

YUKON MINING INCENTIVE PROGRAM 94-093
SUMMARY REPORT - 15 DECEMBER 1994

LOCATION The Bennett Lake Caldera is located on NTS mapsheet 105D/3 on the west arm of Bennett Lake. It ranges in altitude from lake level 2,252 feet to over 7,000 feet. Five major rivers and/or streams were assessed along with three assessorly drainages. The Partridge River, MacAuley Creek, Lemieux Creek, Woo Creek and Crozier Creek were traversed (see enclosed map) and lithochemically sampled. In addition to the major feeder streams we also sampled BL creek, A1 creek and A2 creek.

ACCESS By boat from the Carcross Airport we traversed down the West Arm of Bennett Lake past Monroe Creek to the confluence of the Partridge River and West Arm of Bennett Lake. We found an excellent campsite at MacAuley Creek and worked all of our exploration traverses from this campsite. Access was very difficult around the Partridge River delta and the upper MacAuley Creek.

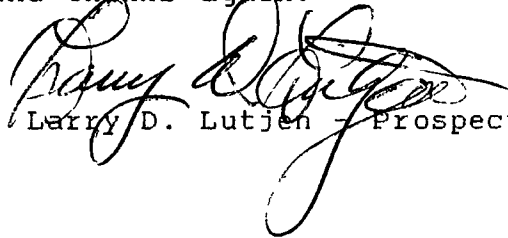
GEOLOGY The Bennett Lake complex lies within the eastern margin of the Coast Plutonic Complex. The Coast Plutonic Complex consists of Cretaceous granites which intrude and lie under low grade metamorphic sediments and volcanics of the Mesozoic Whitehorse-Nechako Trough and quartzites, schists and gneisses of the late Precambrian/early Paleozoic Yukon Group. The Bennett Lake complex, of Eocene age, is the most southerly of the two outcrop areas of the Skukum Group. It lies proportionately on either side of the Yukon/British Columbia border. In the Bennett Lake area, the Skukum Group consists mainly of rhyolite to dacite ash-flow tuffs and breccias with dacite and andesite lavas. The volcanic rocks are partly arced by a large rhyolite ring dyke. Present study supports Wheeler's conclusion that the complex consists of two nested calderas. The complex is completely surrounded by granitic rocks containing isolated pendants or large xenoliths of the Yukon Group.

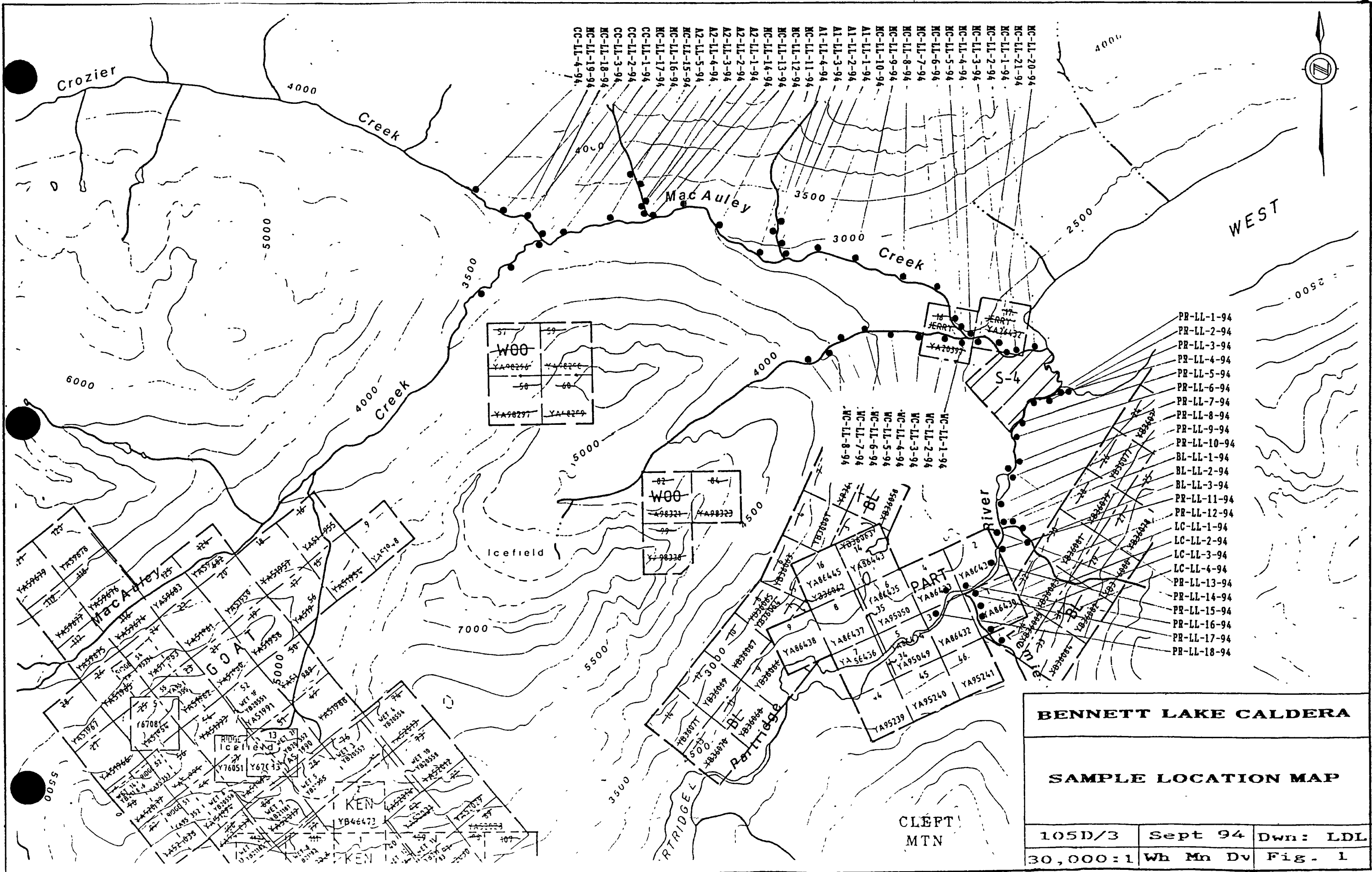
PROGRAM A detailed series of traverses (see enclosed map) were done to determine the viability of gold bearing epithermal deposits within the Bennett Lake Caldera Complex. 67 samples were taken on the traverses and their locations flagged and mapped. 16 samples were taken on the Partridge River, 21 samples on MacAuley Creek, 8 on Woo Creek, 4 on Crozier Creek, 5 on Lemieux Creek, 4 on BL Creek, 4 on A1 Creek and 5 on A2 Creek. The project ran from the 26th of June 1994 until the 27th of July 1994 and encompassed most of the major drainages of the Bennett Lake Caldera.

RESULTS Over-all results of the survey were not very favourable considering the geological environment. We were expecting better numbers, but you can't always get what you want. The structure, geology and formations were awesome, but the values, especially for gold was lacking. I still have a good feeling for the area but not at the core, it is too massive without sufficient structural controls for high-grade mineralization.

RECOMMENDATIONS It appears from the literature that the high-grade gold values are occurring in the andesite/dacite flows as outlined in the Part Claims. It appears that magnetic anomalies can be a useful tool in determining the mineralization. Further exploration would have to be done by helicopter, in that access to the Goat and other western areas are virtually inaccessible from ground traverses. A detailed assessment of Skukum Mountain epithermal deposits might prove valuable in determining the potential ore zones of the sister caldera.

CONCLUSIONS I would like to thank all of the people at YMIP for the support that you have given to myself and the mining industry. In these troubled environmental times it seems that miners are the bad guys, recklessly destroying the environment in a relentless pursuit of fortunes. This has been the attitude in British Columbia that has driven the miners and the major corporations out of B.C.. Keep up the good work and thanks again.


Larry D. Lutjen - Prospector



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 PR-LL-16-94
 PR-LL-17-94
 PR-LL-18-94

BENNETT LAKE CALDERA

SAMPLE LOCATION MAP

105D/3	Sept 94	Dwn: LDL
30,000:1	Wh Mn Dv	Fig. 1

1-Dec-94

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LARRY D. LUTJEN ETK 94-983
RR#1, B12, SITE 11
CHASE, B.C.
VOE IMO

60 ROCK samples received November 25, 1994

Values reported in ppm unless otherwise indicated

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	BL-LL-1-94	0.6	0.26	<5	35	<5	1.83	<1	8	24	36	3.01	40	0.57	494	4	0.07	7	920	12	<5	<20	83	<0.1	<10	9	<10	8	30
2	BL-LL-2-94	0.2	0.30	<5	30	<5	2.00	<1	3	34	41	0.52	<10	0.03	146	7	<0.1	4	470	14	<5	<20	56	<0.1	<10	14	<10	<1	6
3	BL-LL-3-94	0.4	1.00	<5	65	10	0.63	<1	8	94	30	2.46	<10	0.26	336	<1	0.05	4	1320	8	<5	<20	25	0.16	<10	17	<10	15	54
4	MC-LL-1-94	0.4	0.03	70	20	<5	0.40	12	4	11	26	0.50	<10	0.11	47	17	<0.1	12	610	12	27	<20	11	<0.1	<10	2	<10	<1	92
5	MC-LL-2-94	0.2	0.02	40	<5	<5	0.47	19	1	29	64	0.43	<10	0.22	62	6	<0.1	8	260	2	5	<20	8	<0.1	<10	2	<10	<1	46
6	MC-LL-3-94	0.3	3.48	<5	70	<5	1.95	9	52	75	43	9.78	<10	3.07	1058	<1	0.02	29	1900	10	80	<20	81	0.31	<10	8	<10	2	141
7	MC-LL-4-94	0.2	2.93	<5	50	10	2.41	2	42	91	33	8.55	<10	2.71	905	<1	0.05	24	1860	18	25	<20	90	0.41	<10	7	<10	6	109
8	MC-LL-5-94	0.2	0.09	5	20	<5	>15	2	1	31	43	0.39	<10	1.10	810	<1	<0.1	<1	260	<2	40	<20	64	0.02	<10	10	<10	<1	14
9	MC-LL-6-94	0.1	0.02	5	30	<5	>15	<1	<1	23	50	0.18	<10	2.90	233	<1	<0.1	<1	220	8	75	<20	31	<0.1	<10	5	<10	<1	12
10	MC-LL-7-94	0.3	0.02	<5	25	<5	>15	<1	<1	38	8	0.17	<10	0.30	164	<1	<0.1	<1	180	<2	65	<20	35	<0.1	<10	6	<10	<1	10
11	MC-LL-8-94	1.2	0.06	15	45	5	>15	<1	1	47	5	0.91	<10	9.09	573	<1	<0.1	3	3330	2	55	<20	7	<0.1	<10	24	<10	3	20
12	MC-LL-9-94	2.6	0.38	<5	35	<5	3.53	<1	8	100	12	3.47	80	1.13	513	7	0.13	7	1050	10	20	<20	6	<0.1	<10	9	<10	7	24
13	MC-LL-10-94	0.6	1.09	35	80	5	1.60	3	18	10	47	5.40	<10	6.00	484	3	<0.1	143	70	10	40	<20	3	<0.1	<10	5	<10	<1	173
14	MC-LL-11-94	<2	0.36	30	25	<5	9.31	2	10	25	14	3.55	<10	4.56	368	<1	<0.1	86	<10	<2	35	<20	9	<0.1	<10	44	<10	<1	187
15	MC-LL-12-94	1.4	0.49	<5	65	<5	1.06	<1	6	70	9	1.84	40	0.47	223	10	0.03	15	610	12	10	<20	69	<0.1	<10	24	<10	4	44
16	MC-LL-13-94	0.4	0.82	10	80	<5	1.17	<1	7	57	8	1.61	30	0.44	274	4	<0.1	11	530	14	<5	<20	5	<0.1	<10	17	<10	6	33
17	MC-LL-14-94	1.0	0.47	<5	35	<5	0.95	<1	5	12	7	1.71	30	0.33	239	15	0.04	10	650	14	10	<20	6	<0.1	<10	16	<10	4	43
18	MC-LL-15-94	0.4	0.44	30	25	<5	0.82	8	4	98	72	2.62	<10	<0.1	30	678	0.01	160	610	18	18	<20	44	<0.1	<10	82	<10	3	78
19	MC-LL-16-94	0.6	0.30	80	40	<5	4.10	10	5	14	88	4.28	<10	7.92	674	15	<0.1	18	690	24	35	<20	7	<0.1	<10	33	<10	3	60
20	MC-LL-17-94	0.7	0.16	45	95	<5	3.42	15	3	97	98	1.28	<10	1.48	895	63	0.02	52	1960	14	5	<20	4	<0.1	<10	11	<10	3	7
21	MC-LL-18-94	0.4	0.02	75	85	<5	0.14	8	<1	23	5	0.14	<10	0.07	27	33	<0.1	9	130	6	5	<20	2	<0.1	<10	3	<10	<1	99
22	MC-LL-19-94	0.6	2.57	5	5	<5	1.95	<1	39	96	19	5.89	<10	3.10	276	<1	0.08	125	1100	28	45	<20	43	0.35	<10	56	<10	<1	64
23	MC-LL-20-94	0.2	3.91	10	40	15	2.80	<1	24	36	83	4.76	<10	1.21	909	<1	0.02	14	1580	42	20	<20	11	0.48	<10	1	<10	7	92
24	MC-LL-21-94	0.2	3.18	<5	85	20	2.23	<1	22	53	54	4.59	<10	1.00	769	<1	0.03	14	1360	30	10	<20	80	0.48	<10	4	<10	7	81
25	A1-LL-1-94	0.4	1.96	<5	50	<5	2.34	<1	26	91	69	3.57	<10	0.85	178	<1	0.08	18	1240	12	5	<20	66	0.17	<10	10	<10	2	19

LARRY D. LUTJEN ETK 94-983

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	A1-LL-2-94	<.2	1.84	<5	90	<5	3.42	<1	25	87	56	3.69	<10	2.20	507	<1	0.03	36	1260	12	25	<20	84	0.13	<10	4	<10	2	37
27	A1-LL-3-94	0.4	2.96	10	90	<5	2.54	<1	13	46	34	3.00	10	0.72	362	9	0.28	19	930	36	<5	<20	90	0.08	<10	53	<10	6	68
28	A1-LL-4-94	1.0	0.42	<5	55	<5	1.01	<1	6	69	5	1.68	30	0.31	299	4	0.02	7	950	18	<5	<20	29	<.01	<10	11	<10	5	32
29	A2-LL-1-94	0.6	3.14	<5	40	<5	3.38	<1	43	76	11	6.96	<10	0.12	97	13	0.07	93	690	32	<5	<20	72	0.08	<10	20	<10	<1	22
30	A2-LL-2-94	0.4	0.64	<5	30	5	5.17	<1	32	13	10	5.49	<10	2.16	676	2	0.01	51	120	2	15	<20	69	<.01	<10	68	<10	<1	64
31	A2-LL-3-94	0.4	0.51	<5	15	10	3.97	<1	29	47	27	4.81	<10	1.67	567	9	0.03	57	110	<2	15	<20	79	<.01	<10	15	<10	<1	75
32	A2-LL-4-94	0.8	0.19	<5	65	<5	0.16	<1	7	5	5	1.62	20	0.02	206	3	0.04	8	280	14	<5	<20	12	<.01	<10	5	<10	3	18
33	A2-LL-5-94	0.8	0.69	<5	100	<5	0.59	3	9	52	18	2.39	10	0.64	361	3	0.03	19	920	10	<5	<20	30	0.03	<10	45	<10	6	69
34	CC-LL-1-94	<.2	0.04	35	25	10	0.02	1	21	57	78	0.60	<10	<.01	24	22	<.01	32	<10	5	<5	<20	49	<.01	<10	2	<10	<1	8
35	CC-LL-2-94	<.2	0.05	25	15	<5	0.26	2	5	32	72	3.62	<10	<.01	104	6	<.01	10	<10	8	<5	<20	8	<.01	<10	<1	<10	<1	43
36	CC-LL-3-94	<.2	0.25	30	40	<5	1.65	3	4	6	9	1.22	<10	0.01	493	13	<.01	5	470	8	<5	<20	91	<.01	<10	2	<10	2	104
37	CC-LL-4-94	0.8	0.45	<5	70	35	1.25	<1	47	70	27	8.59	<10	1.73	1040	<1	0.09	21	680	16	10	<20	72	0.76	<10	25	<10	4	136
38	WC-LL-1-94	0.8	0.53	30	85	<5	0.08	<1	6	55	18	2.08	<10	0.24	521	23	<.01	15	220	6	<5	<20	3	<.01	<10	7	<10	<1	180
39	WC-LL-2-94	1.2	0.41	<5	35	<5	0.08	1	10	3	79	2.75	<10	0.11	742	4	0.01	16	230	90	<5	<20	3	<.01	<10	23	<10	2	151
40	WC-LL-3-94	0.4	0.24	65	40	5	0.02	2	5	64	5	2.61	<10	<.01	29	26	<.01	10	190	44	<5	<20	3	<.01	<10	2	<10	<1	120
41	WC-LL-4-94	0.8	0.37	40	105	<5	0.04	<1	3	45	5	1.72	<10	<.01	43	6	<.01	8	190	2	<5	<20	8	<.01	<10	2	10	<1	20
42	WC-LL-5-94	0.6	0.23	45	40	<5	0.11	<1	4	3	4	1.62	<10	<.01	40	21	<.01	7	470	8	<5	<20	3	<.01	<10	2	<10	<1	13
43	WC-LL-6-94	0.6	0.24	75	30	<5	0.09	<1	5	54	4	2.34	<10	<.01	31	5	<.01	7	500	18	<5	<20	5	<.01	<10	2	<10	<1	22
44	WC-LL-7-94	0.4	0.15	10	25	<5	0.05	<1	14	65	59	4.60	<10	<.01	22	26	<.01	17	190	42	<5	<20	2	<.01	<10	4	<10	<1	11
45	LC-LL-1-94	0.8	0.39	85	85	<5	1.33	<1	3	4	26	1.05	<10	0.10	647	2	0.02	4	370	22	<5	<20	39	<.01	<10	4	<10	3	28
46	LC-LL-2-94	<.2	0.89	<5	90	5	> 15	<1	20	90	72	3.55	<10	0.82	1309	<1	0.01	10	1100	4	10	<20	12	0.16	<10	42	<10	2	30
47	LC-LL-3-94	<.2	0.82	<5	65	5	3.92	<1	35	63	33	5.79	<10	0.68	456	<1	0.02	16	1510	8	<5	<20	58	0.25	<10	57	<10	5	35
48	PR-LL-1-94	<.2	2.12	<5	15	5	2.78	<1	24	52	98	4.85	<10	1.16	1122	<1	0.03	7	1310	16	10	<20	31	0.22	<10	9	<10	9	77
49	PR-LL-2-94	<.2	1.67	<5	55	5	2.42	<1	27	42	25	6.95	<10	1.65	1026	<1	0.04	9	2000	12	5	<20	72	0.17	<10	9	<10	10	59
50	PR-LL-3-94	<.2	3.40	<5	10	<5	5.29	2	47	17	68	7.97	<10	4.00	1238	<1	0.05	26	1500	14	5	<20	99	0.14	<10	4	<10	<1	42
51	PR-LL-4-94	0.8	1.51	10	20	<5	1.45	<1	7	55	10	1.99	10	0.29	767	<1	0.06	6	280	16	<5	<20	44	0.13	<10	41	<10	8	58
52	PR-LL-5-94	<.2	3.34	<5	65	25	4.43	1	32	5	26	8.50	<10	2.13	1300	<1	0.06	27	1680	18	10	<20	56	0.30	<10	4	<10	7	103
53	PR-LL-6-94	<.2	1.63	<5	90	5	0.80	<1	15	11	52	3.61	<10	1.08	670	<1	0.05	24	1370	16	10	<20	41	0.16	<10	6	<10	8	67
54	PR-LL-7-94	0.4	0.65	<5	40	<5	0.64	<1	8	8	9	2.36	40	0.48	340	6	0.06	9	840	10	5	<20	48	0.11	<10	41	<10	9	45
55	PR-LL-8-94	0.8	0.24	<5	50	<5	1.86	<1	7	8	12	2.54	40	0.55	825	<1	0.08	6	810	18	<5	<20	84	<.01	<10	22	<10	6	56
56	PR-LL-9-94	0.8	0.48	<5	85	<5	0.59	<1	7	78	13	2.43	50	0.33	879	9	0.11	9	610	36	<5	<20	53	0.03	<10	16	<10	9	90
57	PR-LL-10-94	0.6	0.65	<5	45	<5	3.90	<1	9	1	9	3.36	<10	1.36	711	4	0.02	16	440	24	10	<20	40	<.01	<10	8	<10	9	74
58	PR-LL-11-94	0.6	0.73	25	15	<5	2.20	<1	5	56	9	1.20	<10	0.22	518	6	<.01	10	500	14	<5	<20	42	0.06	<10	9	<10	5	46
59	PR-LL-12-94	0.4	0.35	<5	10	<5	0.12	<1	2	31	4	0.33	<10	0.05	481	2	<.01	5	60	12	<5	<20	5	<.01	<10	5	<10	<1	6
60	NO - NAME	0.8	0.21	50	25	<5	0.11	<1	4	49	3	1.59	<10	<.01	94	14	<.01	9	260	8	<5	<20	<1	<.01	<10	2	<10	<1	43

2-Dec-94

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VOE IMO

7 SOIL samples received November 26, 1994

Values reported in ppm unless otherwise indicated

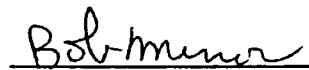
t #.	Tag #	Au(pbb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	LL-LL-4-94	<5	<2	1.23	<5	30	10	0.50	<1	15	46	24	3.45	<10	0.45	625	<1	0.03	20	630	12	<5	<20	86	0.16	<10	77	<10	7	69
2	PR-LL-13-94	<5	<2	1.33	<5	25	<5	0.96	<1	16	44	33	3.16	<10	0.37	713	<1	0.02	26	190	8	<5	<20	36	0.12	<10	63	<10	9	85
3	PR-LL-14-94	<5	<2	1.68	<5	55	10	0.59	<1	16	50	24	3.87	<10	0.52	483	<1	0.03	25	970	12	<5	<20	97	0.17	<10	83	<10	10	77
4	PR-LL-15-94	<5	<2	2.06	<5	70	10	0.75	<1	17	49	25	3.64	<10	0.62	583	<1	0.02	24	680	14	<5	<20	99	0.16	<10	65	<10	8	114
5	PR-LL-16-94	<5	<2	1.39	<5	10	10	0.41	<1	17	54	20	3.75	<10	0.48	464	<1	0.02	21	640	10	<5	<20	68	0.18	<10	87	<10	7	68
6	PR-LL-17-94	<5	<2	1.82	<5	5	10	0.64	<1	15	47	30	3.84	<10	0.96	384	<1	0.02	29	570	14	<5	<20	114	0.14	<10	60	<10	8	101
7	PR-LL-18-94	<5	<2	1.52	<5	5	<5	0.37	<1	12	33	18	2.78	<10	0.37	621	<1	0.02	18	590	12	<5	<20	62	0.12	<10	47	<10	4	86

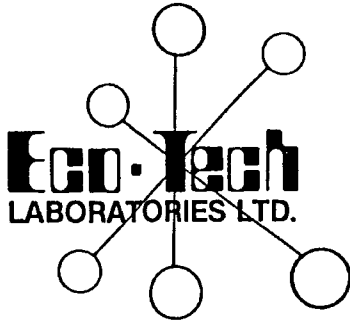
QC DATA:

Repeat:

1	LL-LL-4-94	<5	<2	1.26	<5	30	5	0.51	<1	16	48	22	3.54	<10	0.47	641	<1	0.03	21	630	10	<5	<20	93	0.17	<10	79	<10	6	70
<i>Standard 1991:</i>		150	1.4	1.80	75	165	<5	1.74	<1	20	66	85	4.08	<10	1.02	678	<1	0.01	23	670	20	10	<20	61	0.10	<10	73	<10	4	74

.../Kmisc#8
df/982

per 
ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc T.
B.C. Certified Assayer



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CERTIFICATE OF ASSAY ETK 94-983

LARRY D. LUTJEN
RR#1, B12, SITE 11
CHASE, B.C.
VOE IMO

2-Dec-94

60 ROCK samples received November 25, 1994

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	BL-LL-1-94	0.07	0.002
2	BL-LL-2-94	0.03	0.001
3	BL-LL-3-94	<.03	<.001
4	MC-LL-1-94	<.03	<.001
5	MC-LL-2-94	<.03	<.001
6	MC-LL-3-94	<.03	<.001
7	MC-LL-4-94	<.03	<.001
8	MC-LL-5-94	<.03	<.001
9	MC-LL-6-94	0.07	0.002
10	MC-LL-7-94	<.03	<.001
11	MC-LL-8-94	<.03	<.001
12	MC-LL-9-94	<.03	<.001
13	MC-LL-10-94	<.03	<.001
14	MC-LL-11-94	<.03	<.001
15	MC-LL-12-94	<.03	<.001
16	MC-LL-13-94	<.03	<.001
17	MC-LL-14-94	<.03	<.001
18	MC-LL-15-94	<.03	<.001
19	MC-LL-16-94	<.03	<.001
20	MC-LL-17-94	<.03	<.001
21	MC-LL-18-94	<.03	<.001
22	MC-LL-19-94	<.03	<.001
23	MC-LL-20-94	<.03	<.001
24	MC-LL-21-94	<.03	<.001
25	A1-LL-1-94	<.03	<.001
26	A1-LL-2-94	<.03	<.001
27	A1-LL-3-94	<.03	<.001
28	A1-LL-4-94	<.03	<.001

per Bob Munn
Frank J. Pezzotti, A.Sc.T.B.C. Certified Assayer

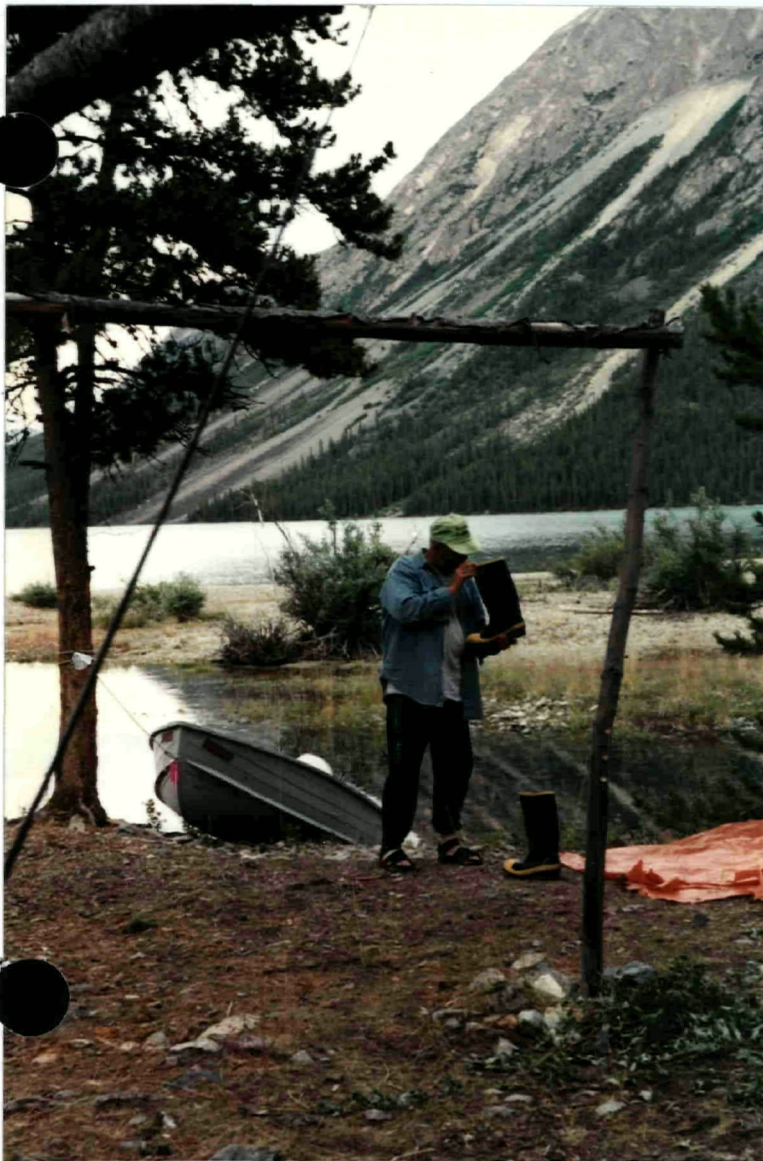
ET #.	Tag #	Au (g/t)	Au (oz/t)
29	A2-LL-1-94	<.03	<.001
30	A2-LL-2-94	<.03	<.001
31	A2-LL-3-94	<.03	<.001
32	A2-LL-4-94	<.03	<.001
33	A2-LL-5-94	<.03	<.001
34	CC-LL-1-94	<.03	<.001
35	CC-LL-2-94	<.03	<.001
36	CC-LL-3-94	<.03	<.001
37	CC-LL-4-94	<.03	<.001
38	WC-LL-1-94	<.03	<.001
39	WC-LL-2-94	<.03	<.001
40	WC-LL-3-94	<.03	<.001
41	WC-LL-4-94	<.03	<.001
42	WC-LL-5-94	<.03	<.001
43	WC-LL-6-94	<.03	<.001
44	WC-LL-7-94	<.03	<.001
45	LC-LL-1-94	0.07	0.002
46	LC-LL-2-94	0.06	0.002
47	LC-LL-3-94	0.08	0.002
48	PR-LL-1-94	0.05	0.001
49	PR-LL-2-94	<.03	<.001
50	PR-LL-3-94	0.03	0.001
51	PR-LL-4-94	0.05	0.001
52	PR-LL-5-94	<.03	<.001
53	PR-LL-6-94	<.03	<.001
54	PR-LL-7-94	0.05	0.001
55	PR-LL-8-94	<.03	<.001
56	PR-LL-9-94	<.03	<.001
57	PR-LL-10-94	<.03	<.001
58	PR-LL-11-94	0.06	0.002
59	PR-LL-12-94	0.07	0.002
60	NO - NAME	0.03	0.001

XLS/KMISC8

Bob Menner
ECO-TECH LABORATORIES LTD.
 per Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer



MACAULEY CREEK
CAMPSITE AND
YOURS TRUELY.

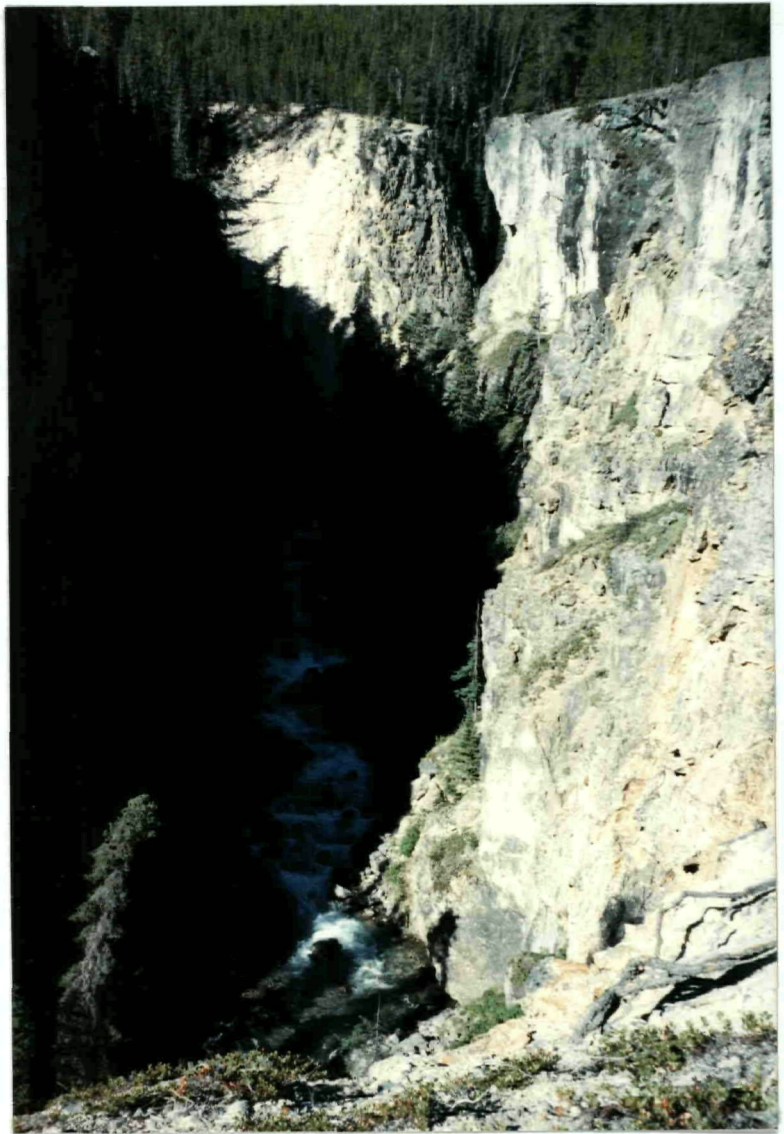


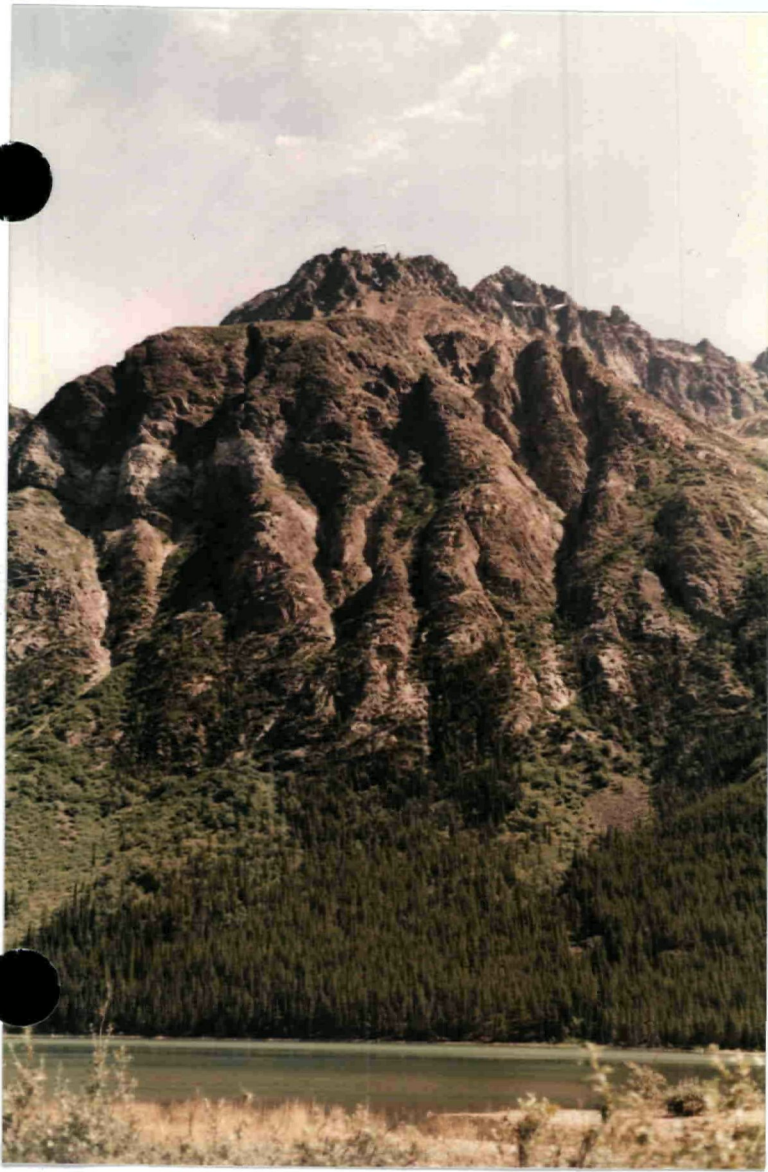
MACAULEY CREEK CAMPSITE
AND GEDOFFRY OGDEN, LOOKING
EAST AT THE WEST
ARM OF BENNETT LAKE.
YOU CAN NEVER BE
TOO SURE WHAT CAN
CRAWL INTO YOUR
BOOTS !!



MACAULEY CREEK AT
THE START OF THE
CANYON.

MACAULEY CREEK
CANYON, AN
AWESOME SITE,





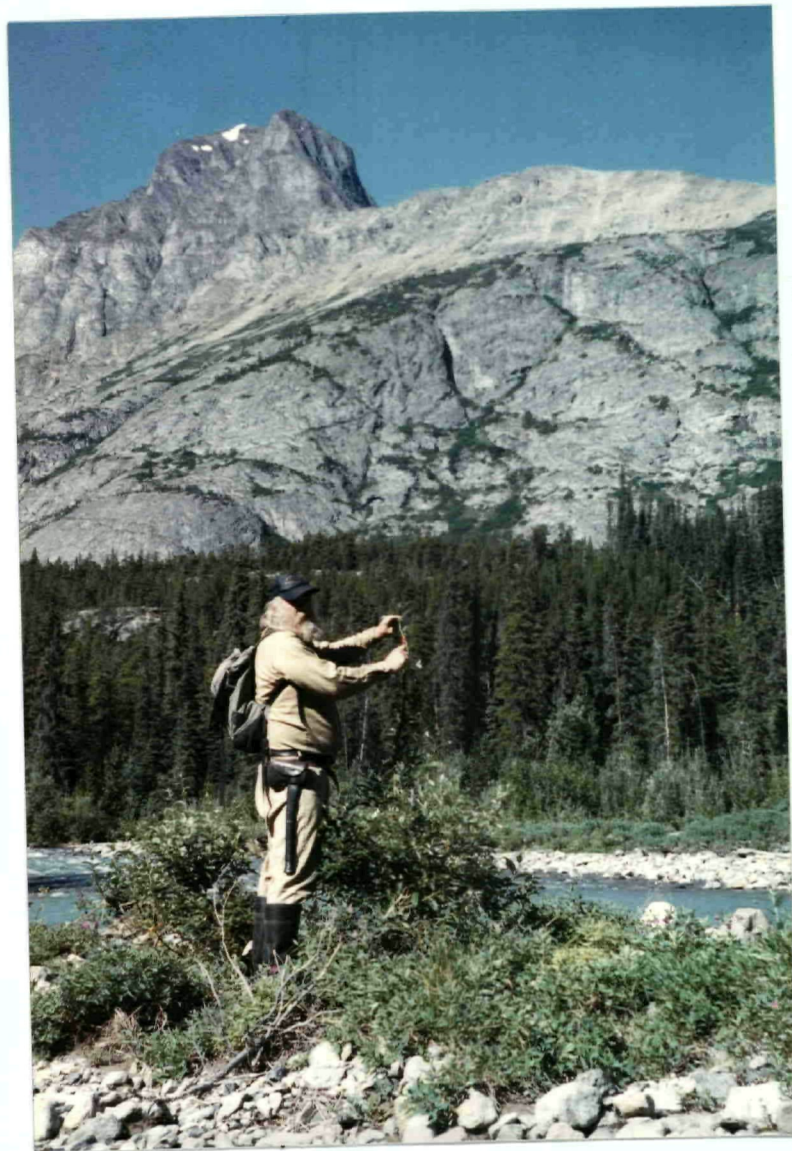
LOOKING EAST ACROSS
THE WEST ARM OF
BENNETT LAKE IN
THE HEART OF THE
CALDERA, WHAT A
VIEW.

CROZIER
CREEK,
WHAT A
HIKE!!!





OLD LOG CABIN AT THE MOUTH OF THE PARTRIDGE RIVER, NOTE PORCUPINE IN BACKGROUND.



PARTRIDGE RIVER TRAVERSE ABOVE THE DELTA, GOING IS MUCH BETTER.

YMHP "1994"

BENNETT LAKE CALDERA PROJECT

LARRY D. LUTTEN

RRI - BIZ - SII

CHASE, B.C.

(604) 679-8022

① YNIP DIARY "1994"

- 26 June 1994 -

The weather is cool and cloudy, with afternoon showers. Geoff Ogden and myself left camp YNIP on 007 creek, Bennett Range and boated up the West Arm of Bennett Lake to camp MacAuley. We have a beautiful campsite next to MacAuley creek and a panoramic view of Cleft Mountain et al. The Partridge river is running high and cloudy and MacAuley creek is running clear.

Worked the two main flows of the Partridge river, panning for gold and looking for mineralized float. Followed traverse and took 2 samples (PR-44-1-94 and PR-44-2-94, see map).

Returned to camp MacAuley.

(2)

- 27 June 1994 -

The weather is cool and cloudy, drizzled most of the day. We boated back to the Partridge river and landed the boat at the old log cabin. Worked the east side of the Partridge river delta, which is a series of beaver dams and outwashes. Flagged our traverse and took samples (PR-11-3-94 and PR-11-4-94, see map) and returned to camp.

(3)

- 28 June 94 -

The weather is cooler with scattered clouds. We boated back to the old log cabin with the caved in roof on the Partridge river. Worked the delta further south and found an access outwash that we flagged for access up the Partridge river in that the delta is very difficult to traverse. Flagged our traverse and took samples (PR-LL-5-94 and PR-LL-6-94). Returned to camp MacAuley.

(4)

- 29 June 1994 -

The weather is warmer and raining, looks like all day. Returned once again to The Partridge river delta and worked up the access outwash past yesterday's traverse.

Most of the terrane is densely covered with bush, but on several areas the flow of the river at high water has cut small channels that we have worked. Flayed our traverse and took 2 samples (PR-14-7-94 & PR-14-8-94, see map) and returned to campsite.

(5)

- 30 June 1994 -

The weather is warmer this morning but still raining. Boated to the old log colony and worked up the Partridge river through the delta on the east side of the river. Traversed to the confluence of the Partridge river and a no name creek that I called Bl. creek because it flowed through the Bl. claims (see map).

Flagged our traverse and took 2 samples (PR-LL-9-94 & PR-LL-10-94).
Returned to camp MacAuley.

(6)

1 July 1994-

The weather is still warm and sunny.

Boated back over to the Partridge river and traversed up the Partridge river on the east side to Bl. creek. Walked up Bl. creek through boulders of granite, siltstone and volcanic sediment. Lagged traverse and took 3 samples (Bl-LL-1-94, Bl-LL-2-94 & Bl-LL-3-94). Returned to camp.

(7)

- 7 July 1994 -

The weather is warm and raining once again. Boated back to the Patridge weir delta and traversed up the east side of the river past BD creek to the confluence of Lemieux creek. Lemieux creek has large boulders and boulders of andesite, dacite and rhyolite. Some cobble in Lemieux creek but only a couple of grains. Got 2 litho geochemical samples and flagged out traverse (PR-11-94 & PR-11-12-94). Returned to Camp MacAulay.

(8)

- 3 July 1994 -

The weather is warm and raining harder today. Returned to the old cabin on the Partridge river and worked up the east side of the river to Lemeny's creek. Still getting a few grains of gold in the pan, but not very encouraging. A spectacular gossan visible on Duff mountain, but not accessible. We will try one more time to go further up Lemeny's creek tomorrow, but the going is very difficult. I lagged out adverse and took 2 samples (CC-11-1-94 and CC-11-2-94).

Returned to camp MacAuley.

(9)

- 4 July 1994 -

The weather is breaking up today, but still drizzly. Went up the east side of Partridge river to Jomier's creek. Still getting a couple of grams of gold, but mining is too difficult here. We decide to terminate the Jomier's creek survey. The geology is exciting but the mineralization is lacking. We are going to try and access the west side of the Partridge river tomorrow, to go up the river past Jomier's creek. Flagged our traverse and took 2 samples (10-11-3-94 & 10-11-4-94) and returned to camp.

(10)

- 5 July 1994 -

The weather is really raining hard today. Boated to the east side of MacAuley creek delta and traversed up slope to a bench that lies above MacAuley creek canyon and I flagged a trail that joins the Partridge river. The bench is predominantly ash and volcaniclastic flows with rhyolite dykes. The access trail on the west side proved to be easier going because we traversed around the beaver dam delta instead of through it. Went up the west side of the Partridge river past Birch. Flagged our traverse and took 2 samples (PR-LL-13-94 & PR-LL-14-94). Returned to camp?

(11)

- 6 July 1994 -

The weather is partly cloudy but could rain. Returned to the west side trail on the Fairbridge river past BL creek to Lemieux creek. After you leave the survey proper past BL creek the going is very difficult because of marsh conditions as the result of widening of the road. Very little outcrop but not shortage of granite and rhyolite boulders along the river. Some very dark diorite boulders starting to appear but very little color in the panning. Flayed our traverse and took 2 samples (PR-11-15-94 & PR-11-16-94) and returned to camp.

(12)

- 7 July 1994 -

The weather is partly cloudy with sunny breaks. Returned to the Partridge river via the west side trail and traversed up the river past Bl. Creek and Lemieux creek. Went further up the Partridge river but very difficult. More bank growth boulders but limited mineralization. We have decided to terminate the Partridge river survey and to concentrate on the MacAuley creek drainage. Flagged our traverse and took 2 samples (PR-11-17-94 & PR-11-18-94) and returned to camp MacAuley.

(13)

- 8 July 1974 -

The weather is raining heavily again today. I went to the
Left camp and worked up MacAuley creek into the canyon. The canyon walls are Rhynolite flows with K-feldspar crystals.

There are more black sands in MacAuley creek than in the Putridge river, but still only a few grains of gold. Flayed our traverse and took two samples (MC-11-1-94 and MC-11-2-94).
Returned to camp.

(14)

- 9 July 1994 -

The weather is warm and raining, but not as hard as yesterday. Left camp and traversed up MacAuley creek canyon. The creek has cut incredible flows of stuff and phylite types with huge boulders of granite in a high energy discharge. A little look up the panorama, but disappointing given the environment. We flagged the trail up the canyon to a point where it becomes very dangerous to go on. Will try to traverse by going around the canyon on the west side and dropping back down into the canyon. Flagged our traverse and took 3 samples (MC-11-3-94, MC-11-4-94 and MC-11-5-94). Returned to camp MacAuley.

(15)

- 10 July 1994 -

The weather is cooler this morning with some sunny breaks.

Traversed up the west side trail, then around the rim of MacAuley creek canyon at the 2400 foot level. We were able to drop down to the forks of a no name creek and MacAuley creek. I call this creek Wood creek because it flows through the wood clams. Parked and sampled both creeks with poor results. Only MacAuley creek had a few grains of gold. Flagged boys traverse and took 2 samples (MC-11-6-94 and MC-11-7-94).

Returned to camp MacAuley.

- 11 July 1994 -

The weather is finally improving, sunny and warm. Left camp and returned to Wood creek and traversed west up stream to the 3000 foot level. Mostly granite boulders and rhyolite flows, difficult going because of heavy brush of vine maple and willow along the creek.

Very little mineralization despite the good looking geology, it appears that this area is close to the core of the caldera and possibly most of the mineralization was blown out. ~~Along~~ our traverse and took 3 samples (WC-11-2-94, WC-11-3-94 and WC-11-4-94).

Returned to camp.

(17)

- 12 July 1994 -

The weather is sunny and warm.

We returned to Woo Creek and traversed upstream to the 3400 foot level. Mostly granite and rhyolite boulders with very little mineralization. Logged our traverse and took two samples (WC-LL-5-94 & WC-LL-6-94). Returned to the Arley creek camp site.

- 13 July 1994 -

The weather is sunny and warm but clouding over. Broke camp and returned to Woo creek and traversed upstream to the 3600 foot level. Very difficult going with little results and we decide to terminate the Woo Creek survey. Flagged our traverse and took 2 samples (WC-LL-7-94 & WC-LL-8-94).
Returned to camp.

(19)

14 July 1994 -

The weather is sunny and warm. Left camp and flagged access trail up the north side of MacAuley creek camp. Worked west up MacAuley creek to the 2700 foot level. The creek is a high energy discharge with granite and rhyolite boulders.

Panning produced large amounts of black sands but very few grains of gold. Flagged our Gravel Sand

Took 2 samples (MC-11-7-94 & MC-11-8-94). Returned to camp MacAuley.

- 15 July 1994 -

Once again the weather is sunny and warm. Returned to McLaughlin creek via the upper canyon trail and worked to the 3800 foot level. Still lots of black sands but precious little gold. Tagged our traverse and took 2 samples (MC-L-9-94 and MC-L-10-94). Returned to camp.

(21)

- 16 July 1994 -

The weather is sunny and warm. Took the Congon trail to MacAuley Creek, then up MacAuley Creek to the confluence of MacAuley Creek and a no-name creek I call A1 creek. Worked A1 creek to the 3000 foot level but no grains of gold were panned. Flayed traverse and took 2 samples (A1-L1-1-94 & A1-L1-2-94). Returned to camp MacAuley.

(22)

-17 July 1994-

The weather is sunny, but clouding over. Returned to May Auley creek via the quipna trail. They should make a public access trail along this route for the view is magnificent. Traveled up A11 creek to the 3360 foot level, mainly hornblende diorite and granite with very little mineralization. Flagged our traverse and took 2 samples (A1-11-3-94 and A1-11-4-94).
Returned to camp.

- 18 July 1994 -

The weather is partly cloudy with afternoon showers. Transversed up the canyon trail to MacAuley creek, then up MacAuley creek past A1 creek to the 3000 foot level of MacAuley creek. Flayed out traverse and took 2 more samples (MC-12-11-94 and MC-12-12-94).

Returned to camp MacAuley.

(24)

- 19 July 1994 -

The weather is cloudy and drizzly. Returned to the upper levels of Macaulay creek via the canyon trail. Worked up Macaulay creek to the confluence of a second no name creek that I call A2 creek. Still getting a few grains of gold in Macaulay creek and A2 creek. Flagged our traverse and took 2 samples (MC-11-13-94 and MC-11-14-94).

Returned to camp.

(25)

- 20 July 1994 -

The weather is raining again but still warm. Took the canyon trail to the upper reaches of MacAuley creek, then up MacAuley creek to A2 creek. Worked up A2 creek to the 3200 foot level. A2 creek appears to have cut the hornblende diorite and rhyolitic flows.

More mineralization with a few grains of gold but still hungry. Flipped our traverse table & took 3 samples (A2-LL-1-94, A2-LL-2-94 and A2-LL-3-94).

Returned to camp.

(26)

- 21 July 1994

The weather is cool this morning with sunny breaks. Returned to the upper reaches of MacAuley creek to A2 creek. Worked up A2 creek to the 3500 foot level. Mineralization still spotty with some pyrite in the shaly bed. No grains of gold were found at this level. Hauled our boxes and took 2 samples (A2-11-4-94 and A2-11-5-94).

Returned to camp MacAuley.

(27)

- 22 July 1994 -

The weather is cool this morning but clear and sunny. Took the MacAuley Creek trail to A2 creek, then past A2 creek up MacAuley creek. Not as much black sands in MacAuley creek as there is for A2 creek, but still finding a few grains of gold. We did not get to the forks of Crozier and MacAuley creeks today, but hope to tomorrow. Finished our traverse and took two samples (MC-11-15-94 and MC-11-16-94).
Returned to camp.

(28)

< 23 July 1994 -

The weather is cool this morning with sunny sky. Traveled to the upper reaches of MacAuley creek past A2 camp. Worked up MacAuley creek to the fork of MacAuley creek and Crozier creek. The water is still high but we have no problem crossing both Crozier and MacAuley creeks. A few grams of gold were found in both creeks along with increasing black sand. Flagged our traverse and took two samples (MC-11-17-94 & CC-11-1-94) Returned to camp MacAuley.

(29)

- 24 July 1994 -

The weather is sunny and hot.

Follow the canyon trail to upper MacAuley creek, then to the junction of Crozier and MacAuley creeks.

Then up Crozier creek to the 3500 foot level.

Mostly hornblende, diorite and rhyolite and a couple of grains of gold were found, but pickings were slim. Flagged our traverse and took three samples (CC-11-2-94, CC-11-3-94 and CC-11-4-94)

Returned to camp.

(30)

- 25 July 1994 -

The weather is sunny and hot but a few clouds are forming. Returned to the junction of Crozer creek and MacAuley creek, then up MacAuley creek to the 3400 foot level. Still getting a few grams of gold and a lot of black sand.

Gomph is rough, heavy clumps of vine alder and willow. Flagged our traverse and took 2 samples (MC-11-18-94 and MC-11-19-94).

Returned to camp MacAuley.

(31)

- 26 July 1994 -

Today is our last
traverse up MacAuley
creek. We went up
MacAuley creek, Cardrona
to try and locate
the showings reported
on the Geology & Geophysics,
but were unable to
locate. Flagged our
traverse and took 2
samples (MC-LL-20-94
and MC-LL-21-94).
Returned to camp.

32

- 27 July 1994 -

The weather is still warm but raining harder. Broke camp today for the last time. Collected, sorted and repacked supplies. Loaded boat and set sail for Cancosa. Looking forward to the showers at the RV centre. Demobilized survey and headed home to Chase, B.C.

Barry D. Duff

