-128S	.8	22230	1	1	60	.4	8	7310	.1	13	37	34370	750	15	7140	280	1	180	12	1820	37	1	17	1	1	106.9	59	1	1	1	48	5
M91-129S	.5	27430	1	1	68	.6	9	7350	.1	18	62	52490	940	21	10490	365	1	190	17	2160	53	1	17	1	1	161.6	67	1	1	3	71	5
M91-130S	.4	18060	1	1	85	.2	6	7840	.1	11	28	31110	810	14	5560	275	1	560	7	2020	36	1	19	1	1	96.4	93	1	1	1	43	10
M91-131S	.3	23720	1	1	80	.3	7	6850	.1	13	38	32520	780	15	6750	266	1	530	14	1570	39	1	17	1	1	98.7	58	1	1	1	49	5
M91-132S	.5	19110	1	1	94	.1	8	9100	.1	13	33	30210	800	17	8790	322	1	280	13	780	33	1	24	1	1	110.2	36	1	1	2	46	15
M91-133S	.4	26940	1	1	79	.2	8	6790	.1	14	28	37460	890	19	6360	262	1	170	13	1980	41	1	19	1	1	109.8	83	1	2	2	49	5
M91-134S	.9	19780	1	1	68	.1	8	6850	.1	10	24	30100	730	13	5250	281	1	170	8	1650	34	1	21	1	1	97.9	47	1	2	1	40	5
M91-135S	.7	21590	1	1	114	.2	7	9500	.1	15	40	34780	950	18	8310	434	1	250	19	990	42	1	26	1	1	117.3	56	1	1	2	53	5
M91-136S	.7	24660	1	1	89	.2	8	8940	.1	14	45	37670	1130	18	8570	323	1	230	18	1470	40	1	26	1	1	116.1	56	1	1	2	56	5
M91-137S	1.0	23630	1	1	81	.2	8	7340	.1	13	26	33990	1070	21	6770	282	1	220	11	1210	40	1	22	1	1	99.1	74	1	1	1	45	5
M91-138S	.5	21140	1	1	65	.1	8	7430	.1	12	26	33980	830	16	5810	362	1	190	8	1720	37	1	22	1	1	107.7	75	1	1	1	44	5
M91-139S	.7	16560	1	1	101	.1	7	7340	.1	9	24	23660	660	9	5740	241	1	160	9	870	27	1	21	1	1	79.8	48	1	1	1	37	5
M91-140S	.6	19940	1	1	75	.3	8	7400	.1	12	31	28940	790	13	8030	341	1	180	15	870	34	1	19	1	1	91.7	49	1	2	1	44	5
M91-141S	.1	21360	1	1	94	.3	5	6070	.1	11	36	32420	560	17	6840	250	1	140	15	1210	36	1	14	1	1	86.6	57	1	1	1	42	10

COMP: D.L. COOKE & ASSOC.
PROJ: MAY GROUP
ATTN: D.L.COOKE

MIN-EN LABS — ICP REPORT

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

FILE NO: 1V-0559-SJ
DATE: 91/06/2
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
M91-142S	.8	17450	1	5	96	.1	5	6570	.1	10	23	29620	630	18	5220	275	1	650	8	1110	37	1	17	1	1	92.8	70	1	1	1	40	15
M91-143S	.3	18110	1	3	95	.1	7	6960	.1	12	27	38380	780	13	6220	271	1	240	7	1410	39	1	17	1	1	122.6	44	1	1	1	45	5
M91-144S	.7	16620	1	2	80	.1	8	10640	.1	12	31	27180	1020	12	7320	397	1	290	14	1050	29	1	27	1	1	94.8	36	1	1	1	43	5
M91-145S	.9	22410	1	1	92	.1	8	8010	.1	11	25	31460	970	18	7010	283	1	760	9	1140	34	1	25	1	1	100.0	55	1	2	1	43	5
M91-146S	1.0	18400	1	1	81	.1	8	8630	.1	10	20	25940	1380	12	6390	473	1	690	10	810	33	1	28	1	1	87.2	50	1	2	1	38	10
M91-147S	.6	26800	1	1	79	.3	8	7520	.1	14	38	42170	1090	20	8000	318	1	770	12	1340	47	1	25	1	1	117.8	51	1	1	1	52	10
M91-148S	.6	27340	1	1	87	.5	6	7270	.1	14	38	37910	1000	23	8420	328	1	620	17	1290	43	1	22	1	1	103.1	83	1	1	2	50	5
M91-149S	1.0	26300	1	1	112	.2	8	8470	.1	15	45	40750	1180	23	9520	375	1	590	17	1280	48	1	28	1	1	121.3	81	1	1	2	53	5
M91-150S	.8	22000	1	1	80	.1	8	8030	.1	12	33	36060	990	17	7380	302	1	1230	9	1190	42	1	26	1	1	112.0	52	1	1	1	46	5
M91-151S	.9	22590	1	1	77	.1	8	7240	.1	13	30	35260	1100	17	7420	332	1	700	11	910	38	1	22	1	1	109.8	66	1	1	2	50	5
M91-152S	.9	24410	1	1	100	.1	8	7540	.1	12	32	33610	890	18	7100	287	1	590	10	1010	38	1	24	1	1	103.0	55	2	1	1	47	5
M91-153S	.7	18850	1	1	83	.1	8	8100	.1	11	24	31700	780	13	6310	247	1	740	9	1640	33	1	25	1	1	107.9	59	1	1	2	45	5
M91-154S	.9	19460	1	1	97	.1	8	9350	.1	12	31	36150	930	16	7760	314	1	890	9	1920	38	1	32	1	1	114.3	59	1	1	1	49	5
M91-155S	.7	18050	1	1	93	.1	6	8240	.1	12	38	31640	880	13	6980	365	1	230	17	1330	34	1	22	1	1	96.0	43	1	1	1	47	5
M91-156S	.7	22480	1	1	67	.3	6	5700	.1	12	37	30720	650	16	6400	234	1	170	15	1350	36	1	14	1	1	82.8	49	1	1	1	42	10
M91-157S	1.0	24240	1	1	111	.3	6	6530	.1	14	37	30900	850	18	7850	507	1	700	19	770	38	1	17	1	1	84.7	65	1	1	1	47	5
M91-158S	1.2	16200	4	1	72	.1	5	5740	.1	8	22	22670	610	12	5400	245	1	150	14	830	29	1	13	1	1	66.4	53	1	1	1	34	5
M91-159S	.7	23540	1	1	65	.2	5	5420	.1	10	31	31530	690	23	7250	230	1	120	17	1200	40	1	12	1	1	78.9	68	1	1	1	42	5
M91-160S	1.1	26090	1	1	61	.2	6	6450	.1	14	53	40820	800	18	6660	367	1	620	18	1500	48	1	17	1	1	112.5	132	1	1	2	52	10
M91-161S	.7	24370	1	1	100	.2	8	8770	.1	14	46	35470	1050	16	9240	358	1	730	18	1070	39	1	29	1	1	108.6	57	1	1	2	52	10
M91-162S	.5	14560	1	1	121	.1	6	7360	.1	8	22	30330	780	9	3820	172	1	160	3	1560	31	1	20	1	1	99.4	52	1	1	1	36	5

LEGEND

- Rock Outcrop
- ▲ Rock Sample; 202 ppm Cu, 25 ppb Au
  30R : 202, 25
- • Soil Sample; 50 ppb Au
  31S, 50 (Assays of < 10 ppb Au - Not plotted)
- Soil Sample Line
- Claim Boundary
- ⊡ Claim Post
- Logging Road
- Logged Areas
- Contour in Metres

100 50 0 100 200 300 400 500
METRES

MT. MILLIGAN AREA

MAY 1 - 3 MINERAL CLAIMS

SAMPLE LOCATION, AND
PPB GOLD

OMINECA M.D. N.T.S.930/4W

D. L. COOKE & ASSOCIATES LTD.

Drawn By: DLC Date: Sept./91

1 : 10,000 Figure 3