

PROSPECTING
ASSESSMENT REPORT
ON THE
MAID CLAIMS

CACHE CREEK AREA
KAMLOOPS MINING DIVISION

NTS: 92I/13E
LATITUDE: 50°57'
LONGITUDE: 120°31'
OWNER: A.J. MacDonald
CONSULTANTS: Discovery Consultants
DATE: February 3, 1990

LOG NO:	0226	RD.
ACTION:		
FILE NO:		

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,676

LOG NO:	0528	RD. 2
ACTION:	<i>Date received back from amendment</i>	
FILE NO:		

PAID
FEB 21 1990
GOVERNMENT AGENT
VERNON
TRANS. #.....

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APPENDICES

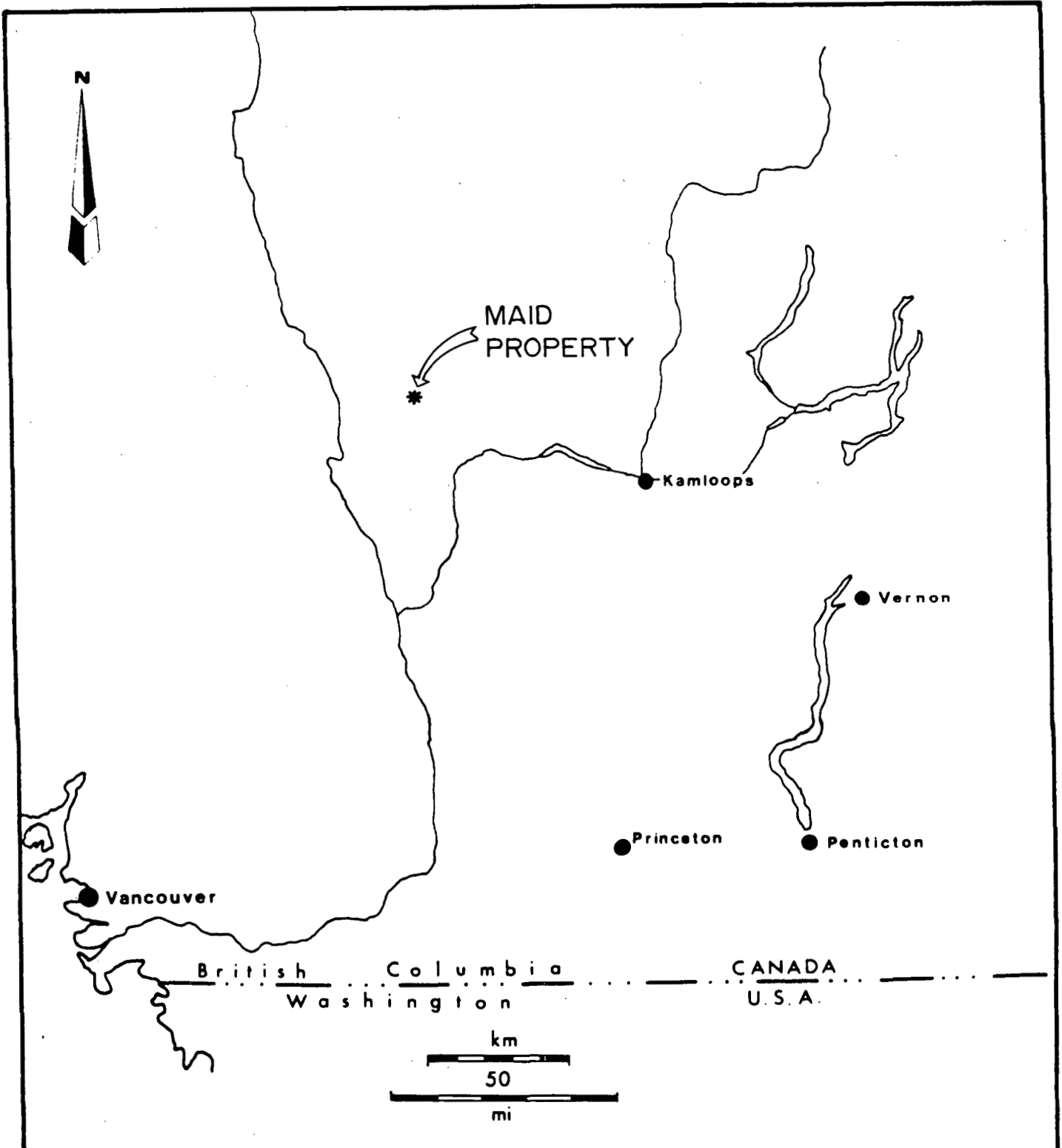
Appendix ~~2~~¹ Soil Sampling Results
Appendix ~~1~~² Analytical Procedures

INTRODUCTION

The Maid claims are located about 20km northwest of the town of Cache Creek on the Maiden Creek drainage. Access is by a good logging road which leaves Highway 97 at a point about 4km north of the junction of Highways 97 and 12.

These claims were staked in early 1988 over the catchment basins of two small creeks which were highly anomalous in gold as shown by a heavy mineral stream sediment survey done in 1987.

The author spent 4 days prospecting and soil sampling the property in an attempt to find the source of the heavy mineral anomalies.

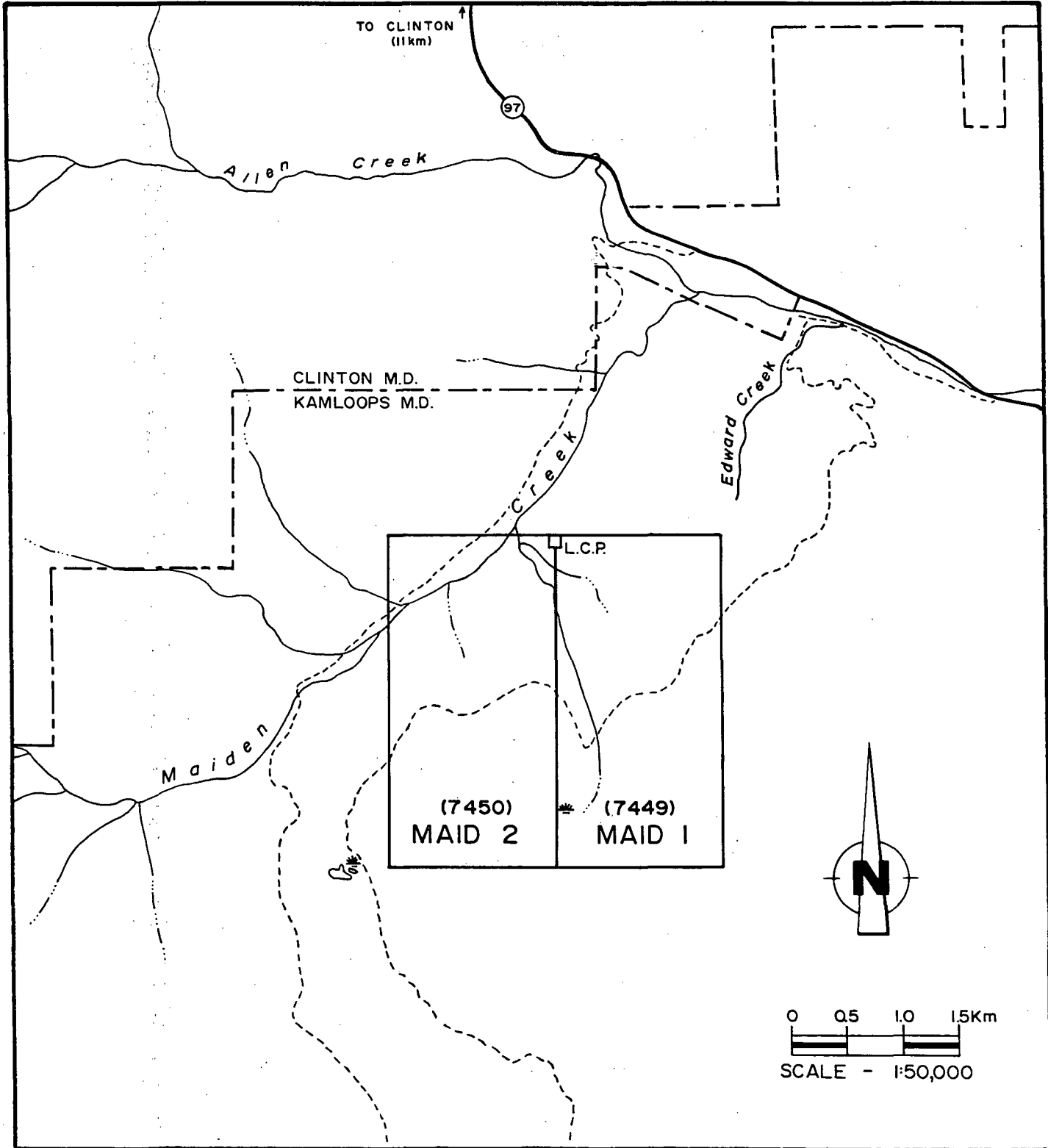


DISCOVERY Consultants

A.J. MacDonald

MAID PROPERTY

LOCATION MAP



DISCOVERY Consultants

A. J. MacDonald

MAID PROPERTY

CLAIM MAP

GEOLOGY

The geology of the region is mapped on Geological Survey of Canada Open File 980. This map shows the property to be underlain by a graben structure filled with chert pebble conglomerates of Cretaceous age, bounded on the east by Cache Creek Complex volcanics and on the west by carbonates of the Cache Creek Complex, Marble Canyon Formation. Most of the property is underlain by the conglomerates.

Geochemistry

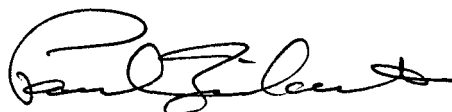
Ninety six soil samples were collected from the 'B' horizon along 2 lines as shown on the accompanying sample location map. Sample spacing on the lines is 18.5 meters. The samples were placed in kraft paper bags and sent to Bondar-Clegg and Company Ltd. in North Vancouver and were analysed for gold plus 29 other elements. The results are shown in appendix 1.

CONCLUSIONS AND RECOMMENDATIONS

Preliminary soil sampling in the catchment basin of two heavy mineral anomalies has indicated areas of anomalous gold and silver values. No bedrock source for these anomalous precious metal values has been discovered as bedrock exposure is very poor.

The extensive cover of glacial till in this area, which varies greatly in thickness, may necessitate a change in future soil sampling techniques.

More work is definitely required to find the source of the anomalies.



Paul A. Ziebart

STATEMENT OF COSTS

1.	Personnel		
	Prospecting		
	P. Ziebart 19-22 December 1989		
	4 days @ \$280/day	\$ 1120.00	
	Report Writing		
	P. Ziebart 2-3 January 1990		
	2 days @ \$280/day	<u>560.00</u>	\$ 1680.00
2.	Transport 4x4 Truck		
	646 km @ .40	258.40	
	4 days @ \$40/day	<u>160.00</u>	418.40
3.	Analysis		
	96 soil @ \$15.60/sample		1497.60
4.	Office Expense		100.00
5.	Drafting		<u>324.00</u>
		Total	<u><u>\$ 4020.00</u></u>

STATEMENT OF QUALIFICATIONS

I, PAUL A. ZIEBART, of the city of Kelowna, in the Province of British Columbia, do hereby state that:

1. I have completed a two year course in Mining Technology at the Haileybury School of Mines in Haileybury, Ontario in 1969.
2. I have been employed as a prospector and/or technician in various phases of mining exploration for the last twenty two years.
3. I have been involved in mineral exploration programs carried out in B.C., the Yukon, N.W.T. and Quebec in the last twenty two years.



Paul A. Ziebart

APPENDIX 1

ANALYTICAL PROCEDURES

Geochemical Analysis

by Bondar-Clegg :

<u>ELEMENT</u>	<u>LOWER DETECTION LIMIT</u>	<u>EXTRACTION</u>	<u>METHOD</u>
Au Gold	5.0 ppb	fire-assay	fire assay AA
Ag Silver	0.2 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
As Arsenic	5.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Ba Barium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Be Beryllium	0.5 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Bi Bismuth	2.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Cd Cadmium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Ce Cerium	5.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Co Cobalt	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Cr Chromium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Cu Copper	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Fe Iron	0.05 pct	HNO ₃ -HCl hot extr	ind. coupled plasma
Ga Gallium	2.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
La Lanthanum	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Li Lithium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Mn Manganese	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Mo Molybdenum	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Nb Niobium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Ni Nickel	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Pb Lead	2.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Sb Antimony	5.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Sc Scandium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Sn Tin	20.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Sr Strontium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Ta Tantalum	10.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Te Tellurium	10.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
V Vanadium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Y Yttrium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Zn Zinc	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Zr Zirconium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma

APPENDIX 2

Date of Report: 16-Jan-90

Project 338

MAID

Soil Sampling Results
(1989)

Reference: v89-08714.0

C = check sample

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
338-01	352	25.5	<5	221	5	14	49	33	2.93	713	2	<1	11	<5	148
338-01 C	267														
338-02	52	8.5	<5	147	7	12	50	24	2.91	226	1	<1	9	<5	71
338-02 C	57														
338-03	48	5.3	<5	269	2	11	50	26	3.21	479	<1	<1	9	<5	117
338-03 C	17														
338-04	<5	0.6	<5	156	2	16	61	44	4.30	720	2	53	9	<5	85
338-05	<5	<0.5	10	115	<2	18	76	58	6.37	450	1	72	11	<5	107
338-06	36	3.4	<5	343	3	19	69	44	4.38	965	<1	63	7	<5	76
338-07	<5	0.7	<5	191	2	15	67	35	4.41	358	2	58	5	<5	131
338-08	<5	0.9	<5	213	3	21	59	35	3.83	681	2	67	9	<5	88
338-09	8	<0.5	<5	222	<2	18	71	37	4.59	578	<1	75	9	5	90
338-10	<5	<0.5	<5	250	<2	14	70	36	3.68	264	1	67	7	<5	70
338-11	<5	<0.5	<5	106	<2	15	76	29	3.86	314	2	53	7	<5	71
338-12	10	<0.5	7	175	4	21	58	78	4.05	450	2	64	17	8	108
338-13	<5	<0.5	8	120	3	16	70	32	4.48	330	2	41	3	5	71
338-14	<5	<0.5	<5	176	<2	17	61	32	4.08	324	<1	46	7	9	79
338-15	<5	<0.5	13	92	<2	19	103	46	6.72	507	1	81	13	8	90
338-16	<5	0.5	<5	135	2	17	58	34	4.06	499	1	57	9	<5	83
338-17	<5	<0.5	10	115	6	15	76	38	4.59	426	<1	69	6	<5	82
338-18	<5	<0.5	10	133	<2	16	62	39	4.37	315	<1	49	7	<5	93
338-19	<5	<0.5	<5	101	4	12	68	30	3.58	391	<1	54	9	6	58
338-20	<5	1.2	<5	259	<2	16	76	50	3.52	504	7	53	6	<5	64
338-21	<5	<0.5	<5	83	4	17	62	38	3.88	600	1	64	8	<5	71
338-22	<5	<0.5	<5	119	5	19	79	30	4.22	550	<1	64	9	7	77
338-23	954	<0.5	9	113	<2	17	56	44	3.97	757	3	63	8	<5	65
338-23 C	8														
338-23 C	342														
338-24	<5	<0.5	62	240	6	20	93	57	6.09	787	10	105	5	10	86
338-25	<5	<0.5	<5	184	<2	19	107	52	4.81	467	<1	98	7	<5	101
338-26	<5	<0.5	23	184	4	16	91	29	4.04	349	1	61	7	<5	96
338-27	<5	<0.5	<5	189	3	12	64	20	3.33	307	<1	11	6	5	83
338-28	<5	<0.5	6	156	<2	12	68	21	3.81	312	2	10	9	<5	66
338-29	<5	<0.5	<5	163	4	13	79	67	4.46	302	<1	56	13	<5	92
338-30	160	<0.5	<5	107	<2	14	81	31	4.54	337	1	63	5	<5	73
338-30 C	<5														
338-31	<5	<0.5	<5	230	<2	12	71	20	4.01	845	2	15	4	<5	144
338-32	416	<0.5	<5	183	<2	17	105	25	5.40	400	2	44	9	<5	94
338-32 C	<5														
338-33	<5	<0.5	<5	291	2	13	73	19	3.93	411	<1	18	7	<5	97

Project 338 Soil Sampling Results (part 2)

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
338-01	<0.5	<1	26	<2	10	13	2	3	<20	80	<10	<10	47	10	14
338-01 C															
338-02	<0.5	<1	24	<2	7	8	2	3	<20	45	<10	<10	49	4	6
338-02 C															
338-03	<0.5	<1	22	<2	9	10	2	<1	<20	55	<10	<10	52	7	9
338-03 C															
338-04	<0.5	<1	42	<2	14	9	2	<1	<20	83	<10	<10	67	15	15
338-05	<0.5	<1	33	<2	21	5	2	<1	<20	58	<10	<10	98	23	6
338-06	<0.5	<1	46	<2	15	11	1	<1	<20	106	<10	<10	77	17	20
338-07	<0.5	<1	34	<2	13	10	2	<1	<20	51	<10	<10	74	15	14
338-08	<0.5	<1	49	<2	11	6	1	<1	<20	102	<10	<10	63	11	8
338-09	<0.5	<1	30	<2	12	6	2	<1	<20	64	<10	<10	77	15	11
338-10	<0.5	<1	41	<2	15	7	2	<1	<20	95	<10	<10	66	16	20
338-11	<0.5	<1	31	<2	9	16	1	<1	<20	49	<10	<10	64	8	6
338-12	0.7	<1	112	<2	15	18	1	7	<20	282	<10	<10	70	19	9
338-13	0.5	<1	38	<2	9	11	2	<1	<20	49	<10	<10	82	9	15
338-14	<0.5	<1	34	<2	8	9	2	<1	<20	71	<10	<10	77	8	13
338-15	0.6	<1	38	<2	15	11	2	<1	<20	29	<10	<10	116	16	4
338-16	<0.5	<1	75	<2	10	3	1	20	<20	103	<10	<10	71	12	4
338-17	0.5	<1	29	<2	10	6	1	<1	<20	56	<10	<10	81	16	11
338-18	<0.5	<1	28	<2	9	6	1	<1	<20	29	<10	<10	82	11	15
338-19	<0.5	<1	28	<2	10	7	<1	<1	<20	40	<10	<10	70	11	6
338-20	1.2	<1	70	<2	14	12	2	3	<20	132	<10	<10	73	12	7
338-21	0.5	<1	27	<2	9	4	<1	<1	<20	44	<10	<10	64	13	4
338-22	0.6	<1	37	<2	11	12	2	<1	<20	45	<10	<10	75	10	6
338-23	<0.5	<1	52	<2	9	6	1	<1	<20	124	<10	<10	65	13	10
338-23 C															
338-23 C															
338-24	<0.5	<1	74	<2	10	10	3	<1	<20	141	<10	<10	77	14	12
338-25	0.6	<1	33	<2	14	11	3	<1	<20	78	<10	<10	80	17	21
338-26	<0.5	<1	32	3	12	10	2	<1	<20	48	<10	<10	76	11	16
338-27	<0.5	<1	28	<2	11	9	3	<1	<20	57	<10	<10	61	10	27
338-28	<0.5	<1	21	<2	9	8	2	<1	<20	38	<10	<10	69	8	13
338-29	<0.5	35	21	<2	10	9	2	<1	<20	51	<10	<10	69	12	12
338-30	0.5	<1	29	<2	11	14	2	<1	<20	41	<10	<10	72	12	8
338-30 C															
338-31	<0.5	<1	22	2	11	9	2	<1	<20	51	<10	<10	64	9	10
338-32	<0.5	<1	32	<2	12	12	2	<1	<20	42	<10	<10	105	9	5
338-32 C															
338-33	<0.5	<1	27	<2	12	10	2	<1	<20	44	<10	<10	73	12	21

Date of Report: 16-Jan-90

Project 338

MAID

Soil Sampling Results
(1989)

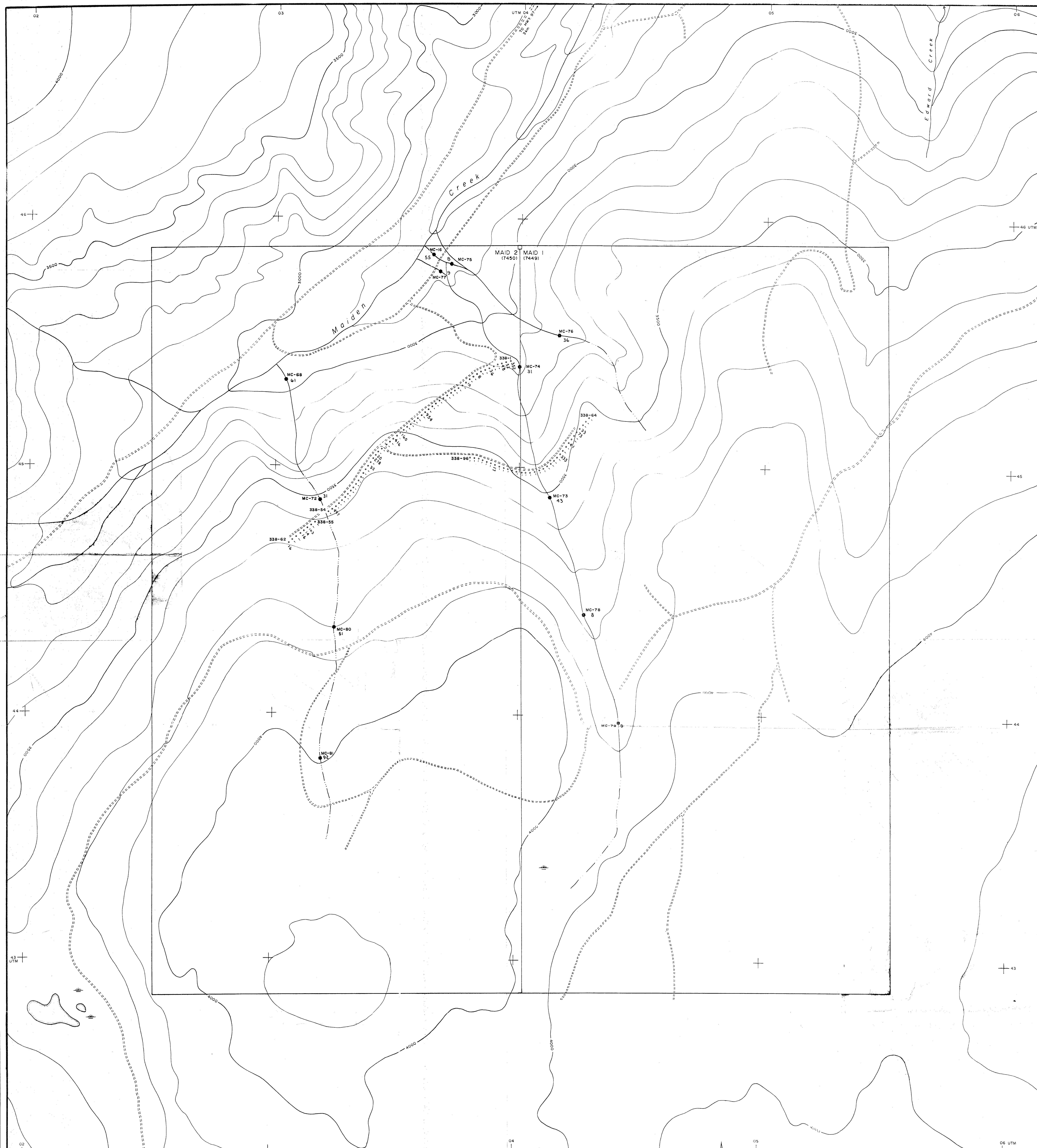
Reference: v89-08714.0

C = check sample

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
338-68	73	<0.5	11	196	<2	17	74	30	3.99	441	1	40	6	8	88
338-68 C	6														
338-69	<5	<0.5	<5	292	5	12	40	18	2.37	736	2	<1	9	7	85
338-70	<5	<0.5	<5	204	3	16	76	31	4.07	449	<1	48	5	<5	88
338-71	41	<0.5	<5	175	<2	16	88	40	4.58	443	1	70	3	<5	78
338-71 C	7														
338-72	<5	<0.5	<5	196	<2	15	68	28	3.64	420	<1	30	7	<5	84
338-73	<5	<0.5	14	224	5	15	58	26	3.07	334	5	12	12	<5	94
338-74	333	<0.5	<5	179	4	13	66	28	3.72	333	2	22	9	6	84
338-74 C	<5														
338-75	<5	<0.5	<5	169	4	15	67	28	3.81	342	<1	13	9	<5	83
338-76	<5	<0.5	<5	174	6	18	69	39	4.30	442	<1	43	13	<5	104
338-77	<5	<0.5	<5	139	3	17	79	39	4.42	401	1	66	8	<5	84
338-78	<5	<0.5	<5	228	3	19	93	56	4.46	447	1	94	10	<5	91
338-79	<5	<0.5	<5	236	5	17	82	31	4.27	552	1	61	9	<5	86
338-80	<5	<0.5	<5	238	5	19	89	37	4.51	504	2	73	10	<5	85
338-81	<5	<0.5	5	216	2	17	86	38	4.44	434	<1	74	5	<5	80
338-82	<5	<0.5	8	183	<2	13	71	32	3.64	296	<1	53	7	<5	86
338-83	<5	<0.5	<5	199	<2	13	68	27	3.51	400	<1	40	11	<5	74
338-84	<5	<0.5	<5	347	6	15	38	61	4.07	409	2	14	18	<5	106
338-85	<5	<0.5	<5	161	2	13	65	29	3.44	238	<1	44	6	8	63
338-86	<5	<0.5	<5	220	4	13	77	34	3.72	279	<1	59	5	<5	67
338-87	<5	<0.5	<5	225	6	22	144	67	4.73	563	2	134	9	<5	96
338-88	<5	<0.5	<5	203	5	17	94	43	4.30	341	<1	72	4	<5	88
338-89	<5	<0.5	18	128	<2	17	77	36	4.31	408	<1	73	10	<5	90
338-90	17	<0.5	<5	130	3	18	81	34	4.21	387	<1	61	10	<5	85
338-91	<5	<0.5	6	98	<2	21	106	48	5.81	557	1	87	11	7	103
338-92	<5	<0.5	7	144	<2	18	75	34	4.96	439	<1	67	13	<5	77
338-93	<5	<0.5	<5	222	<2	14	67	30	3.79	280	<1	19	8	<5	92
338-94	<5	<0.5	<5	163	<2	12	43	23	2.83	293	2	<1	9	5	80
338-95	<5	<0.5	<5	214	3	15	65	30	3.64	349	<1	27	8	<5	88
338-96	<5	<0.5	<5	184	<2	13	52	53	3.14	499	<1	58	14	7	74

Project 338 Soil Sampling Results (part 2)

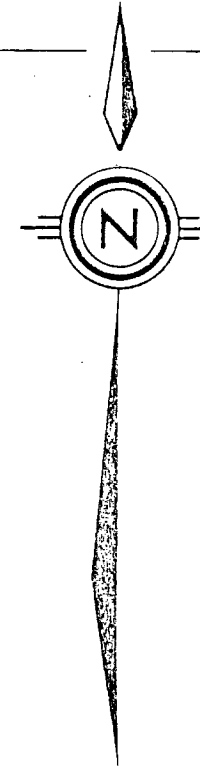
Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
338-68	0.6	<1	41	<2	13	10	2	<1	<20	50	<10	<10	64	12	28
338-68 C															
338-69	<0.5	<1	37	3	14	6	1	<1	<20	56	<10	<10	41	12	16
338-70	<0.5	<1	43	<2	14	11	2	<1	<20	51	<10	<10	68	14	28
338-71	<0.5	<1	40	3	12	10	2	<1	<20	60	<10	<10	80	13	19
338-71 C															
338-72	<0.5	<1	42	3	13	9	2	<1	<20	55	<10	<10	60	13	23
338-73	1.1	<1	44	<2	16	9	2	<1	<20	74	<10	<10	56	11	26
338-74	0.6	<1	37	<2	13	10	2	<1	<20	53	<10	<10	65	12	27
338-74 C															
338-75	0.5	<1	42	<2	13	9	2	<1	<20	56	<10	<10	65	13	33
338-76	0.6	<1	46	<2	15	11	2	<1	<20	68	<10	<10	72	15	35
338-77	0.6	<1	48	<2	16	11	3	<1	<20	68	<10	<10	71	16	25
338-78	0.6	<1	50	<2	17	11	3	<1	<20	95	<10	<10	78	19	28
338-79	0.5	<1	47	<2	14	14	2	<1	<20	97	<10	<10	74	12	15
338-80	<0.5	<1	54	<2	15	14	2	<1	<20	121	<10	<10	79	14	15
338-81	<0.5	<1	48	<2	15	11	3	<1	<20	92	<10	<10	78	13	19
338-82	<0.5	<1	37	<2	12	9	2	<1	<20	67	<10	<10	68	11	19
338-83	<0.5	<1	37	3	12	10	2	<1	<20	55	<10	<10	66	11	16
338-84	0.9	1	52	<2	23	15	2	<1	<20	66	<10	<10	41	19	8
338-85	<0.5	<1	35	<2	13	9	2	<1	<20	49	<10	<10	66	13	21
338-86	<0.5	<1	36	<2	14	9	2	<1	<20	62	<10	<10	71	15	27
338-87	<0.5	<1	63	3	13	13	3	<1	<20	104	<10	<10	84	16	22
338-88	<0.5	<1	38	<2	14	13	2	<1	<20	59	<10	<10	77	17	29
338-89	0.6	<1	42	4	16	26	1	<1	<20	41	<10	<10	64	16	12
338-90	0.5	<1	42	<2	14	26	1	<1	<20	51	<10	<10	71	14	14
338-91	0.5	<1	45	<2	16	44	2	<1	<20	39	<10	<10	97	14	9
338-92	0.5	<1	45	<2	15	19	2	<1	<20	56	<10	<10	77	15	8
338-93	0.5	<1	42	<2	13	15	2	<1	<20	60	<10	<10	67	13	26
338-94	0.7	<1	47	3	12	9	2	<1	<20	82	<10	<10	44	10	32
338-95	<0.5	<1	35	<2	10	10	2	<1	<20	61	<10	<10	59	8	23
338-96	0.7	<1	43	3	15	13	1	<1	<20	71	<10	<10	61	14	40



LEGEND

MC-16 ● HEAVY MINERAL SAMPLE & Au VALUE IN 41g
 338-1 ● ● ● SOIL SAMPLE
 VALUES SHOWN IN ppb GOLD

ISSUED	JAN 29/1990
REVISED	



TOPOGRAPHIC CONTOUR INTERVAL = 100 FEET

METRES
 0 50 100 150 200

SCALE 1:5000

A.J. MacDonald
DISCOVERY Consultants

MAID PROPERTY
 (SOIL SAMPLING)

GOLD (Au)

DATE	JAN 30/1990	SCALE	1:5000
PROJECT	338	NTS	92-1/13E
FIGURE	3		KAMLOOPS MINING DIVISION

A.R. 19676