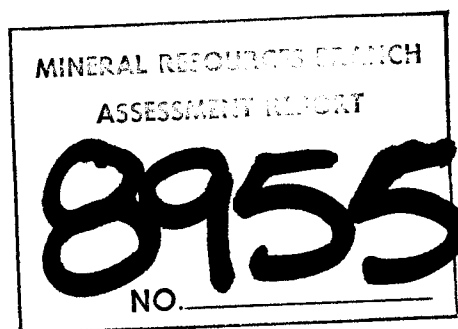


GEOCHEMICAL REPORT

- on the -

VIDETTE #1 CLAIM

Lots 4747, 4748, 4751, 4764, 4766  
CLINTON MINING DIVISION, B. C.



- for -

KERR, DAWSON & ASSOCIATES LTD.,  
#1-219 Victoria Street,  
Kamloops, B. C. V2C 2A1.

COVERING: Vidette #1 (20 units); L-4751 New Hope (49.21 acres);  
L-4747 Valley #1 (14.83 acres); L-4764 CE Fraction ( 0.64 acres);  
L-4748 Valley #2 ( 4.86 acres); L-4766 Argenta #1 (33.11 acres).

WORK PERFORMED: October 15, 1980 to October 21, 1980.

LOCATION: (1). 72 km. NW of Kamloops, B. C.  
(2). N.T.S. 92P/2W.  
(3). Latitude  $51^{\circ}10'20.5''$  L.C.P.; Longitude  $120^{\circ}54'21''$  L.C.P.

PREPARED BY:

KERR, DAWSON & ASSOCIATES LTD.,  
#1-219 Victoria Street,  
KAMLOOPS, B. C.  
W. Gruenwald, B. Sc.,  
December 11, 1980.

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APPENDICES

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- APPENDIX B - Personnel
- APPENDIX C - Statement of Expenditures
- APPENDIX D - References
- APPENDIX E - Writer's Certificate
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MAPS

Scale

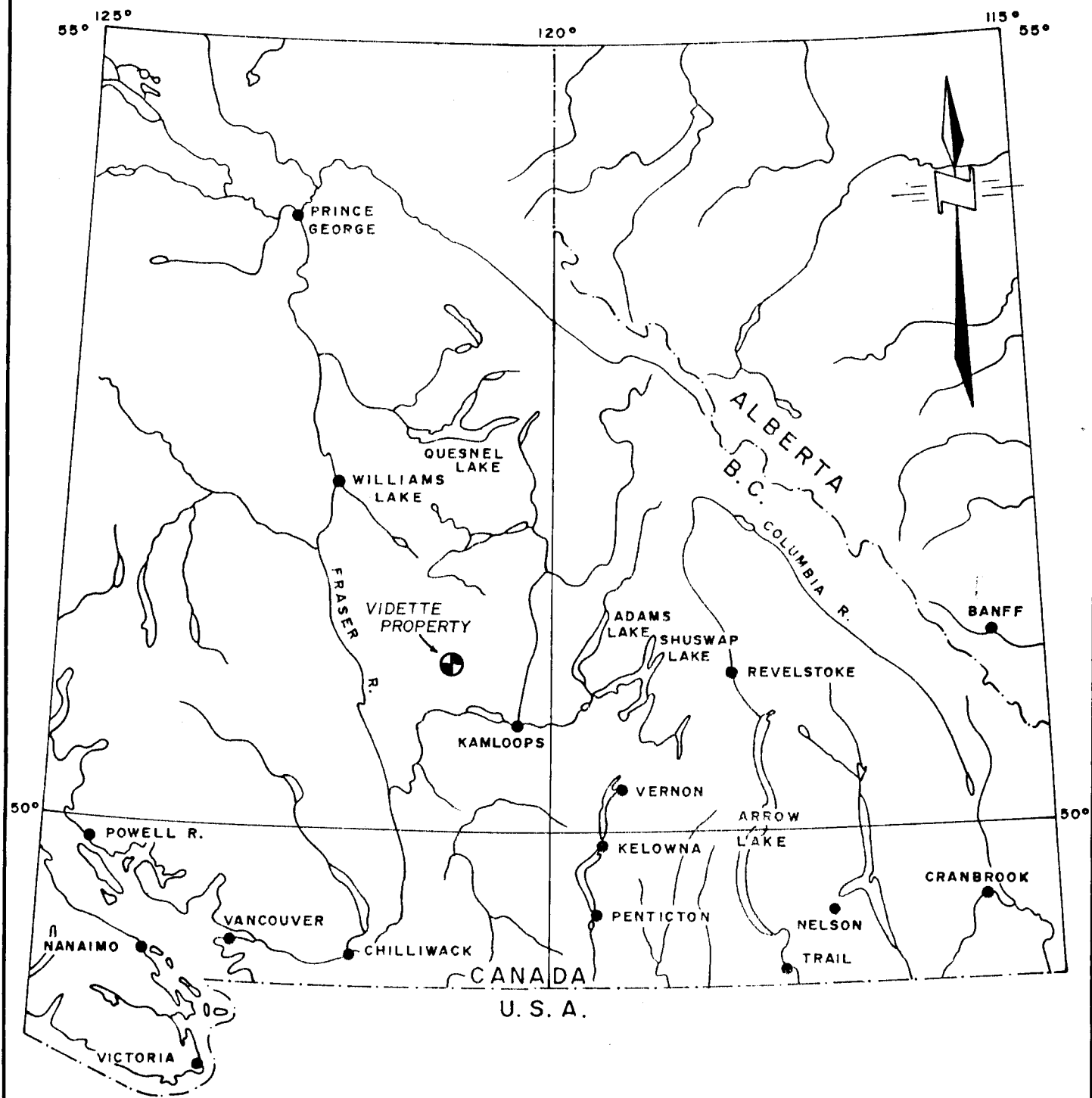
Figure #2-1	- Location Map	1":64 mi.
Figure #2-2	- Index Map	1:50,000
Figure #2-3	- Geochemical Plan (Copper)	1: 5,000
Figure #2-4	- Geochemical Plan (Gold)	1: 5,000
Figure #2-5	- Geochemical Plan (Mercury)	1: 5,000

## INTRODUCTION

The Vidette #1 claim was staked in February, 1980, to cover reverted crown granted claims (L-4747, #4748, #4751, #4764, & #4766), held by James M. Dawson, of Kamloops, B. C.

These claims are situated immediately north of the old Vidette Gold Mine which was in production in the 1930's.

During October, 1980, a geochemical sampling programme was carried out over the above claims, the results of which are described in this report and the appended maps. Brief geological descriptions are included from several previous reports to aid in the interpretation of the geochemical results.



KERR, DAWSON & ASSOCIATES LTD.

LOCATION MAP

**VIDETTE CLAIMS**

CLINTON MINING DIVISION, B.C.

Date: Dec 1980.

Scale: 1" = 64 Miles

Dwn by: W.G.

Dwg no. 2-1

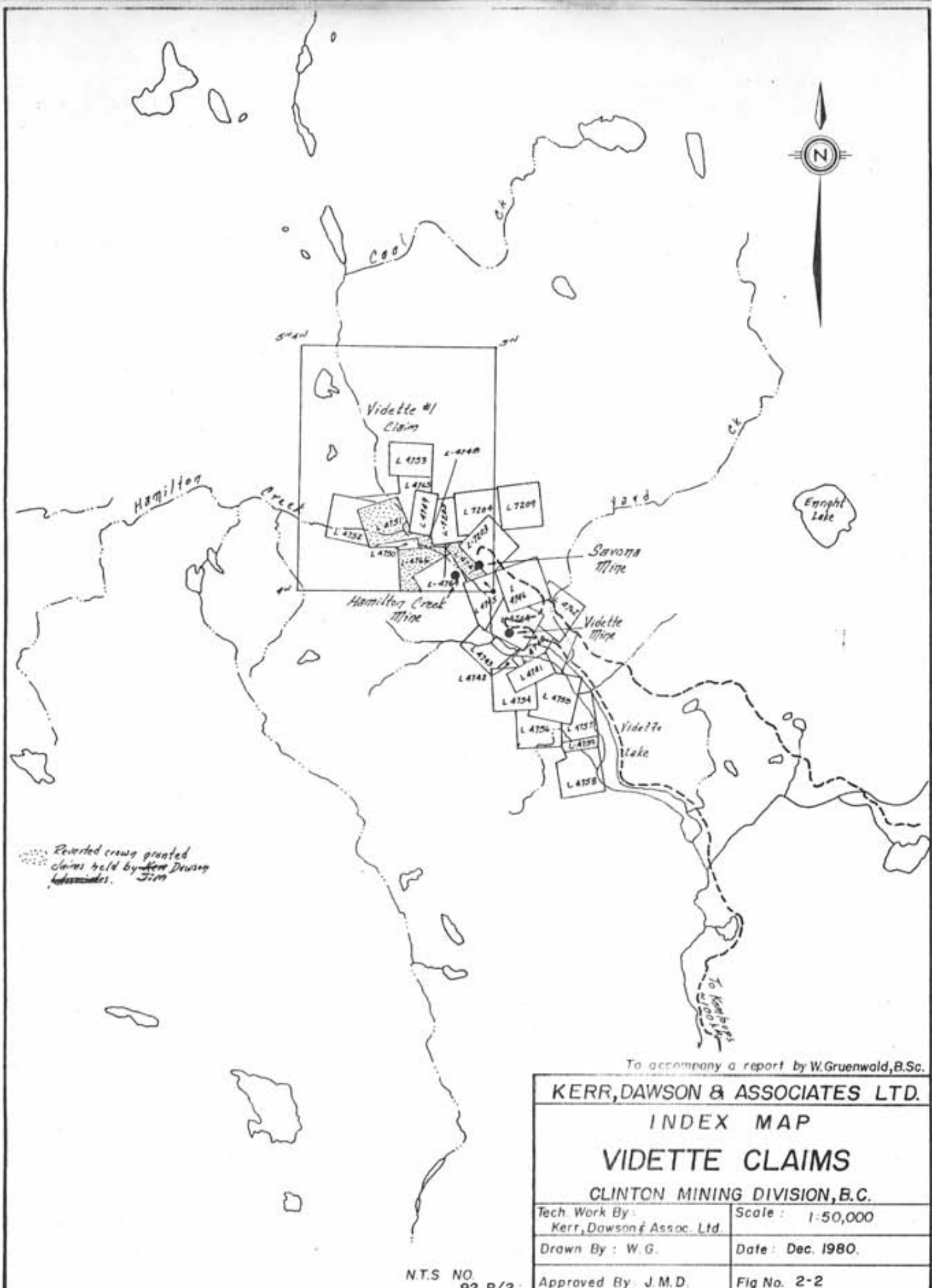
SUMMARY AND CONCLUSIONS

- (1). The Vidette property consists of one 20 unit claim (Vidette #1) and 5 contiguous reverted crown granted claims. The property is located 72 km. northwest of Kamloops, B. C. and is road accessible from the Trans Canada Highway, west of Savona, B. C.
  
- (2). The claims lie in the former Vidette gold camp which was active during the 1930's. The Vidette mine, the only recorded producer milled approximately 55,000 tons of ore from which substantial amounts of gold, silver, and copper were extracted. Contained within the bounds of the Vidette #1 claim are two small mine sites that were developed on several quartz veins, and for which there are no production figures available.
  
- (3). The geology of the Vidette claim area consists of Triassic greenstones (Nicola Group) that are overlain by Tertiary volcanics. Transecting the area, is a prominent north-northwesterly trending gully

that is the probable site of a major fault zone and which hosts all of the known gold prospects and the Vidette mine. At least two feldspar porphyry (granitic) plugs intrude the area near the old workings and may play an integral part in the mineralization of the area.

- (4). The geochemical survey served to outline the main "fault zone" and would seem to suggest that gold-copper mineralization in either extensions to the known vein systems or totally separate and unexplored vein systems may exist.





To accompany a report by W.Gruenwald, B.Sc.

<b>KERR, DAWSON &amp; ASSOCIATES LTD.</b>	
<b>INDEX MAP</b>	
<b>VIDETTE CLAIMS</b>	
<b>CLINTON MINING DIVISION, B.C.</b>	
Tech. Work By: Kerr, Dawson & Assoc. Ltd.	Scale: 1:50,000
Drawn By: W.G.	Date: Dec. 1980.
Approved By: J.M.D.	Fig No. 2-2

LOCATION AND ACCESS

The property is located in the Fraser Plateau approximately 72 km. northwest of Kamloops and 0.5 km. north-northwest of the northern tip of Vidette Lake. Geographic co-ordinates for the Legal Corner Post (LCP) are  $51^{\circ}10' 20.5''$  North latitude and  $120^{\circ}54'21''$  west longitude.

The claims are accessible via the Deadman Creek road which leads north from the Trans Canada Highway about 8 km. west of Savona. The north end of Vidette Lake is approximately 55 km. north of the Deadman Creek turnoff.

The Vidette #1 claim covers both sides of the main valley immediately north of Vidette Lake and is transected by several old roads along Hamilton Creek and the main valley.

PROPERTY

The property consists of one twenty unit modified grid claim along with five reverted crown granted claims, the details of which are as follows:

<u>Name of Claim</u>	<u>Record No.</u>	<u>Lot No.</u>	<u>No. of Units or Acreage</u>	<u>Expiry Date</u>	
Vidette #1	592(2)	- - - -	20 units	Feb.	22/81
Valley #1	569	4747	14.83 ac.	Jan.	21/81
Valley #2	570	4748	4.86 ac.	Jan.	21/81
New Hope	565	4751	49.21 ac.	Jan.	21/81
CE Fraction	562	4764	0.64 ac.	Jan.	21/81
Argenta #1	562	4766	33.11 ac.	Jan.	21/81

The registered owner of the Vidette #1 claim is W. Gruenwald of Kamloops, B. C. J. M. Dawson,<sup>ci</sup> Kamloops, B. C. is the registered owner of the 5 reverted crown granted claims.

## HISTORY

The Vidette Lake area first received attention in the early 1930's with the discovery of several gold bearing veins. The main property, located at the northwest end of Vidette Lake was developed and operated by the Vidette Gold Mines Ltd. from 1931 to 1940. During the period from 1933 to 1940, the property yielded approximately 40,000 oz. of gold, 30,000 oz. of silver, and 100,000 lbs. of copper from 55,000 tons of ore.

Located about 750 meters northwest of the main Vidette shaft are the workings of the Savona Gold Mines Ltd. This property was explored by three adits totalling over 100 meters in length; however, production figures, if any, are not known.

The Hamilton Creek Mines Ltd. workings are located on the southwest side of the main valley across from the Savona workings. Development work consisted of one adit with approximately 100 meters of drifting on several narrow quartz veins. This work was also done in the mid 1930's with no production being recorded.

Sporatic exploration for porphyry copper and molybdenum was carried out in the 1960's and 1970's; however, the gold occurrences were generally ignored.

PHYSIOGRAPHY AND VEGETATION

The Vidette claim group is centered around a steep walled north-northwesterly trending valley immediately north of Vidette Lake. Flowing southerly into Vidette Lake is a small creek which is joined by the easterly flowing Hamilton Creek in the south central part of the Vidette claim group.

The bulk of the bedrock exposures are found along the main valley where locally precipitous cliffs are found.

Total topographic relief over the claim block is approximately 260 meters from the LCP area (880 m) to the northeast corner of Vidette #1 (1,140 m).

The entire claim block is covered by sparce to thick coniferous vegetation except for parts of the main valley which contain open grassy meadows.

GEOLOGY

The following geological data is taken from Annual Reports of the Minister of Mines (1931-1936), and reports by J. M. Dawson, P. Eng. and L. S. Trenholme, P. Eng.

The Vidette Lake area is underlain by Triassic "greenstones" of the Nicola group which are surrounded and largely overlain by extensive Tertiary volcanic rocks. At least one granitic plug is found to intrude the greenstones in the southeast sector of the Vidette claim group (near Hamilton Creek and Savona Mines). Possibly related to such small intrusive bodies are felsite and feldspar porphyry dykes that were reported in some of the old workings.

The north-northwesterly trending valley in the claim block and containing Vidette Lake to the south suggests the presence of a strong fault or shear zone. The intensely fractured nature of the rocks outcropping along the valley walls and the northwesterly strike of

the gold bearing veins in the old workings tend to be supporting evidence for such a fault or shear zone.

The gold bearing quartz veins of the Vidette Lake camp occur in the Nicola greenstones. They are usually about 30 cm wide; however, locally swell to greater than a meter wide. Northeasterly trending faults were found to offset the veins in a number of places. The veins generally dip steeply to the northeast.

It would appear that the old Hamilton Creek Mine is situated within the Vidette #1 claim (not within any crown granted claims). The Savona Mine, though located within the Vidette #1 claim, may be situated on the boundary between Lot #4747 (J. M. Dawson), and Lot #7203 (other owners).

The association of gold mineralization with small granitic intrusive bodies is well documented in many other precious metal districts; however, there is no record of exploration for any low grade gold mineralization in the Vidette Lake camp.



GEOCHEMISTRY

During October, 1980, a chain and compass grid totalling 12.0 km. was established over the entire Vidette #1 claim, which also encompasses Lots #4747, #4748, #4751, #4764, & #4766. Soil samples were collected at 50 meter intervals on east-west lines 500 meters apart. A total of 231 soil samples were thus collected.

Soil samples were collected from the "B" horizon when present, usually at a depth of 20-35 cm. All samples upon collection were placed in waterproof kraft envelopes and labelled by the appropriate grid co-ordinates. The samples were later packaged and shipped to Acme Analytical Laboratories in Vancouver, B. C. for analysis.

After drying, the soil samples were sieved to obtain an aliquot of -80 mesh material. All samples were analyzed for copper (Cu), gold (Au), and mercury (Hg). The analysis for the above elements was as follows:

<u>Element</u>	<u>Digestion</u>	<u>Determination</u>
Copper Mercury	A 0.5 gm sample is digested in hot aqua regia.	Atomic Absorption.
Gold	A 10 gm sample is heated to 600°C for 4 hours and digested in hot aqua regia.	Atomic Absorption.

The results for copper were stated in parts per million (ppm) and those for mercury and gold were stated in parts per billion (ppb). Results for the latter two elements were converted and plotted in ppm. (See figure 2-4,5). A statistical analysis was done for each element and stated as follows:

	<u>Copper</u>	<u>Gold</u>	<u>Mercury</u>
Mean ( $\bar{x}$ )	65 ppm	12 ppb	30 ppb
Standard Deviation(s)	106 ppm	30 ppb	24 ppb
Background	65 ppm	12 ppb	< 30 ppb
Possibly Anomalous	65-171 ppm	12-42 ppb	30-54 ppb
Probably Anomalous	172-277 ppm	43-72 ppb	55-77 ppb
Definitely Anomalous	> 277	> 72	> 77

A large north-northwesterly trending copper anomaly is found to extend from the southeast corner of Vidette #1 to the north central portion of the same claim. The anomaly measuring 500 meters in width and over 2,000 meters in length contains values up to 1,500 ppm Cu. This

anomaly extends through the old Hamilton Creek and Savona Mines and parallels the main gully that is thought to be a major fault zone. This major fault zone also contains the Vidette Mines property to the southeast.

A smaller parallel copper anomaly is found to the west of the main anomaly and may outline a parallel structural zone weakly mineralized with copper.

The bulk of the anomalous gold values are found to co-incide well with the main copper anomaly. The trend of the gold anomalies also parallels the main valley (fault zone). These anomalies extend considerably north of the old Hamilton Creek and Savona mine sites. This would seem to suggest that northward extensions of the gold-copper mineralization (veins) of the Hamilton Creek and Savona Mines may exist.

Co-incident with the Cu-Au anomalies is a large broad zone of variably anomalous mercury values that also parallel the main structural feature of the area. Scattered to the east and west of the main mercury

anomaly are several smaller weakly anomalous mercury anomalies which may be of little or no significance.

In summary, the co-incident Cu-Au-Hg geochemical anomalies along the deeply incised gully indicates that: - 1) a strong structural feature (ie. fault zone) transects the Vidette #1 claim area and 2) the property (in gully area) may be underlain by northerly extensions of the Hamilton Creek or Savona Mines veins or separate quartz vein systems containing gold and copper mineralization.

In addition to the above vein type environment, may be the possible existence of an as yet unexposed and mineralized feldspar porphyry or similar intrusive body.

RECOMMENDATIONS

Based on information to date it is suggested that:

- (1). Detailed prospecting as well as rock and soil sampling be carried out in the area of the main gully geochemical anomalies between L-0 and L-20N.
- (2). Contingent on favourable results of the above programme, carry out trenching and/or diamond drilling.

Respectfully Submitted:

KERR, DAWSON & ASSOCIATES LTD.,



*Werner Gruenwald*  
\_\_\_\_\_  
Werner Gruenwald, B. Sc.,  
GEOLOGIST

Kamloops, B. C.

December 11, 1980.

APPENDIX A

GEOCHEMICAL RESULTS



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

To: Kerr, Dawson & Associates Ltd.,  
#1 - 219 Victoria St.,  
Kamloops, B.C.  
V2C 2A1

File No. 80-1317

Type of Samples Soil

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.		Cu	Au	Hg																
LO 0+50 W		170	.005	.070																1
1		114	.045	.100																2
1+50		265	.305	.060																3
2		285	.065	.055																4
2+50		230	.055	.015																5
3		315	.150	.010																6
3+50		285	.100	.035																7
4		35	.005	.020																8
4+50		48	.005	.015																9
5		21	.005	.030																10
5+50		68	.010	.025																11
6		15	.005	.020																12
6+50		13	.005	.025																13
7		14	.005	.020																14
7+50		16	.005	.020																15
8		21	.005	.020																16
8+50		16	.005	.020																17
9		19	.005	.025																18
9+50		24	.005	.025																19
10		15	.005	.025																20
10+50		18	.005	.020																21
11		34	.005	.020																22
11+50		50	.005	.020																23
12		26	.005	.040																24
12+50		50	.005	.030																25
13		28	.005	.025																26
13+50		82	.005	.060																27
LO 14 W		42	.005	.015																28
																				29
LO 14+50 W		44	.005	.025																30
15		72	.005	.070																31
15+50		9	.005	.020																32
16		19	.005	.045																33
16+50		25	.005	.025																34
17		17	.005	.035																35
17+50		15	.005	.030																36
18	N.S.																			37
LO 18+50		15	.005	.015																38
																				39
																				40

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All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 24, 1980

DATE REPORTS MAILED Nov. 10, 1980

ASSAYER \_\_\_\_\_

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 80-1317

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Au	Hg									
L0 19 W	18	.005	.025									1
L0 19+50 W	9	.005	.040									2
												3
L5N 0	23	.005	.030									4
0+50 W	30	.005	.025									5
1	146	.005	.050									6
1+50	44	.005	.015									7
2	55	.005	.030									8
2+50	76	.005	.020									9
3	230	.005	.020									10
3+50	198	.005	.035									11
4	285	.005	.030									12
4+50	168	.005	.025									13
5+50	102	.005	.040									14
6	585	.210	.045									15
6+50	780	.055	.065									16
7	255	.075	.050									17
7+50	245	.015	.060									18
8+50	355	.005	.030									19
9	106	.005	.040									20
9+50	68	.005	.030									21
10	30	.005	.040									22
10+50	106	.005	.035									23
11	134	.005	.035									24
11+50	36	.015	.020									25
12	38	.005	.035									26
12+50	46	.005	.020									27
13	27	.005	.030									28
13+50	55	.005	.030									29
14	27	.005	.035									30
14+50	21	.005	.010									31
15	31	.005	.025									32
15+50	49	.005	.020									33
16	19	.005	.025									34
16+50	116	.005	.035									35
17	72	.005	.035									36
17+50	128	.005	.030									37
L5N 18 W	190	.005	.040									38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 24, 1980

DATE REPORTS MAILED Nov. 10, 1980

ASSAYER *[Signature]*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER





ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

To: Kerr, Dawson & Associates Ltd.,

File No. 80-1317

Type of Samples Soil

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.		Cu	Au	Hg								
L5N	18+50 W	33	.005	.030								1
L5N	19 W	34	.005	.025								2
												3
L10N	0	11	.020	.015								4
	0+50 W	17	.005	.015								5
	1	14	.005	.015								6
	1+50	7	.005	.015								7
	2	12	.010	.020								8
	2+50	16	.005	.025								9
	3	14	.005	.025								10
	3+50	15	.005	.015								11
	4	15	.005	.025								12
	4+50	26	.005	.020								13
	5	23	.005	.025								14
	5+50	35	.005	.045								15
	6	54	.005	.050								16
	6+50	66	.005	.025								17
	7	31	.005	.025								18
	7+50	76	.005	.035								19
	8	385	.010	.080								20
	8+50	600	.025	.060								21
	9	220	.015	.045								22
	9+50	315	.015	.030								23
	10+50	220	.010	.030								24
	11	90	.005	.045								25
	12	550	.030	.065								26
	12+50	130	.025	.030								27
	13	58	.005	.045								28
	13+50	19	.005	.025								29
	14	23	.005	.025								30
	14+50	37	.005	.035								31
	15	36	.005	.035								32
	15+50	41	.005	.025								33
	16	35	.005	.030								34
	16+50	25	.005	.025								35
	17	50	.005	.025								36
	17+50	15	.005	.020								37
L10N	18 W	32	.005	.035								38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 24, 1980

DATE REPORTS MAILED Nov. 10, 1980

ASSAYER Dean Toy

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 80-1317

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Au	Hg										
L10N 18+50 W	50	.005	.040										1
19	78	.005	.025										2
L10N 19+50 W	62	.005	.035										3
													4
L15N 0	12	.005	.035										5
0+50 W	11	.005	.015										6
1	12	.005	.020										7
1+50	15	.005	.010										8
2	16	.005	.025										9
2+50	9	.005	.015										10
3	12	.005	.020										11
3+50	9	.005	.020										12
4	19	.005	.025										13
4+50	10	.005	.020										14
5	11	.005	.015										15
5+50	13	.005	.020										16
6	18	.005	.020										17
6+50	11	.005	.020										18
7	41	.005	.015										19
7+50	27	.005	.025										20
8	62	.005	.065										21
8+50	42	.005	.025										22
9	184	.010	.025										23
9+50	150	.010	.035										24
10	142	.005	.040										25
10+50	96	.005	.040										26
11+50	130	.005	.040										27
12	335	.005	.030										28
12+50	1500	.050	.200										29
13	118	.005	.030										30
13+50	24	.005	.015										31
14	16	.005	.020										32
14+50	13	.005	.015										33
15	15	.005	.015										34
15+50	12	.005	.035										35
16	18	.005	.015										36
16+50	10	.005	.020										37
L15N 17 W	8	.005	.020										38
													39
													40

All reports are the confidential property of clients  
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 24, 1980

DATE REPORTS MAILED Nov. 10, 1980

ASSAYER *[Signature]*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



**ACME ANALYTICAL LABORATORIES LTD.**

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

To: Kerr, Dawson & Associates Ltd.,

File No. 80-1317

Type of Samples Soil

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.		Cu	Au	Hg								
L15N	17+50 W	9	.005	.020								1
	18	12	.005	.020								2
	18+50	14	.005	.015								3
	19	26	.005	.020								4
L15N	19+50 W	16	.005	.035								5
												6
L20N	0 W	9	.005	.035								7
	0+50	12	.005	.010								8
	1	5	.005	.020								9
	1+50	6	.005	.015								10
	2	9	.005	.005								11
	2+50	8	.005	.035								12
	3	14	.005	.015								13
	3+50	10	.005	.020								14
	4	10	.005	.020								15
	4+50	9	.005	.015								16
	5	7	.005	.020								17
	5+50	8	.005	.020								18
	6	8	.005	.020								19
	6+50	8	.165	.020								20
	7	13	.005	.020								21
	7+50	25	.005	.025								22
	8	21	.005	.025								23
	9	26	.005	.020								24
	9+50	58	.025	.015								25
	10	84	.005	.025								26
	10+50	160	.005	.025								27
	11	245	.095	.025								28
	11+50	210	.040	.070								29
	12	122	.015	.030								30
	12+50	96	.025	.025								31
	13	100	.005	.045								32
	13+50	31	.005	.065								33
	14	36	.005	.065								34
	14+50	58	.005	.035								35
	15	13	.005	.065								36
	15+50	8	.005	.040								37
L20N	16 W	13	.005	.025								38
												39
												40

All reports are the confidential property of clients  
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 24, 1980

DATE REPORTS MAILED Nov. 10, 1980

ASSAYER Dean Toyé

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 80-1317

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Table with columns: SAMPLE No., Cu, Au, Hg, and numbered rows 1-40. Rows include sample IDs like L20N 16+50 W, L25N 0, etc.

All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 24, 1980

DATE REPORTS MAILED Nov. 10, 1980

ASSAYER [Signature]

DEAN TOYE, B.Sc.
CHIEF CHEMIST
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File No. 80-1317

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Au	Hg																		
L25N 15 W	38	.005	.045																		1
15+50	114	.005	.040																		2
16	24	.005	.030																		3
16+50	13	.005	.020																		4
17	6	.005	.040																		5
17+50	22	.005	.110																		6
18	26	.005	.110																		7
18+50	29	.005	.095																		8
19	27	.005	.150																		9
19+50	11	.005	.010																		10
L25N 20 W	10	.005	.005																		11
																					12
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																					40

All reports are the confidential property of clients  
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 24, 1980

DATE REPORTS MAILED Nov. 10, 1980

ASSAYER *Dean Toye*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER

APPENDIX B

PERSONNEL

PERSONNEL

FIELD:

M. Dawson, Prospector	- October 15-18, 21, 1980	- 5 1/2 days
B. Baker, Assistant	- October 15-18, 1980	- 4 days

OFFICE:

J. M. Dawson, P. Eng.	- October 8, 1980	- 1/4 day
M. Dawson	- November 24, 1980	- 1 day
W. Gruenwald, B. Sc.	- November 4, 12, 1980	
	December 4, 8, 9, 10, 11, 1980	- 3 days

APPENDIX C

STATEMENT OF EXPENDITURES



STATEMENT OF EXPENDITURES

LABOUR:

J. M. Dawson, P. Eng. 1/4 day @ \$200.00/day . . . . .	\$ 50.00	
W. Gruenwald, B. Sc., 3 days @ \$150.00/day . . . . .	450.00	
M. Dawson, 6 1/2 days @ \$120.00/day . . . . .	780.00	
B. Baker, 4 days @ \$120.00/day . . . . .	<u>480.00</u>	\$1,760.00

EXPENSES AND DISBURSEMENTS:

(a). Geochemical Analyses . . . . .	\$1,635.60	
(b). Truck Rental:		
4 days @ \$30.00/day	\$120.00	
400 km. @ 20¢/km.	<u>80.00</u>	200.00
(c). Flagging, bags, field equipment, and miscellaneous . . . . .	40.00	
(d). Map enlargement, printing, xeroxing, secretarial . . . . .	<u>178.58</u>	<u>2,054.18</u>
TOTAL HEREIN . . . . .		<u><u>\$3,814.18</u></u>

APPENDIX D

REFERENCES

## REFERENCES

- Campbell, R.B. &  
Tipper, H. W. - 1971 - Geology of the Bonaparte  
Lake Map Area, B. C.  
G.S.C. Memoir #363.
- Annual Reports of Minister  
of Mines,  
British Columbia - 1936
- Dawson, J. M. - 1973 - Geochemical Report-Vidette  
Lake Property
- Trenholme, L. S. - 1980 - Report on the Vidette Lake Gold-  
Silver Prospect.  
Kamloops Mining Division, B. C.

APPENDIX E

WRITER'S CERTIFICATE

**Werner GRUENWALD, B. Sc.**

Geologist

#1-219 VICTORIA STREET • KAMLOOPS, B.C. V2C 2A1 • TELEPHONE (604) 374-0544

CERTIFICATE

I, WERNER GRUENWALD, OF KAMLOOPS, BRITISH COLUMBIA, DO HEREBY CERTIFY THAT:

- (1). I am a geologist residing at 45 West Battle Street, Kamloops, British Columbia, and employed by Kerr, Dawson and Associates Ltd. of Suite #1-219 Victoria Street, Kamloops, B. C.
- (2). I am a graduate of the University of British Columbia, B. Sc., (1972), and a fellow of the Geological Association of Canada. I have practised my profession for 8 1/2 years.
- (3). I am the author of this report which describes the results of a geochemical exploration programme carried out under the supervision of James M. Dawson, P. Eng. on the Vidette group of claims, Clinton Mining Division, British Columbia.

KERR, DAWSON AND ASSOCIATES LTD.,



*Werner Gruenwald*  
-----  
W. Gruenwald, B. Sc.,  
GEOLOGIST

December 11, 1980,  
KAMLOOPS, B. C.

APPENDIX F

MAPS



L-25 N

20°00' W 10 11 27 25 24 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 000 W

L-20 N

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

L-15 N

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

L-10 N

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

L-5 N

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

L-0

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

Hamilton  
Creek

L 4751

L 4748

L 4764

L 4747

L 4766

Hamilton  
Creek  
Mine

Savona  
Mine

**- LEGEND -**

- 3000 TOPOGRAPHIC CONTOUR IN FEET (A.S.L.)
- CREEK
- ROAD
- GRID LINE WITH 50m STATION MARKER.
- NOTE GEOCHEMICAL VALUES FOR COPPER STATED IN PARTS PER MILLION (PPM) GOLD AND MERCURY STATED IN PARTS PER BILLION (PPB)

**GEOCHEMICAL CATEGORIES**

	COPPER	GOLD	MERCURY
BACKGROUND	< 65	< 12	< 30
POSSIBLY ANOMALOUS	65 - 171	12 - 42	30 - 54
PROBABLY ANOMALOUS	172 - 277	43 - 72	55 - 77
DEFINITELY ANOMALOUS	> 277	> 72	> 77

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT

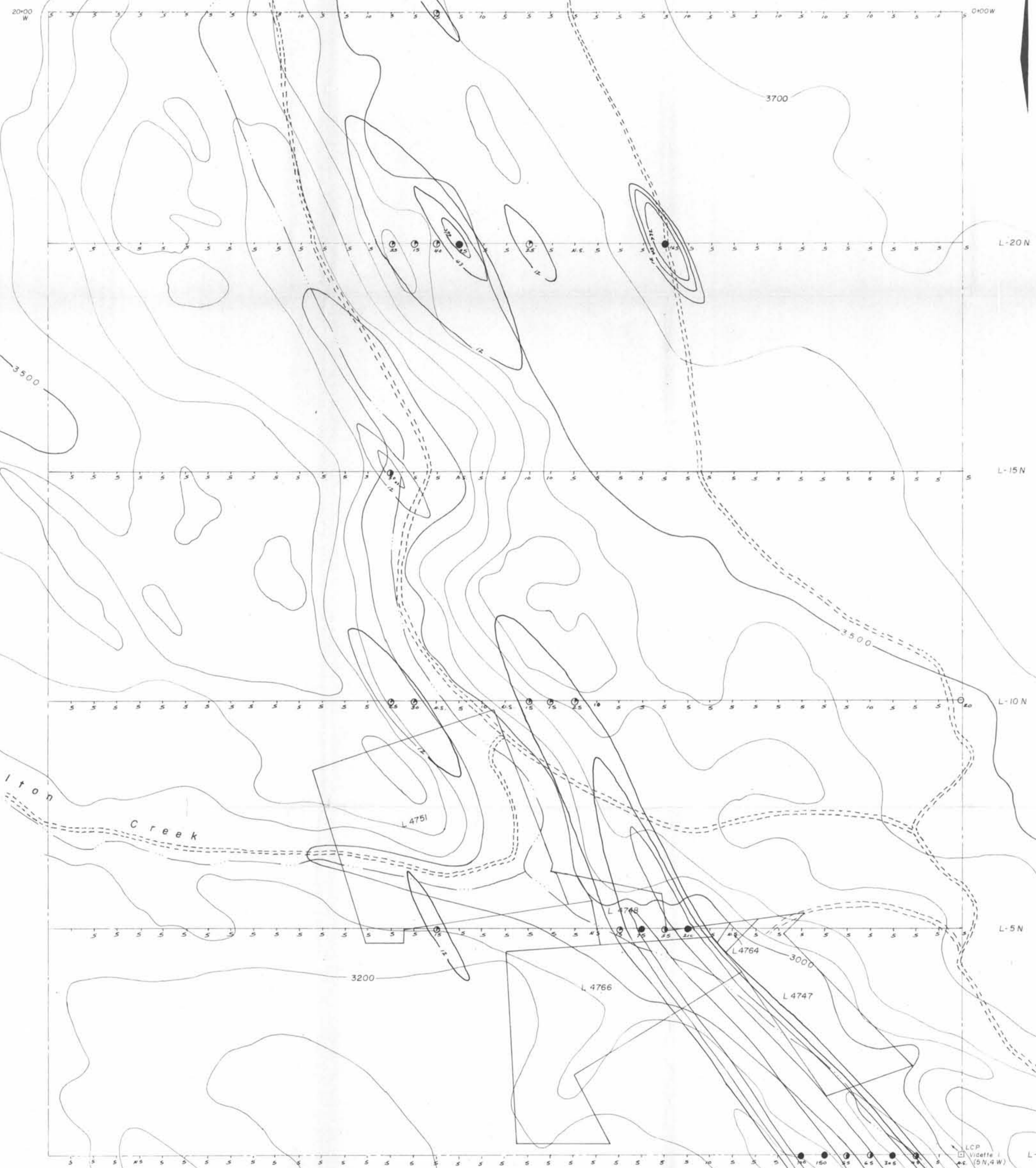
**8955**

KERR, DAWSON & ASSOCIATES LTD.  
NO.

**GEOCHEMICAL PLAN  
(COPPER)  
VIDETTE CLAIM**  
CLINTON MINING DIVISION, B.C.

TECH WORK BY: KERR, DAWSON AND ASSOCIATES LTD. SCALE: 1:5,000  
 DRAWN BY: W.G. DATE: DEC 1980  
 APP'D BY: J.M.D. FIG NO: 2-3

To accompany a report by W.Gruenwald, B.Sc.



**- LEGEND -**

- 3000 TOPOGRAPHIC CONTOUR IN FEET (A.S.L.)
- CREEK
- ROAD
- GRID LINE WITH 50m STATION MARKER.
- NOTE: GEOCHEMICAL VALUES FOR COPPER STATED IN PARTS PER MILLION (PPM) GOLD AND MERCURY STATED IN PARTS PER BILLION (PPB)

**GEOCHEMICAL CATEGORIES**

	COPPER	GOLD	MERCURY
BACKGROUND	< 65	< 12	< 30
● POSSIBLY ANOMALOUS	65 - 171	12 - 42	30 - 54
● PROBABLY ANOMALOUS	172 - 277	43 - 72	55 - 77
● DEFINITELY ANOMALOUS	> 277	> 72	> 77

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**8955**

KERR, DAWSON & ASSOCIATES LTD.  
NO. \_\_\_\_\_  
**GEOCHEMICAL PLAN**  
**(GOLD)**  
**VIDETTE CLAIM**  
CLINTON MINING DIVISION, B.C.

TECH WORK BY: KERR, DAWSON AND ASSOCIATES LTD.  
DRAWN BY: W.G.  
APP'D BY: J.M.D.  
SCALE: 1:5,000  
DATE: DEC 1980.  
FIG NO: 2-4

To accompany a report by W. Greenwald, B.Sc.





L-25 N

2000 W 0400 W

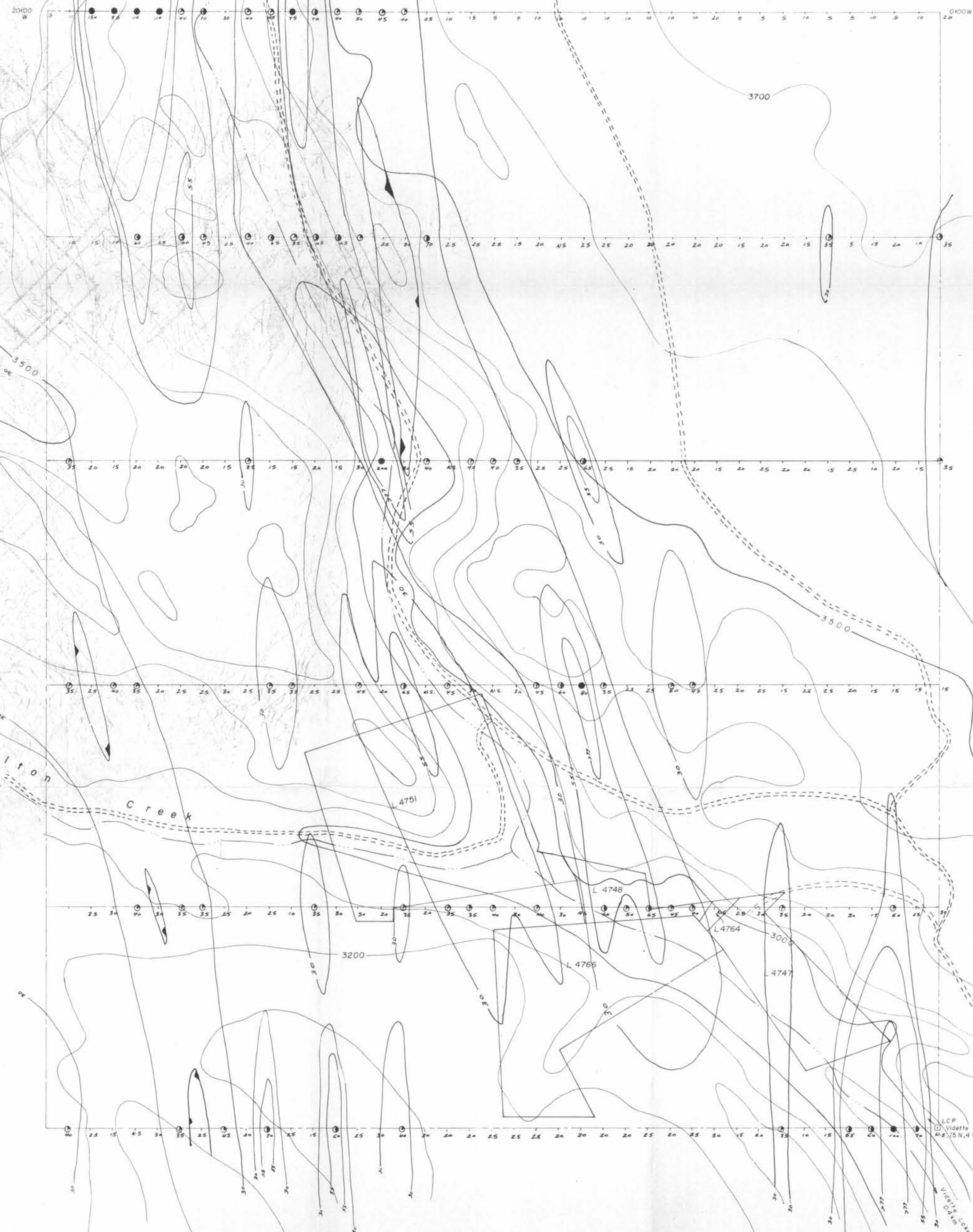
L-20 N

L-15 N

L-10 N

L-5 N

L-0



**- LEGEND -**

- 3000 — TOPOGRAPHIC CONTOUR IN FEET (A.S.L.)
- CREEK
- ==== ROAD
- GRID LINE WITH 50m STATION MARKER
- NOTE: GEOCHEMICAL VALUES FOR COPPER STATED IN PARTS PER MILLION (PPM) GOLD AND MERCURY STATED IN PARTS PER BILLION (PPB)

**GEOCHEMICAL CATEGORIES**

	COPPER	GOLD	MERCURY
BACKGROUND	< 65	< 12	< 30
● POSSIBLY ANOMALOUS	65 - 171	12 - 42	30 - 54
⊙ PROBABLY ANOMALOUS	172 - 277	43 - 72	55 - 77
● DEFINITELY ANOMALOUS	> 277	> 72	> 77

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**8955**

KERR, DAWSON & ASSOCIATES LTD.

**GEOCHEMICAL PLAN  
(MERCURY)  
VIDETTE CLAIM**

CLINTON MINING DIVISION, B.C.

TECH WORK BY: KERR, DAWSON AND ASSOCIATES LTD.  
DRAWN BY: W.G.  
APP'D BY: J.M.D.

SCALE: 1:5,000  
DATE: DEC 1980  
FIG NO: 2-5

To accompany a report by W. Gruenwald, B.Sc.