GEOCHEMICAL REPORT

on the

W. BOYD - 1 CLAIM

OMINECA M.D.

N.T.S. 93-K-11W

Lat.: 54° 38' N Long.: 125° 22'W

by

U. Mowat, B.Sc.

for

Lacana Mining Corporation
#312 - 409 Granville Street
Vancouver, B.C.
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December 1988

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FIGURES

1.0 INTRODUCTION

The W. Boyd-1 Claim was staked in November, 1987 to cover an altered syenitic intrusive in an highly altered ultramafic body and a strong, linear aeromagnetic anomaly.

Prospecting indicated that the claim is underlain by intensely serpentinized, green harzburgites, brecciated monzonitic intrusives with minor pyrite and minor quartz veining, black argillite and either a fine-grained contact rock of the monzonite or possibly a volcanic of dacitic nature.

Fifteen silt, 35 soils and 20 rock samples were collected from the property.

Although no values of interest were obtained from samples collected during the reconnaissance work, the general lithologic similarity to the Mount Sidney Williams area and the presence of intense, rusty, crackled volcanics(?) require additional evaluation.

At present, the W. Boyd-1 Claim is held by Lacana Mining Corporation under option agreement from U. Mowat.

2.0 LOCATION AND ACCESS

The W. Boyd-1 Claim is located 75km west northwest of Fort St. James on map sheet 93-K-11W at co-ordinates 54°38N and 125°22W.

Access to the property is at present by helicopter.

W. BOYD - 1 CLAIM

LOCATION MAP

DATE:	SCALE:	DRAWING No. 1

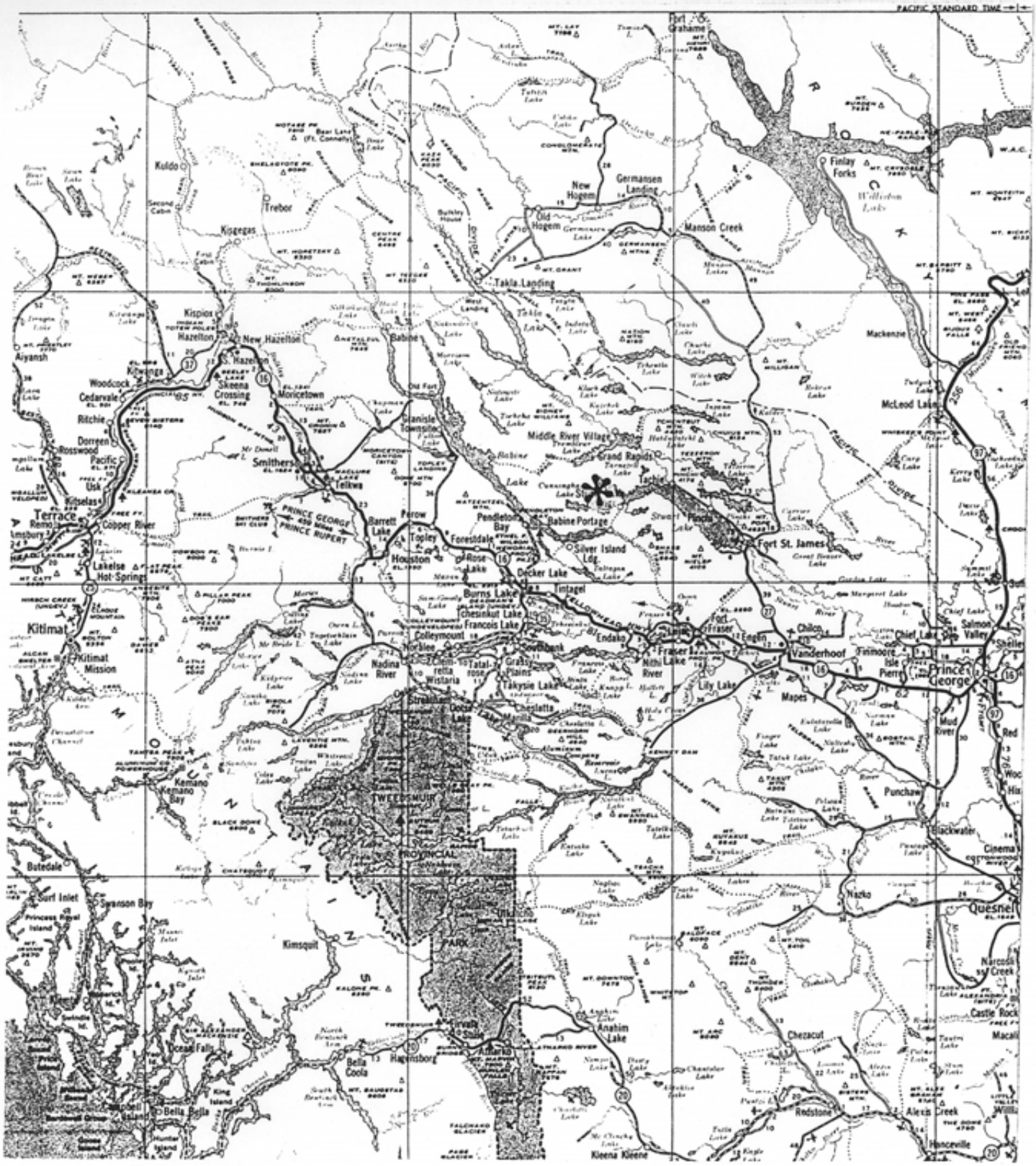


figure 2 ACCESS MAP

3.0 CLAIM DATA

Claim Name	Record No.	No. of Units	Record Date	Owner
W. Boyd-1	9192	16	Nov 09/87	U. Mowat

4.0 HISTORY

There is no documented exploration activity recorded in the vicinity of the W. Boyd-1 Claim. The only mention of the area appears in memoir 252, and G.S.C. Paper 38-10.

5.0 REGIONAL GEOLOGY

The Rubyrock Lake area which lies between Cunningham and Stuart Lakes is underlain predominantly by an ultramafic batholith some 100 sq. km in area. The batholith appears to have a central core of peridotite, dunite and harzburgite. The core is bordered on the east and west by pyroxenite and then by gabbroic rocks. The dunite forms irregular bodies within the peridotite. All phases of the ultramafic batholith are intensely serpentinized. A stock of saussuritized, chloritized hornblende diorite/syenite 1.5km in diameter outcrops south of Rubyrock Lake. The intrusive is located well within the mapped outlines of the ultramafic batholith.

Eocene (?) volcanics consisting of basaltic flows, andesitic and basaltic dykes, vesicular and amygdaloidal, andesitic, and dacitic lava flows, flow breccia and feldspar porphyry outcrop to the northwest of Rubyrock Lake.

The ultramafic batholith intrudes Cache Creek andesites, limestones and argillites.

6.0 PROPERTY GEOLOGY

The following rock types were noted during reconnaissance work:

1. Light grey, medium-coarse grained kaolinized syenite (?), monzonite (?) with chloritized hornblende. In several areas the granitic was noted to be sheared, brecciated into granitic clasts and had numerous quartz veinlets.

2. A light grey, intensely sericitized unit of aphanitic material occurs in close proximity to the medium-coarse grained intrusive. It could not be ascertained whether this lithology was a volcanic or a very fine grained sheared contact zone of the intrusive. Rusty crackle zones and silicified areas were seen in this lithology.

3. Ultramafics on the property consist of intensely serpentinized, pale green olivine harzburgite cut by asbestiform veinlets, nodular olivine harzburgite with peridotite nodules reaching up to 10cm and a gabbroic phase with 5-10% disseminated pyrrhotite.

4. A small outcrop of black argillite was also noted on the property.

7.0 MINERALIZATION

The only mineralization noted to date is a minor amount of pyrite within the altered granitic and in areas of crackling. Pyrrhotite was seen in only one outcrop.

8.0 ALTERATION

The most noteable form of alteration occurs within the olivine harzburgite which is intensely serpentinized and cut by asbestiform veining.

Alteration within the intrusive consists of moderate to intense sericitization and chloritization of the mafics which composes only 5% of the total rock. In areas of the light grey, aphanitic material, zones of intense silicification have been noted. Although abundant, the largest zone only reaches .3m in width.

The only other alteration of note is the rust on the crackle zones and the quartz veinlets in the brecciated, sheared intrusive.

9.0 STRUCTURE

No structures were noted in any of the limited outcrops examined during reconnaissance traverses. Areas of crackling are apparently randomly oriented but are concentrated on the eastern side of a knoll of aphanitic light grey volcanic (?). Toe Jam Lake appears to lie along a fault created valley marking the separation of the "granitic" material on the west from ultramafic on the east.

10.0 WORK PERFORMED

Two men collected 15 silts, 20 rock and 35 soils during reconnaissance traverses. Silts were analysed for 30 element by ICP and Au by atomic absorption. Twenty-four soils were analysed for 30 elements by ICP and Au by atomic absorption. Eleven soils collected from areas underlain by ultramafic were analysed for Au, Pt, Pd, Rh by fire assay and atomic absorption. Five rocks were analysed for Pt/Pd only while 15 rocks were analysed for 30 elements by ICP and Au by atomic absorption.

Soils were collected from the A horizon at a depth of 20-30cm as no B horizon could be found. Random soils are of a residual nature.

Sample Descriptions

Sample No.	Sample Description	Au (ppb)	Pt (ppb)	Pd (ppb)
11291	Silt.	15	2	2
11292	Silt.	2	2	2
11293	Silt.	2	2	1
11294	Silt.	2	2	1
11295	Light grey, medium-coarse grained, kaolinized syenite(?) monzonite(?) with 5% chloritized hornblende; very rusty fractures; pinkish (feldspar?) tinge to weathered surface.	4		
11296	Dark green serpentinized peridotite.		2	5
11297	Sheared serpentinized peridotite.		1	12
11298	Dark greenish grey kaolinized monzonite(?) with 5% chloritized pyroxene(?); minor disseminated pyrite; feldspar occasionally has pinkish tinge.	1		
11299	Brecciated, very rusty, koalinized intrusive.	1		
11300	Sheared, brecciated light grey volcanic(?) or aphanitic intrusive(?); very rusty.	1		
11301	Light greenish grey aphanitic volcanic with quartz veinlets.	2		
11302	Silicified zone trending North-South; width variable from 4-30cm; chip over 1.5 metres.	1		
11303	Serpentinized olivine harzburgite.		3	10
11304	Soil above 11303.	2	1	2

Sample No.	Sample Description	Au (ppb)	Pt (ppb)	Pd (ppb)
11305	Soil above 11303.	2	2	2
11306	Soil above 11303.	1	1	2
11307	Nodular olivine harzburgite with some nodules reaching up to 10cm across.		8	9
11308	Soil.	1	2	3
11309	Soil.	1	1	3
11310	Soil.	2	2	2
11311	Reddish soil.	1	2	4
11312	Silt.	3	3	2
11313	Silt.	1	3	2
11314	Silt.	1	5	5
11315	Silt.	1	1	2
11316	Silt (swampy).	1	2	2
11317	Silt.	1	2	4
11318	Silt (swampy).	1	1	4
11319	Soil at outcrop of sheared harzburgite with minor asbestiform veining.	1	3	2
11320	Soil at outcrop of sheared harzburgite with minor asbestiform veining.	1	3	2
11321	Soil taken at outcrop of olivine harzburgite.	1	1	2
11322	Soil taken at outcrop of olivine harzburgite.	1	2	2
11323	Soil taken at outcrop of olivine harzburgite.	2	1	3

Sample No.	Sample Description	Au (ppb)	Pt (ppb)	Pd (ppb)
11324	Olivine harzburgite, magnetic, asbestiform veining.		7	5
11325	Very organic silt.	2	1	2
11326	Silt.	1	2	4
11327	Silt.	1	1	2
11328	Silt.	1	2	6
R-1	Soil, light grey powdery.	1	3	2
R-2	Soil, light grey powdery.	1	2	2
R-3	Soil, light grey powdery.	1	2	2
R-4	Soil, black organic.	1	4	2
R-5	Soil, black organic.	1	2	3
R-6	Soil, black organic.	3	4	4
R-7	Soil, black organic.	2	3	2
R-8	Soil, light brown.	1	5	2
R-9	Soil, light grey.	2	2	2
R-10	Soil, brownish grey.	1	2	2
R-11	Soil, tan.	1	2	2
R-12	Soil, black organic.	1	2	2
R-13	Soil, brown.	1	2	2
R-14	Soil, very organic brown.	1	2	7
R-15	Soil, black organic.	1	2	4
R-16	Soil, black organic.	1	1	2
R-17	Soil, black organic.	2	4	3
R-18	Soil, light grey clay.	1	2	2
R-19	Soil, light grey clay.	1	2	2

Sample No.	Sample Description	Au (ppb)	Pt (ppb)	Pd (ppb)
R-20	Soil, light grey sandy.	1	2	2
R-21	Soil, reddish brown.	1	2	2
R-22	Soil, dark brown.	1	3	2
R-23	Soil, reddish brown.	1	2	2
R-24	Soil, light grey.	1	1	2

Samples collected during 1987 while staking include:

RR-1 A soil with rusty fragments.

RR-2 A sample of gabbro with 5-10% disseminated pyrrhotite.

RR-3 A sample of breccia with granitic clasts and quartz veinlets.

RR-4 A silt.

The 1987 samples are not included in the Statement of Costs for 1988.

11.0 RESULTS

No values of great interest were obtained from reconnaissance sampling. The maximum Au value (28 ppb) to date was from a silt sample collected in 1987 during staking. A duplicate sample 11312 only returned a value of 3 ppb.

There is some elevation of copper values in the soils collected around Toe Jam Lake (maximum value 383 ppm). The highest value in rocks was 536 ppm.

No platinum values were obtained from either soil or rock samples.

Arsenic values although not very anomalous maximum value (26 ppm) are elevated in silt samples.

12.0 CONCLUSIONS

Exploration of the W. Boyd-1 Claim is hampered by large areas of swamp in which creeks with very limited waterflow disappear under the organic soil (swamp material).

Because of the geologic similarity to the Mount Sidney Williams property and the presence of brecciated granitics with quartz veining within the ultramafic further rock sampling and prospecting is required.

References

Paper 38-10, Northwest quarter of the Fort Fraser Map-Area, B.C., by J.E. Armstrong, 1938.

Memoir 252, Fort St. James Map-Area, Cassiar and Coast Districts, B.C., by J.E. Armstrong, 1949.

Statement of Costs

1. Helicopter

4.7 hrs. at $515/hr.	$ 2,420.50
77.5 gal. at $2.10/gal.	162.75
20 gal. at $3.00/gal.	60.00
oil: 4.7 hrs. at $2.00/hr.	9.40
	$ 2,652.65

2. Wages

1 man for 10 days at $195/day	$ 1,950.00
1 man for 6 days at $117/day	702.00
	$ 2,652.00

3. Samples

15 silts - 30 element ICP at $6.25/sample	$ 93.75
15 silts - Au, Pt, Pd, Rh by fire assay and atomic absorption at $10.00/sample	150.00
15 silt prep at $0.85/sample	12.75
24 soils - 30 element ICP at $6.25/sample	$ 150.00
24 soils - Au by atomic absorption at $4.50/sample	108.00
24 soils - prep at $0.85/sample	20.40
11 soils - Au, Pt, Pd, Rh by fire assay and atomic absorption at $10.00/sample	$ 110.00
11 soils - prep $0.85/sample	9.35
5 rock - Pt, Pd by fire assay and atomic absorption at $8.50/sample	42.50
5 rock - prep at $3.00/sample	15.00
15 rock - 30 element ICP at $6.25/sample	93.75
15 rock - Au by atomic absorption at $4.50/sample	67.50
15 rock - prep at $3.00/sample	45.00
	$ 918.00

4.	Vehicle 8 days at $35/day		$ 280.00
5.	Gas		$ 124.80
6.	Accommodation 2 rooms for 2 days at $38.88/day		$ 155.52
7.	Meals		$ 36.25
8.	Groceries		$ 146.98
9.	Equipment		$ 234.75
10.	Radio		$ 65.85
11.	Travel (air)		$ 140.53
12.	Typing 3 hrs. at $20.00/hour		$ 60.00
13.	Drafting 5 hrs. at $20.00/hour		$ 100.00
14.	Expediting		$ 72.50
15.	Freight		$ 138.54
16.	Phone		$ 36.63
17.	Reproduction		$ 15.49
			$ 1,607.84
		TOTAL	$ 7,830.49

Appendix

1. SAMPLE PREPARATION

a) Rocks of 250-1000 grams are crushed and pulverized.

b) Soils and silts are sieved to -80 mesh. If sample does not have enough -80 mesh fraction, the -20 mesh portion is used.

c) The heavy minereal sample is sieved to -20 mesh and then wet panned to 500 g using heavy mineral preparation by a liquid with a specific gravity of 2.96. The residual is dried and the magnetic fraction removed and pulverized. The pulverized portion is then analyzed.

2. DIGESTION

a) A .50 gram prepared sample is digested with 3 mls of 3 parts HC1, 1 part HNO_3 and 2 parts H_2O at 95°C for one hour and then diluted to 10 ml with water. This digestion method is used for the 30 element ICP analysis and also atomic absorption analysis.

b) For gold analysis a 10 gram sample is ignited at 600°C, digested with hot aqua regia, extracted by MIBK and then analyzed by graphite furnace atomic absorption.

c) For Au, Pd, Pt, Rh, a 10.0 gram sample is fused with an Ag inquart with fire assay fluxes. After cupulation the dore head is dissolved and analyzed by atomic absorption.

'E ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST 'ANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6' '253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P2 ROCK P3-P4 SOIL P5 SILT AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 26 1988 DATE REPORT MAILED: Oct 7/88 ASSAYER. C. Leong .D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LACANA MINING CORP. PROJECT 1011 File # 88-4858 Page 1

W. BOYD-1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 11295	2	22	2	38	.4	15	8	320	1.61	4	5	ND	2	41	1	2	2	38	.69	.042	2	33	1.01	48	.13	5	1.36	.04	.05	2	4
C 11298	1	57	6	48	.4	30	10	490	3.16	5	5	ND	2	16	1	2	3	63	.58	.012	2	91	2.61	33	.14	2	2.32	.02	.02	1	1
C 11299	1	164	2	36	.3	24	9	421	2.76	4	5	ND	2	9	1	2	2	54	.35	.011	2	58	1.89	25	.14	4	1.91	.02	.07	1	1
C 11300	1	204	7	44	.3	12	5	511	3.50	4	5	ND	2	4	1	2	2	97	.27	.015	2	25	1.62	5	.23	2	1.90	.04	.02	1	1
C 11301	1	7	2	25	.3	66	10	395	1.42	2	5	ND	2	2	1	2	5	34	.39	.007	2	205	1.44	10	.07	4	1.15	.03	.02	1	2
C 11302	2	536	5	8	.4	7	7	191	1.61	4	5	ND	2	5	1	2	2	23	.32	.016	2	10	.78	5	.16	4	.86	.04	.01	2	1
C 11330	1	12	2	11	.1	584	42	311	3.40	8	5	ND	1	2	1	2	2	6	.09	.006	2	337	12.53	2	.01	2	.17	.01	.01	1	1
C 11331	2	11	7	15	.1	709	38	343	2.40	149	5	ND	1	8	1	2	2	5	.11	.005	2	248	11.51	6	.01	4	.09	.01	.01	1	2
C 11332	1	8	12	14	.2	613	39	516	3.42	84	5	ND	1	351	1	2	2	6	2.12	.005	2	216	15.07	18	.01	5	.15	.01	.03	1	1
C 11333	1	12	7	16	.1	1016	54	522	3.15	17	5	ND	1	4	1	2	2	2	.10	.003	2	146	17.44	3	.01	2	.01	.01	.01	1	2
C 11334	1	6	4	13	.1	785	46	369	3.06	111	5	ND	2	36	1	2	2	4	.49	.003	2	140	17.36	11	.01	4	.02	.01	.02	1	2
C 11335	1	9	15	22	.1	697	45	465	3.80	47	5	ND	2	79	1	3	4	10	1.30	.005	2	329	13.87	5	.01	5	.26	.01	.02	1	2
C 11336	1	7	27	16	.3	1318	63	563	4.40	92	5	ND	2	22	1	3	2	4	.95	.003	2	211	17.57	6	.01	3	.04	.01	.02	1	1
C 11337	1	7	9	9	.3	504	34	672	2.81	23	5	ND	2	42	1	3	2	3	3.39	.003	2	164	12.61	4	.01	5	.05	.01	.01	1	1
STD C/AU-R	19	61	39	133	7.1	72	30	1036	3.96	41	22	8	40	50	18	18	18	61	.49	.096	42	56	.52	179	.07	33	1.97	.06	.15	11	470

SAMPLE#	Pt PPB	Pd PPB
C 11296	2	5
C 11297	1	12
C 11303	3	10
C 11307	8	9
C 11324	7	5

SAMPLE#	Au PPB	Pt PPB	Pd PPB	Rh PPB
11304	2	1	2	2
11305	2	2	2	2
11306	1	1	2	2
11308	1	2	3	2
11309	1	1	3	2
11310	2	2	2	2
11311	1	2	4	2
11319	1	3	2	2
11320	1	3	2	2
11321	1	1	2	2
11323	2	1	3	2

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Pd** PPB	Rh** PPB
11291	1	25	11	91	.1	385	27	855	4.57	20	5	ND	2	33	1	2	2	61	.38	.090	17	352	4.16	56	.05	6	1.53	.02	.06	1	15	2	2	2
11292	1	26	13	65	.1	346	25	796	3.95	18	5	ND	2	32	1	2	3	52	.35	.076	15	224	4.19	93	.03	7	1.33	.02	.06	1	2	2	2	2
11293	1	34	16	106	.1	372	24	1087	4.00	26	5	ND	1	46	1	7	4	58	.47	.068	15	169	2.45	169	.04	5	2.07	.02	.09	2	2	1	2	2
11294	1	25	15	98	.2	295	23	1125	3.97	21	5	ND	1	41	1	2	3	59	.42	.065	14	122	1.99	150	.04	7	1.83	.03	.08	1	2	1	2	2
11312	1	26	13	106	.2	996	50	4956	5.77	20	5	ND	1	36	2	2	2	50	.49	.050	11	615	7.21	274	.02	10	1.71	.02	.05	1	3	3	2	2
11313	1	26	11	112	.2	667	40	3529	5.32	15	5	ND	1	41	1	2	2	47	.62	.059	11	504	6.05	237	.02	8	1.65	.01	.05	1	1	3	2	2
11314	1	16	10	86	.1	1156	63	3277	5.73	14	5	ND	1	14	1	2	2	39	.21	.019	5	918	11.21	151	.01	12	.99	.01	.02	1	1	5	5	2
11315	1	32	14	123	.2	938	43	3983	5.21	21	5	ND	1	63	1	2	3	46	.79	.073	14	447	5.68	279	.02	8	1.99	.01	.06	1	1	1	2	2
11316	1	23	13	99	.2	850	43	2711	5.24	20	5	ND	1	41	1	7	2	48	.46	.050	10	541	6.77	198	.02	10	1.75	.01	.05	2	1	2	2	2
11317	1	40	12	101	.1	825	43	3033	4.82	20	5	ND	1	62	1	2	2	48	.82	.065	13	450	4.96	241	.02	6	1.93	.01	.06	1	1	2	4	2
11318	1	42	5	112	.1	909	32	1740	4.04	15	5	ND	1	60	1	2	2	36	.67	.095	17	315	3.78	196	.01	8	1.90	.01	.06	1	1	1	4	2
11325	1	133	11	89	.1	421	12	271	2.16	2	5	ND	1	42	1	2	2	30	1.15	.089	14	218	2.00	144	.01	3	2.07	.01	.05	1	2	1	2	2
11326	1	32	11	91	.1	313	23	856	4.62	11	5	ND	1	24	1	2	3	54	.40	.069	10	280	3.86	87	.04	4	1.70	.02	.05	1	1	2	4	2
11327	1	34	11	93	.1	401	30	1319	4.99	15	5	ND	1	24	1	2	3	55	.39	.064	10	365	4.21	104	.04	5	1.65	.02	.05	1	1	1	2	2
11328	1	27	7	89	.1	601	38	1620	5.39	19	5	ND	1	18	1	2	2	50	.29	.049	8	532	7.29	112	.03	6	1.51	.02	.04	1	1	2	6	2
STD C/FA-5X	17	60	44	132	6.5	67	30	1038	4.17	38	19	8	38	47	17	18	23	58	.48	.089	39	53	.91	177	.06	33	2.04	.06	.14	12	97	102	99	23

Silts -20 MESH, PULVERIZED

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Pd** PPB	Rh** PPB
R-1	1	11	2	67	.1	136	13	247	2.70	2	5	ND	1	21	1	2	2	49	.19	.026	7	129	1.78	95	.06	2	1.55	.01	.03	1	1	3	2	2
R-2	1	8	9	62	.1	60	6	182	2.11	2	5	ND	1	24	1	2	2	42	.14	.015	7	46	.64	102	.06	2	1.27	.01	.03	1	1	2	2	2
R-3	1	23	11	86	.1	184	12	587	3.06	3	5	ND	1	32	1	2	2	50	.27	.039	11	116	1.67	157	.05	2	1.80	.01	.04	1	1	2	2	2
R-4	1	46	2	124	.1	629	19	268	4.72	9	5	ND	1	39	1	2	2	52	.33	.089	23	565	4.36	249	.01	3	3.32	.01	.07	1	1	4	2	2
R-5	1	44	8	102	.2	409	13	396	3.30	7	5	ND	1	51	1	2	2	50	.97	.113	18	276	2.12	248	.01	2	3.02	.01	.06	1	1	2	3	2
R-6	1	247	6	79	.1	461	12	323	3.55	10	5	ND	1	71	1	2	2	63	2.80	.193	30	298	1.65	164	.01	5	2.14	.01	.06	1	3	4	4	2
R-7	1	90	4	83	.4	611	16	288	3.69	11	5	ND	1	68	1	2	2	40	1.85	.106	18	306	2.22	204	.01	4	2.30	.01	.07	1	2	3	2	2
R-8	1	37	12	102	.3	328	32	900	4.79	8	5	ND	1	28	1	2	2	65	.45	.038	8	370	2.42	113	.04	2	1.82	.01	.05	1	1	5	2	2
R-9	1	34	10	82	.1	316	34	754	4.63	11	5	ND	1	23	1	2	2	64	.25	.032	7	355	3.58	78	.06	2	1.69	.01	.05	1	2	2	2	2
R-10	1	16	5	80	.1	200	23	314	4.90	6	5	ND	1	25	1	2	2	75	.26	.023	5	360	1.99	72	.06	2	1.73	.01	.04	1	1	2	2	2
R-11	1	15	7	39	.1	148	15	263	3.86	4	5	ND	1	20	1	2	2	64	.19	.032	7	206	1.38	148	.05	2	1.56	.01	.05	1	1	2	2	2
R-12	1	124	14	115	.2	741	38	984	5.01	17	5	ND	1	39	1	2	2	69	.90	.046	38	377	2.40	185	.03	2	2.47	.01	.05	1	1	2	2	2
R-13	1	13	4	70	.1	165	15	230	4.35	5	5	ND	1	17	1	2	2	70	.15	.025	6	321	1.19	71	.06	7	1.31	.01	.03	1	1	2	2	2
R-14	1	331	11	117	.1	545	21	606	3.93	8	5	ND	1	53	1	2	2	46	1.77	.085	26	337	2.18	160	.02	3	2.60	.01	.06	1	1	2	2	2
R-15	1	383	6	100	.1	562	17	247	3.32	10	5	ND	1	54	1	2	2	36	2.11	.043	29	283	1.77	127	.01	4	2.83	.01	.06	1	1	2	4	2
R-16	1	56	2	86	.2	681	15	523	2.59	5	5	ND	1	77	1	2	2	27	2.57	.105	24	267	2.31	153	.01	6	1.94	.01	.06	1	1	1	2	2
R-17	1	211	9	70	.1	669	14	147	2.55	14	5	ND	1	69	1	2	2	57	1.83	.042	33	346	2.06	301	.01	4	2.22	.01	.04	1	2	4	3	2
R-18	1	20	16	86	.1	176	11	234	2.81	2	5	ND	1	31	1	2	2	47	.27	.020	10	132	1.57	169	.04	2	2.07	.01	.04	1	1	2	2	2
R-19	1	12	2	61	.1	347	19	209	2.17	2	5	ND	1	21	1	2	2	30	.15	.015	7	420	4.34	96	.04	2	1.26	.01	.03	1	1	2	2	2
R-20	1	15	7	72	.1	295	23	292	3.04	2	5	ND	1	22	1	2	2	50	.18	.011	7	335	3.25	116	.06	3	1.83	.01	.03	1	1	2	2	2
R-21	1	182	5	168	.1	931	31	113	3.50	9	5	ND	1	25	1	2	2	58	.18	.028	19	622	3.07	265	.02	3	4.33	.01	.04	1	1	2	2	2
R-22	1	19	2	91	.1	1321	113	2616	5.49	3	5	ND	1	17	1	2	2	39	.33	.094	3	1443	11.98	134	.02	5	1.30	.01	.03	1	1	3	2	2
R-23	1	19	5	76	.1	552	53	1116	4.86	6	5	ND	1	18	1	2	2	59	.17	.038	6	602	4.82	102	.05	5	1.87	.01	.04	1	1	2	2	2
R-24	1	13	4	77	.1	157	14	290	2.90	4	5	ND	1	27	1	2	2	51	.19	.020	6	232	1.71	194	.05	2	1.26	.01	.03	1	1	1	2	2
11222	1	16	5	72	.1	396	31	722	4.36	6	5	ND	1	22	1	2	2	60	.14	.066	8	548	3.50	163	.03	2	2.17	.01	.05	1	1	2	2	2
STD C/PA-5X	18	60	36	132	5.7	67	29	1065	4.22	39	18	7	37	47	18	17	20	59	.49	.090	39	52	.93	175	.06	33	2.07	.06	.13	13	96	101	100	23

STATEMENT OF QUALIFICATIONS

1. I am a graduate of the University of British Columbia having graduated in 1969 with a Bachelor of Science in Geology.

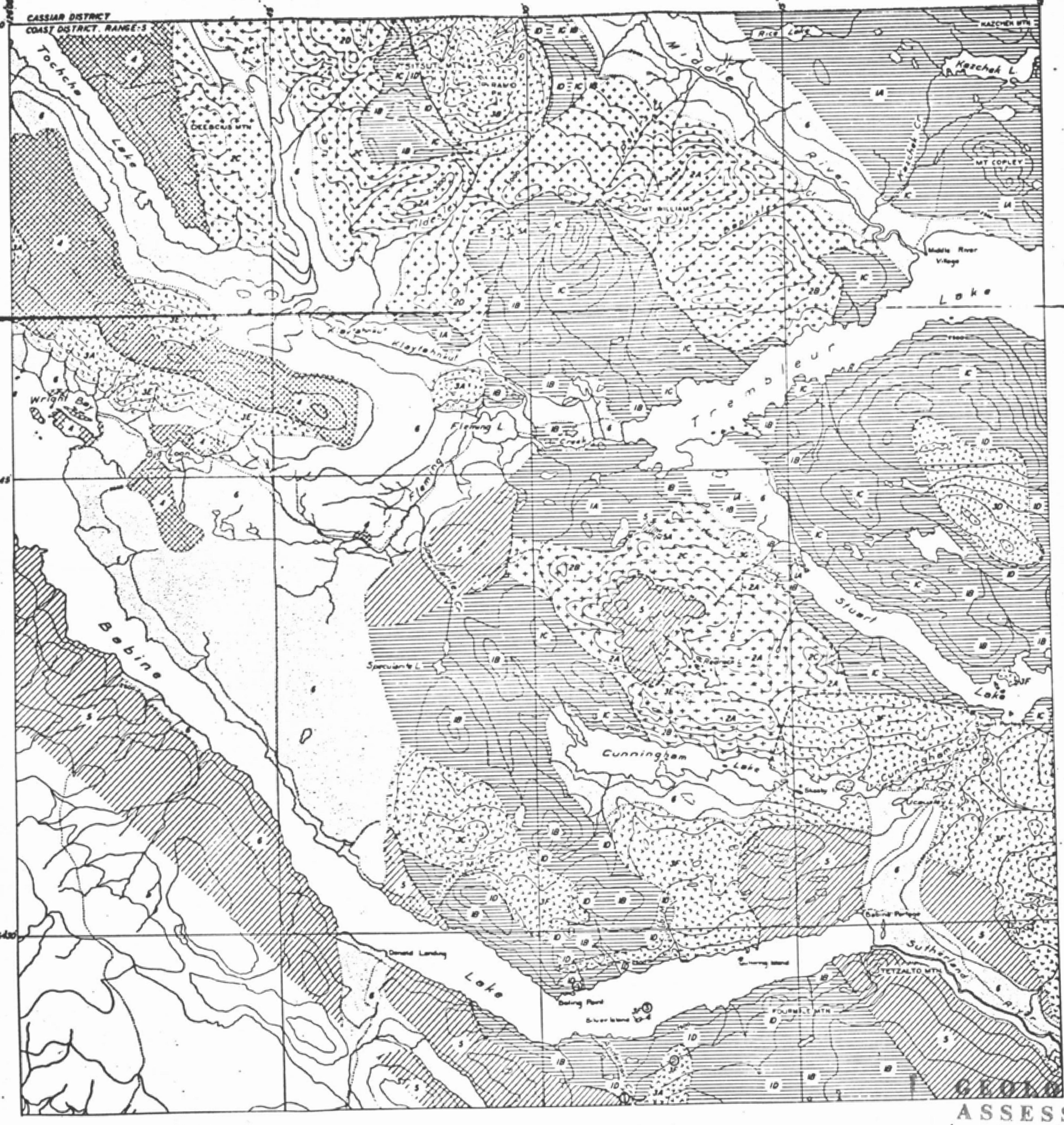
2. I have practiced my profession since 1969 in mineral exploration, oil and gas exploration and coal exploration.

3. I have a direct interest in the W. Boyd-1 Claim which is presently being held under option agreement by Lacana Mining Corporation.

Ursula G. Mowat

DATED THIS 7th DAY OF December, 1988 AT VANCOUVER, B.C.

FORT FRASER
NORTHWEST QUARTER
BRITISH COLUMBIA



RECENT and PLEISTOCENE

6 — Recent alluvium and glacial drift
Calcareous tufa

TERTIARY

5

5A - Conglomerate
5 - Andesitic and basaltic dykes, vesicular and amygdaloidal, andesitic, basaltic, and dacitic lava flows; flow breccia and feldspar porphyry

MESOZOIC (?)

4

Rhyolitic dykes and flows
Andesite breccia, andesites, basalts, and related porphyries

3

3A - Microcline granite,
3B - Albite granite,
3C - Muscovite granite,
3D - Granodiorite,
3E - Syenite,
3F - Hornblende diorite
3G - Augite diorite

2

2A - Peridotite, dunite, serpentine, carbonate-quartz-mariposite rock, carbonate-talc rock
2B - Pyroxenite and serpentine,
2C - Gabbro and diabase,
2D - Amphibolite, peridotite, serpentine, and greenstone

CARBONIFEROUS

1

Group 3:

1A - Massive limestone, and minor amounts of argillite, chert, and andesite greenstone

Group 2:

1B - Andesite greenstone, with minor amounts of argillite, chert, and limestone

Group 1:

1C - Chert, argillite, slate, with some andesite greenstone, and minor amounts of limestone
1D - Metamorphosed equivalent of groups 1 and 2, gneiss, schist, foliated greenstone, banded foliated sediments

④ Mining Properties

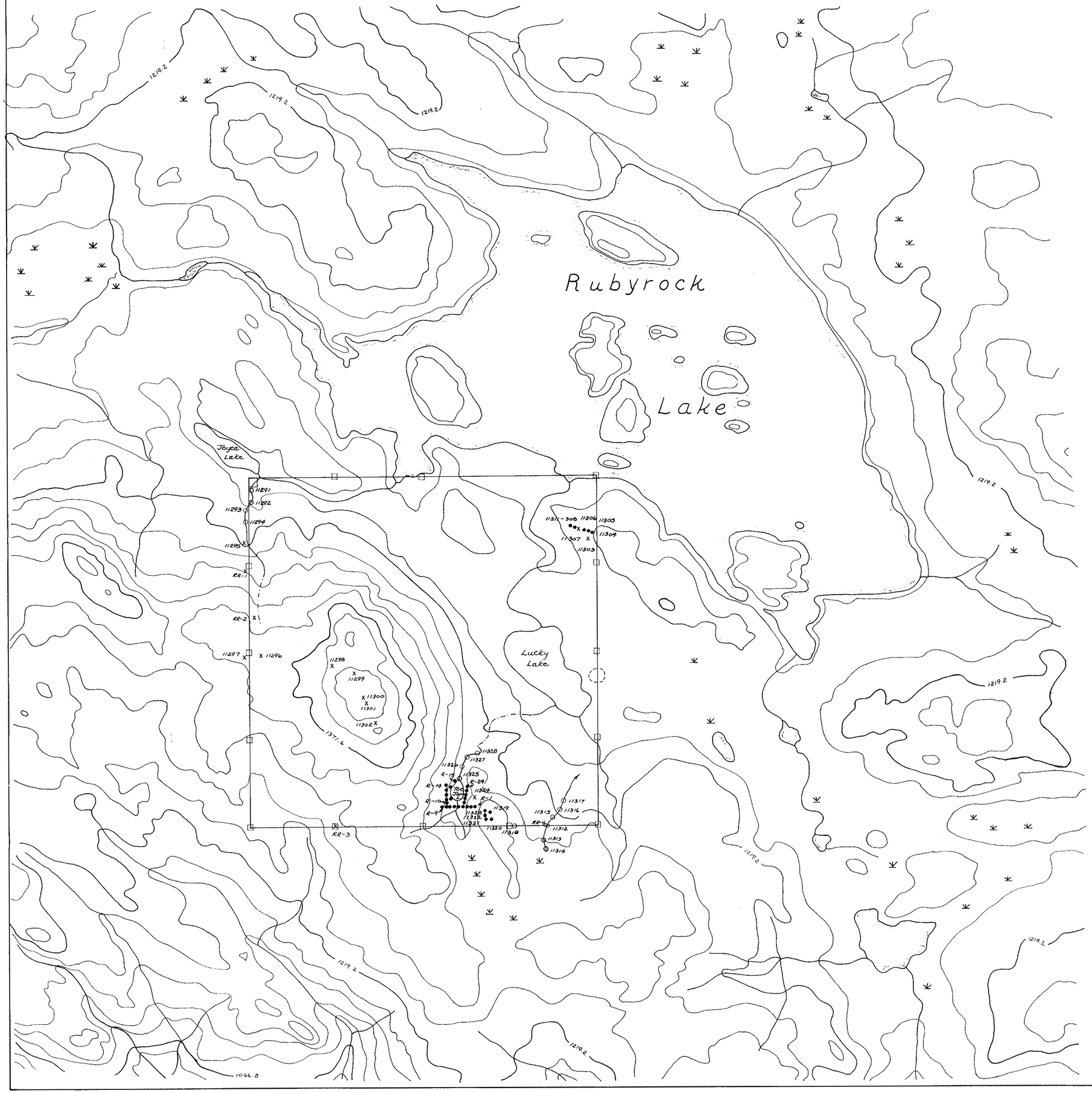
1 - Taltapin Group
2 - Radio Gold Mines Ltd.
3 - Silver Island Mining Co.
4 - Boling Property

Geological boundary, defined, approximate, assumed

Note:
Geographic names subject to approval of the Geographic Board of Canada

0 2 4 6 8 10
Scale of miles

TO ACCOMPANY GEOLOGICAL SURVEY PAPER 38-13



LEGEND

- x rock sample
- ○ silt sample
- ● soil sample

LCP

N

0 500
metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,120

LACANA MINING CORPORATION

W. BOYD 1 CLAIM

sample numbers

PREPARED	DATE	SCALE	PROJECT	MAP SHEET	FIGURE
	Dec. 88	CX 30-88-m 1:10,000	1011	93-K-11W	3

Rubyrock Lake

Lucky Lake

Joyce Lake

kaolinized monzonite

15 ppb Au

kaolinized monzonite cut by feldspar porphyry dyke at 280°

gabbro with 5-10% disseminated pyrrhotite

sheared peridotite

monzonite and fine-grained equivalent

black argillite

204 Cu

536 Cu

1371.6

385 Cu

331 Cu

124 Cu

21 Cu

183 Cu

182 Cu

247 Cu

20 ppb Au

brecciated, sheared granitic with granitic clasts and quartz veins up to 0.3 metres wide

sheared olivine harzburgite

serpentinized nodular olivine harzburgite

serpentinized peridotite

granitic

1219.2

1066.8

N

LEGEND

- x rock sample
- ○ silt sample
- • soil sample
- LCP
- contact (assumed)
- fault (assumed)
- x copper values in ppm

0 500 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,120

LACANA MINING CORPORATION

W. BOYD 1 CLAIM

geology & anomalous values

PREPARED	DATE	SCALE	PROJECT	MAP SHEET	FIGURE
	Dec. 88	cx 30.48m 1:10,000	1011	93-k-11W	4