

4580

GEOCHEMICAL REPORT
ON THE
TETS GROUP OF MINERAL CLAIMS

Located Six Miles North-east of Twinkle Lake, B.C.

Claim Map 39M

N.T.S. Location 93-E-15

Latitude 53°52'

Longitude 126°55'

by

George W. Zbitnoff, P. Eng.

for

Department of Mines and Petroleum Resources ALLEGHENY REPORT NO. 4580 MAP.....
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Granges Exploration Aktiebolag

June 29th to August 17th, 1973

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INTRODUCTION:

The TETS group of mineral claims was originally staked by J. Shelford, Prospector of Burns Lake to surround showings of copper and zinc mineralization.

The property was subsequently optioned to Sibola Copper Mines Ltd. of Burns Lake who in turn optioned the property to Granges Exploration Aktiebolag of Vancouver.

The occurrence of copper and zinc mineralization on the property warranted a soil geochemical survey in order to further evaluate the potential of the TETS group. This survey was carried out between June 29th to August 17th, 1973, under the writer's supervision. This report describes the work, method used and results.

LOCATION AND ACCESS:

The TETS claims are located approximately 6 miles north-east of Twinkle Lake, which is 40 miles south of Houston, B.C. A logging road is presently being built across the southern portion of the claim group. The men and equipment were moved by truck via the Houston-Tahtsa Road and flown by helicopter into the claim area. The same procedure was used for servicing the camp. The claim area is shown on Claim Map No. 39M and occurs on Topographic Map 93-E-15.

TOPOGRAPHY AND CLIMATE:

The elevation of the property ranges from 3300 feet to 4700 feet. The hills are rolling and steep with a few

rugged areas. There are some grassy meadows and low lying swamps. The majority of the timber at higher elevations is of commercial value. The topography has been modified somewhat by glaciation as the major portion of the property is covered by overburden. This overburden cover may vary in depth from 0-30 feet.

The climate is of a temperate nature with warm summers and cold winters, with an average snowfall. Mining exploration in this area is more easily done during the summer months.

CLAIMS SURVEYED:

This geochemical survey covered all or parts of the following claims: TETS 3 to TETS 54.

GEOLOGICAL SETTING:

The majority of the area is overlain by overburden, except at the higher elevations. Here exposures of highly altered and sheared volcanics of the Hazelton group are exposed as is inferred by G.S.C. Map No. 1064A, Whitesail Lake Sheet.

Mineralization consisting of chalcopyrite, sphalerite, with minor amounts of galena and pyrite have been noted in the claim area. Several of these showings, i.e. 1 to 5, have been noted on Map 1. Due to the overburden cover it is difficult to evaluate the true mineral

potential of the property by visual means.

LINE CUTTING AND CONTROL:

The zero point of the control grid is the Number 1 post of TETS 35 and TETS 36. Using this as the starting point the remainder of the grid was run by blazing a magnetic north-south 00 tie baseline. Magnetic east-west baselines were then blazed at 3000 foot intervals as shown on Maps 1 to 5. These baselines are marked as 0+00 BL, 30E BL, 60E BL and 90E BL. The intermediate lines, run at 400 foot intervals from 40S to 60N were flagged using chain and compass as control. Whilst establishing the grid the locations of claim posts were noted and are now shown on Map 1.

The intermediate lines were flagged and not blazed thus causing negligible tree damage.

Geochemical soil samples were taken at 200 foot intervals down the intermediate lines, and the locations marked by pickets and/or ribbons.

SAMPLING PROCEDURE:

1. Horizon sampled: A portion of the area was covered with overburden consisting of some glacial till. Some deep organic material was encountered in the low lying areas. However, over much of the area a definite "B" horizon

is established at a depth of 8 to 10 inches below surface. If the "B" horizon was not reached in the areas of deep organic material a sample was taken and analyzed.

2. Sampling and packaging: The samples were taken by 2 two-man crews using round-mouth spades. Samples were put into heavy Kraft envelopes supplied by Acme Analytical Laboratories Ltd. of Vancouver. Care was taken to avoid contamination of the samples.
3. Drying, screening, sample preparation and analysis:
The samples were first hung on a string line at camp for drying. Further drying, screening and analysis was done by Acme Analytical Laboratories Ltd., 6455 Laurel Street, Burnaby 2, B.C., in the following manner:
If the samples required further drying they were placed in electric dryers to dry at 150-160°F for 24 hours prior to screening. The samples are then screened to 80 mesh, then 0.5 grams of the sample is digested in nitric and perchloric acid and diluted to 10 milliliters. Determinations for copper, molybdenum, lead, zinc and silver were then carried out on a Perkin Elmer 305 Atomic Absorption Spectrometer. Standard deviation for this procedure is 5 to 10%.

Detectable Limits:

Copper	2 ppm
Molybdenum	1 ppm
Lead	2 ppm
Zinc	2 ppm
**Silver	0.1 ppm

** with deuterium background corrector

All samples were analyzed for molybdenum, copper, zinc, lead and silver.

RESULTS AND INTERPRETATION:

A copy of the results accompany this report. As many of the samples were of background level it is not necessary to construct histograms to determine the threshold of anomalous values, these tend to stand out quite well.

A generally anomalous area at 44E to 60E from 4S to 28N was located and this coincides closely to the noted locations of mineralization, i.e. locations 1 to 5 on Map 1.

Copper values as noted on Map 1 are mainly of background, except in the above mentioned area. Several single high readings are noted and should be further investigated.

Zinc values tend to be much more erratic, but there is a higher response in the same general area as that noted for copper. These values are indicated on Map 2.

Silver values as plotted on Map 3 do not show any significant patterns, but do have some highs in the vicinity of the known showings.

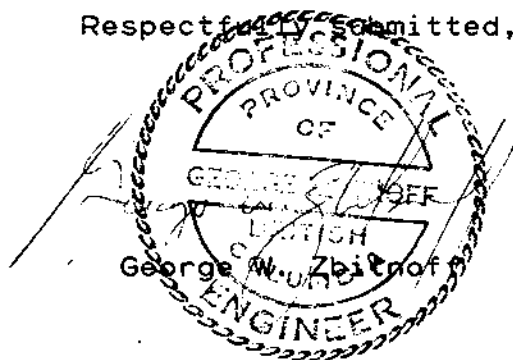
Lead values are mainly of background level except in the following area, 56E to 60E from 4S to 28N as shown on Map 4. Molybdenum values are generally of background nature, except for one erratic value located on Map 5.

CONCLUSIONS AND RECOMMENDATIONS:

Mineralization of an economic nature and a corresponding general zone of anomalous geochemical values have been located as a result of this survey.

It is recommended that an Induced Polarization survey be carried out over the anomalous geochemical area to determine the extent of mineralization. Should the results of the Induced Polarization survey have encouraging results, diamond drilling of anomalies is then recommended to truly evaluate the property.

Respectfully submitted,



September 6, 1973

STATEMENT OF COSTS:

Sampler	No. of Days	From-To	Rate	Total \$
F.J. Hemelspeck Lead	27	June 29 to Aug.5	\$ 50/day	1,350.00
H. Krause Lead	24	June 30 to July 24	\$ 50/day	1,200.00
D. Dyck Helper	22	June 30 to Aug.6	\$ 25/day	550.00
J. Ager Helper	21	July 3 to July 28	\$ 35/day	735.00
J. Carnegie Helper	27	July 5 to July 31	\$ 600/mo.	522.45
M. Prew Draftsman	8	Aug.1 to Aug.17	\$1,225/mo.	426.10
G. Zbitnoff Engineer	3	June 30 to Aug.17	\$1,708.33/mo.	222.85
Transportation for supplies and men				4,781.29
Board costs (124 man days @ \$7.65/man day)				952.32
Geochemical Analysis				615.48
TOTAL:				\$11,355.49

Declared before me at the *City*
of *Vancouver*, in the
Province of British Columbia, this *10th*
day of *September*, 19*13*, A.D.

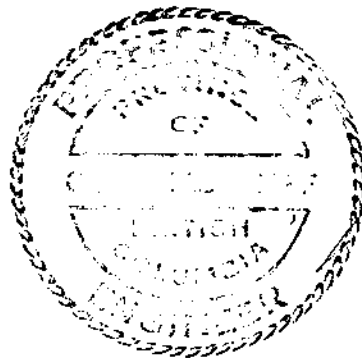
George W. Zbitnoff

Jan Paul SUB-MINING RECORDER
A Commissioner for taking Affidavits within British C
A Notary Public in and for the Province of British C

STATEMENT OF QUALIFICATIONS: George W. Zbitnoff

- I graduated in November 1963 from the University of Saskatchewan with a B.A. in Geological Sciences.
- I have spent the past 11¹/₂ years in Mining exploration in all parts of Canada.
- I have several years experience with geochemical exploration techniques.
- I am a registered Professional Engineer in the Provinces of Manitoba and British Columbia.

Signed



George W. Zbitnoff, P.Eng.

TO Granges Exploration **ACME ANALYTICAL LABORATORIES LTD.**
 Assaying & Trace Analysis
 6455 Laurel St., Burnaby 2, B.C.
AB
1060-1055 W. Hastings St.,
Vancouver 1, B.C.

Tel: 299-5242

File No. 2402

Type of Samples Soils

Disposition 1 year

ANALYSES CERTIFICATE

1

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-BL+ 00E	4	36	42	385	2.9					01
02	2E	1	37	23	310	.5					02
03	4	2	19	15	112	.4					03
04	6	1	16	12	144	.2					04
05	8	1	26	16	132	.4					05
06	10	2	39	23	168	.4					06
07	12	2	27	16	130	.4					07
08	14	1	24	19	128	.4					08
09	16	1	36	26	205	.7					09
10	18	1	22	15	132	.2					10
11	20	1	23	17	162	.4					11
12	22	1	40	26	210	.4					12
13	24	1	13	13	74	.3					13
14	26	1	22	22	140	.3					14
15	28	3	72	36	305	.8					15
16	30	1	14	17	98	.2					16
17	32	1	70	13	38	.5					17
18	34	1	63	40	290	.5					18
19	36	1	29	29	190	.4					19
20	38	1	13	18	90	.2					20
21	40	1	25	17	118	.2					21
22	42	2	28	24	194	.2					22
23	44	1	350	32	178	.4					23
24	46	1	28	20	162	.4					24
25	48	1	29	18	124	.2					25
26	50	2	22	22	164	.3					26
27	52	2	22	20	130	.3					27
28	54	1	28	24	172	.2					28
29	56	1	18	19	220	.3					29
30	58	1	17	19	240	.2					30
31	Tet-BL+ 60E	2	25	26	200	.2					31
32											32
33	Tet- BL+ 2W	1	16	16	130	.2					33
34	4	1	26	21	98	.3					34
35	6	1	19	18	112	.3					35
36	8	2	22	16	98	.2					36
37	10	1	24	22	146	.3					37
38	12	1	24	17	110	.2					38
39	Tet-BL+14W	1	23	13	82	.1					39
40											40

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ANALYSES CERTIFICATE

File No. 2402

Type of Samples Soils

Disposition 1 year

No.	Sample	Mo	Cu	Pb	Zn	Ag						No.
01	Tet-4+N- 0E	2	19	18	122	.3						01
02	2	2	47	30	176	2.0						02
03	4	2	18	15	124	.3						03
04	6	2	72	33	255	1.0						04
05	8	1	26	17	100	.2						05
06	10	2	57	29	188	.6						06
07	12	2	76	56	250	.8						07
08	14	2	76	40	225	.8						08
09	16	1	33	22	142	.3						09
10	18	1	19	14	114	.2						10
11	20	1	24	19	138	.2						11
12	22	1	50	31	265	.8						12
13	24	1	12	16	84	.1						13
14	28	1	10	19	132	.1						14
15	30A	1	26	21	134	.4						15
16	30B	1	10	15	88	.2						16
17	32	1	26	23	110	.2						17
18	34	1	26	30	122	.3						18
19	36	1	130	34	130	.2						19
20	38	1	64	31	162	.6						20
21	40	1	23	24	146	.2						21
22	42	1	36	29	184	.3						22
23	44	1	47	27	160	.2						23
24	46	1	26	22	124	.1						24
25	48	1	135	28	210	.4						25
26	50	1	24	42	172	.3						26
27	52	1	26	19	156	.2						27
28	54	1	58	48	890	1.4						28
29	56	1	66	50	255	.7						29
30	58	1	175	40	300	.7						30
31	Tet-4+N+60E	1	24	26	260	.2						31
32												32
33	Tet-4N+ 2W	1	12	15	96	.2						33
34	4	1	26	22	108	.2						34
35	6	1	19	17	98	.1						35
36	8	1	20	19	130	.1						36
37	10	1	22	16	114	.1						37
38	12	1	32	18	102	.1						38
39	Tet-4N+14W	1	22	20	152	.2						39
40												40

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Assaying & Trace Analysis
6455 Laurel St., Burnaby 2, B.C.

Tel: 299 5242

1060-1055 W. Hastings St.,
Vancouver 1, B.C.

File No. 2402

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

No.	Sample	Mo	Cu	Pb	Zn	Ag						No.
01	Tet-6N+ OE	2	21	20	122	.1						01
02												02
03	Tet-8N+ OE	3	36	20	168	.3						03
04	4	2	18	17	152	.1						04
05	6	1	17	15	78	.2						05
06	8	2	28	20	142	.3						06
07	10	2	33	22	138	.4						07
08	12	2	19	18	108	.2						08
09	14	2	16	17	98	.2						09
10	16	1	24	17	140	.3						10
11	18	1	30	20	132	.4						11
12	20	1	27	20	128	.3						12
13	22	2	26	22	140	.3						13
14	24	2	17	23	150	.4						14
15	26	1	18	16	110	.3						15
16	28	2	14	17	96	.3						16
17	30	1	10	15	98	.2						17
18	32	2	88	44	275	1.2						18
19	34	2	20	28	132	.4						19
20	36	1	21	20	148	.2						20
21	38	2	25	49	180	.3						21
22	40	1	20	23	200	.4						22
23	42	2	18	21	132	.2						23
24	44	2	20	25	168	.3						24
25	46	2	44	40	192	.4						25
26	48	2	42	28	170	.4						26
27	50	2	84	25	182	.3						27
28	52	1	44	19	116	.2						28
29	54	1	32	25	100	.2						29
30	56	1	340	47	280	.3						30
31	58	1	122	50	335	.8						31
32	Tet-8N+6OE	1	82	37	1500	.6						32
33												33
34	Tet-8N+ 2W	1	36	19	88	.2						34
35	4	1	18	16	120	.2						35
36	6	1	19	20	110	.3						36
37	8	1	50	28	132	.1						37
38	10	1	26	22	148	.2						38
39	12	2	23	27	136	.4						39
40	Tet-8N+14W	1	18	17	90	.2						40

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Tet-8N+2E - N. S.

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4

No.	Sample	Mo	Cu	Pb	Zn	Ag						No.
01	Tet-12N+ 0E	1	17	18	74	.2						01
02	2	1	70	38	255	.7						02
03	4	2	118	45	270	1.1						03
04	6	1	25	20	112	.1						04
05	8	1	44	27	150	.4						05
06	10	1	22	19	82	.2						06
07	12	1	27	23	112	.3						07
08	14	1	14	16	88	.2						08
09	16	2	44	25	225	.7						09
10	18	2	24	22	128	.7						10
11	20	1	18	20	110	.4						11
12	22	1	13	20	62	.3						12
13	24	2	19	22	124	.3						13
14	26	1	14	14	108	.2						14
15	28	1	17	23	132	.2						15
16	30	1	15	20	78	.3						16
17	32	N.	S.									17
18	34	1	21	20	100	.4						18
19	36	1	21	22	166	.3						19
20	38	1	50	24	124	.7						20
21	40	1	16	23	92	.5						21
22	42	1	13	20	110	.5						22
23	44	2	200	33	220	2.9						23
24	46	1	43	28	260	.5						24
25	48	1	26	18	120	.2						25
26	50	2	35	30	158	.4						26
27	52	2	56	38	250	.5						27
28	54	1	27	22	152	.2						28
29	56	2	74	27	138	1.6						29
30	58	2	50	36	220	.5						30
31	Tet-12N+60E	2	30	30	210	.3						31
32												32
33	Tet-12N+ 2W	1	43	30	210	2.3						33
34	4	2	36	20	108	.4						34
35	6	10	24	16	122	.5						35
36	8	12	62	28	140	1.2						36
37	10	2	19	22	148	.2						37
38	12	1	27	22	178	.3						38
39	Tet-12N+14W	2	32	31	230	.5						39
40												40

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Type of Samples Soils

Disposition _____

5

No.	Sample	Mo	Cu	Pb	Zn	Ag						No.
01	Tet 16N+0E	2	52	28	120	1.8						01
02	2E	3	54	34	215	1.1						02
03	4	1	14	17	84	.1						03
04	6	2	96	37	290	1.0						04
05	8	1	48	26	200	.5						05
06	10	3	66	45	245	.9						06
07	12	1	24	19	100	.4						07
08	14	1	27	18	120	.4						08
09	16	1	22	20	94	.2						09
10	18	1	34	24	162	.4						10
11	20	1	22	15	90	.2						11
12	22	1	22	17	112	.2						12
13	24	1	13	19	120	.2						13
14	26	1	22	23	132	.3						14
15	28	1	34	27	220	.4						15
16	30	1	16	31	148	.2						16
17	32	1	12	22	78	.3						17
18	34	2	16	7	48	.2						18
19	36	1	26	26	142	.3						19
20	38	1	28	16	134	.3						20
21	40	1	24	23	152	.3						21
22	42	2	68	70	150	.5						22
23	44	1	29	22	180	.3						23
24	46	1	27	18	112	.2						24
25	48	1	23	21	115	.1						25
26	50	1	24	25	122	.2						26
27	52	1	27	27	180	.2						27
28	54	2	48	33	240	.3						28
29	56	1	38	35	220	.6						29
30	58	1	160	106	1400	4.7						30
31	Tet 16N+58E	1	160	106	1400	4.7						31
32												32
33	Tet 16N 2W	NS										33
34	4	2	27	26	172	.4						34
35	6	2	25	24	178	.3						35
36	8	1	12	15	88	.1						36
37	10	1	13	14	114	.1						37
38	12	1	13	13	62	.1						38
39	Tet 16N+14W	2	43	17	80	.8						39
40												40

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1060-1055 W. Hastings St.,

Type of Samples Soils

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Disposition 1 year

6

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-20N+ 0E	8	36	34	100	.9					01
02	2	1	23	8	10	.5					02
03	4	3	58	34	192	.9					03
04	6	1	18	19	122	.2					04
05	8	2	24	20	138	.3					05
06	10	2	34	22	146	.4					06
07	12	2	36	21	154	.2					07
08	14	2	56	27	205	.5					08
09	16	2	23	18	102	.2					09
10	18	2	19	17	108	.3					10
11	20	1	20	18	130	.3					11
12	22	1	25	18	116	.3					12
13	24	3	24	23	182	.3					13
14	26	2	21	20	110	.3					14
15	28	2	15	20	114	.3					15
16	30	2	17	21	122	.3					16
17	32	1	37	21	130	.3					17
18	34	2	17	22	142	.3					18
19	36	1	19	17	138	.3					19
20	38	2	45	26	134	.3					20
21	40	2	20	22	122	.4					21
22	42	6	46	38	230	.5					22
23	44	2	46	30	192	.4					23
24	46	2	40	29	184	.6					24
25	48	2	30	23	160	.4					25
26	50	2	26	23	172	.4					26
27	52	2	34	23	142	.2					27
28	54	1	52	28	198	.4					28
29	56	1	26	20	130	.2					29
30	58	1	22	22	92	.2					30
31	Tet-20N+60E	1	26	22	154	.5					31
32											32
33	Tet-20N+ 2W	2	15	20	92	.2					33
34	4	2	24	25	158	.3					34
35	6	1	17	19	148	.3					35
36	8	2	27	22	150	.2					36
37	10	2	24	22	172	.3					37
38	12	1	25	17	122	.3					38
39	Tet-20N+14W	1	28	19	110	.3					39
40											40

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ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

7

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-24N- 0E	1	22	20	108	.3					01
02	2	5	66	50	230	1.0					02
03	4	1	16	15	146	.3					03
04	6	2	48	26	194	.5					04
05	8	6	62	38	198	.8					05
06	10	5	50	37	190	1.1					06
07	12	1	59	25	166	.6					07
08	14	1	23	18	124	.2					08
09	16	1	22	17	122	.2					09
10	18	1	43	26	200	.4					10
11	20	1	34	26	192	.4					11
12	22	1	20	21	130	.2					12
13	24	2	29	24	198	.3					13
14	26	2	62	42	250	.8					14
15	28	1	13	16	78	.2					15
16	30	2	14	20	90	.3					16
17	32	1	28	23	118	.3					17
18	34	2	106	48	200	2.3					18
19	36	1	15	17	110	.2					19
20	38	1	20	23	138	.4					20
21	40	1	18	18	118	.1					21
22	42	1	18	27	142	.2					22
23	44	1	22	19	102	.2					23
24	46	1	28	21	128	.2					24
25	48	2	23	38	170	.2					25
26	50	1	86	34	188	1.3					26
27	52	1	52	32	230	.7					27
28	54	1	24	22	108	.2					28
29	56	2	30	23	225	.3					29
30	58	2	30	24	215	.4					30
31	Tet-24N+60B	2	28	29	138	.5					31
32											32
33	Tet-24N+ 2W	2	20	22	198	.3					33
34	4	1	19	17	144	.1					34
35	6	1	32	25	150	1.8					35
36	8	2	13	20	126	.3					36
37	10	1	15	12	148	.2					37
38	12	1	14	15	100	.2					38
39	Tet-24N+14W	1	15	15	76	.1					39
40											40

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ANALYST Dean L. Taylor

Granges Exploration

ANALYTICAL LABORATORIES LTD.

Tel: 299-5242

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Assaying & Trace Analysis
6455 Laurel St., Burnaby 2, B.C.

1060-1055 W. Hastings St.,

File No. ~~2341~~ 2431

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-4S+ OE	1	15	17	104	.2					01
02	2	2	52	28	220	1.4					02
03	4	1	14	13	120	.1					03
04	6	1	18	17	150	.2					04
05	8	3	47	35	182	.5					05
06	10	2	27	28	184	.4					06
07	12	1	16	16	116	.1					07
08	14	1	16	15	104	.3					08
09	16	1	43	27	196	.5					09
10	18	1	18	22	176	.2					10
11	20	1	16	18	120	.2					11
12	22	1	13	22	94	.1					12
13	24	1	7	12	40	.1					13
14	26	1	18	23	144	.3					14
15	28	1	13	20	150	.4					15
16	30	1	14	22	106	.2					16
17	32	1	40	35	290	.3					17
18	34	1	142	60	500	.8	organic				18
19	36	1	76	34	186	.4					19
20	38	1	36	24	148	.1					20
21	40	1	25	17	130	.2					21
22	42	1	19	24	110	.1					22
23	44	1	23	20	205	.2					23
24	46	1	25	18	240	.2					24
25	48	1	24	17	180	.1					25
26	50	2	29	22	190	.1					26
27	52	1	27	22	156	.2					27
28	54	1	20	24	200	.2					28
29	56	1	21	24	240	.3					29
30	58	1	140	36	2200	.2					30
31	Tet-4S+60E	1	26	96	480	.3					31
32											32
33	Tet-8S+ OE	1	74	36	305	.8	organic				33
34	2	2	45	34	240	.6					34
35	4	1	16	14	112	.2					35
36	6	1	16	16	92	.2					36
37	8	1	14	16	136	.3					37
38	Tet-8S+10E	1	17	18	130	.3					38
39											39
40											40

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1060-1055 W. Hastings St.,

File No. 2431

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

2

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet- 8S+12E	1	72	32	175	1.3					01
02	14	1	54	24	74	1.0					02
03	16	1	36	24	132	1.2					03
04	18	1	14	17	100	.1					04
05	20	2	52	48	230	.8					05
06	22	1	16	28	106	.1					06
07	24	1	29	26	128	.1					07
08	26	1	27	14	30	.4					08
09	28	1	46	12	20	.4					09
10	30	1	46	26	142	.6					10
11	32	1	20	28	315	.6					11
12	34	1	16	26	116	.2					12
13	36	1	16	20	118	.1					13
14	38	1	15	18	90	.2					14
15	40	1	26	26	130	.2					15
16	42	1	28	28	190	.2					16
17	44	1	18	20	124	.1					17
18	46	2	37	30	205	.3					18
19	48	1	45	22	174	.5					19
20	50	1	23	20	176	.3					20
21	52	1	30	22	176	.3					21
22	54	1	19	18	275	.2					22
23	56	2	32	22	280	.3					23
24	58	1	210	128	350	1.4					24
25	Tet-8S +60E	1	20	20	144	.1					25
26											26
27	Tet-12S+ OE	1	12	18	74	.2					27
28	2	2	28	22	110	.2					28
29	4	1	23	18	130	.1					29
30	6	3	68	38	280	.6					30
31	8	1	16	16	160	.1					31
32	10	1	17	16	86	.1					32
33	12	1	16	20	96	.1					33
34	14	1	23	26	146	.2					34
35	16	1	27	24	160	.2					35
36	18	1	8	15	68	.1					36
37	20	1	9	17	52	.1					37
38	Tet-12S+22E	3	37	38	148	.5					38
39											39
40											40

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1060-1055 W. Hastings St.,

File No. 2431

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

3

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-12S+24E	1	15	16	186	.3					01
02	26	2	28	30	200	.4					02
03	28	1	27	21	186	.5					03
04	30	20	28	25	84	.6					04
05	32	2	21	26	220	.4					05
06	34	2	26	24	275	.7					06
07	36	1	19	26	225	.6					07
08	38	1	16	22	200	.3					08
09	40	2	18	20	300	.4					09
10	42	2	39	28	275	.4					10
11	44	2	36	29	210	.2					11
12	46	2	28	26	196	.3					12
13	48	1	24	25	192	.2					13
14	50	3	35	31	350	.5					14
15	52	2	16	25	280	.3					15
16	54	1	10	15	114	.2					16
17	56	1	14	24	340	.3					17
18	58	1	17	20	148	.2					18
19	Tet-12S+60E	1	17	14	118	.1					19
20											20
21	Tet-16S+ 0E	1	15	26	136	.3					21
22	2	1	18	24	140	.4					22
23	4	1	17	18	92	.2					23
24	6	1	40	29	290	.7					24
25	8	1	18	22	170	.3					25
26	10	2	14	20	104	.2					26
27	12	1	24	31	170	.3					27
28	14	1	10	11	78	.2					28
29	16	1	23	10	34	.6					29
30	18	1	7	12	70	.2					30
31	20	1	5	10	54	.1					31
32	22	1	8	16	58	.1					32
33	24	1	28	29	230	.2					33
34	26	3	56	38	335	.9					34
35	28	1	25	23	180	.3					35
36	30	2	94	41	310	1.2					36
37	32	1	28	20	260	.5					37
38	Tet-16S+34E	1	19	18	235	.3					38
39											39
40											40

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File No. 2431

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

4

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-16S+36E	1	16	15	192	.2					01
02	38	1	22	19	150	.2					02
03	40	1	22	21	215	.2					03
04	42	1	24	20	220	.3					04
05	44	1	21	20	164	.4					05
06	46	1	12	19	106	.1					06
07	48	1	45	23	265	.4					07
08	50	1	14	18	148	.2					08
09	52	1	35	24	220	.8					09
10	54	2	78	20	116	2.3					10
11	56	1	74	34	300	.5					11
12	58	1	11	17	182	.1					12
13	Tet-16S+60E	1	70	22	215	1.1					13
14											14
15	Tet-28N+ 0E	1	31	10	42	.6					15
16	2	1	12	19	110	.4					16
17	4	1	38	23	90	1.8					17
18	6	3	40	39	160	.5					18
19	8	3	49	26	220	.6					19
20	10	3	39	34	180	.5					20
21	12	2	36	27	190	.2					21
22	14	1	28	16	106	.3					22
23	16	2	56	34	235	1.0					23
24	18	1	21	16	110	.2					24
25	20	2	74	41	300	.9					25
26	22	1	48	36	240	.4					26
27	24	1	14	17	78	.2					27
28	26	3	48	35	330	.4					28
29	28A	2	17	18	172	.2					29
30	28	1	12	16	96	.1					30
31	30	1	16	14	160	.1					31
32	32	1	15	16	138	.3					32
33	34	1	26	33	182	.2					33
34	36	1	13	15	58	.2					34
35	38	3	13	19	108	.2					35
36	40	2	68	35	400	.5					36
37	42	2	26	28	174	.2					37
38	44	1	30	30	136	.1					38
39	Tet-28N+46E	1	19	23	104	.3					39
40											40

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File No. 2431

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

5

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-28N+48E	1	18	20	142	.2					01
02	50	1	23	24	122	.4					02
03	52	2	97	36	292	.3					03
04	54	1	19	21	112	.2					04
05	56	1	350	290	215	.7					05
06	58	2	134	29	128	1.4					06
07	Tet-28N+60E	1	22	26	182	.4					07
08											08
09	Tet-32N+14E	1	68	34	260	.6					09
10	16	1	12	12	76	.2					10
11	18	1	14	15	98	.3					11
12	20	1	15	14	168	.3					12
13	22	1	17	18	114	.2					13
14	24	1	26	28	150	.2					14
15	26	1	18	20	100	.2					15
16	28	1	25	26	134	.3					16
17	30	1	17	24	126	.2					17
18	32	1	34	35	192	.5					18
19	34	1	14	22	108	.2					19
20	36	1	37	24	205	.7					20
21	38	1	15	17	100	.3					21
22	40	1	25	25	210	.3					22
23	42	1	22	25	156	.7					23
24	44	1	18	20	166	.2					24
25	46	1	34	27	184	.4					25
26	48	1	40	27	154	.2					26
27	50	1	28	30	180	.6					27
28	52	1	20	23	138	.3					28
29	54	2	42	35	235	.4					29
30	56	1	11	20	120	.3					30
31	58	1	40	24	200	.5					31
32	Tet-32N+60E	3	33	26	200	.7					32
33											33
34	Tet-36N+14E	1	47	30	400	.6					34
35	16	1	16	16	102	.2					35
36	18	1	16	19	86	.2					36
37	20	1	14	23	140	.2					37
38	Tet-36N+22E	1	17	20	108	.1					38
39											39
40											40

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1060-1055 W. Hastings St.,
Vancouver 1, B.C.

ANALYSES CERTIFICATE

File No. 2431
 Type of Samples Soils
 Disposition 1 year

6

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-36N+24E	1	23	22	160	.2					01
02	26	3	16	23	184	.5					02
03	28	1	15	19	110	.3					03
04	30	2	26	24	124	.4					04
05	32	1	24	24	180	.3					05
06	34	2	24	29	132	.3					06
07	36	2	40	22	186	.4					07
08	38	5	44	17	48	.9		organic			08
09	40	1	26	21	136	.3					09
10	42	1	31	22	170	.2					10
11	44	1	9	16	62	.2					11
12	46	1	13	19	94	.2					12
13	48	1	20	28	118	.3					13
14	50	2	27	25	150	.3					14
15	52	1	22	26	112	.5					15
16	54	1	22	27	124	.4					16
17	56	1	20	25	210	.3					17
18	58	1	68	27	176	.3					18
19	Tet-36N+ 60E	1	23	22	155	.4					19
20											20
21	Tet-40N+14E	1	12	14	80	.1					21
22	16	1	9	13	80	.2					22
23	18	1	21	21	102	.2					23
24	20	1	17	17	132	.2					24
25	22	2	14	20	134	.2					25
26	24	1	23	21	146	.3					26
27	26	2	13	17	80	.1					27
28	28	1	16	13	108	.1					28
29	30	1	16	15	98	.2					29
30	32	1	23	18	98	.3					30
31	34	5	24	36	168	.9					31
32	36	1	19	21	172	.2					32
33	38	1	30	17	14	.2		organic			33
34	40	2	30	23	152	.4					34
35	42	1	27	26	146	.4					35
36	44	1	29	24	110	.2					36
37	46	1	14	19	100	.2					37
38	Tet-40N+48E	1	20	29	225	.6					38
39											39
40											40

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 ANALYST Dean Lipp

File No. 2431

Type of Samples Soils

Disposition 1 year

1060-1055 W. Hastings St.,
 Vancouver 1, B.C.

ANALYSES CERTIFICATE

7

No.	Sample	Mo	Cu	Pb	Zn	Ag						No.
01	Tet-40N+50E	1	19	19	205	.4						01
02	52	1	17	20	98	.2						02
03	54	1	17	19	104	.5						03
04	56	1	40	55	265	1.0						04
05	58	1	74	28	205	.9						05
06	Tet-40N+60E	1	17	18	108	.2						06
07												07
08	Tet-44N+14E	1	20	21	136	.2						08
09	16	2	44	30	150	.2						09
10	18	1	31	18	122	.2						10
11	20	2	20	19	136	.3						11
12	22	3	26	33	310	.1						12
13	24	1	22	19	120	.2						13
14	26	2	50	26	130	.1						14
15	28	1	22	18	112	.3						15
16	30	2	29	27	132	.2						16
17	32	1	17	21	128	.2						17
18	34	1	24	23	150	.2						18
19	36	1	17	17	118	.1						19
20	38	1	24	20	132	.2						20
21	40	2	57	27	112	.8						21
22	42	1	17	14	170	.1						22
23	44	1	13	19	100	.2						23
24	46	1	28	28	138	.1						24
25	48	1	31	42	164	.4						25
26	50	1	19	24	150	.2						26
27	52	1	20	19	136	.2						27
28	54	1	17	21	158	.1						28
29	56	1	25	26	154	.3						29
30	58	N. S.										30
31	Tet-44N+60E	1	16	23	156	.3						31
32												32
33	Tet-48N+14E	1	21	20	150	.1						33
34	16	1	11	6	12	.1						34
35	18	1	17	15	168	.1						35
36	20	1	15	18	120	.1						36
37	22	1	19	15	94	.1						37
38	24	1	15	18	130	.1						38
39	Tet-48N+26E	1	23	16	110	.1						39
40												40

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File No. 2431

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

8

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-48N+28E	1	29	22	124	.1					01
02	30	1	11	13	74	.1					02
03	32	1	19	18	110	.2					03
04	34	1	26	20	134	.2					04
05	36	1	14	17	90	.2					05
06	38	1	50	28	164	.1					06
07	40	2	38	28	170	.2					07
08	42	3	132	56	305	.7					08
09	44	2	62	28	200	.6					09
10	46	1	36	28	174	.4					10
11	48	2	18	20	100	.3					11
12	50	1	15	16	60	.2					12
13	52	1	18	20	96	.2					13
14	54	1	24	25	186	.6					14
15	56	1	17	19	140	.2					15
16	58	6	120	100	280	1.4		organic			16
17	Tet-48N+60E	1	30	22	170	.2					17
18											18
19	Tet-52N+14E	1	19	23	152	.2					19
20	16	2	22	24	124	.1					20
21	18	1	11	15	56	.2					21
22	20	1	27	20	138	.2					22
23	22	1	23	18	124	.2					23
24	24	1	14	16	72	.1					24
25	26	2	26	12	20	.3					25
26	28	2	13	16	88	.4					26
27	30	2	24	22	124	.3					27
28	32	2	22	20	108	.2					28
29	34	2	30	28	150	.2					29
30	36	7	26	16	20	.2					30
31	38	1	20	18	118	.6					31
32	40	1	19	19	96	.3					32
33	42	1	13	16	134	.2					33
34	44	1	23	26	230	.2					34
35	46	2	10	17	78	.2					35
36	48	1	36	24	196	.6					36
37	50	1	24	23	112	.3					37
38	Tet-52N+52E	1	22	24	112	.2					38
39											39
40											40

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 Type of Samples Soils
 Disposition 1 year

ANALYSES CERTIFICATE

9

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-52N+54E	1	14	22	68	.2					01
02	56	1	20	20	136	.4					02
03	58	2	48	30	210	.6					03
04	Tet-52N+60E	2	24	21	168	.3					04
05											05
06	Tet-56N+14E	2	27	19	136	.2					06
07	16	2	27	22	146	.3					07
08	18	1	32	24	164	.2					08
09	20	1	34	29	168	.2					09
10	22	1	25	23	200	.2					10
11	24	1	12	19	118	.2					11
12	26	1	24	20	88	.2					12
13	28	1	22	22	92	.2					13
14	30	1	26	17	110	.2					14
15	32	2	43	21	180	.2					15
16	34	1	20	19	84	.3					16
17	36	1	22	22	142	.2					17
18	38	1	28	23	102	.2					18
19	40	2	17	16	200	.2					19
20	42	2	24	28	132	.3					20
21	44	1	32	29	174	.2					21
22	46	2	20	19	100	.2					22
23	48	2	20	22	110	.2					23
24	50	1	22	21	110	.2					24
25	52	1	57	24	198	.5					25
26	54	2	29	27	162	.4					26
27	56	2	16	23	136	.4					27
28	58	1	15	19	110	.3					28
29	Tet-56N+60E	1	24	21	152	.5					29
30											30
31	Tet-60N+14E	1	22	19	116	.1					31
32	16	1	28	21	160	.1					32
33	18	1	32	22	215	.1					33
34	20	2	18	18	116	.2					34
35	22	3	28	27	140	.2					35
36	24	2	43	23	140	.3					36
37	26	1	11	14	92	.1					37
38	28	2	70	32	230	.8		organic			38
39	Tet-60N+30E	1	20	20	94	.1					39
40											40

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ANALYSES CERTIFICATE

File No. 2431

Type of Samples Soils

Disposition 1 year

10

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-60N+32E	2	30	12	36	.4					01
02	34	3	22	23	168	.3					02
03	36	1	16	14	90	.2					03
04	38	5	39	41	162	.6	organic				04
05	40	2	25	24	44	.2					05
06	42	1	14	21	114	.2					06
07	44	2	36	14	22	.6					07
08	46	1	12	13	164	.2					08
09	48	1	19	16	106	.3					09
10	50	1	50	19	148	.4					10
11	52	1	18	22	120	.1					11
12	54	1	14	21	130	.2					12
13	56	1	19	18	172	.4					13
14	58	1	16	22	108	.3					14
15	Tet-60N+60E	1	20	29	176	.3					15
16											16
17											17
18											18
19											19
20											20
21											21
22											22
23											23
24											24
25											25
26											26
27											27
28											28
29											29
30											30
31											31
32											32
33											33
34											34
35											35
36											36
37											37
38											38
39											39
40											40

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Type of Samples Soils

Disposition 1 year

1

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-20S- 0E	1	35	24	126	.5					01
02	2	1	17	24	130	.2					02
03	4	1	24	24	156	.2					03
04	6	1	26	32	340	1.1					04
05	8	2	27	28	152	.2					05
06	10	1	18	20	148	.3					06
07	12	1	16	19	104	.3					07
08	14	1	18	25	240	.3					08
09	16	1	12	24	140	.3					09
10	18	1	26	18	186	.5					10
11	20	1	35	28	144	.2					11
12	22	1	12	16	71	.1					12
13	24	1	13	16	102	.2					13
14	26	2	16	39	164	.3					14
15	28	1	12	15	60	.2					15
16	30	2	40	26	268	.4					16
17	32	1	30	22	215	.5					17
18	34	1	24	19	182	.3					18
19	36	2	37	26	240	.4					19
20	38	2	23	17	142	.2					20
21	40	1	18	16	170	.2					21
22	42	1	11	15	52	.2					22
23	44	1	14	20	250	.2					23
24	46	1	28	18	162	.2					24
25	48	1	21	19	150	.2					25
26	50	1	12	14	120	.1					26
27	52	1	30	20	225	.2					27
28	54	1	18	20	150	.1					28
29	56	1	20	20	232	.2					29
30	58	1	17	18	390	.1					30
31	Tet-20S-60E	2	24	23	235	.1					31
32											32
33											33
34											34
35											35
36											36
37											37
38											38
39											39
40											40

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ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

No.	Sample	Mo	Cu	Pb	Zn	Ag						No.
2 01	Tet-24S-00E	2	24	26	146	.2						01
02	2	1	14	20	118	.1						02
03	4	1	29	26	182	.2						03
04	6	1	16	22	120	.1						04
05	8	1	20	30	122	.2						05
06	10	1	15	28	134	.6						06
07	12	1	15	18	110	.3						07
08	14	1	12	22	138	.2						08
09	16	1	19	32	230	.2						09
10	18	1	15	20	130	.1						10
11	20	1	10	16	158	.1						11
12	22	2	42	36	225	1.5						12
13	24	1	27	22	184	.1						13
14	26	1	17	18	188	.3						14
15	28	1	16	22	205	.1						15
16	30	1	31	28	158	.1						16
17	32	2	22	20	200	.1						17
18	34	2	19	22	194	.3						18
19	36	1	20	20	192	.2						19
20	38	1	17	16	122	.2						20
21	40	1	12	18	124	.2						21
22	42	1	27	20	142	.2						22
23	44	1	11	18	186	.1						23
24	46	1	36	18	100	.1						24
25	48	1	38	16	104	.2						25
26	50	1	24	18	94	.1						26
27	52	2	37	20	200	.2						27
28	54	1	16	19	172	.3						28
29	56	1	20	16	114	.1						29
30	58	1	21	22	290	.1						30
31	Tet-24S-60E	2	46	24	430	.6						31
32												32
33												33
34												34
35												35
36												36
37												37
38												38
39												39
40												40

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File No. 2455
 Type of Samples Soils
 Disposition 1 year

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3

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-28S- 0E	2	28	32	210	.4					01
02	2	1	21	24	120	.2					02
03	4	2	15	24	126	.3					03
04	6	2	11	19	114	.3					04
05	8	1	10	18	104	.2					05
06	10	1	27	30	200	.3					06
07	12	1	17	21	132	.2					07
08	14	1	19	28	220	.4					08
09	16	1	17	20	100	.2					09
10	18	1	11	33	170	.3					10
11	20	2	22	18	106	.1					11
12	22	2	22	25	110	.3					12
13	24	1	7	18	78	.2					13
14	26	1	12	18	140	.2					14
15	28	1	40	24	124	.2					15
16	30	1	17	15	190	.2					16
17	32	1	26	20	176	.1					17
18	34	1	18	18	275	.3					18
19	36	2	23	18	124	.2					19
20	38	1	27	22	210	.3					20
21	40	1	39	22	200	.1					21
22	42	1	29	17	222	.3					22
23	44	2	18	18	260	.4					23
24	46	1	49	18	140	.2					24
25	48	1	59	27	420	.5					25
26	50	2	27	25	350	.7					26
27	52	1	46	24	235	.7					27
28	54	2	38	27	420	.6					28
29	56	3	260	36	310	3.1	organic				29
30	58	2	47	24	185	.2					30
31	Tet-28S-60E	2	17	17	250	.4					31
32											32
33											33
34											34
35											35
36											36
37											37
38											38
39											39
40											40

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File No. 2455

Type of Samples Soils

Disposition 1 year

No.	Sample	Mo	Cu	Pb	Zn	Ag				No.
01	Tet-28N-62E	3	38	30	240	.5				01
02	64	2	36	26	170	.2				02
03	66	2	35	26	250	.3				03
04	68	2	34	28	174	.4				04
05	70	1	35	30	184	.5				05
06	72	1	30	24	225	.2				06
07	74	1	22	18	130	.1				07
08	76	1	14	20	130	.2				08
09	78	1	26	22	245	.3				09
10	80	3	116	23	270	2.1	organic			10
11	82	1	28	22	140	.3				11
12	84	2	18	20	146	.1				12
13	86	N.	S.							13
14	88	N.	S.							14
15	90	3	31	22	370	.3				15
16	92	2	14	20	162	.2				16
17	94	1	28	22	176	.2				17
18	96	2	19	20	230	.1				18
19	98	2	30	18	182	.1				19
20	100	2	34	18	144	.3				20
21	102	2	21	22	220	.3				21
22	Tet-28N-104E	3	144	40	278	1.3	organic			22
23										23
24										24
25										25
26										26
27										27
28										28
29										29
30										30
31										31
32										32
33										33
34										34
35										35
36										36
37										37
38										38
39										39
40										40

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File No. 2455
 Type of Samples Soils
 Disposition 1 year

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No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-32S- 0S	2	27	32	220	.2					01
02	2	2	13	25	230	.1					02
03	4	2	16	25	162	.2					03
04	6	2	102	46	360	1.0					04
05	8	1	16	28	158	.2					05
06	10	1	20	24	116	.3					06
07	12	1	29	24	206	.4					07
08	14	1	14	18	102	.2					08
09	16	2	27	24	176	.1					09
10	18	1	7	18	345	.1					10
11	20	2	31	28	140	.1					11
12	22	2	25	30	198	.4					12
13	24	1	26	22	220	.2					13
14	26	1	16	18	102	.1					14
15	28	1	32	20	110	.1					15
16	30	1	8	17	138	.1					16
17	32	1	17	15	124	.2					17
18	34	2	39	20	188	.3					18
19	36	1	14	18	145	.1					19
20	38	1	41	20	140	.2					20
21	40	1	44	22	185	.3					21
22	42	2	8	15	65	.2					22
23	44	1	30	22	230	.5					23
24	46	1	16	16	190	.1					24
25	48	2	19	20	800	.3					25
26	50	2	22	15	148	.2					26
27	52	2	21	14	135	.1					27
28	54	1	30	17	186	.2					28
29	56	1	23	14	140	.2					29
30	58	2	50	22	242	.3					30
31	Tet-32S- 60E	2	51	20	210	.2					31
32											32
33											33
34											34
35											35
36											36
37											37
38											38
39											39
40											40

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ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

6

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-32N-62E	2	22	24	154	.3					01
02	64	2	34	28	235	.1					02
03	66	2	14	16	140	.1					03
04	68	2	27	22	130	.3					04
05	70	2	20	28	195	.4					05
06	72	1	28	22	110	.1					06
07	74	2	138	26	140	1.0	organic				07
08	76	2	20	19	140	.1					08
09	78	2	25	23	195	.2					09
10	80	1	20	14	132	.1					10
11	82	1	12	13	115	.1					11
12	84	2	38	26	168	.2					12
13	86	2	20	22	135	.1					13
14	88	N. S.									14
15	90	1	12	6	10	.1	organic				15
16	92	2	19	19	162	.2					16
17	94	1	22	19	250	.1					17
18	96	2	21	20	275	.1					18
19	98	2	29	22	225	.2					19
20	100	2	18	16	186	.1					20
21	102	1	29	16	120	.1					21
22	Tet-32N-104E	1	9	12	78	.1					22
23											23
24											24
25											25
26											26
27											27
28											28
29											29
30											30
31											31
32											32
33											33
34											34
35											35
36											36
37											37
38											38
39											39
40											40

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Type of Samples Soils

Disposition 1 year

7

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-36N- 62E	2	20	18	170	.3					01
02	64	3	22	26	175	.2					02
03	66	2	28	26	232	.4					03
04	68	2	19	20	132	.2					04
05	70	2	23	19	114	.2					05
06	72	1	27	26	225	.5					06
07	74	1	20	27	270	.4					07
08	76	1	18	28	190	.5					08
09	78	1	18	18	114	.4					09
10	80	1	22	22	255	.3					10
11	82	2	29	21	210	.3					11
12	84	2	106	36	350	1.7	organic				12
13	86	1	16	14	104	.2					13
14	88	1	16	16	92	.2					14
15	90	1	18	7	86	.2	organic				15
16	92	1	18	22	128	.2					16
17	94	1	24	23	200	.1					17
18	96	2	88	32	1800	1.4					18
19	98	2	86	37	395	.5					19
20	100	2	24	20	210	.2					20
21	102	2	215	31	260	.1					21
22	Tet-36N-104E	2	23	22	270	.2					22
23											23
24											24
25	Tet-40N- 90E	1	22	15	162	.1					25
26	92	1	24	21	154	.2					26
27	94	1	17	17	132	.1					27
28	96	1	26	18	170	.2					28
29	98	1	12	8	28	.1	organic				29
30	100	2	15	18	200	.2					30
31	102	1	20	13	112	.5					31
32	Tet-40N-104E	1	28	19	210	.4					32
33											33
34											34
35											35
36											36
37											37
38											38
39											39
40											40

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File No. 2455

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

8

No.	Sample	Mo	Cu	Pb	Zn	Ag						No.
01	Tet-44N- 62E	1	14	17	102	.2						01
02	64	1	17	15	130	.1						02
03	66	1	11	19	120	.1						03
04	68	2	16	22	145	.2						04
05	70	1	31	21	155	.2						05
06	72	2	16	22	210	.3						06
07	74	2	18	20	180	.2						07
08	76	1	19	22	160	.2						08
09	78	2	42	32	282	.6						09
10	80	1	17	18	108	.2						10
11	82	2	46	26	134	.6						11
12	84	2	20	16	118	.2						12
13	86	1	21	15	280	.3						13
14	88	1	44	12	18	.5	organic					14
15	90	1	23	20	210	.2						15
16	92	2	37	20	200	.2						16
17	94	2	26	19	154	.2						17
18	96	1	30	19	170	.1						18
19	98	1	18	20	190	.1						19
20	100	1	20	22	210	.2						20
21	102	1	17	20	165	.2						21
22	Tet-44N-104E	1	37	22	200	.2						22
23												23
24												24
25												25
26												26
27												27
28												28
29												29
30												30
31												31
32												32
33												33
34												34
35												35
36												36
37												37
38												38
39												39
40												40

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Type of Samples Soils

Disposition 1 year

9

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-48N-62E	2	29	28	210	.3					01
02	64	2	23	25	200	.3					02
03	66	2	38	25	200	.6					03
04	68	1	15	19	84	.1					04
05	70	2	34	27	170	.2					05
06	72	1	29	25	128	.2					06
07	Tet-48N-74E	2	26	19	110	.1					07
08											08
09	Tet-52N-62E	1	17	16	320	.1					09
10	64	1	38	22	126	.3					10
11	66	1	18	24	132	.2					11
12	68	2	28	24	138	.1					12
13	70	2	25	22	120	.1					13
14	72	1	22	25	192	.1					14
15	Tet-52N-74E	1	18	17	78	.1					15
16											16
17	Tet-56N-62E	2	20	29	210	.3					17
18	64	1	12	15	84	.1					18
19	66	1	6	5	12	.1					19
20	68	1	14	16	84	.1					20
21	70	1	16	16	114	.1					21
22	72	1	24	25	116	.2					22
23	Tet-56N-74E	1	15	23	176	.1					23
24											24
25	Tet-60N-62E	1	26	23	145	.3					25
26	64	1	18	18	90	.2					26
27	66	3	20	21	150	.5					27
28	68	1	22	20	100	.1					28
29	70	1	16	22	160	.1					29
30	72	1	20	19	130	.1					30
31	Tet-60N-74E	1	20	15	96	.1					31
32											32
33											33
34											34
35											35
36											36
37											37
38											38
39											39
40											40

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Assaying & Trace Analysis

6455 Laurel St., Burnaby 2, B.C.

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1060-1055 W. Hastings St.,

Vancouver 1, B.C.

ANALYSES CERTIFICATE

File No. 2471

Type of Samples Soils

Disposition 1 year

1

No.	Sample	Mo	Cu	Pb	Zn	Ag				No.
01	Tet-ON+ 62E	1	17	23	220	.2				01
02	64	1	24	29	380	.3				02
03	66	1	14	22	195	.2				03
04	68	2	27	22	200	.2				04
05	70	1	23	17	196	.2				05
06	72	1	19	21	173	.2				06
07	74	1	21	25	270	.2				07
08	76	1	14	19	193	.2				08
09	78	3	60	30	142	1.3	*			09
10	80	1	13	16	160	.1				10
11	82	1	21	19	113	.4				11
12	84	1	17	15	118	.1				12
13	86	1	26	22	245	.1				13
14	88	1	20	17	150	.2				14
15	90	1	19	14	72	.1				15
16	92	1	25	24	440	.1				16
17	94	1	25	22	490	.2				17
18	96	1	11	16	350	.1				18
19	98	1	18	21	210	.1				19
20	100	1	11	15	200	.1				20
21	102	1	14	19	188	.2				21
22	Tet-ON+104E	1	46	21	300	.6				22
23										23
24	Tet-4N+ 62E	1	15	22	210	.4				24
25	64	1	62	51	555	.3				25
26	66	1	31	28	480	.7				26
27	68	2	112	36	5800	1.2	organic			27
28	70	4	14	15	133	.2	organic			28
29	72	1	24	22	205	.3				29
30	74	2	14	18	120	.1				30
31	76	2	27	24	235	.1				31
32	78	1	34	24	178	.2				32
33	80	1	20	21	164	.2				33
34	82	5	70	42	141	.8	organic			34
35	84	1	13	17	119	.1				35
36	86	1	12	18	86	.2				36
37	88	1	18	17	134	.2				37
38	90	1	17	20	188	.2				38
39	Tet-4N+ 92E	1	23	23	310	.2				39
40										40

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Assaying & Trace Analysis
6455 Laurel St., Burnaby 2, B.C.

1060-1055 W. Hastings St.,

File No. 2471

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

2

No.	Sample	Mo	Cu	Pb	Zn	Ag				No.
01	Tet-4N+ 94E	1	42	29	400	.5				01
02	96	1	12	18	112	.2				02
03	98	1	13	15	190	.1				03
04	100	1	17	19	275	.2				04
05	102	1	31	21	94	.2				05
06	Tet-4N+104E	3	37	29	1000	.7	organic			06
07										07
08	Tet-4S+ 62E	1	30	62	220	.3				08
09	64	1	15	23	320	.2				09
10	66	2	16	55	520	.2				10
11	68	1	36	29	260	.3				11
12	70	1	13	15	102	.1				12
13	72	1	19	22	165	.2				13
14	74	2	40	28	190	.1				14
15	76	1	11	14	136	.1				15
16	78	1	21	17	84	.2				16
17	80	1	24	19	150	.2				17
18	82	1	16	19	126	.2				18
19	84	1	7	14	66	.1				19
20	86	1	15	23	186	.2				20
21	88	1	16	20	235	.1				21
22	90	1	50	26	158	.3				22
23	92	1	23	22	215	.2				23
24	94	1	18	22	230	.2				24
25	96	1	48	19	150	1.1	organic			25
26	98	2	96	38	295	1.0	organic			26
27	100	1	13	17	160	.1				27
28	102	1	18	12	26	.3	organic			28
29	Tet-4S+104E	1	21	24	250	.2				29
30										30
31	Tet-6S+ 38E	1	180	33	160	.3				31
32										32
33										33
34										34
35										35
36										36
37										37
38										38
39										39
40										40

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File No. 2471
 Type of Samples Soils
 Disposition 1 year

ANALYSES CERTIFICATE

3

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-8N+62E	1	20	26	620	.4					01
02	64	1	16	23	340	.5					02
03	66	1	19	36	450	.5					03
04	68	2	17	23	420	.3					04
05	70	1	15	23	200	.4					05
06	72	1	19	26	340	.3					06
07	74	1	30	30	196	.2					07
08	76	1	33	22	118	.1					08
09	78	2	46	26	184	2.2	*				09
10	80	1	36	24	200	.3					10
11	82	2	18	16	117	.2					11
12	84	1	17	14	83	.1					12
13	86	1	7	12	76	.1					13
14	88	2	38	28	174	.3					14
15	90	3	43	16	110	.7	*				15
16	92	1	16	22	254	.4					16
17	94	2	38	26	205	.3					17
18	96	1	12	16	143	.4					18
19	98	1	15	21	340	.2					19
20	100	2	18	24	370	.3					20
21	102	1	12	14	220	.2					21
22	Tet-8N+104E	1	14	19	205	.1					22
23											23
24	Tet-8S+62E	1	22	20	198	.1					24
25	64	1	37	36	540	.6					25
26	66	1	13	22	210	.1					26
27	68	1	41	22	174	.4					27
28	70	1	16	17	140	.1					28
29	72	1	14	16	161	.1					29
30	74	1	16	17	114	.1					30
31	76	2	17	23	160	.4					31
32	78	1	11	16	174	.2					32
33	80	1	11	20	230	.1					33
34	82	2	18	20	94	.2					34
35	84	2	74	32	330	.7	*				35
36	86	2	19	22	183	.1					36
37	88	1	18	18	140	.1					37
38	90	1	14	16	123	.1					38
39	Tet-8S+92	1	11	15	210	.1					39
40											40

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1060-1055 W. Hastings St.,

File No. 2471

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

4

No.	Sample	Mo	Cu	Pb	Zn	Ag				No.
01	Tet- 8S+ 94E	1	17	21	170	.1				01
02	96	1	15	22	165	.3				02
03	98	1	10	15	110	.1				03
04	100	1	24	16	86	.1				04
05	102	2	25	24	136	.2				05
06	Tet- 8S-104E	1	13	19	240	.2				06
07										07
08	Tet-12N- 62E	2	25	33	290	.5				08
09	64	1	18	26	290	.4	organic			09
10	66	1	31	13	1100	.7				10
11	68	1	17	25	190	.9				11
12	70	1	42	30	550	.3	organic			12
13	72	2	11	22	180	.2				13
14	74	1	9	17	124	.1				14
15	76	1	15	20	156	.3				15
16	78	1	22	23	170	.2				16
17	80	1	56	30	158	.7	organic			17
18	82	1	47	32	240	.8	organic			18
19	84	1	26	24	152	.2	organic			19
20	86	1	15	22	166	.2				20
21	88	1	16	18	106	.1				21
22	90	2	56	28	116	.9	organic			22
23	92	1	12	19	130	.2				23
24	94	1	20	21	150	.2				24
25	96	1	14	21	156	.2				25
26	98	1	15	15	146	.4				26
27	100	1	10	19	150	.1				27
28	102	1	30	29	310	.3				28
29	Tet-12N+104E	1	16	20	310	.3				29
30										30
31	Tet-12S+ 62E	1	22	30	275	.4				31
32	64	1	17	23	310	.2				32
33	66	2	44	34	160	.4				33
34	68	2	20	23	260	.1				34
35	70	2	106	36	265	1.1				35
36	72	1	23	19	130	.1				36
37	74	1	24	19	84	.1				37
38	76	1	9	17	110	.1				38
39	Tet-12S+ 78E	1	15	15	124	.1				39
40										40

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1060-1055 W. Hastings St.,

File No. 2471

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

5

No.	Sample	Mo	Cu	Pb	Zn	Ag						No.
01	Tet-12S+ 80E	1	16	15	176	.1						01
02	82	1	26	18	210	.2						02
03	84	1	16	14	194	.1						03
04	86	1	24	19	181	.1						04
05	88	1	30	20	176	.2						05
06	90	1	13	15	180	.1						06
07	92	1	14	18	127	.1						07
08	94	1	9	14	102	.1						08
09	96	1	19	26	280	.1						09
10	98	1	30	19	100	.1						10
11	100	1	18	20	200	.2						11
12	Tet-12S-102E	1	29	24	205	.2						12
13												13
14												14
15	Tet-16N- 62E	1	16	22	300	.1						15
16	64	1	12	30	119	.2						16
17	66	1	22	25	168	1.5						17
18	68	1	92	29	265	1.9						18
19	70	5	88	33	200	.1						19
20	72	1	22	24	165	.1						20
21	74	1	13	16	154	.1						21
22	76	2	8	18	200	.5						22
23	78	1	46	26	310	.1						23
24	80	1	15	19	150	.1						24
25	82	1	11	21	122	.1						25
26	84	1	26	20	176	.1						26
27	86	2	22	20	111	.1						27
28	88	1	32	22	139	.2						28
29	90	1	29	24	210	.3						29
30	92	1	17	14	153	.1						30
31	94	1	40	24	250	.3						31
32	96	2	30	23	205	.2						32
33	98	1	26	21	182	.2						33
34	100	3	56	38	790	1.1						34
35	102	1	13	15	161	.1						35
36	Tet-16N+104E	1	20	22	215	.1						36
37												37
38												38
39												39
40												40

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1060-1055 W. Hastings St.,
Vancouver 1, B.C.

ANALYSES CERTIFICATE

File No. 2471
 Type of Samples Soils
 Disposition 1 year

6

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-16S+62E	1	17	20	255	.2					01
02	64	1	16	25	450	.2					02
03	66	1	75	32	375	.8					03
04	68	2	6	11	70	.1					04
05	70	1	76	31	198	.6	organic				05
06	72	2	41	32	220	.4					06
07	74	1	10	14	119	.1					07
08	76	1	12	15	104	.2					08
09	78	1	11	14	136	.1					09
10	80	2	52	26	280	.5					10
11	82	1	14	16	171	.2					11
12	84	2	106	19	260	1.7	organic				12
13	86	1	68	27	194	.8	organic				13
14	88	1	55	30	250	.5	organic				14
15	90	1	7	12	78	.1					15
16	92	1	20	16	157	.1					16
17	Tet-16S+94E	1	19	18	240	.2					17
18											18
19	Tet-18N+54E	1	118	44	395	1.4					19
20											20
21	Tet-20N+59E	2	27	24	178	.5					21
22	62	1	17	22	194	.4					22
23	64	1	10	18	165	.1					23
24	66	1	18	23	193	.2					24
25	68	2	62	37	305	.8	organic				25
26	70	1	9	14	132	.1					26
27	72	2	22	25	210	.6					27
28	74	1	24	23	137	.2					28
29	76	1	12	12	133	.1					29
30	78	1	66	32	260	.6	organic				30
31	80	1	10	16	89	.2					31
32	82	2	24	29	210	.8					32
33	84	1	9	14	140	.1					33
34	86	1	16	19	187	.3					34
35	88	1	26	20	144	.2					35
36	90	1	33	21	275	.2					36
37	92	1	14	16	154	.2					37
38	94	2	40	30	350	.4	organic				38
39	Tet-20N+96E	1	32	22	182	.1					39
40											40

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File No. 2471

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

7

No.	Sample	Mo	Cu	Pb	Zn	Ag				No.
01	Tet-20N+ 98E	1	24	26	181	.2				01
02	100	1	3	9	54	.1				02
03	102	1	19	19	89	.2				03
04	Tet-20N+104E	1	9	16	131	.1				04
05										05
06	Tet-20S+ 90E	1	14	20	240	.1				06
07	92	2	88	38	300	1.1	organic			07
08	94	2	29	22	179	.2				08
09	Tet-20S+ 96E	3	126	46	300	2.0	organic			09
10										10
11	Tet-24N- 62E	2	37	36	470	.3				11
12	64	1	16	22	190	.2				12
13	66	2	28	28	162	.3				13
14	68	1	13	22	160	.3				14
15	70	1	19	24	158	.3				15
16	72	3	48	34	210	1.4	organic			16
17	74	1	12	21	121	.2				17
18	76	1	20	25	230	.2				18
19	78	3	96	38	240	1.3	organic			19
20	80	1	11	20	81	.3				20
21	82	1	20	22	183	.3				21
22	84	2	13	23	162	.4				22
23	86	1	11	16	255	.2				23
24	88	2	29	31	350	.7				24
25	90	2	29	31	380	.8				25
26	92	1	7	18	124	.5				26
27	94	1	11	19	205	.2				27
28	96	3	17	27	445	.3				28
29	98	1	11	19	170	.2				29
30	100	4	104	53	590	2.1	organic			30
31	102	2	38	22	164	.4	organic			31
32	Tet-24N+104E	1	27	18	83	.1				32
33										33
34	Tet-26+50N-60E	2	32	35	200	.4				34
35										35
36	Tet-28N+ 86E	1	18	25	220	.3				36
37	Tet-28N+ 88E	2	10	6	24	.2				37
38										38
39										39
40										40

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Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

8

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-36S+00E	1	15	19	148	.1					01
02	2	1	15	33	230	.3					02
03	4	1	9	22	117	.2					03
04	6	1	15	20	150	.2					04
05	8	2	38	28	210	.7					05
06	10	1	10	19	91	.1					06
07	12	1	17	22	170	.2					07
08	14	1	22	28	159	.1					08
09	16	2	20	58	450	.2					09
10	18	1	13	32	270	.2					10
11	20	1	86	14	64	1.7	organic				11
12	22	1	82	12	40	2.0	organic				12
13	24	1	37	25	182	.8					13
14	26	1	24	18	190	.4					14
15	30	1	9	12	123	.2					15
16	32	1	10	22	118	.1					16
17	34	1	16	20	131	.3					17
18	36	1	15	13	126	.2					18
19	38	1	13	19	152	.2					19
20	40	1	22	12	119	.1					20
21	42	1	67	29	188	.6					21
22	44	1	12	13	118	.2					22
23	46	1	14	15	141	.1					23
24	48	1	38	23	260	1.0					24
25	50	1	18	16	153	.2					25
26	52	1	28	17	108	.2					26
27	54	1	62	26	320	1.0					27
28	56	1	34	24	170	.8					28
29	58	1	50	22	310	.3					29
30	Tet-36S+60E	1	39	18	113	.3					30
31											31
32											32
33											33
34											34
35											35
36											36
37											37
38											38
39											39
40											40

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ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

9

No.	Sample	Mo	Cu	Pb	Zn	Ag				No.
01	Tet-40N+62E	1	11	18	76	.1				01
02	64	1	18	17	114	.2				02
03	66	1	37	39	320	.3				03
04	68	1	29	22	82	.2				04
05	70	1	10	17	100	.2				05
06	72	1	24	18	170	.3				06
07	74	1	24	28	172	.2				07
08	76	1	15	17	80	.5				08
09	78	2	17	23	165	.4				09
10	80	3	27	12	38	.3	organic			10
11	82	2	56	26	150	1.4	organic			11
12	84	2	62	24	170	.9	organic			12
13	86	1	21	22	200	.2				13
14	Tet-40N+88E	1	58	26	170	.7				14
15										15
16	Tet-40S+ 0E	1	32	34	330	.9				16
17	2	1	7	23	128	.1				17
18	4	1	23	30	160	.7				18
19	6	1	13	22	164	.1				19
20	8	1	74	14	24	1.3	organic			20
21	10	2	16	20	114	.2				21
22	12	1	16	20	140	.1				22
23	14	1	48	28	120	.8	organic			23
24	16	1	20	27	320	.2				24
25	18	1	18	28	190	.2				25
26	20	2	56	33	290	.7	organic			26
27	22	2	122	28	102	1.9				27
28	24	1	39	14	26	.9	organic			28
29	26	1	23	18	140	.2				29
30	28	1	13	17	148	.2				30
31	30	1	15	15	106	.1				31
32	32	1	14	16	100	.1				32
33	34	1	11	16	168	.4				33
34	36	1	12	20	108	.1				34
35	38	1	12	18	112	.2				35
36	40	1	38	17	56	.1				36
37	42	1	17	17	150	.1				37
38	44	1	9	18	194	.1				38
39	46	1	8	19	200	.2				39
40	Tet-40S+48E	1	14	15	205	.1				40

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1060-1055 W. Hastings St.,
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ANALYSES CERTIFICATE

File No. 2471
Type of Samples Soils
Disposition 1 year

10

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-40S+ 50E	1	10	18	164	.1					01
02	52	1	9	14	90	.1					02
03	54	1	15	12	230	.2					03
04	56	1	14	18	106	.2					04
05	58	1	15	19	130	.1					05
06	Tet-40S+ 60E	1	17	16	120	.1					06
07											07
08	Tet-48N+ 76E	1	13	16	104	.2					08
09	78	1	34	21	114	.3					09
10	80	1	10	14	64	.1					10
11	82	1	13	17	96	.1					11
12	84	1	16	18	78	.1					12
13	86	1	18	20	84	.2					13
14	88	1	10	16	60	.1					14
15	90	2	50	45	280	.5					15
16	92	1	13	13	110	.1					16
17	94	1	11	14	46	.1					17
18	96	1	28	24	106	.3					18
19	98	1	8	17	72	.3					19
20	100	1	13	15	82	.2					20
21	102	1	23	26	190	.2					21
22	Tet-48N+104E	1	29	24	174	.2					22
23											23
24	Tet-52N+ 76E	1	28	23	128	.2					24
25	78	1	26	22	164	.3					25
26	80	1	24	18	108	.2					26
27	82	1	22	21	116	.2					27
28	84	2	78	54	285	.9					28
29	86	1	14	16	102	.1					29
30	88	1	15	16	96	.2					30
31	90	1	10	18	62	.3					31
32	92	1	14	19	88	.3					32
33	94	1	15	26	144	.4					33
34	96	1	11	16	58	.1					34
35	98	1	40	32	235	.6					35
36	100	1	7	12	52	.1					36
37	102	1	16	16	86	.1					37
38	Tet-52N+104E	2	20	18	190	.2					38
39											39
40											40

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ANALYSES CERTIFICATE

File No. 2471
 Type of Samples Soils
 Disposition 1 year

11

No.	Sample	Mo	Cu	Pb	Zn	Ag				No.
01	Tet-56N+ 76E	1	35	28	142	.3				01
02	78	1	36	30	255	.6	organic			02
03	80	1	46	33	194	.7	organic			03
04	82	1	11	16	127	.2				04
05	84	1	24	21	146	.2				05
06	86	1	14	18	121	.1				06
07	88	1	53	43	270	.8	organic			07
08	90	1	25	16	84	.1				08
09	92	1	10	14	70	.1				09
10	94	1	24	24	196	.5				10
11	96	1	17	21	112	.2				11
12	98	1	9	14	68	.2				12
13	100	2	17	20	200	.2				13
14	102	1	54	22	102	.4				14
15	Tet-56N+104E	1	22	16	124	.2				15
16										16
17										17
18										18
19										19
20										20
21										21
22										22
23										23
24										24
25										25
26										26
27										27
28										28
29										29
30										30
31										31
32										32
33										33
34										34
35										35
36										36
37										37
38										38
39										39
40										40

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Assaying & Trace Analysis
6455 Laurel St., Burnaby 2, B.C.

1060-1055 W. Hastings St.,

File No. 2475

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Soils

Disposition 1 year

1

No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	Tet-4S+ 2W	1	14	20	76	.3					01
02	4	1	50	26	200	.9					02
03	6	1	26	25	174	.3					03
04	8	2	30	24	195	1.1	organic				04
05	10	1	33	28	210	1.0					05
06	12	1	73	42	200	.5					06
07	Tet-4S+14W	1	18	20	134	.3					07
08											08
09	Tet-8S+ 2W	1	37	27	210	.3					09
10	4	1	18	18	100	.2					10
11	6	1	24	22	156	.1					11
12	8	1	18	24	106	.2					12
13	10	1	19	22	130	.3					13
14	12	1	31	43	230	.6					14
15	Tet-8S+14W	1	11	15	62	.1					15
16											16
17	Tet-12S+ 2W	1	24	26	190	.2					17
18	4	1	23	24	128	.3	organic				18
19	6	1	39	28	148	.5	organic				19
20	8	1	24	21	130	.2					20
21	10	1	19	20	126	.1					21
22	12	1	14	16	120	.1					22
23	Tet-12S+14W	1	17	17	92	.1					23
24											24
25	Tet-16S+ 2W	1	26	20	104	.2					25
26	4	1	18	16	100	.2					26
27	6	1	18	19	82	.2					27
28	8	1	19	16	90	.1					28
29	10	2	64	40	220	.9	organic				29
30	12	2	53	56	220	.7	organic				30
31	Tet-16S+14W	1	25	19	160	.2					31
32											32
33	Tet-20S+ 2W	1	51	28	185	.3					33
34	4	1	19	18	94	.2					34
35	6	1	19	19	120	.1					35
36	8	1	21	17	122	.2					36
37	10	1	35	22	160	.3					37
38	12	1	36	27	164	.4					38
39	Tet-20S+14W	1	20	25	146	.1					39
40											40

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Tel: 299-5242

File No. 2475

Type of Samples Soils

Disposition 1 year

ANALYSES CERTIFICATE

2.

No.	Sample	Mo	Cu	Pb	Zn	Ag				No.
01	Tet-24S+ 2W	2	62	30	180	.8	organic			01
02	4	2	52	45	170	.6				02
03	6	2	69	38	230	.7				03
04	8	3	35	30	188	.6				04
05	10	3	42	35	210	.8				05
06	12	1	28	20	94	.3				06
07	Tet-24S+14W	2	42	28	146	.3				07
08										08
09	Tet-28S+ 2W	1	18	23	130	.2				09
10	4	1	19	21	88	.2				10
11	6	2	15	10	10	.2	organic			11
12	8	1	28	14	20	.2	organic			12
13	10	2	30	18	45	.5	organic			13
14	12	1	16	19	165	.1				14
15	Tet-28S+14W	1	15	18	58	.1				15
16										16
17	Tet-32S+ 2W	1	14	27	116	.1				17
18	4	1	25	26	130	.2				18
19	6	1	33	34	150	.2				19
20	8	2	40	39	190	.3				20
21	10	2	55	39	265	.7	organic			21
22	12	1	20	20	114	.2				22
23	Tet-32S+14W	1	39	27	166	.4				23
24										24
25	Tet-36S+ 2W	1	18	30	250	.2				25
26	4	2	27	34	200	.2				26
27	6	1	20	28	190	.3				27
28	8	1	11	16	58	.1				28
29	10	1	15	22	210	.2				29
30	12	1	36	14	22	.6	organic			30
31	Tet-36S+14W	2	42	28	150	.5	organic			31
32										32
33										33
34										34
35										35
36										36
37										37
38										38
39										39
40										40

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Vancouver 1, B. C.

ANALYSES CERTIFICATE

File No. 2493

Type of Samples Rock

Disposition 1 year

No.	Sample	Total MoS ₂ %	Cu%	Pb%	Zn%	Ag oz/ton		No.
1	1725N+5125E	Trace	15.40	.03	.08	12.82		1
2								2
3								3
4								4
5								5
6								6
7								7
8								8
9								9
10								10
11								11
12								12
13								13
14								14
15								15
16								16
17								17
18								18
19								19
20								20

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ANALYST

Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

To Granges Exploration

ACME ANALYTICAL LABORATORIES LTD.

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1060-1055 W. Hastings St.,

File No. 2493

Vancouver 1, B.C.

ANALYSES CERTIFICATE

Type of Samples Rocks

Disposition 1 year

SIBOLA

N^o 2
N^o 3
N^o 4
N^o 5

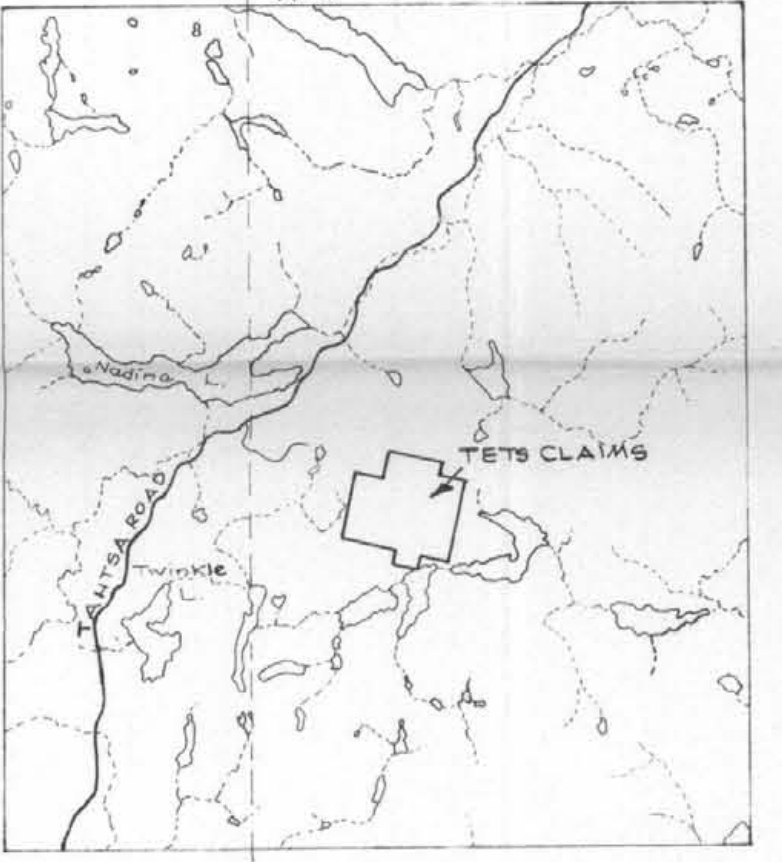
No.	Sample	Mo	Cu	Pb	Zn	Ag					No.
01	6N+66E	1	57	22	305	.3					01
02	12N+40E	1	7700	300	104	5.8					02
03	28N+69E	1	100	18	24	.7					03
04	750N+5850E	1	6400	27	36	15.5					04
05											05
06											06
07											07
08											08
09											09
10											10
11											11
12											12
13											13
14											14
15											15
16											16
17											17
18											18
19											19
20											20
21											21
22											22
23											23
24											24
25											25
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29											29
30											30
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36											36
37											37
38											38
39											39
40											40

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— ROCK SAMPLE ASSAYS —

SAMPLE NUMBER	M ₁ S ₂ %	Cu %	Pb %	Zn %	Ag oz _t /ton
1	Trace	15.40	0.03	0.08	12.87
2	1	97	22	305	0.3
3	1	7700	300	104	5.8
4	1	100	18	34	0.7
5	1	6400	27	36	15.5

4580 MI



MAP 1 OF 5
TO ACCOMPANY GEO-CHEMICAL SURVEY
ON THE TETS GROUP OF MINERAL CLAIMS LOCATED
IN THE TWINKLE LAKE AREA, BRITISH COLUMBIA, CANADA
DATED SEPT. 6, 1975



4580
M2



MAP 2 OF 5
TO ACCOMPANY GEOCHEMICAL REPORT BY
GEORGE ZAITZOFF, P. ENG.
ON THE '78'S GROUP OF MINERAL CLAIMS, LOCATED
IN THE TWINKLE LAKE AREA, QUEN'S DIVISION,
DATED SEPT. 6, 1973

MAP No 2 of 5
NOTE: FOR CLAIM LOCATIONS SEE MAP No 1
CONTOUR INTERVAL: 200 P.P.M.

DRAWN BY: M.P.
DATE: JULY - AUG 1973

GRANGES EXPLORATION AB
CANADIAN DIVISION
VANCOUVER OFFICE

GEOCHEMICAL SURVEY
SIBOLA OPTION
TWINKLE LAKE AREA, B.C.
- ZINC -

SCALE: 1" = 400'
PROJECT No: A-305
N.T.S. No: 93-E-15d



4580
M3



MAP 3 OF 5
TO ACCOMPANY GEOCHEMICAL REPORT BY
GEORGE ZHITNOFF, P. ENG.
ON THE TETS GROUP OF MINERAL CLAIMS, LOCATED
IN THE TWINKLE LAKE AREA, OKENIA MINING DIVISION,
DATED SEPT. 6, 1978

MAP No 3 of 5	DRAWN BY: M.P.	GRANGES EXPLORATION AB CANADIAN DIVISION VANCOUVER OFFICE	GEOCHEMICAL SURVEY SIBOLA OPTION TWINKLE LAKE AREA, B.C. - SILVER -	SCALE: 1" = 400'
NOTE FOR CLAIM LOCATIONS SEE MAP No 1	DATE: JULY - AUG., 1978			PROJECT No: A-305
CONTOUR INTERVAL: 0.5 ppm.				N.T.S. No: 53-E-15d



**4580
M4**



MAP 4 OF 5
TO ACCOMPANY GEOCHEMICAL REPORT BY
GEOFFREY ZBIRNOFF, P. ENG.
ON THE TEST GROUP OF MINERAL CLAIMS LOCATED
IN THE TWINKLE LAKE AREA, B.C.
DATED SEPT 6, 1978

MAP N ^o 4 OF 5	DRAWN BY: M.P.	GRANGES EXPLORATION AB CANADIAN DIVISION VANCOUVER OFFICE	GEOCHEMICAL SURVEY SIBOLA OPTION TWINKLE LAKE AREA, B.C. - LEAD -	SCALE: 1" = 400'
NOTE: SEE MAP N ^o 1 FOR CLAIM LOCATIONS	DATE: JULY - AUG 1978			PROJECT No.: A-305
CONTOUR INTERVAL: 50 p.p.m.				N.T.S. No.: 53-E-15d



4580
M5



MAP 5 OF 5
TO ACCOMPANY GEOCHEMICAL SURVEY
GEORGE ZYTNYOFF, P. ENG.
ON THE TETS GROUP OF MINERAL CLAIMS, LOCATED
IN THE TWINKLE LAKE AREA, BRITISH COLUMBIA MINING DIVISION
DATED SEPT. 6, 1978

MAP NO. 5 OF 5
DRAWN BY: M.P.
DATE: JULY - AUG., 1978
CONTOUR INTERVAL: 4 p.p.m.

GRANGES EXPLORATION AB
CANADIAN DIVISION
VANCOUVER OFFICE

GEOCHEMICAL SURVEY
SIBOLA OPTION
TWINKLE LAKE AREA, B.C.
- MOLYBDENUM -

SCALE: 1" = 400'
PROJECT NO.: A-305
N.T.S. No.: 05-E-16d