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VANCOUVER, B.C.

**GAMMA RAY SPECTROMETRIC SURVEY
ON THE
LEAH MARIE CLAIM**

OMINECA MINING DIVISION, BC

NTS 93 0/4

Latitude: 55 07'N

Longitude: 123 51'W

**OWNER:
Dave Forshaw
Box 419
Mackenzie, B.C.
V0J 2C0**

**BY:
Dave Forshaw**

RECEIVED
GOVERNMENT AGENT
MACKENZIE
JUN 19 2000
NOT AN OFFICIAL RECEIPT

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

June 2000.

26,273

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LOCATION AND ACCESS

The property is located approximately 140 kilometers northwest of Prince George and 78 kilometers west of Windy Point, B.C. The Leah Marie claim is centered on 55 07' north latitude and 123 51' west longitude on NTS sheet 93 0/4. It is accessible by the north branch of the Finlay Philip Forest Service Road at kilometer 60 from spring to fall or by helicopter from Mackenzie year-round.

TOPOGRAPHY AND VEGETATION

The topography of the area is rolling hills ranging in elevation from 980 meters (2990 ft.) above sea level (ASL) to 1250 meters (3800 ft.) ASL covered with economic stands spruce and fir and poplar trees. The best exposure of bedrock is usually found in logging cuts and along road cuts.

PROPERTY STATUS

The property consists of one 4 - post mineral claims.

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>UNITS</u>	<u>EXPIRY DATE</u>	<u>OWNER</u>
Leah Marie	363605	20	June 28, 2000	D. Forshaw

HISTORY

The property is located east of Placer Dome's Mt. Milligan copper/gold porphyry deposit. It was originally staked by D.L. Cooke and Associates Ltd. to cover part of a small aeromagnetic anomaly which occurs approximately 4.5 kilometers east of the Mt. Milligan copper-gold deposit. Reconnaissance induced polarization and resistivity survey, *geological mapping, rock and soil sampling were done over the western part of the property in August of 1991.*

A single drill hole tested part of the magnetic anomaly and is reported to have encountered pyritic black argillites (R. Shives, pers. comm.).

In 1991 the Geological Survey of Canada (GSC) conducted a high resolution airborne gamma ray spectrometric (AGRS) survey over the Mt. Milligan area (Shives et al, 1991). This survey delineated potassic halo "bulls-eyes" over the Mt. Milligan, Taylor, Wit, Chuchi, and other known deposits and identified several new targets, one of which lies mostly under the Lac 1 claim. The anomaly under the Lac 1 claim is known as the "K5".

The Lac 1 and 2 claims were allowed to lapse in 1994 and the Lac 1 claim was restaked by D. Forshaw, who optioned the claim to Pacific Mariner Explorations Ltd. which was renamed Abitibi Mining Corp. in 1995. Under Pacific Mariner the property was explored by soil sampling over the heart of the main AGRS potassic anomaly, sampling that mostly duplicated D.L. Cooke's earlier work. The results returned were somewhat better than Cooke's, defining a weak northeast trending copper anomaly along a topographic lineament.

Abitibi Mining Corp. dropped the Lac 1 claim. In 1998, the property was restaked by D. Forshaw who renamed it the Leah Marie. A ground survey, on the west side of the property, was done using a 256 channel gamma ray spectrometer. This was done in order to get more specific information to determine the exact boundaries of the anomaly. *Forty-four readings were done on a 100m x 75m grid.*

In 1999, a continuation of the ground survey was attempted, the grid was laid , and readings were taken, but due to equipment failure the readings were inaccurate and we were unable to continue the survey.

REPORT OF WORK - LEAH MARIE CLAIM - 1999

A continuation of the ground survey, with the gamma ray spectrometer, was done in 1999. Again, to get more specific information, to determine the exact boundaries of the K5 Potassium Anomaly show on the GSC Open File 2535 Airborne Geophysical Survey of Mt. Milligan Area, B.C., Sept. 1991. The Leah Marie Claim covers most of the anomaly shown on this survey. We laid out the required grid. Eighteen readings were taken on a grid of 50m x 25m to infill the grid taken the year before. We were unable to take further readings due to equipment failure. During analysis, it was discovered that the readings we had taken were inaccurate due to the faulty equipment.

A handwritten signature in cursive script, appearing to read "Dave Forshaw". The signature is written in black ink and is positioned above a horizontal line.

Dave Forshaw

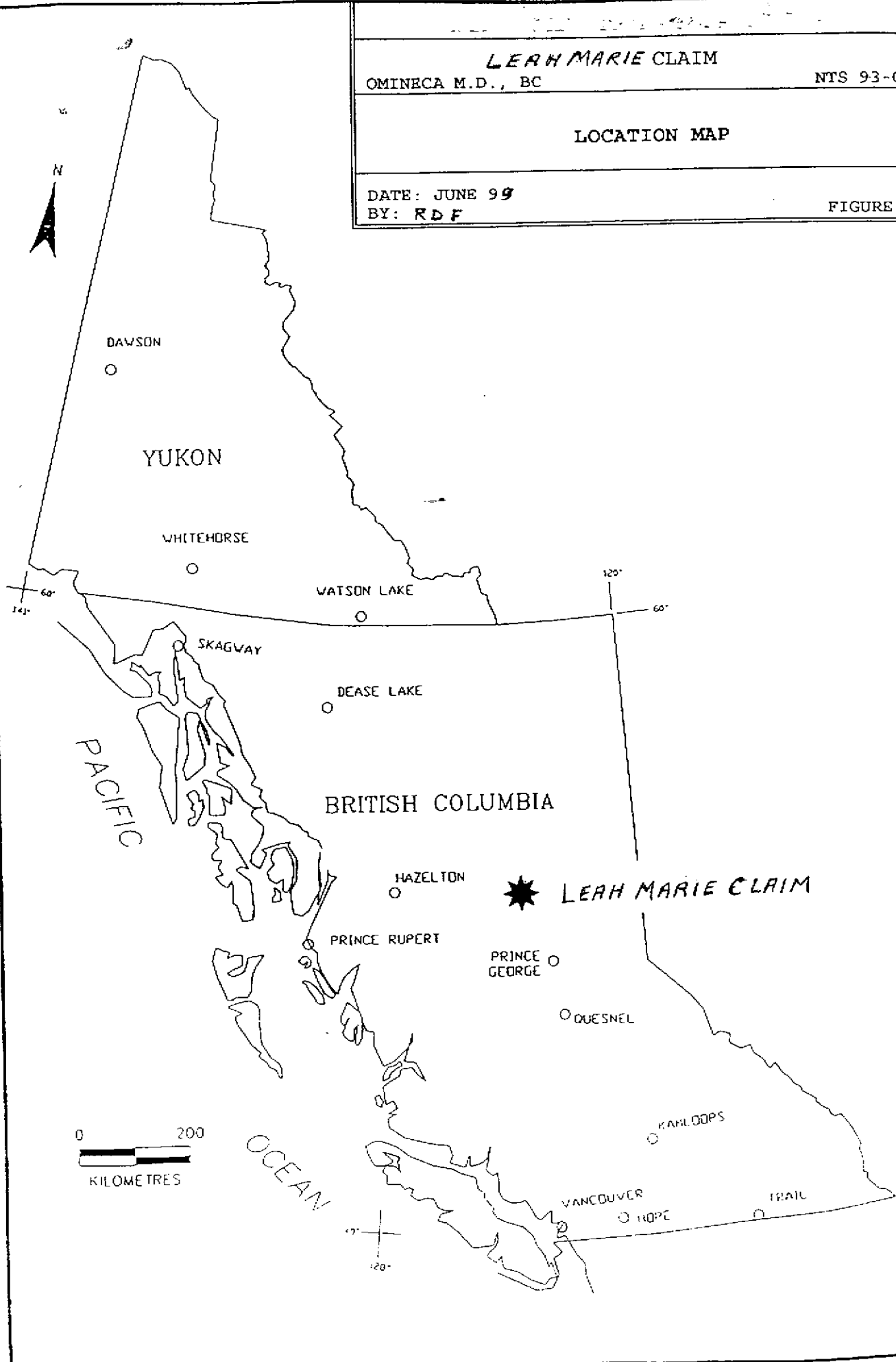
LEAH MARIE CLAIM
OMINECA M.D., BC

NTS 93-0-4

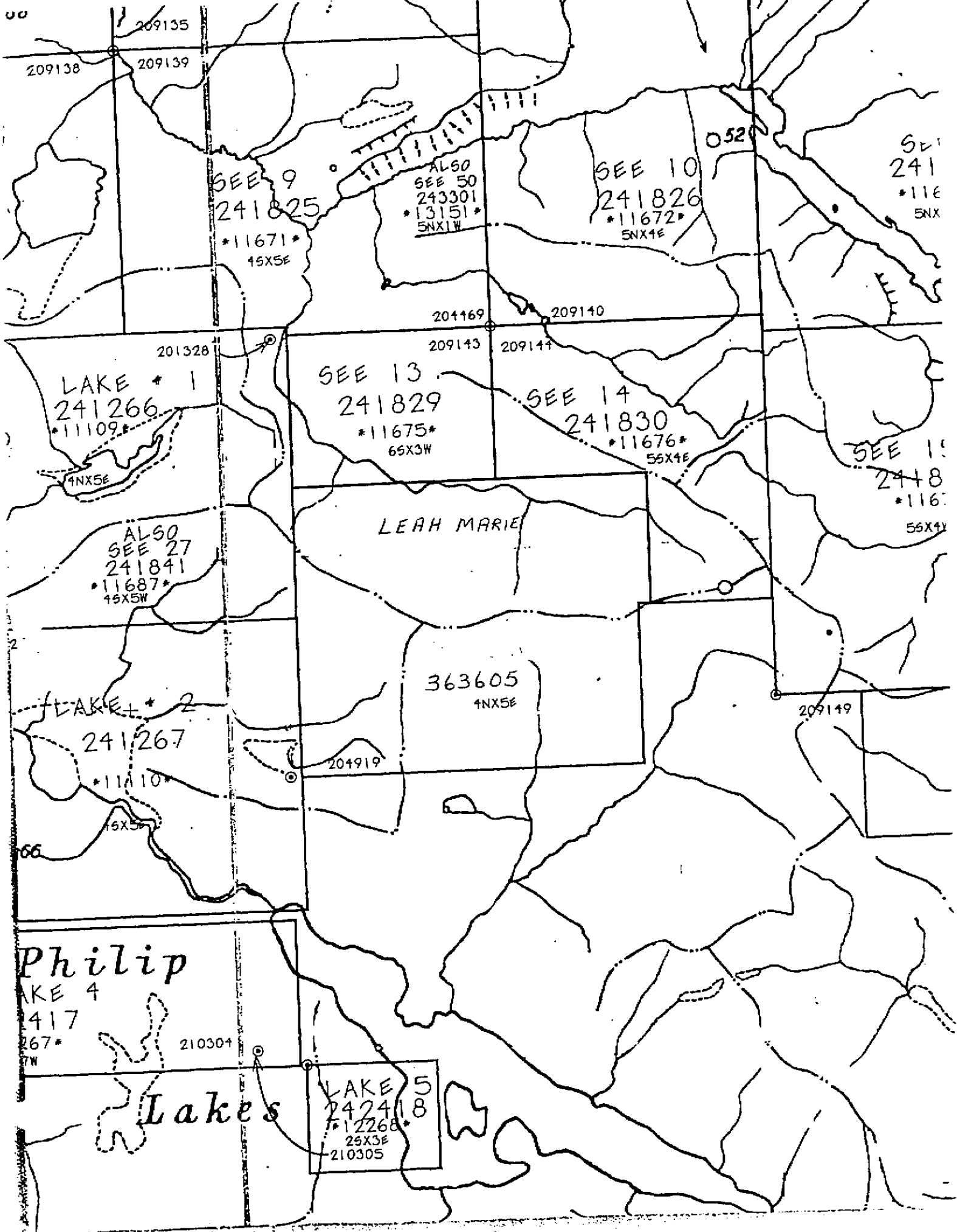
LOCATION MAP

DATE: JUNE 99
BY: RDF

FIGURE 1



Ha



209135

209138

209139

SEE 9
241825

11671
45X5E

ALSO
SEE 50
243301
13151
5X1W

SEE 10
241826

11672
5X4E

SEE 11
241
*11E
5X

201328

201169

209140

209143

209144

LAKE * 1
241266

11109
4X5E

SEE 13
241829

11675
65X3W

SEE 14
241830

11676
55X4E

SEE 15
2418
*11E
5X4E

ALSO
SEE 27
241841
11687
45X5W

LEAH MARIE

363605
4X5E

209149

LAKE * 2
241267

11110
4X5E

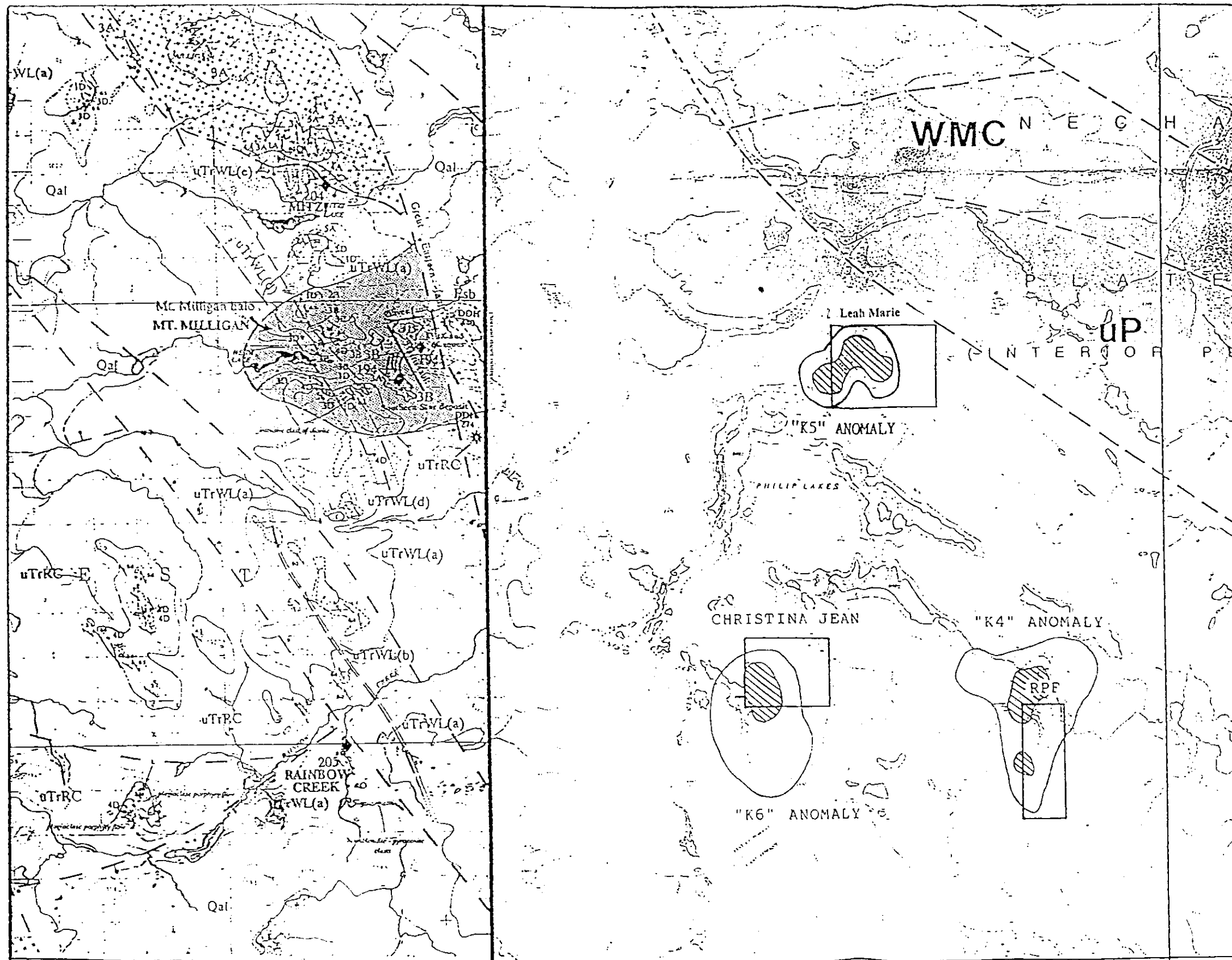
201919

Philip
LAKE 4
2417
267*
7W

210304

Lakes

LAKE 5
242418
12268
25X3E
210305



LEGEND

LAYERED ROCKS

QUATERNARY

Qal UNDEVELOPED GLACIAL TILL AND ALLUVIUM

QUATERNARY?

Qb OLIVINE-BEARING BASALT

Eocene - Oligocene

Esb VOLCANIC WACKE, PLANT-BEARING VOLCANIC ASH RICH MUDSTONE AND BASALT

UPPER TRIASSIC (- JURASSIC)

TAKLA GROUP

uTrCL CHURCH LAKE FORMATION: (A) GREEN AND MAROON METACLASTIC AGGLOMERATE; (B) PLAGIOCLASE PORPHYRY TRACHTITE FLOWS AND BAZZOS; (C) INTERVOLCANIC SEDIMENTS

uTrWL WITCH LAKE FORMATION: (A) ALGITE (+ PLAGIOCLASE + MONTELEONE) PORPHYRY AGGLOMERATE, LAPILLI TUFF AND EPICLASTIC SEDIMENTS; (B) TRACHTITE FLOWS AND TUFF, BAZZOS; (C) PLAGIOCLASE (+ ALGITE) PORPHYRY LATITE FLOWS AND AGGLOMERATES; (D) EPICLASTIC SEDIMENTS (SANDSTONES AND SILTSTONES); (E) MINOR AMOGBALOIDAL TRACHTITE FLOWS; (F) AMPHIBOLITE AND METAMORPHOSED ALGITE PORPHYRY FLOWS, LAPILLI TUFF, AGGLOMERATE AND SEDIMENTS

uTrIL INZANA LAKE FORMATION: VOLCANIC SANDSTONE, SILTSTONE, MUDSTONE, ARGILLITE, LAPILLI TUFF AND SEDIMENTARY BAZZOS

uTrRC RAINBOW CREEK FORMATION: GRAY SLATE, THIN-BEDDED SILTSTONE, MINOR VOLCANIC SEDIMENTS

INTRUSIVE ROCKS

LATE CRETACEOUS-EARLY TERTIARY

1 GRANITE SUITE: (A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR GRANITE; (B) AMPHIBOLITE/DACITE

LATE TRIASSIC-EARLY JURASSIC

2 SYENITE SUITE: (A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR SYENITE; (B) CROWDED PLAGIOCLASE PORPHYRITIC SYENITE; (C) ALGACRYSTIC SYENITE

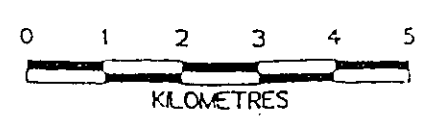
3 MONZONITE SUITE: (A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR MONZONITE; (B) CROWDED PLAGIOCLASE PORPHYRITIC MONZONITE; (C) MEGACRYSTIC PLAGIOCLASE MONZONITE; (D) SPARSELY PORPHYRITIC LATITE

4 DIORITE/MONZODIORITE SUITE: (A) COARSE TO MEDIUM GRAINED EQUIGRANULAR DIORITE/MONZODIORITE; (B) CROWDED PLAGIOCLASE PORPHYRITIC DIORITE; (C) MEGACRYSTIC PLAGIOCLASE (+ ALGITE) PORPHYRITIC DIORITE; (D) SPARSELY PORPHYRITIC ANDESITE

5 GABBRO/MONZOGABBRO SUITE: (A) COARSE TO MEDIUM GRAINED EQUIGRANULAR GABBRO/MONZOGABBRO

Geology Sources
 93 N/2E BC-MEMPR of 1992-1994 J.L. Nelson et al.
 93 N/1 BC-MEMPR of 1991-1993 J.L. Nelson et al.
 93 O/4W BC-MEMPR Geological Highway Map No. 3

Scale = 1:100 000



David Forshaw
 Leah Marie Claim
 OMINICA M. D., BC NTS 93-0-4

Regional Geology
 Scale 1 : 100,000
 Date: June/1999
 By: D. F.

Figure 3

1998-1999 Ground Spectrometer Survey
Conducted by D. Forshaw
Leah Marie Claim
British Columbia

Preliminary Note - (To accompany Graphs, Maps and Spreadsheets)

R.B.K. Shives
Head, Radiation Geophysics Section
Mineral Resources Division
Geological Survey of Canada
Ottawa

Hi Dave - thought I'd rush this to you - then discuss results. Call me when you can.

Some brief comments:

1. The 1999 readings are not valid. As illustrated on the graph of Raw Count Comparison, while total counts per minute appear only slightly lower in 1999 (relative to 1998 values), corresponding K, U and Th counts for 1999 stations are extremely low. This suggests a "gain" problem, which could be operator error (incorrect gain adjustment using the Cs137 source) or an instrumental problem (amplifier failure?). This may be determined upon examination of the DISA400A spectrometer, when it is returned to GSC.

2. 1998 Data

U values (MAP 2) collected along baseline appear significantly higher than elsewhere - K and eTh values do NOT show this - suggests temporal cause (were these surveyed as a group on one day, when rain/snow occurred, vs other stations on other days, when conditions were more ideal?)

Rob

ps - slight prob. with Table "1998 Results"
(first station (LM98-400d) appears twice)

↳ will correct this on final version

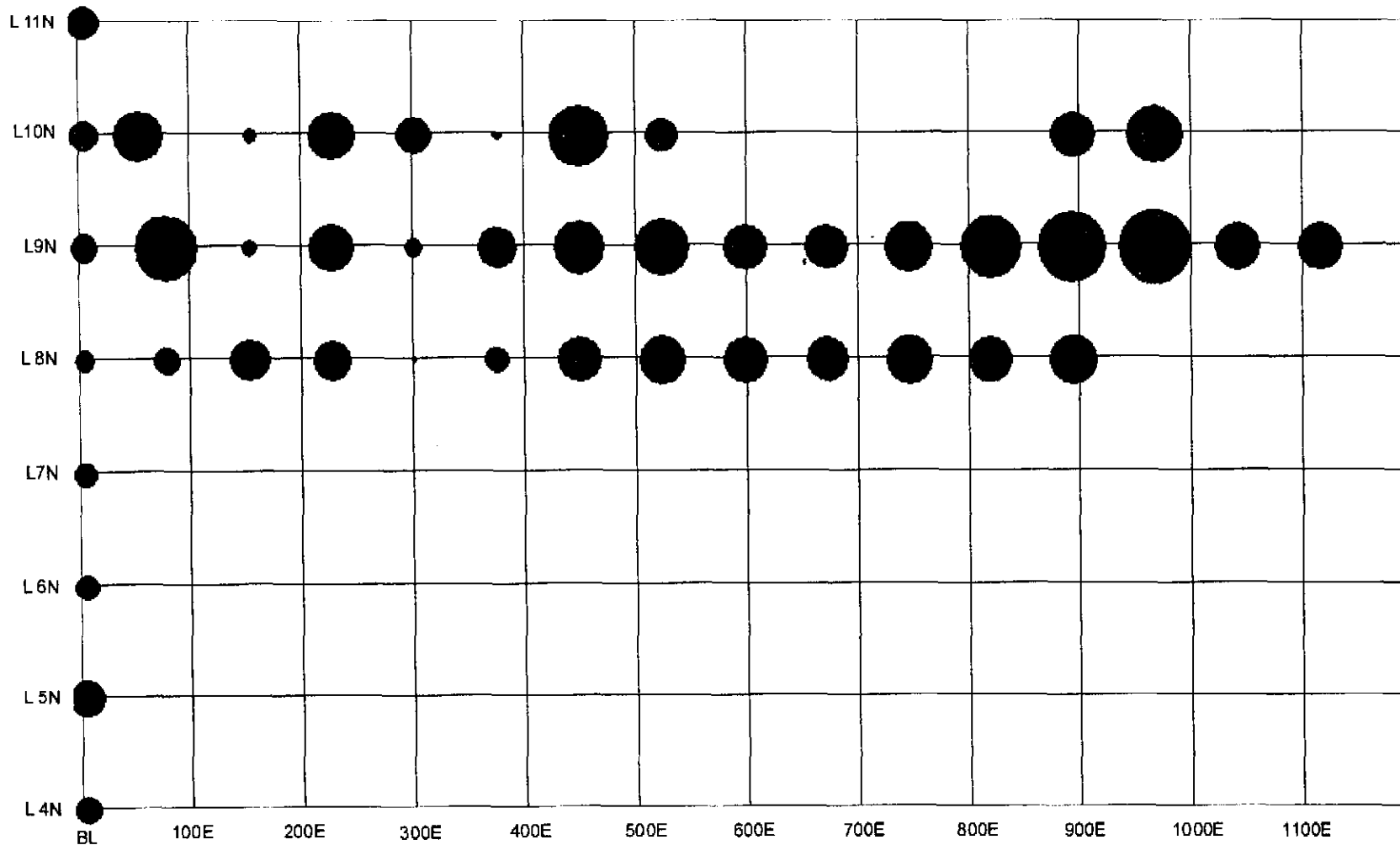
Ground Spectrometric Survey

Leah Marie Claim

September, 1998

Map 1: Potassium

Grid North



Survey conducted by Dave Forshaw using an Exploranium Disa400A 4-channel spectrometer calibrated by Radiation Geophysics Section, Geological Survey of Canada, Ottawa. Following background removal, raw counts were corrected for spectral scattering and sensitivities were applied to yield K, eU, eTh values.

Caution: results have been scaled linearly to indicate relative variations - for interpretation, actual data values must be considered.

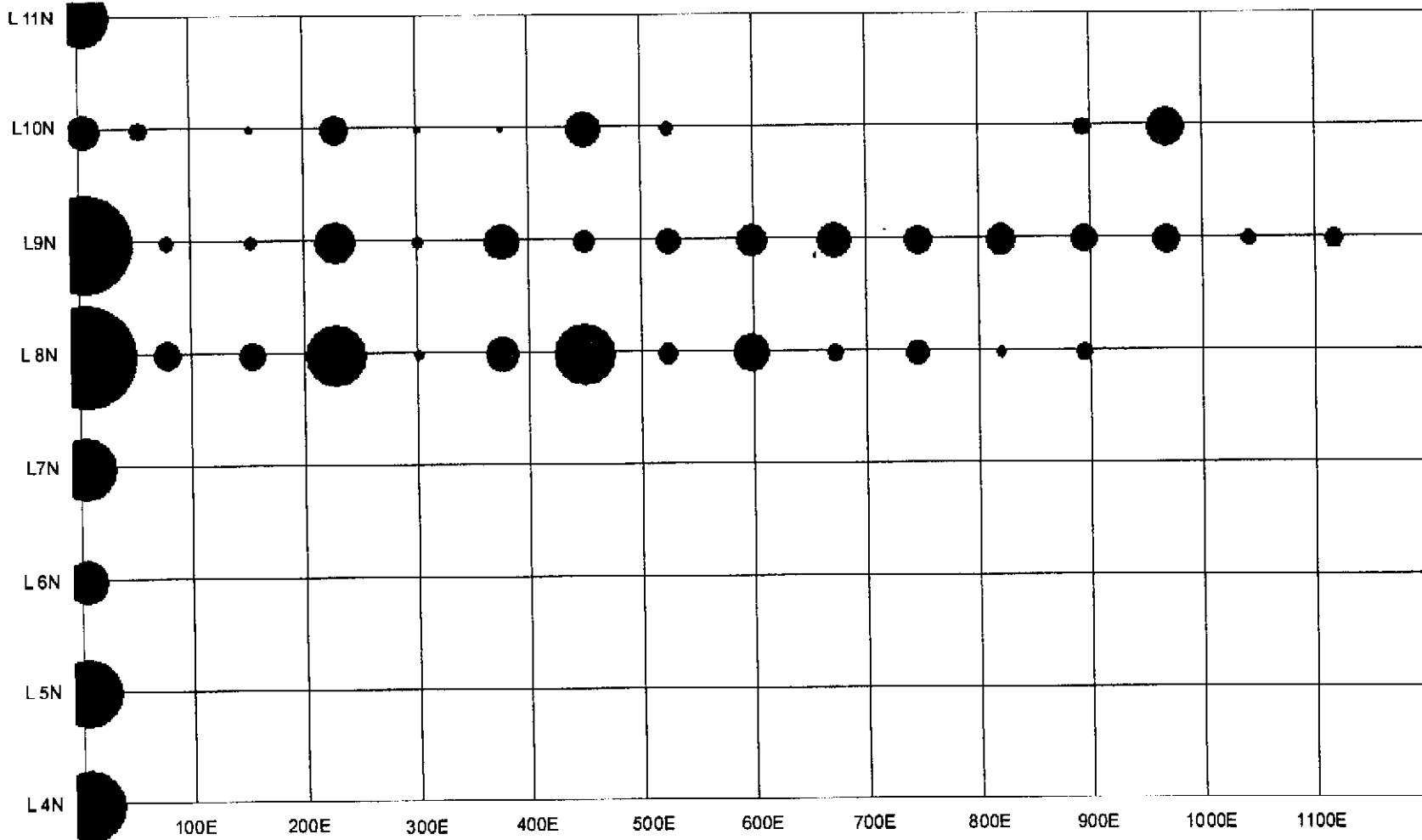
Ground Spectrometric Survey

Leah Marie Claim

September, 1998

Map 2: Equivalent Uranium

Grid North



Survey conducted by Dave Forshaw using an Exploranium Disa400A 4-channel spectrometer calibrated by Radiation Geophysics Section, Geological Survey of Canada, Ottawa. Following background removal, raw counts were corrected for spectral scattering and sensitivities were applied to yield K, eU, eTh values.

Caution: results have been scaled linearly to indicate relative variations - for interpretation, actual data values must be considered.

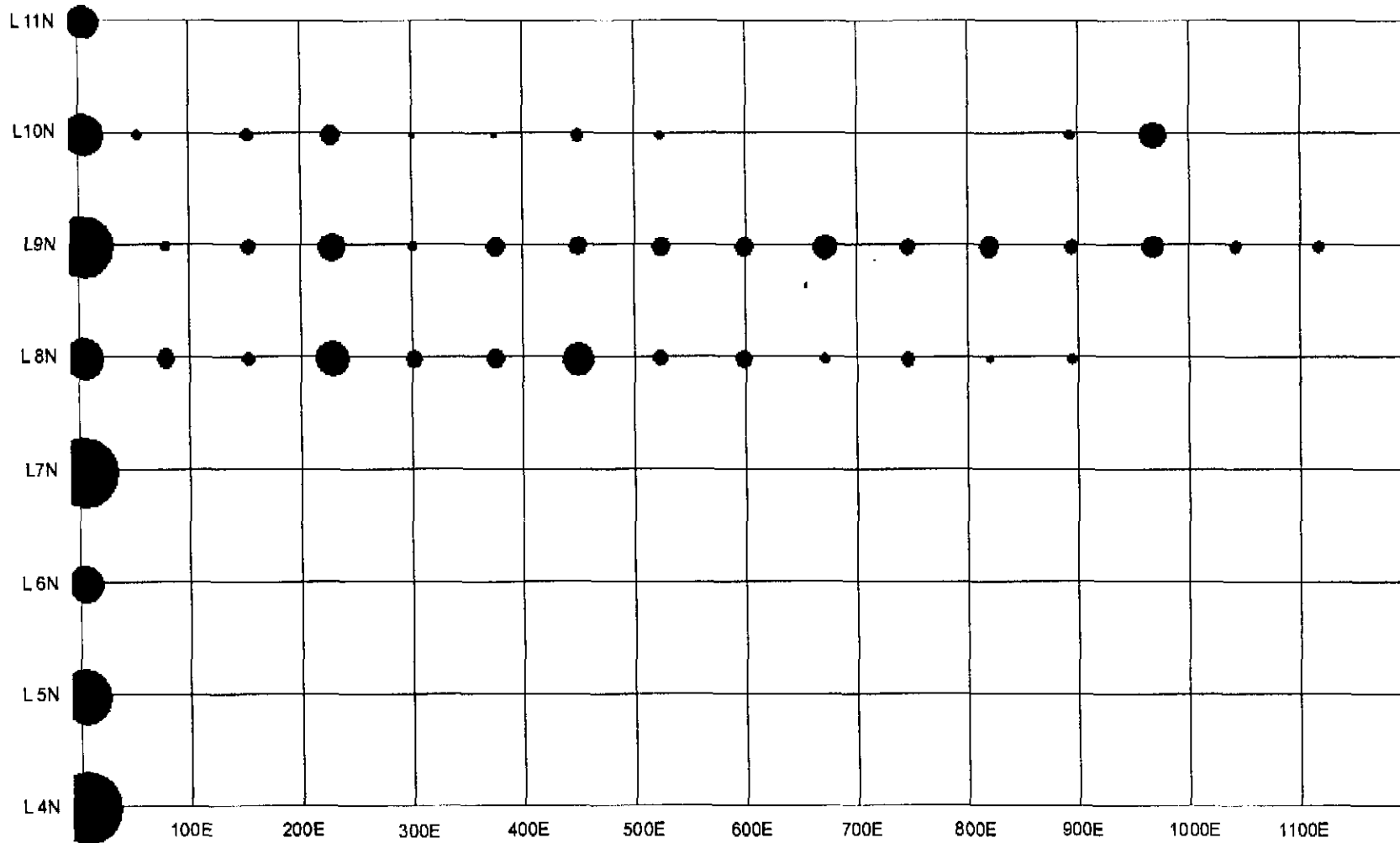
Ground Spectrometric Survey

Leah Marie Claim

September, 1998

Map 4: Equivalent Uranium/Equivalent Thorium

Grid North



Survey conducted by Dave Forshaw using an Exploranium Disa400A 4-channel spectrometer calibrated by Radiation Geophysics Section, Geological Survey of Canada, Ottawa. Following background removal, raw counts were corrected for spectral scattering and sensitivities were applied to yield K, eU, eTh values.

Caution: results have been scaled linearly to indicate relative variations - for interpretation, actual data values must be considered.

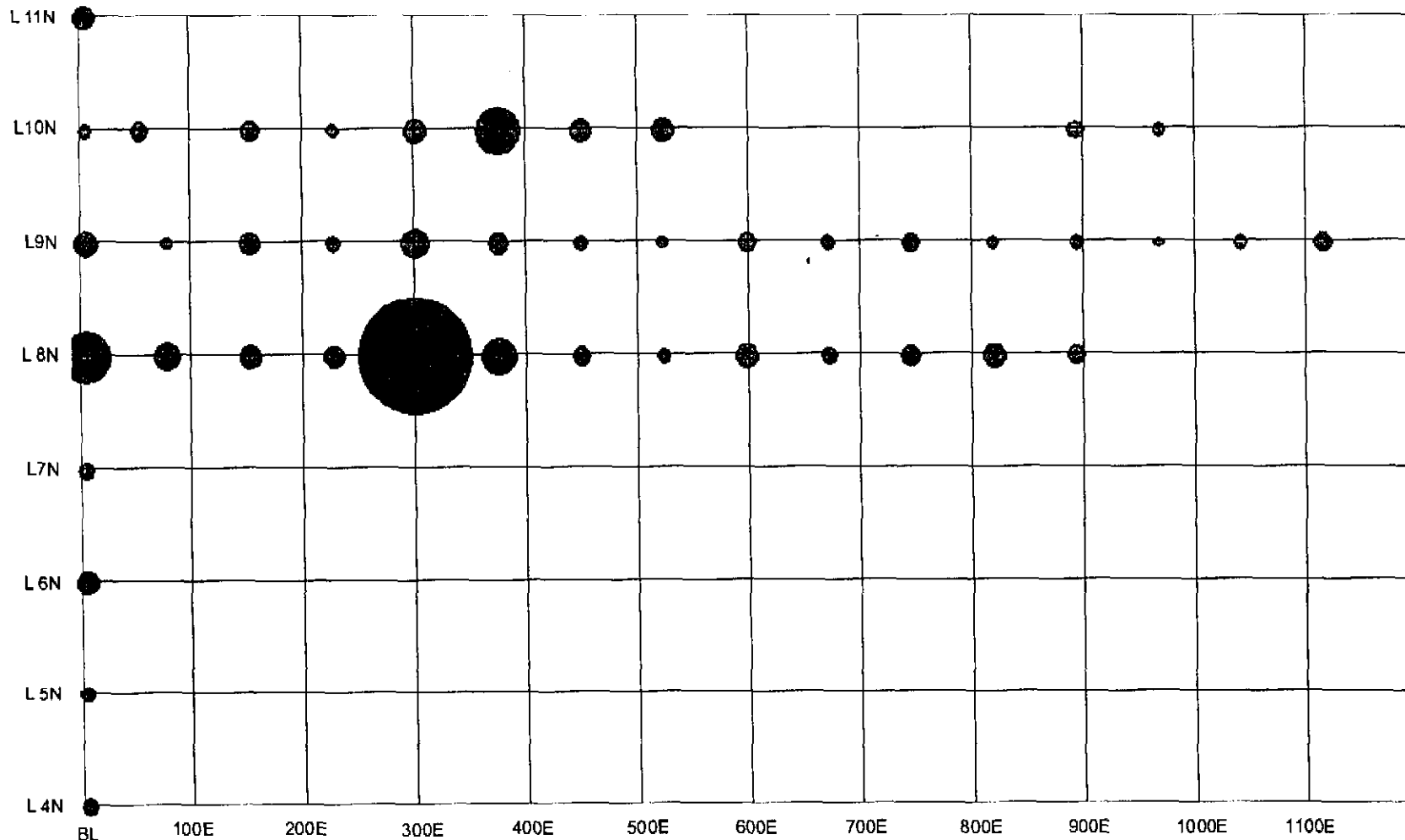
Ground Spectrometric Survey

Leah Marie Claim

September, 1998

Map 5: Equivalent Thorium/Potassium

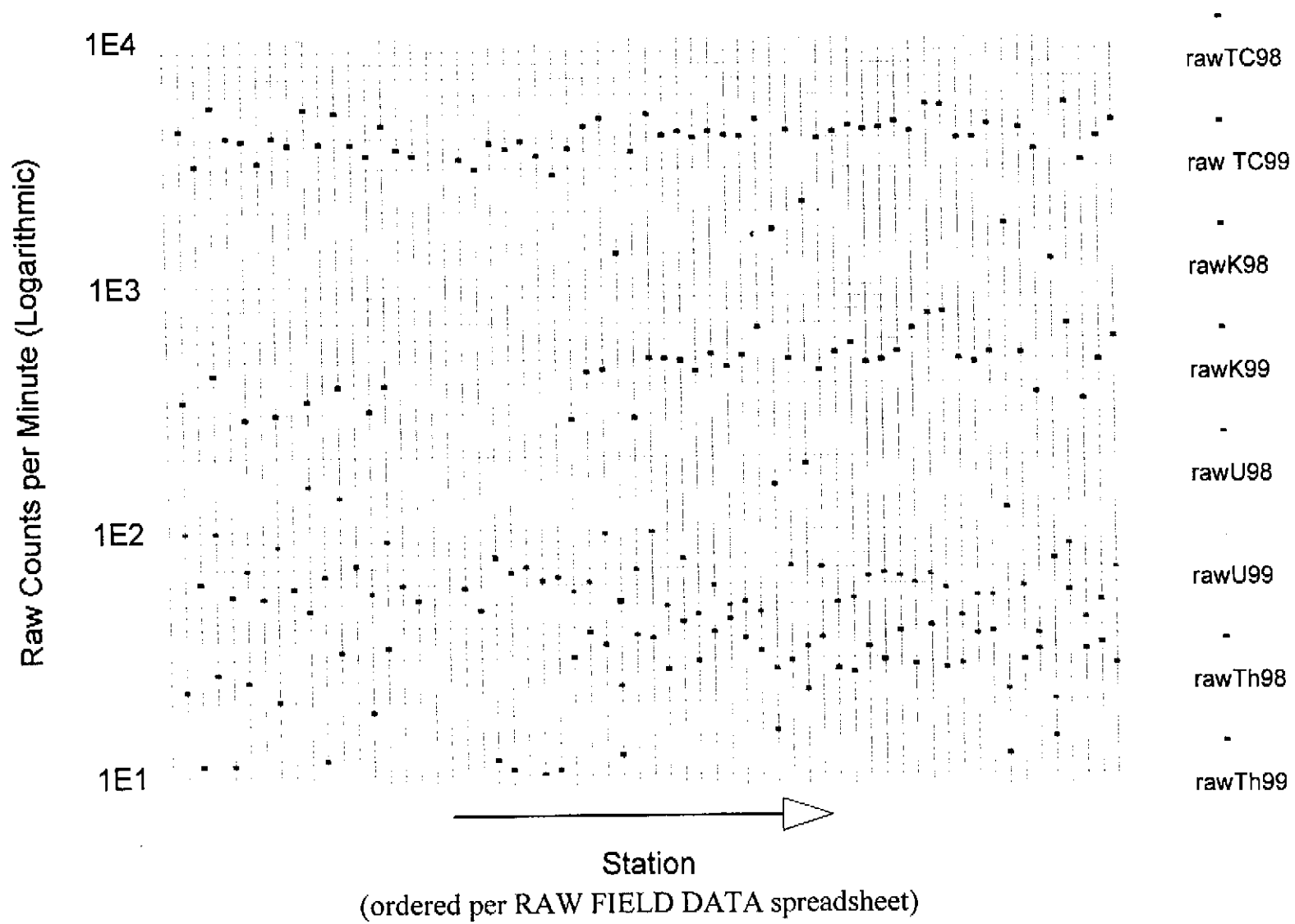
Grid North



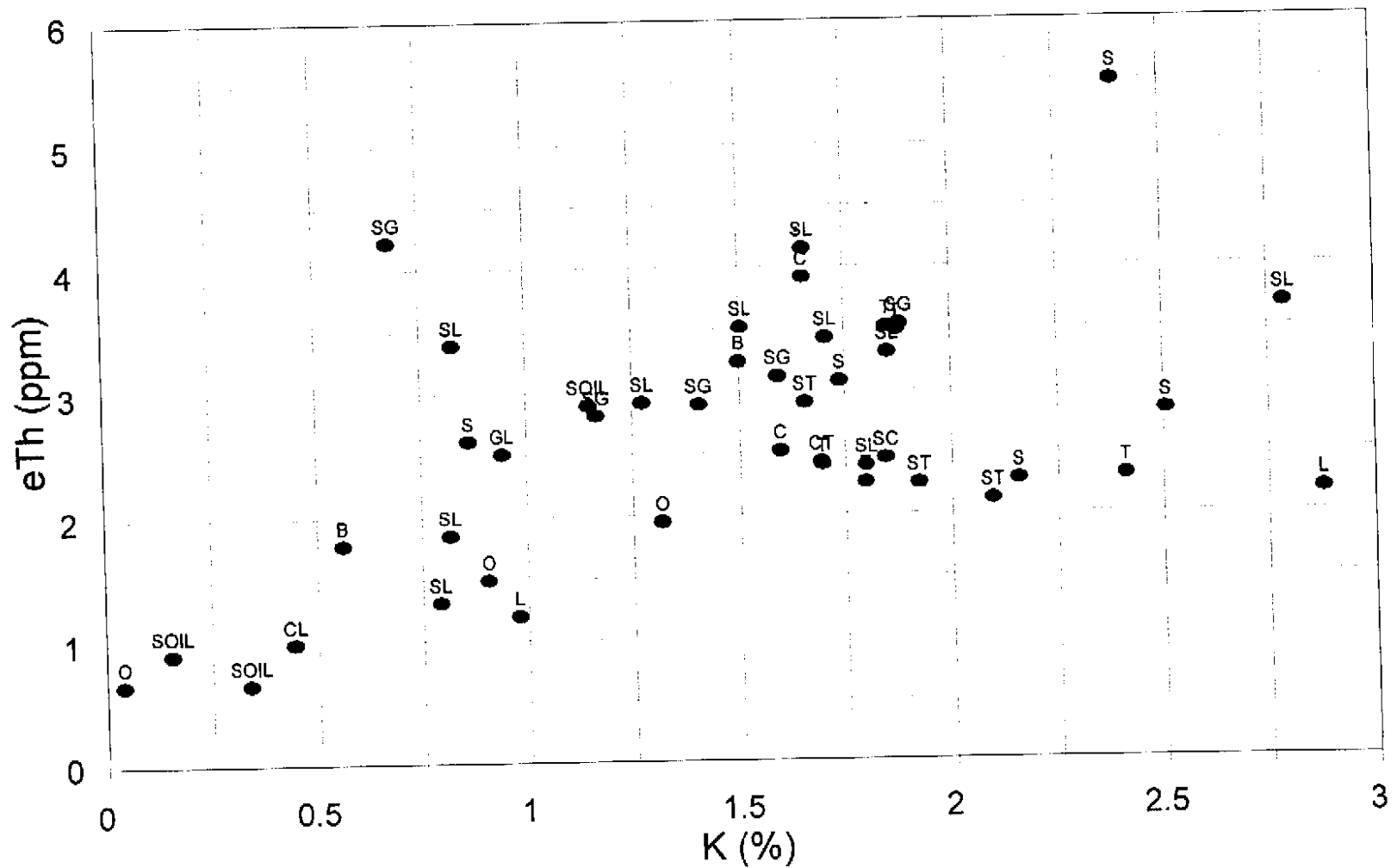
Survey conducted by Dave Forshaw using an Exploranium Disa400A 4-channel spectrometer calibrated by Radiation Geophysics Section, Geological Survey of Canada, Ottawa. Following background removal, raw counts were corrected for spectral scattering and sensitivities were applied to yield K, eU, eTh values.

Caution: results have been scaled linearly to indicate relative variations - for interpretation, actual data values must be considered.

1998 and 1999 Ground Spectrometry Raw Count Comparison



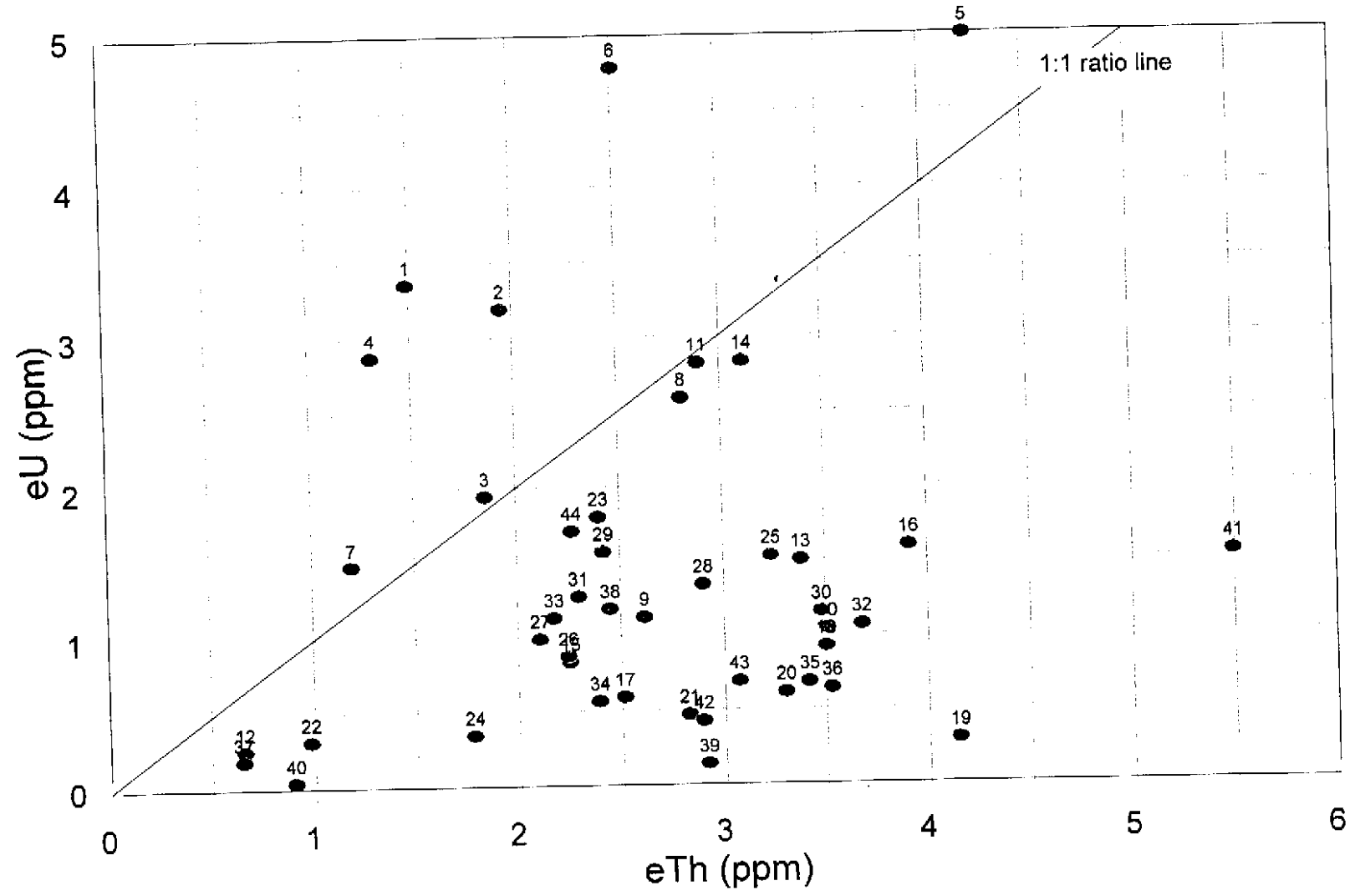
1998 Ground Spectrometer Survey Leah Marie Claim - eTh/K



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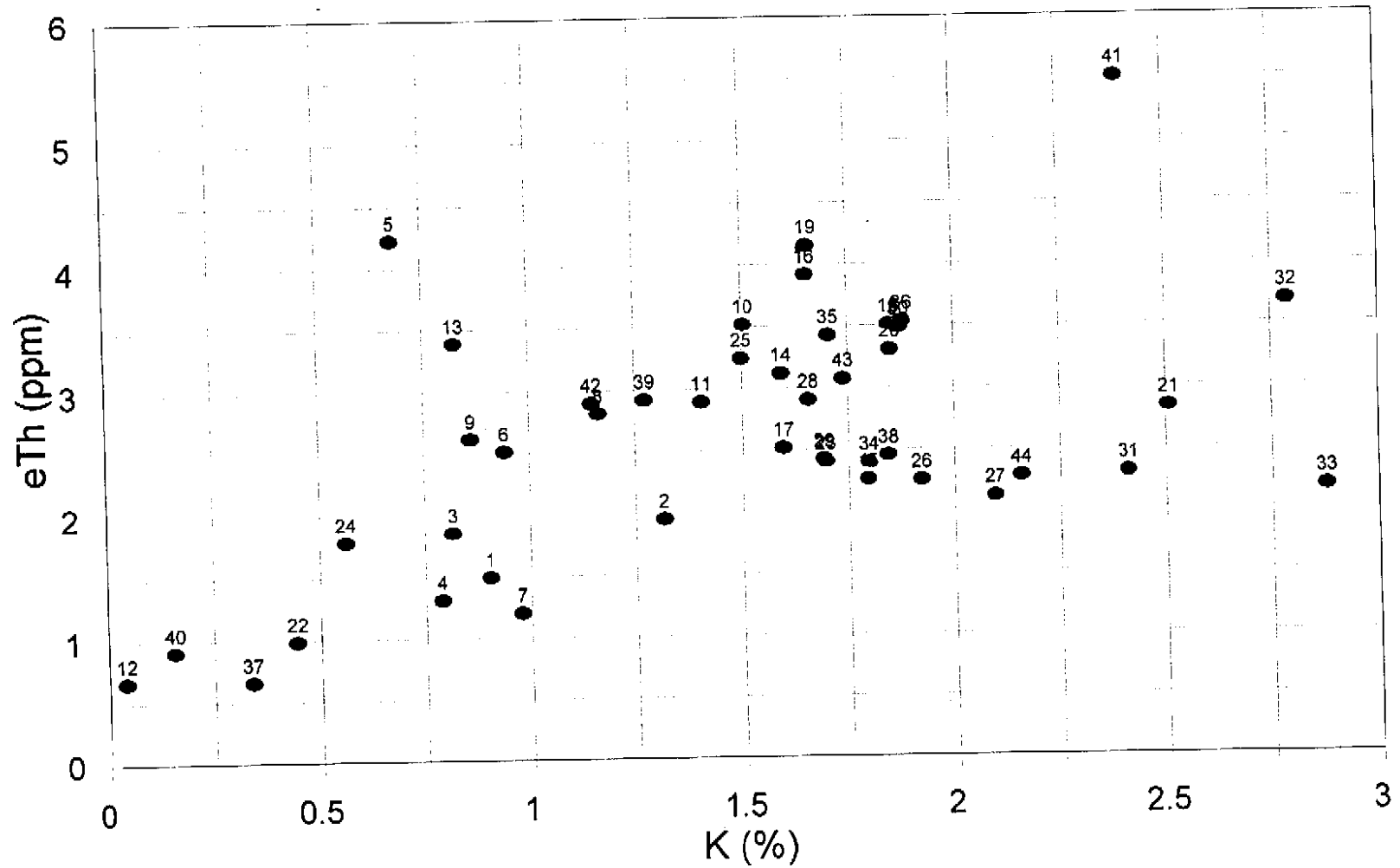
1998 Gound Spectrometer Survey

Leah Marie Claim - eU/eTh

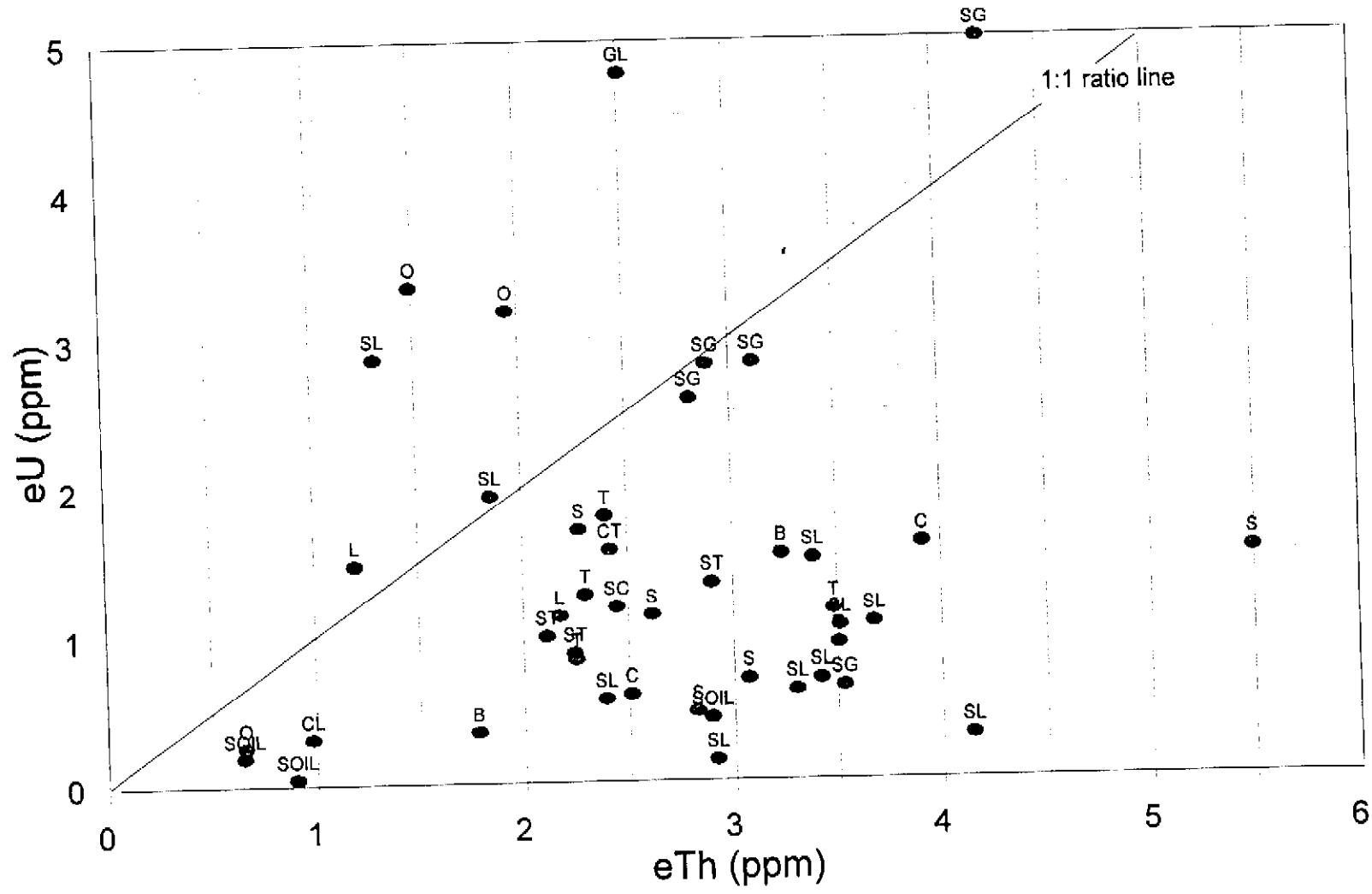


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1998 Gound Spectrometer Survey Leah Marie Claim - eTh/K



1998 Ground Spectrometer Survey Leah Marie Claim - eU/eTh



Ground Spectrometric Survey

Leah Marie Claim

September, 1998

Station	Graph Label #	Raw Field Readings				Corrected data - Concentrations						Code	Field notes
		TC	K	eU	eTh	K (%)	eU (ppm)	eTh (ppm)	eU/eTh	eU/K	eTh/K		
LM98-400N	1	4297	336	98	22	0.91	3.36	1.49	2.25	3.71	1.65	O	mossy, organic, ridge, spruce
LM98-500N	2	5373	434	98	26	1.32	3.19	1.95	1.64	2.42	1.48	O	mossy, organic, spruce
LM98-600N	3	3867	284	69	24	0.82	1.94	1.85	1.05	2.38	2.27	SL	flat mossy sandy loam, pine
LM98-700N	4	4016	296	86	20	0.79	2.87	1.31	2.19	3.63	1.66	SL	flat mossy sandy loam, pine
LM98-800N	5	5221	338	151	47	0.68	5.00	4.23	1.18	7.33	6.20	SG	rusty sandy gravel, flat, lichen, pine
LM98-900N	6	5039	385	136	32	0.94	4.79	2.51	1.91	5.07	2.66	GL	tan gravelly loam, ridge, lichen, pine
LM98-1000N	7	3362	308	55	18	0.98	1.48	1.20	1.23	1.51	1.22	L	tan gravelly loam, small hill, lichen, pine
LM98-1100N	8	4454	389	90	33	1.16	2.59	2.81	0.92	2.22	2.42	SG	rusty sandy gravel, ridge, spruce
LM98-800N, 75E	9	3586	281	56	30	0.86	1.13	2.62	0.43	1.30	3.03	S	wet, tan fine sand, spruce
LM98-800N, 150E	10	4397	440	61	38	1.51	1.04	3.51	0.30	0.69	2.33	SL	grey sandy loam, flat, spruce, pine
LM98-800N, 225E	11	4714	453	96	34	1.41	2.82	2.90	0.97	2.00	2.06	SG	rusty sandy gravel, ridge, spruce, pine
LM98-800N, 300E	12	1338	51	23	12	0.04	0.26	0.66	0.39	5.87	15.04	O	organic, flat, spruce
LM98-800N, 375E	13	3479	286	69	37	0.83	1.50	3.39	0.44	1.81	4.10	SL	brown sandy loam, flat, spruce
LM98-800N, 450E	14	4919	500	98	36	1.59	2.83	3.12	0.91	1.77	1.95	SG	brown sandy gravel, boulders, 20% grade, spruce
LM98-800N, 525E	15	4043	497	49	27	1.80	0.83	2.25	0.37	0.46	1.25	T	khaki till, 20 degree slope, spruce
LM98-800N, 600E	16	4183	491	76	42	1.66	1.59	3.92	0.41	0.96	2.37	C	brown clay, spruce, 20 degree slope
LM98-800N, 675E	17	3941	445	45	29	1.60	0.59	2.52	0.24	0.37	1.57	C	brown clay, spruce, 20 degree slope
LM98-800N, 750E	18	4176	520	59	38	1.85	0.92	3.51	0.26	0.50	1.89	T	khaki till, alder, spruce
LM98-800N, 825E	19	4036	463	49	43	1.66	0.30	4.15	0.07	0.18	2.50	SL	light brown sandy loam, spruce
LM98-800N, 900E	20	3973	512	51	36	1.85	0.62	3.31	0.19	0.33	1.78	SL	red brown sandy loam, pine, spruce
LM98-900N, 75E	21	4681	663	46	32	2.51	0.47	2.83	0.17	0.19	1.13	S	rusty fine sand, spruce, soil sample
LM98-900N, 150E	22	1667	151	27	15	0.45	0.31	0.99	0.32	0.70	2.21	CL	sandy clay loam, spruce
LM98-900N, 225E	23	4215	496	71	29	1.70	1.80	2.40	0.75	1.06	1.41	T	rusty tan till, pine, spruce, soil sample
LM98-900N, 300E	24	2155	185	33	22	0.56	0.35	1.78	0.19	0.62	3.17	B	dark brown soil, bog, balsam, spruce, soil sample
LM98-900N, 375E	25	3911	448	70	36	1.50	1.53	3.24	0.47	1.02	2.16	B	dark brown soil, bog, spruce, pine, soil sample
LM98-900N, 450E	26	4148	528	50	27	1.92	0.87	2.24	0.39	0.45	1.17	ST	tan, sandy till, 1" gravel, dispersed
LM98-900N, 525E	27	4422	571	52	26	2.10	0.98	2.11	0.47	0.47	1.01	ST	brown-tan sandy till, 1" gravel dispersed
LM98-900N, 600E	28	4231	479	64	33	1.66	1.34	2.90	0.46	0.81	1.75	ST	brown-tan sandy till, spruce, alder
LM98-900N, 675E	29	4307	490	66	29	1.69	1.57	2.42	0.65	0.92	1.43	CT	tan clay till, spruce, pine
LM98-900N, 750E	30	4546	531	64	38	1.88	1.15	3.49	0.33	0.61	1.86	T	tan till, spruce, alder
LM98-900N, 825E	31	4164	655	60	28	2.41	1.27	2.30	0.55	0.53	0.95	T	tan till, assorted size cobbles, pine, spruce
LM98-900N, 900E	32	5361	750	65	40	2.79	1.06	3.68	0.29	0.38	1.32	SL	red brown sandy loam, cobbles, pine
LM98-900N, 975E	33	5315	763	57	27	2.88	1.13	2.18	0.52	0.39	0.76	L	khaki loam containing broken basalt, spruce
LM98-900N, 1050E	34	3889	492	44	28	1.80	0.56	2.39	0.24	0.31	1.33	SL	rusty sandy loam, cobbles, spruce
LM98-900N, 1125E	35	3899	479	53	37	1.71	0.69	3.42	0.20	0.40	2.00	SL	light brown sandy loam, spruce
LM98-1000N, 50E	36	4452	521	53	38	1.88	0.64	3.53	0.18	0.34	1.88	SG	grey sandy mixed with gravel, spruce, pine, soil sample
LM98-1000N, 150E	37	1732	121	22	12	0.34	0.19	0.66	0.29	0.56	1.92	SOIL	dark brown soil, spruce, pine
LM98-1000N, 225E	38	4294	518	58	29	1.85	1.18	2.45	0.48	0.64	1.33	SC	light brown sandy clay, rocky, spruce, alder
LM98-1000N, 300E	39	3482	359	37	32	1.27	0.14	2.92	0.05	0.11	2.29	SL	light brown sandy loam, spruce
LM98-1000N, 375E	40	1247	75	20	14	0.16	0.04	0.91	0.05	0.27	5.74	SOIL	dark brown soil
LM98-1000N, 450E	41	5432	677	86	56	2.39	1.53	5.50	0.28	0.64	2.30	S	1m black soil over rusty sandy soil/rock mix, spruce
LM98-1000N, 525E	42	3137	335	43	32	1.15	0.43	2.90	0.15	0.37	2.52	SOIL	dark brown soil, spruce
LM98-1000N, 900E	43	3926	485	51	34	1.74	0.69	3.07	0.22	0.40	1.77	S	light rusty sandy soil, broken basalt frags, spruce
LM98-1000N, 975E	44	4584	604	69	28	2.16	1.71	2.27	0.75	0.79	1.05	S	rusty sandy loam, pine, spruce

Survey conducted by Dave Forshaw using an Exploranium Disa400A 4-channel spectrometer calibrated by Radiation Geophysics Section, Geological Survey of Canada, Ottawa. Following background removal, raw counts were corrected for spectral scattering and sensitivities were applied to yield K, eU, eTh values.

1998 and 1999 Ground Spectrometry - Leah Marie Claim, Phillips Lakes Area, BC
RAW FIELD DATA - ALL STATIONS

Survey conducted by D. Forshaw using Exploranium DISA400A 4channel spectrometer. Note: 1998=1 minute readings 1999=2 minute readings

Station	Year	Grid Coordinates		Spectrometer Raw Field Readings				Code	Field Notes
		Northing	Easting	TC	K	eU	eTh		
LM98-400N	1998	400	0	4297	336	98	22	O	mossy, organic, ridge, spruce
LM99-450N	1999	450	0	6175	122	65	22	SC	grey, fine sandy-clay
LM98-500N	1998	500	0	5373	434	98	26	O	mossy, organic, spruce
LM99-550N	1999	550	0	7995	108	62	22	SC	tan, fine sandy-clay, south sloping
LM98-600N	1998	600	0	3867	284	69	24	SL	flat mossy sandy loam, pine
LM99-650N	1999	650	0	6341	105	68	14	S	brown sandy, pine, aspen, alder
LM98-700N	1998	700	0	4016	296	86	20	SL	flat mossy sandy loam, pine
LM99-750N	1999	750	0	7464	116	73	9	SG	very rusty sand and gravel, pine, spruce
LM98-800N	1998	800	0	5221	338	151	47	SG	rusty sandy gravel, flat, lichen, pine
LM99-850N	1999	850	0	7556	130	64	23	SG	tan sandy gravel, pine, spruce
LM98-900N	1998	900	0	5039	385	136	32	GL	tan gravelly loam, ridge, lichen, pine
LM99-950N	1999	950	0	7458	144	69	17	SG	khaki fine sand and gravel, pine, spruce
LM98-1000N	1998	1000	0	3362	308	55	18	L	tan gravelly loam, small hill, lichen, pine
LM98-1100N	1998	1100	0	4454	389	90	33	SG	rusty sandy gravel, ridge, spruce
LM99-950N, 25E	1999	950	25	7106	119	70	15	SG	khaki fine sand and gravel, alder, spruce
LM99-950N, 50E	1999	950	50	6707	103	66	16	G	brown clay gravel, alder, spruce, pine
LM99-950N, 75E	1999	950	75					W	no reading, wet bog, alder
LM99-950N, 100E	1999	950	100					W	no reading, wet meadow, alder
LM99-950N, 125E	1999	950	125	6497	115	82	8	S	fine sand, fist-size cobbles, balsam, alder, black spruce
LM99-950N, 150E	1999	950	150	5918	94	62	12	SG	slightly damp khaki fine sand and gravel, spruce, pine
LM99-950N, 175E	1999	950	175	7538	154	64	23	SG	khaki fine sand and fist-sized cobbles, spruce, pine
LM99-950N, 200E	1999	950	200	7149	133	65	21	SG	tan sand and gravel, pine, spruce
LM99-950N, 225E	1999	950	225	7640	141	74	15	SG	khaki sand and gravel, fist-sized cobbles, spruce, pine
LM99-950N, 250E	1999	950	250	6647	124	60	20	SG	black sand, softball-size cobbles, alder, spruce
LM99-950N, 275E	1999	950	275	5607	128	48	21	L	black loamy soil and cobbles, spruce
LM98-800N, 75E	1998	800	75	3586	281	56	30	S	wet, tan fine sand, spruce
LM98-800N, 150E	1998	800	150	4397	440	61	38	SL	grey sandy loam, flat, spruce, pine
LM98-800N, 225E	1998	800	225	4714	453	96	34	SG	rusty sandy gravel, ridge, spruce, pine
LM98-800N, 300E	1998	800	300	1338	51	23	12	O	organic, flat, spruce
LM98-800N, 375E	1998	800	375	3479	286	69	37	SL	brown sandy loam, flat, spruce
LM98-800N, 450E	1998	800	450	4919	500	98	36	SG	brown sandy gravel, boulders, 20% grade, spruce
LM98-800N, 525E	1998	800	525	4043	497	49	27	T	khaki till, 20 degree slope, spruce
LM98-800N, 600E	1998	800	600	4183	491	76	42	C	brown clay, spruce, 20 degree slope

1998 and 1999 Ground Spectrometry - Leah Marie Claim, Phillips Lakes Area, BC
RAW FIELD DATA - ALL STATIONS

Survey conducted by D. Forshaw using Exploranium DISA400A 4channel spectrometer. Note: 1998=1 minute readings 1999=2 minute readings

Station	Year	Grid Coordinates		Spectrometer Raw Field Readings				Code	Field Notes
		Northing	Easting	TC	K	eU	eTh		
LM98-800N, 675E	1998	800	675	3941	445	45	29	C	brown clay, spruce, 20 degree slope
LM98-800N, 750E	1998	800	750	4176	520	59	38	T	khaki till, alder, spruce
LM98-800N, 825E	1998	800	825	4036	463	49	43	SL	light brown sandy loam, spruce
LM98-800N, 900E	1998	800	900	3973	512	51	36	SL	red brown sandy loam, pine, spruce
LM98-900N, 75E	1998	900	75	4681	663	46	32	S	rusty fine sand, spruce, soil sample
LM98-900N, 150E	1998	900	150	1667	151	27	15	CL	sandy clay loam, spruce
LM98-900N, 225E	1998	900	225	4215	496	71	29	T	rusty tan till, pine, spruce, soil sample
LM98-900N, 300E	1998	900	300	2155	185	33	22	B	dark brown soil, bog, balsam, spruce, soil sample
LM98-900N, 375E	1998	900	375	3911	448	70	36	B	dark brown soil, bog, spruce, pine, soil sample
LM98-900N, 450E	1998	900	450	4148	528	50	27	ST	tan, sandy till, 1" gravel, dispersed
LM98-900N, 525E	1998	900	525	4422	571	52	26	ST	brown-tan sandy till, 1" gravel dispersed
LM98-900N, 600E	1998	900	600	4231	479	64	33	ST	brown-tan sandy till, spruce, alder
LM98-900N, 675E	1998	900	675	4307	490	66	29	CT	tan clay till, spruce, pine
LM98-900N, 750E	1998	900	750	4546	531	64	38	T	tan till, spruce, alder
LM98-900N, 825E	1998	900	825	4164	655	60	28	T	tan till, assorted size cobbles, pine, spruce
LM98-900N, 900E	1998	900	900	5361	750	65	40	SL	red brown sandy loam, cobbles, pine
LM98-900N, 975E	1998	900	975	5315	763	57	27	L	khaki loam containing broken basalt, spruce
LM98-900N, 1050E	1998	900	1050	3889	492	44	28	SL	rusty sandy loam, cobbles, spruce
LM98-900N, 1125E	1998	900	1125	3899	479	53	37	SL	light brown sandy loam, spruce
LM98-1000N, 50E	1998	1000	50	4452	521	53	38	SG	grey sandy mixed with gravel, spruce, pine, soil sample
LM98-1000N, 150E	1998	1000	150	1732	121	22	12	SOIL	dark brown soil, spruce, pine
LM98-1000N, 225E	1998	1000	225	4294	518	58	29	SC	light brown sandy clay, rocky, spruce, alder
LM98-1000N, 300E	1998	1000	300	3482	359	37	32	SL	light brown sandy loam, spruce
LM98-1000N, 375E	1998	1000	375	1247	75	20	14	SOIL	dark brown soil
LM98-1000N, 450E	1998	1000	450	5432	677	86	56	S	1m black soil over rusty sandy soil/rock mix, spruce
LM98-1000N, 525E	1998	1000	525	3137	335	43	32	SOIL	dark brown soil, spruce
LM98-1000N, 900E	1998	1000	900	3926	485	51	34	S	light rusty sandy soil, broken basalt frags, spruce
LM98-1000N, 975E	1998	1000	975	4584	604	69	28	S	rusty sandy loam, pine, spruce

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1998 and 1999 Ground Spectrometry - Leah Marie Claim, Phillips Lakes Area, BC
1999 RESULTS

Station	Year	Grid Coordinates		Graph Label #	Spectrometer Raw Field Readings				Spectrometer "Corrected" Concentrations *					
		Northing	Easting		raw TC	raw K	raw eU	raw eTh	K (%)	eU (ppm)	eTh (ppm)	eU/eTh	eU/K	eTh/K
LM99-450N	1999	450	0	45	6175	122	65	22	0.06	0.73	0.50	12.49	1.46	8.56
LM99-450N	1999	450	0	45	6175	122	65	22	0.06	0.73	0.50	12.49	1.46	8.56
LM99-550N	1999	550	0	46	7995	108	62	22	0.03	0.66	0.51	20.33	1.30	15.59
LM99-650N	1999	650	0	47	6341	105	68	14	0.01	0.95	0.03	86.16	33.62	2.56
LM99-750N	1999	750	0	48	7464	116	73	9	0.02	1.16	-0.28	46.61	-4.18	-11.15
LM99-850N	1999	850	0	49	7556	130	64	23	0.08	0.69	0.56	8.65	1.23	7.05
LM99-950N	1999	950	0	50	7458	144	69	17	0.10	0.91	0.20	9.09	4.59	1.98
LM99-950N, 25E	1999	950	25	51	7106	119	70	15	0.04	0.98	0.08	24.78	11.96	2.07
LM99-950N, 50E	1999	950	50	52	6707	103	66	16	0.01	0.87	0.15	77.89	5.79	13.46
LM99-950N, 75E	1999	950	75	53	(no reading taken -wet ground)									
LM99-950N, 100E	1999	950	100	54	(no reading taken -wet ground)									
LM99-950N, 125E	1999	950	125	55	6497	115	82	8	0.00	1.39	-0.35	679.72	-3.92	-173.21
LM99-950N, 150E	1999	950	150	56	5918	94	62	12	-0.00	0.85	-0.08	-564.93	-11.12	50.80
LM99-950N, 175E	1999	950	175	57	7538	154	64	23	0.14	0.69	0.56	5.05	1.23	4.12
LM99-950N, 200E	1999	950	200	58	7149	133	65	21	0.08	0.75	0.44	8.89	1.69	5.25
LM99-950N, 225E	1999	950	225	59	7640	141	74	15	0.08	1.07	0.07	13.04	14.89	0.88
LM99-950N, 250E	1999	950	250	60	6647	124	60	20	0.07	0.65	0.40	8.75	1.65	5.31
LM99-950N, 275E	1999	950	275	61	5607	128	48	21	0.11	0.35	0.48	3.14	0.73	4.31

* CAUTION !! These readings DO NOT appear valid and should not be used.

All readings taken using 2 minute count time.

Raw count windows entered from Forshaws raw 1999 field readings DISA400A ND067/xl ND078

Window limits used not known

Backgrounds Used: K=30, U=13, Th=6 (cpm)

Forward Stripping Ratios Used: alpha=0.76, beta=0.67, gamma=0.96

Reverse Stripping Ratios Used: a=0.036, b=0.0017, g=0.0078

Sensitivities Used: K=215.3 cpm/%, U=21.9 cpm/ppm, Th=8.76 cpm/ppm

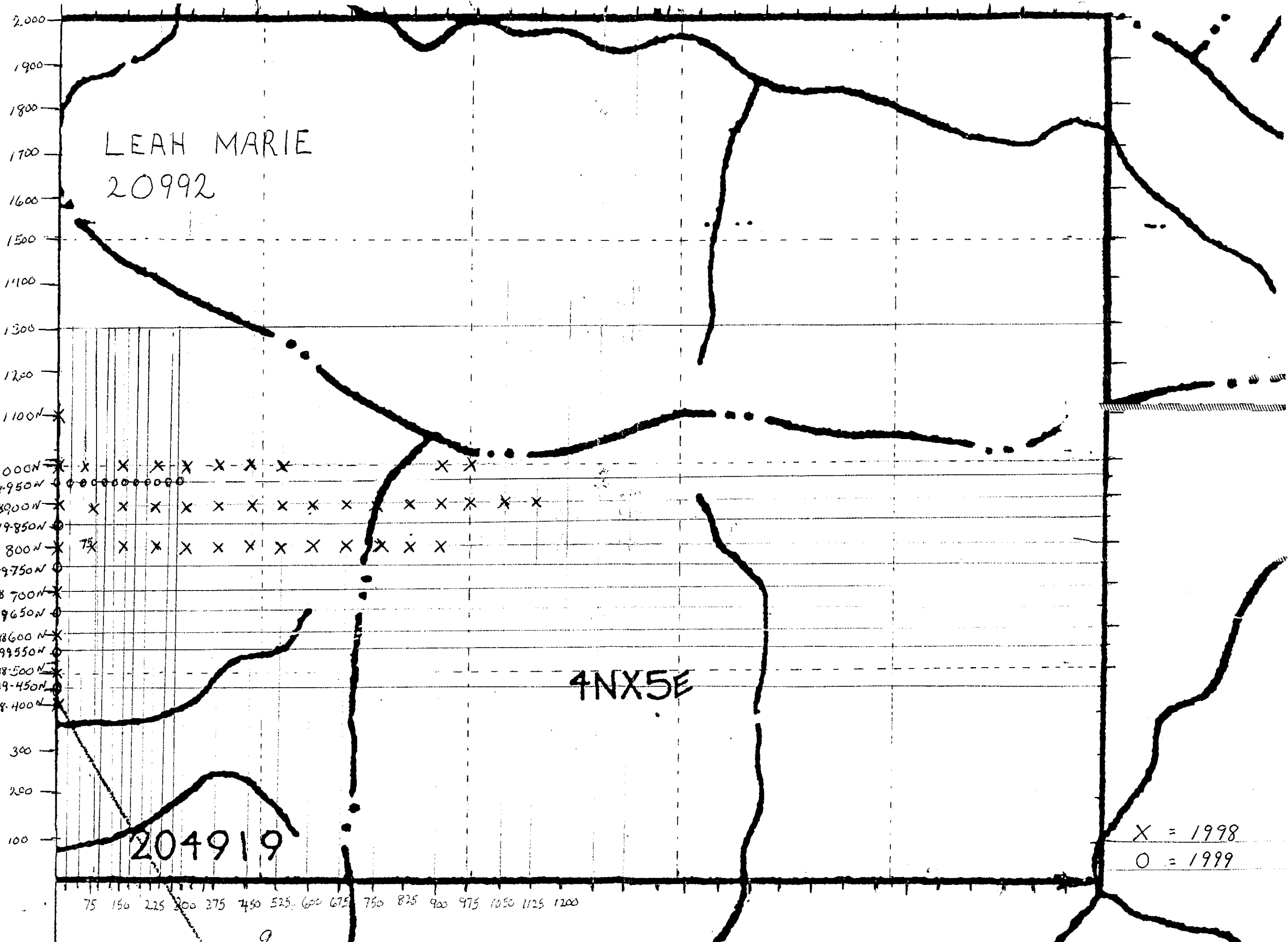
1998 and 1999 Ground Spectrometry - Leah Marie Claim, Phillips Lakes Area, BC
1998 RESULTS

Station	Grid Coord.		Graph Label #	Raw Field Readings				Corrected data - Concentrations						Code	Field notes
	North	East		TC	K	eU	eTh	K (%)	eU (ppm)	eTh (ppm)	eU/eTh	eU/K	eTh/K		
LM98-400N	400	0	1	4297	336	98	22	0.91	3.36	1.49	2.25	3.71	1.65	O	mossy, organic, ridge, spruce
LM98-400N	400	0	1	4297	336	98	22	0.91	3.36	1.49	2.25	3.71	1.65	O	mossy, organic, ridge, spruce
LM98-500N	500	0	2	5373	434	98	26	1.32	3.19	1.95	1.64	2.42	1.48	O	mossy, organic, spruce
LM98-600N	600	0	3	3867	284	69	24	0.82	1.94	1.85	1.05	2.38	2.27	SL	flat mossy sandy loam, pine
LM98-700N	700	0	4	4016	296	86	20	0.79	2.87	1.31	2.19	3.63	1.66	SL	flat mossy sandy loam, pine
LM98-800N	800	0	5	5221	338	151	47	0.68	5.00	4.23	1.18	7.33	6.20	SG	rusty sandy gravel, flat, lichen, pine
LM98-900N	900	0	6	5039	385	136	32	0.94	4.79	2.51	1.91	5.07	2.66	GL	tan gravelly loam, ridge, lichen, pine
LM98-1000N	1000	0	7	3362	308	55	18	0.98	1.48	1.20	1.23	1.51	1.22	L	tan gravelly loam, small hill, lichen, pine
LM98-1100N	1100	0	8	4454	389	90	33	1.16	2.59	2.81	0.92	2.22	2.42	SG	rusty sandy gravel, ridge, spruce
LM98-800N, 75E	800	75	9	3586	281	56	30	0.86	1.13	2.62	0.43	1.30	3.03	S	wet, tan fine sand, spruce
LM98-800N, 150E	800	150	10	4397	440	61	38	1.51	1.04	3.51	0.30	0.69	2.33	SL	grey sandy loam, flat, spruce, pine
LM98-800N, 225E	800	225	11	4714	453	96	34	1.41	2.82	2.90	0.97	2.00	2.06	SG	rusty sandy gravel, ridge, spruce, pine
LM98-800N, 300E	800	300	12	1338	51	23	12	0.04	0.26	0.66	0.39	5.87	15.04	O	organic, flat, spruce
LM98-800N, 375E	800	375	13	3479	286	69	37	0.83	1.50	3.39	0.44	1.81	4.10	SL	brown sandy loam, flat, spruce
LM98-800N, 450E	800	450	14	4919	500	98	36	1.59	2.83	3.12	0.91	1.77	1.95	SG	brown sandy gravel, boulders, 20% grade, spruce
LM98-800N, 525E	800	525	15	4043	497	49	27	1.80	0.83	2.25	0.37	0.46	1.25	T	khaki till, 20 degree slope, spruce
LM98-800N, 600E	800	600	16	4183	491	76	42	1.66	1.59	3.92	0.41	0.96	2.37	C	brown clay, spruce, 20 degree slope
LM98-800N, 675E	800	675	17	3941	445	45	29	1.60	0.59	2.52	0.24	0.37	1.57	C	brown clay, spruce, 20 degree slope
LM98-800N, 750E	800	750	18	4176	520	59	38	1.85	0.92	3.51	0.26	0.50	1.89	T	khaki till, alder, spruce
LM98-800N, 825E	800	825	19	4036	463	49	43	1.66	0.30	4.15	0.07	0.18	2.50	SL	light brown sandy loam, spruce
LM98-800N, 900E	800	900	20	3973	512	51	36	1.85	0.62	3.31	0.19	0.33	1.78	SL	red brown sandy loam, pine, spruce
LM98-900N, 75E	900	75	21	4681	663	46	32	2.51	0.47	2.83	0.17	0.19	1.13	S	rusty fine sand, spruce, soil sample
LM98-900N, 150E	900	150	22	1667	151	27	15	0.45	0.31	0.99	0.32	0.70	2.21	CL	sandy clay loam, spruce
LM98-900N, 225E	900	225	23	4215	496	71	29	1.70	1.80	2.40	0.75	1.06	1.41	T	rusty tan till, pine, spruce, soil sample
LM98-900N, 300E	900	300	24	2155	185	33	22	0.56	0.35	1.78	0.19	0.62	3.17	B	dark brown soil, bog, balsam, spruce, soil sample
LM98-900N, 375E	900	375	25	3911	448	70	36	1.50	1.53	3.24	0.47	1.02	2.16	B	dark brown soil, bog, spruce, pine, soil sample
LM98-900N, 450E	900	450	26	4148	528	50	27	1.92	0.87	2.24	0.39	0.45	1.17	ST	tan, sandy till, 1" gravel, dispersed
LM98-900N, 525E	900	525	27	4422	571	52	26	2.10	0.98	2.11	0.47	0.47	1.01	ST	brown-tan sandy till, 1" gravel dispersed
LM98-900N, 600E	900	600	28	4231	479	64	33	1.66	1.34	2.90	0.46	0.81	1.75	ST	brown-tan sandy till, spruce, alder
LM98-900N, 675E	900	675	29	4307	490	66	29	1.69	1.57	2.42	0.65	0.92	1.43	CT	tan clay till, spruce, pine
LM98-900N, 750E	900	750	30	4546	531	64	38	1.88	1.15	3.49	0.33	0.61	1.86	T	tan till, spruce, alder
LM98-900N, 825E	900	825	31	4164	655	60	28	2.41	1.27	2.30	0.55	0.53	0.95	T	tan till, assorted size cobbles, pine, spruce
LM98-900N, 900E	900	900	32	5361	750	65	40	2.79	1.06	3.68	0.29	0.38	1.32	SL	red brown sandy loam, cobbles, pine
LM98-900N, 975E	900	975	33	5315	763	57	27	2.88	1.13	2.18	0.52	0.39	0.76	L	khaki loam containing broken basalt, spruce

**1998 and 1999 Ground Spectrometry - Leah Marie Claim, Phillips Lakes Area, BC
1998 RESULTS**

Station	Grid Coord.		Graph Label #	Raw Field Readings				Corrected data - Concentrations						Code	Field notes
	North	East		TC	K	eU	eTh	K (%)	eU (ppm)	eTh (ppm)	eU/eTh	eU/K	eTh/K		
LM98-400N	400	0	1	4297	336	98	22	0.91	3.36	1.49	2.25	3.71	1.65	O	mossy, organic, ridge, spruce
LM98-900N, 1050E	900	1050	34	3889	492	44	28	1.80	0.56	2.39	0.24	0.31	1.33	SL	rusty sandy loam, cobbles, spruce
LM98-900N, 1125E	900	1125	35	3899	479	53	37	1.71	0.69	3.42	0.20	0.40	2.00	SL	light brown sandy loam, spruce
LM98-1000N, 50E	1000	50	36	4452	521	53	38	1.88	0.64	3.53	0.18	0.34	1.88	SG	grey sandy mixed with gravel, spruce, pine, soil sample
LM98-1000N, 150E	1000	150	37	1732	121	22	12	0.34	0.19	0.66	0.29	0.56	1.92	SOIL	dark brown soil, spruce, pine
LM98-1000N, 225E	1000	225	38	4294	518	58	29	1.85	1.18	2.45	0.48	0.64	1.33	SC	light brown sandy clay, rocky, spruce, alder
LM98-1000N, 300E	1000	300	39	3482	359	37	32	1.27	0.14	2.92	0.05	0.11	2.29	SL	light brown sandy loam, spruce
LM98-1000N, 375E	1000	375	40	1247	75	20	14	0.16	0.04	0.91	0.05	0.27	5.74	SOIL	dark brown soil
LM98-1000N, 450E	1000	450	41	5432	677	86	56	2.39	1.53	5.50	0.28	0.64	2.30	S	1m black soil over rusty sandy soil/rock mix, spruce
LM98-1000N, 525E	1000	525	42	3137	335	43	32	1.15	0.43	2.90	0.15	0.37	2.52	SOIL	dark brown soil, spruce
LM98-1000N, 900E	1000	900	43	3926	485	51	34	1.74	0.69	3.07	0.22	0.40	1.77	S	light rusty sandy soil, broken basalt frags, spruce
LM98-1000N, 975E	1000	975	44	4584	604	69	28	2.16	1.71	2.27	0.75	0.79	1.05	S	rusty sandy loam, pine, spruce

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LEAH MARIE
20992

4NX5E

204919

X = 1998
O = 1999

75 150 225 300 375 450 525 600 675 750 825 900 975 1050 1125 1200

9

Leah Marie CLAIM - EXPENDITURES

SALARIES

Dave Forshaw	- 3 mandays @ \$180/day	440
3 Workers	- 3 mandays @ \$140/day	740
Report preparation	- Valerie & David Forshaw	180

LOGISTICAL COSTS

Food and lodging	450
Vehicle fuel and maintenance	300

EQUIPMENT COSTS

256 Channel Gamma Ray Spectrometer	300
Chain Saw	150

FILING FEES	200
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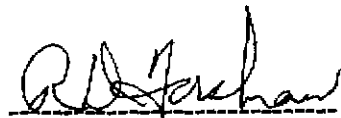
SUBTOTAL	2760
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Administration Fee (15%)	414
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TOTAL	\$ 3174
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STATEMENT OF QUALIFICATIONS

1. Twenty years active prospecting experience.
2. I have completed courses in the following: Basic Prospecting, Advanced Prospecting, Drift Prospecting, Radiometrics, Geochemical, Placer, and Industrial Minerals. I have attended the Cordilleran Roundup mining convention in Vancouver and the Minerals North Conference each year. I have also attended a great number of talks given by specialists in the mining field.
3. I have assisted with eight Basic Prospecting Courses, one Advanced Prospecting Course, and one Placer Course.
4. I am the mining consultant for the Mackenzie Economic Development Commission.
5. I represented the B. C. & Yukon Chamber of Mines in the Mackenzie L.R.M.P. process.
6. I assist teachers in Mackenzie and Prince George Elementary and High Schools with their Geology related subjects, in the classroom and on field trips. I now do this through the CAST program.
7. I am a member of the Omineca Exploration Group and actively work to bring the prospectors in our area educational courses, field trips, and interesting speakers from all aspects of the mining field.
8. I have also taken courses in Holistic Forestry and other forest related courses to further my understanding of our environment and for reclamation purposes, if ever needed.
9. The work on these claims has been monitored and done in close conjunction with Rob Shives of the Geological Survey of Canada, and his work in our area. He keeps records of our findings for his information.



Dave Forshaw