

LOG NO: 1103	RD.
ACTION:	7/88
FILE NO: 87-689-16504	

PROSPECTING
ASSESSMENT REPORT
on the
JUBILATION #1, #2, #5 CLAIMS
KELOWNA AREA
VERNON MINING DIVISION, B.C.

NTS: 82E/13E
LATITUDE: 49° 58' 57" 48"
LONGITUDE: 119° 43' 42" 36"
OWNER: Murray Morrison
CONSULTANTS: Discovery Consultants
AUTHOR: Paul Ziebart
DATE: October 23, 1987

Operator: Chevron Minerals Ltd.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,504

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INTRODUCTION

The Jubilation mineral claims are situated near Lambly Lake, 19km. Northwest of Kelowna, B.C. The author spent 6 days prospecting the Jubilation 1 & 2 claims from June 22, 1987 to June 27, 1987. A total of 16 rock samples and 6 soil samples were collected. All samples were sent to Bondar-Clegg & Company Ltd. in Vancouver and analysed for Cu, Pb, Zn, Mo, Ag, Co, Bi, As, Sb, Ti and Au. Four rock samples contain anomalous amounts of Arsenic and 1 soil sample is anomalous in gold.

INTERPRETATION

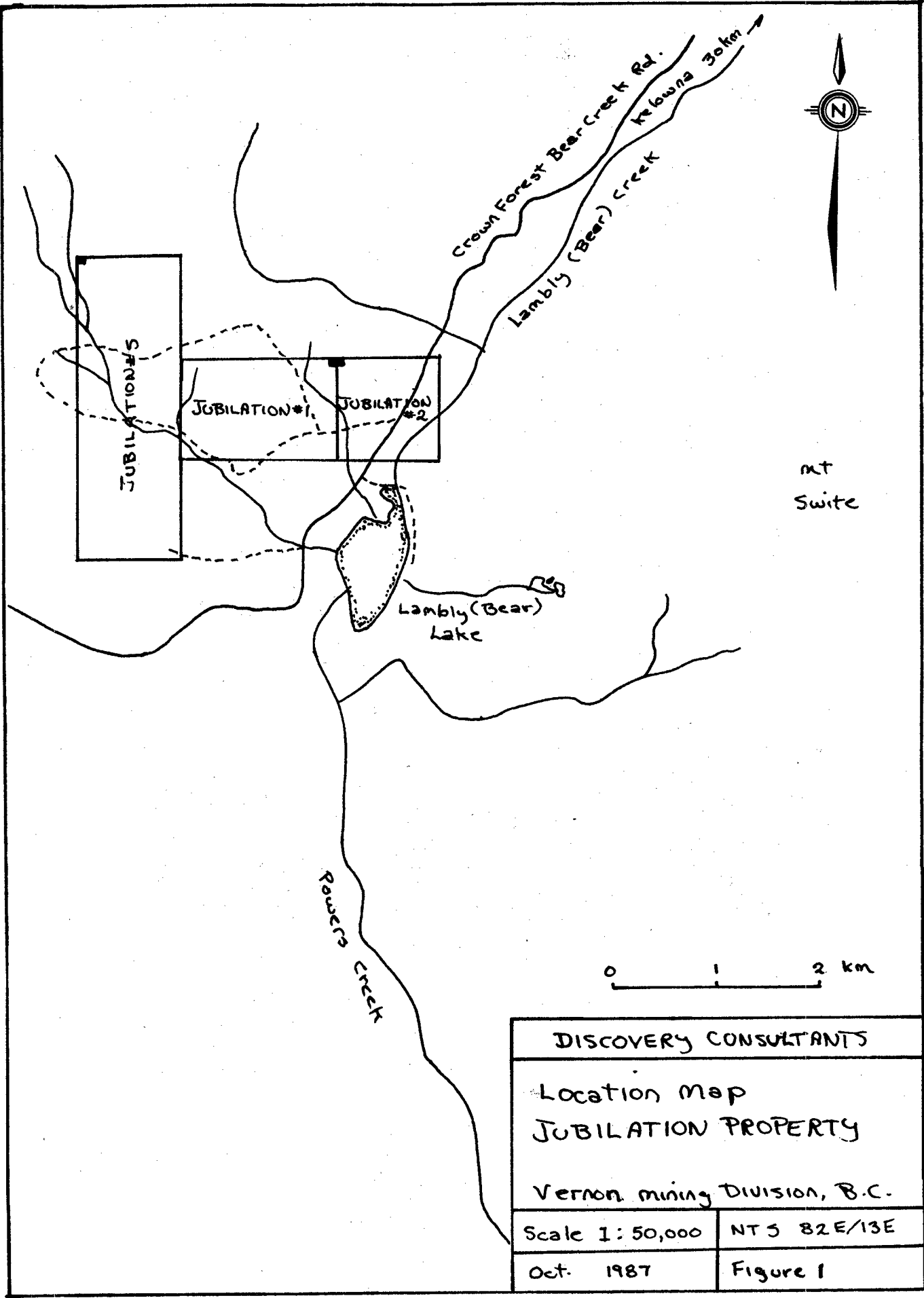
Rock samples Z-87-R-82,83, & 90 are anomalous in arsenic. Sample Z-87-R-94 is anomalous in Pb, Zn, As, and Sb, and a gold contact above background. All four samples were taken in bleached, altered, limonitic shear zones which contain quartz veinlets. These shear zones appear to control the mineralization and warrant more work, particularly trenching, to determine their extent. Soil sample L134, 0+40E contains 840 ppb. gold and will have to be trenched to determine its source.



mt
Swite



DISCOVERY CONSULTANTS	
Location Map JUBILATION PROPERTY	
Vernon mining Division, B.C.	
Scale 1:50,000	NTS 82E/13E
Oct. 1987	Figure 1



TECHNICAL DATA

<u>Sample Number</u>	<u>Description</u>
Z-87-R-79	Outcrop- Limy argillite, hornfelsed, selected most limonitic material.
Z-87-R-80	Outcrop- Hornfelsic limy argillite.
Z-87-R-81	Local angular float- bleached, limonitic limy argillite.
Z-87-R-82	Local angular float- limy argillite- bleached, limonitic, glassy quartz fragments.
Z-87-R-83	Outcrop, bleached, brecciated, limonitic. A few glassy quartz-fragments.
Z-87-R-84	Outcrop, Andesite tuff, well fractured, some limonite, glassy quartz veinlets.
Z-87-R-85	Limy argillite outcrop-limonitic, quartz veinlets.
Z-87-R-86	Outcrop- hornfelsic limy argillite, very little fracturing, no sulphides.
Z-87-R-87	Outcrop- limy argillite, limonitic, no visible sulphides.
Z-87-R-88	Outcrop- Andesite tuff, fractured, heavy limonite & manganese staining.
Z-87-R-89	Outcrop-hornfelsic, limy argillite, weak limonite, poor fractured.
Z-87-R-90	Outcrop- Limy argillite, limonitic, bleached, quartz-rich, no visible sulphides.
Z-87-R-91	Outcrop- hornfelsic andesite tuff, well fractured, limonite in fracture planes.
Z-87-R-92	Outcrop- hornfelsic argillite, heavy limonite, hornblende diorite outcrop nearby.
Z-87-R-93	Outcrop- hornfelsic sediments, py in fracture planes & disseminations.
Z-87-R-94	Outcrop- skarny limy argillite, limonite & manganese staining, pyritic, bleached, quartz-veinlets.

Technical Data Continued

Soil Line 134 - 6 soil samples taken every 10 meters from 0 + 50E. All samples taken from the "B" horizon were placed in brown kraft paper bags and sent to Bondar-Clegg & Company for analysis.

Statement of Costs

Prospecting - Paul Ziebart June 22 - 27, 1987 6 days @ \$205/day	\$1230.00
Sample Shipping	11.85
Transport	
4x4 Scout	
6 days @ \$35/day	210.00
807 km @ \$.35/km	282.45
Analysis	
Soil Geochemistry	
6 - 10 element DCP + Au @ \$13.50	81.00
Sample Preparation 6 @ \$.90/day	5.40
Rock Geochemistry	
16 - 10 element DCP + Au @ \$13.50	216.00
Sample Preparation 16 @ \$3.25	<u>52.00</u>
Total	\$2088.70

Statement of Qualification

I, Paul A. Ziebart, of the city of Kelowna, in the Province Of British Columbia, do hereby state that:

1. I 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 nineteen years.
3. I have been involved in mineral exploration programs carried or in B.C., the Yukon, N.W.T. and Quebec in the last nineteen years.

A handwritten signature in black ink, appearing to read 'Paul Ziebart', with a stylized flourish at the end.

Paul Ziebart

APPENDIX



REPORT: 127-4801 (COMPLETE)

REFERENCE INFO: SHIPMENT #6

CLIENT: DISCOVERY CONSULTANTS
 PROJECT: 292

SUBMITTED BY: P. ZIEBART
 DATE PRINTED: 24-JUL-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	19	1 PPM	HN03-HCL HOT EXTR	PLASMA
2	Pb Lead	19	5 PPM	HN03-HCL HOT EXTR	PLASMA
3	Zn Zinc	19	1 PPM	HN03-HCL HOT EXTR	PLASMA
4	Mo Molybdenum	19	1 PPM	HN03-HCL HOT EXTR	PLASMA
5	Ag Silver	19	0.5 PPM	HN03-HCL HOT EXTR	PLASMA
6	Co Cobalt	19	1 PPM	HN03-HCL HOT EXTR	PLASMA
7	Bi Bismuth	19	2 PPM	HN03-HCL HOT EXTR	PLASMA
8	As Arsenic	19	5 PPM	HN03-HCL HOT EXTR	PLASMA
9	Sb Antimony	19	5 PPM	HN03-HCL HOT EXTR	PLASMA
10	Tl Thallium	19	1 PPM	HN03-HCL HOT EXTR	PLASMA
11	Au Gold - Fire Assay	19	5 PPB	FIRE-ASSAY	Fire Assay AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	6	1 -80	11	DRY, SEIVE -80	11
T STREAM SEDIMENT, SILT	5	2 -150	8	CRUSH, PULVERIZE -150	8
R ROCK OR BED ROCK	8				

REPORT COPIES TO: DISCOVERY CONSULTANTS

INVOICE TO: DISCOVERY CONSULTANTS

REPORT: 127-4801

PROJECT: 292

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ag PPM	Co PPM	Bi PPM	As PPM	Sb PPM	Tl PPM	Au PPB
S1 L134 0+00E		18	17	107	2	<0.5	6	3	<5	<5	2	<5
S1 L134 0+10E		18	13	99	2	<0.5	8	<2	8	<5	1	<5
S1 L134 0+20E		24	12	92	2	<0.5	8	<2	7	<5	<1	<5
S1 L134 0+30E		22	13	104	1	<0.5	8	5	6	<5	<1	<5
S1 L134 0+40E		12	16	80	1	<0.5	6	<2	6	<5	<1	840
S1 L134 0+50E		18	14	119	2	<0.5	7	3	8	<5	<1	<5
T1 JUB-1		33	12	126	6	<0.5	14	<2	<5	<5	<1	<5
T1 JUB-2		24	8	77	2	<0.5	7	3	<5	<5	<1	<5
T1 JUB-3		27	11	77	1	<0.5	6	<2	<5	<5	<1	<5
T1 JUB-4		16	6	39	1	<0.5	5	<2	<5	<5	<1	<5
T1 JUB-5		14	<5	61	1	<0.5	5	3	<5	<5	1	<5
R2 Z-87-R-94		44	578	844	2	2.5	9	<2	287	45	2	10
R2 Z-87-R-95		124	79	110	3	<0.5	12	<2	26	<5	<1	<5
R2 Z-87-R-96		35	55	88	<1	<0.5	4	<2	22	<5	<1	<5
R2 Z-87-R-97		17	34	93	<1	<0.5	4	<2	<5	<5	<1	<5
R2 Z-87-R-98		25	45	78	1	<0.5	4	3	72	<5	<1	<5
R2 Z-87-R-99		6	49	69	<1	<0.5	2	<2	7	<5	<1	<5
R2 Z-87-R-100		36	311	179	8	1.4	5	5	199	26	<1	<5
R2 Z-87-R-101		44	27	151	2	<0.5	7	2	29	<5	<1	<5



REPORT: 127-4289 (COMPLETE)

REFERENCE INFO:

CLIENT: DISCOVERY CONSULTANTS
 PROJECT: 292

SUBMITTED BY: P. ZIEBART
 DATE PRINTED: 17-JUL-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	17	1 PPM	HN03-HCL HOT EXTR	PLASMA
2	Pb Lead	17	5 PPM	HN03-HCL HOT EXTR	PLASMA
3	Zn Zinc	17	1 PPM	HN03-HCL HOT EXTR	PLASMA
4	Mo Molybdenum	17	1 PPM	HN03-HCL HOT EXTR	PLASMA
5	Ag Silver	17	0.5 PPM	HN03-HCL HOT EXTR	PLASMA
6	Co Cobalt	17	1 PPM	HN03-HCL HOT EXTR	PLASMA
7	Bi Bismuth	17	2 PPM	HN03-HCL HOT EXTR	PLASMA
8	As Arsenic	17	5 PPM	HN03-HCL HOT EXTR	PLASMA
9	Sb Antimony	17	5 PPM	HN03-HCL HOT EXTR	PLASMA
10	Tl Thallium	17	1 PPM	HN03-HCL HOT EXTR	PLASMA
11	Au Gold - Fire Assay	17	5 PPB	FIRE-ASSAY	Fire Assay AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	17	2 -150	17	CRUSH,PULVERIZE -150	17

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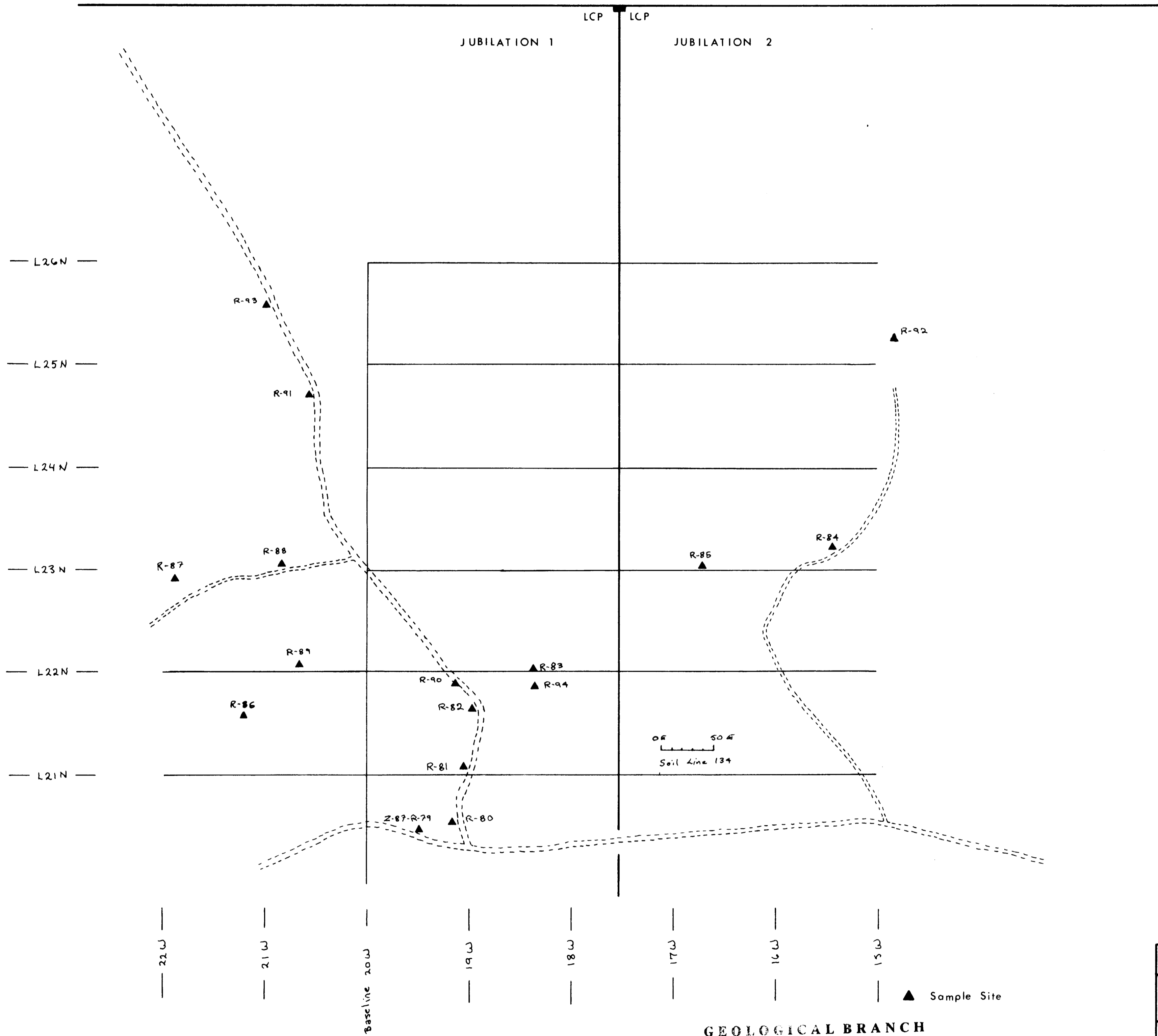
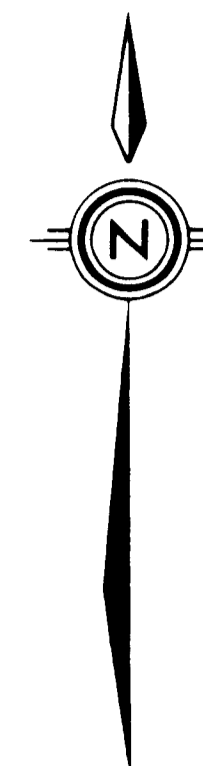
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REPORT: 127-4289

PROJECT: 292

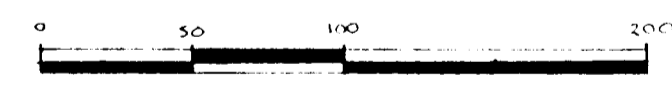
PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ag PPM	Co PPM	Bi PPM	As PPM	Sb PPM	Tl PPM	Au PPB
R2 Z-87R-77		48	10	41	<1	<0.5	4	<2	<5	<5	4	<5
R2 Z-87R-78		56	14	5	1	<0.5	6	<2	<5	<5	<1	<5
R2 Z-87R-79		24	60	109	1	<0.5	7	<2	37	<5	<1	<5
R2 Z-87R-80		29	60	337	3	<0.5	8	<2	17	<5	<1	<5
R2 Z-87R-81		19	108	132	1	<0.5	7	<2	<5	<5	<1	<5
R2 Z-87R-82		24	50	62	2	<0.5	3	<2	104	5	<1	<5
R2 Z-87R-83		48	36	149	4	<0.5	10	<2	149	<5	2	<5
R2 Z-87R-84		157	13	30	2	<0.5	3	2	16	<5	<1	15
R2 Z-87R-85		54	18	125	1	<0.5	7	<2	<5	<5	<1	<5
R2 Z-87R-86		18	8	100	1	<0.5	11	3	<5	<5	<1	<5
R2 Z-87R-87		13	7	35	<1	<0.5	4	<2	<5	<5	<1	<5
R2 Z-87R-88		87	8	63	2	<0.5	17	4	<5	<5	<1	<5
R2 Z-87R-89		19	10	67	1	<0.5	7	<2	<5	<5	<1	<5
R2 Z-87R-90		22	133	76	2	<0.5	5	<2	305	6	<1	<5
R2 Z-87R-91		65	13	42	1	<0.5	12	<2	6	<5	<1	<5
R2 Z-87R-92		43	16	27	10	<0.5	7	<2	<5	<5	<1	<5
R2 Z-87R-93		81	14	79	10	<0.5	12	2	<5	<5	<1	<5



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,504



DISCOVERY CONSULTANTS	
JUBILATION PROPERTY VERNON MINING DIVISION, B.C.	
SAMPLE LOCATION MAP	
Date:	Scale: 1:2,500
Project:	Figure

▲ Sample Site

KAMLOOPS

87-689-16504



Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
PROSPECTING	\$2088,70

AUTHOR(S) Paul Ziebart SIGNATURE(S)

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED July 2, 1987 YEAR OF WORK 1987

PROPERTY NAME(S) JUBILATION

COMMODITIES PRESENT

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION Vernon NTS 82E/13E

LATITUDE 49°57'48" LONGITUDE 119°42'36"

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

Jubilation 1, 2, 5

OWNER(S)

(1) Murray S. Morrison (2)

MAILING ADDRESS

684 Balsam Road

Kelowna, BC V1W 1B9

OPERATOR(S) (that is, Company paying for the work)

(1) (2) Chevron Minerals Ltd.

MAILING ADDRESS

1900 - 1055 West Hastings Street

Vancouver, BC V6E 2R8

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

Permian-Poasay

Cache Creek Group metasediments striking westerly and dipping steeply north are

intruded by a hornblende diorite stock on the northeast side of the property,

Some hornfelsing and skarnification of the lime-rich sediments has resulted.

Gold, silver, and arsenic values occur in anomalous amounts associated with

pyrite-bearing quartz veinlets cutting through fractured, bleached, and limonite

and manganese stained limy metasediments. Northwest faulting (333 degrees)

REFERENCES TO PREVIOUS WORK of possible Tertiary age appears to control the emplacement of the quartz veinlets.

