

ALLEN RESOURCE CONSULTANTS LTD.

GUY ALLEN, P.ENG. (B.C.), P.GEOL. (ALTA.)
CONSULTING GEOLOGIST

81-#701.
-9363

BOX 7248, POSTAL STATION "E" CALGARY, ALBERTA T3C 3M2

TELEPHONE (403) 265-5137

242-5758

PROSPECTING REPORT

ON

RCJV 27 PROPERTY

Nature of Report: Prospecting
Claim Involved: RCJV 27, Record No. 2474
Mining Division: Greenwood
NTS Location: 82E/2
Latitude: 49°15'N
Longitude: 118°59'W
Registered Owner: Dayton Creek Silver Mines Ltd.
Operator: Rock Creek Joint Venture
Consultant: Allen Resource Consultants Ltd.
Author of Report: Guy Allen, P. Eng.
Date: September 5, 1981

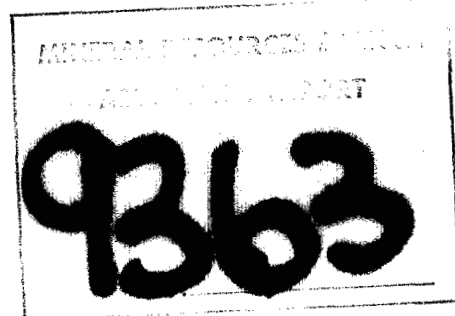


TABLE OF CONTENTS

	Page
Introduction	3
Detailed Technical Data and Interpretation	4
Itemized Cost Statement	6
Author's Qualifications	7
Appendix - Geochemical Analyses	8
Rock Assay	11

LIST OF ILLUSTRATIONS

Plate No. 1 Location Map	1
Plate No. 2 Claims Map	2
Figure No. 27-1 Concentrations of Lead	pocket
Figure No. 27-2 Concentrations of Zinc	pocket
Figure No. 27-3 Concentrations of Copper	pocket
Figure No. 27-4 Concentrations of Chromium	pocket
Figure No. 27-5 Composite of Anomalies	pocket

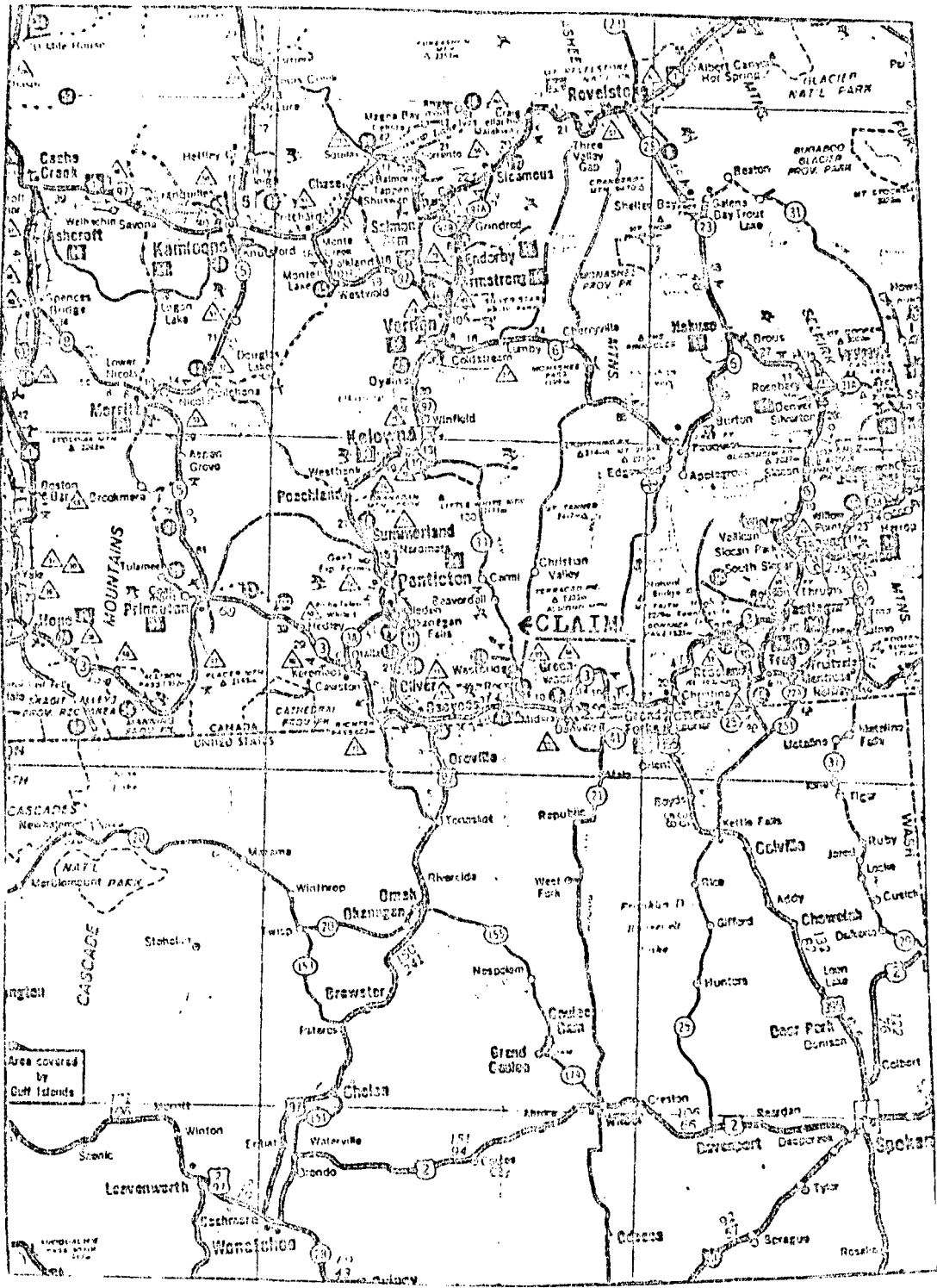


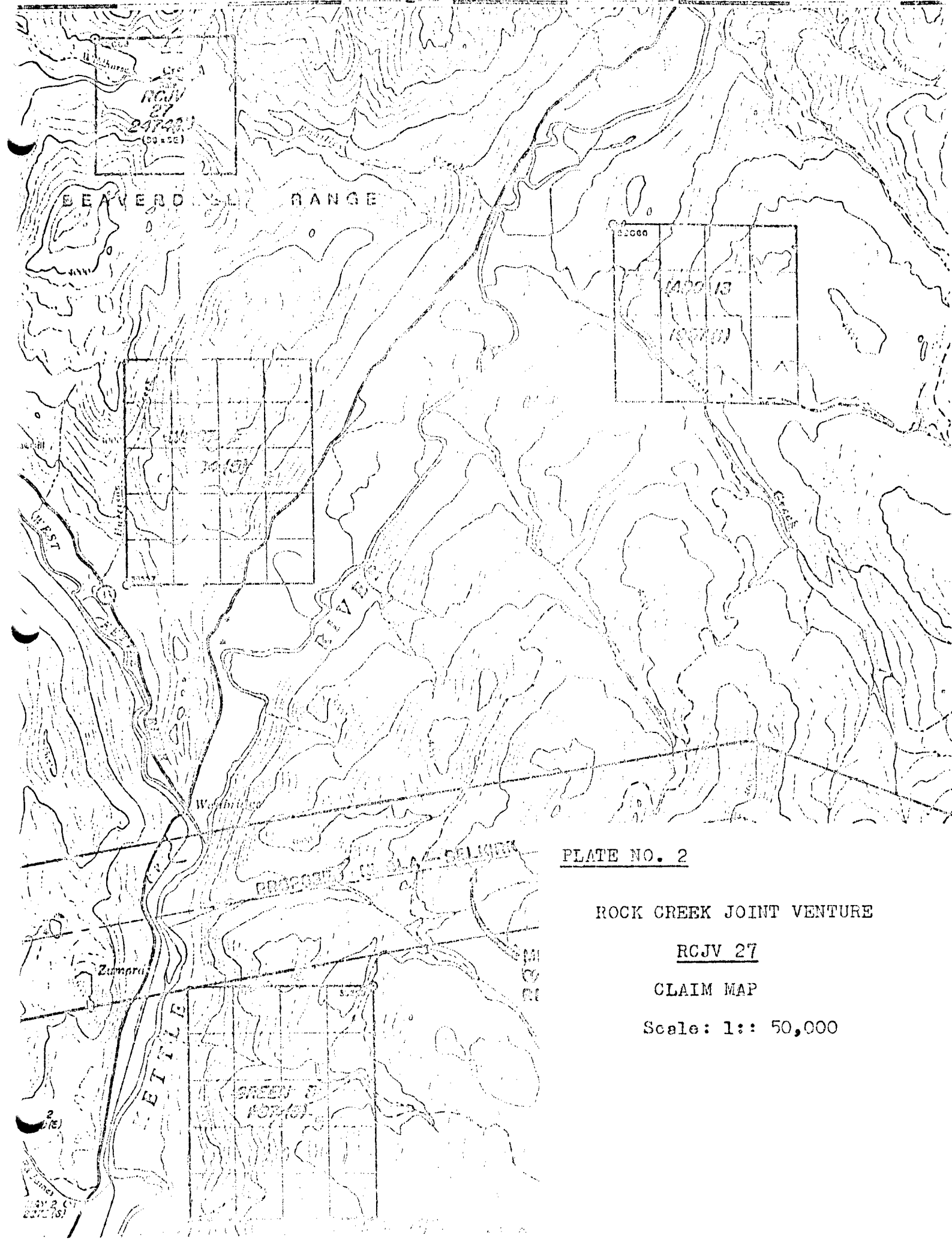
PLATE NO. 1

ROCK CREEK JOINT VENTURE

RCJV 27

LOCATION MAP

Scale: 1 in. = 38 mi.



RCJV
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24740
(30 & 35)

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PROGRESS

PLATE NO. 2

ROCK CREEK JOINT VENTURE

RCJV 27

CLAIM MAP

Scale: 1: 50,000

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Introduction

RCJV 27 was staked in November, 1980 as the result of a general reconnaissance, geochemical, stream sediment, sampling program conducted during the summer. North-flowing tributaries, and Wildhorse Creek were found to be anomalous for chromium content.

The 1981 program of prospecting, and geochemical stream sediment and bank sampling was designed to locate the source of these anomalous results.

Three men spent two days, June 14 and 15 conducting the sampling program. On August 18, two men prospected the indicated anomalous areas.

RCJV 27 is located in the Greenwood Mining Division, British Columbia, some eight kilometers due north of Westbridge, B.C. The claim occupies a portion of the valley of Wildhorse Creek, and adjacent north and south slopes. Access to the property is by means of the Mulligan Creek-Wildhorse Creek Forestry road, which leaves the Christian Valley road about eleven kilometers northeast of Westbridge. The property is found on NTS map 82E/2W.

RCJV 27 is a nine-unit claim with a recorded date of November 12, 1980. Present expiry date is November 12, 1981. The property or particular area has no history known to the author other than the reconnaissance geochemical work done in the area in 1980. The registered owner, Dayton Creek Silver Mines Ltd., presently holds the property in trust for the operator, the Rock Creek Joint Venture. The results of the work conducted this year were negative, and no further work is recommended for the claim.

The 1981 program on RCJV 27 consisted of a stream sediment and bank geochemical survey, and conventional prospecting. A total of 30 stream sediment samples, and 60 soil samples were collected. Stream

sediment samples were collected by hand from as near the stream center as possible and placed in pre-numbered kraft paper envelopes. Bank samples were taken from the soils on the adjacent banks (right and left looking upstream, with the exception of Cl Creek, where these were reversed), after digging beneath the humus layer. These samples were also placed in pre-numbered kraft-paper envelopes. Hence, at each station, three samples were taken, one stream sediment, and two bank. The stations were spaced, in most cases, 100 meters apart. Collected samples were hung to dry, and then shipped to Chemex Labs Ltd. in Calgary to be analyzed for copper, lead, zinc, chromium, and silver. At Chemex, the sample material was sieved to the -80 fraction, subjected to perchloric acid digestion, and analyzed for the indicated metals by atomic adsorption. These results, expressed in parts per million are included in the Appendix. Statistical calculations on the stream sediment results and bank sample results were done separately. For each group, the values for the mean, one standard deviation above the mean, two standard deviations above the mean, and three standard deviations above the mean were calculated. The latter three figures for each group were considered high background, anomalous, and highly anomalous. The concentration values for each metal were plotted separately on the maps (see Figures Nos. 27-1 to 27-4 inclusive), with the exception of silver (all silver values were less than 0.1 ppm.). Figure No. 27-5 is a composite of the results, showing samples having significant concentrations of the indicated metals.

Upon completion of the above, two areas showing higher-than-normal metal concentrations were prospected in detail.

Detailed Technical Data and Interpretation

The following statistical results were determined for the two groups

of samples.

<u>Sample Group</u>	<u>Metal</u>	<u>Mean</u>	<u>M+1SD</u>	<u>M+2SD</u>	<u>M+3SD</u>
Stream seds.	Cu	19.3	31.6	44	56.3
	Pb	6.2	8.5	10.3	13.2
	Zn	36.7	55.2	73.7	92.2
	Cr	7.0	9.5	11.9	14.4
Bank sampl.	Cu	19.3	31.2	43.1	55.0
	Pb	6.7	9.3	11.9	14.5
	Zn	40.7	59.5	78.3	97.1
	Cr	6.8	9.0	11.1	13.3

All figures are expressed in parts per million.

As a result of the geochemical work, two areas were considered worthy of additional investigation. These include that area drained by the ClC Creek around sample stations ClC-1 and ClC-2, and that portion of C4 Creek in the vicinity of stations C4-1 and C4-2. These two areas were prospected in detail.

The area drained by ClC Creek has the remnants of an old log milling operation. There is considerable junk scattered around and old garbage dumps. A number of pieces of galvanized material was seen. Little outcrop was seen, but none of the rocks gave any indication of sulphide mineralization.

To the south, around C4 Creek, there is also considerable scattered garbage, including cans, galvanized pails, stove pipes, oil cans, etc. The area is subcropped by granite, with no indicated mineralization.

The purpose of this year's program was to locate the source of high chromium values found in stream sediment samples from the 1980 reconnaissance geochemical program. This year's geochemical results pinned down the source areas as being contaminated by garbage from past log milling, and other activities of man.

No further work is recommended for this property.

Itemized Cost Statement

The work done on RCJV 27 was a portion of a large exploration program conducted in this part of the Province by a crew operating out of a single camp at the West Kettle Campground. As a consequence the costs here defined are determined on a pro-rated basis based on the number of man/days spent on this property in comparison to the total number of field man/days. Costs attributable directly to the property without pro-rating are indicated by *.

Field Crew Services

1. R. Leonard, Geology Student: 2 days @ \$75	\$150.00 *
1 day @ \$90	\$90.00 *
2. M. Lemmer, Geology Student: 2 days @ \$75	\$150.00 *
3. B. Beattie, Geology Student: 1 day @ \$90	\$90.00 *
4. T. Spaulding, Field Ass't: 2 days @ \$65	\$130.00 *

Food and Lodging

1. Camp Space: 2% of \$1,000	\$20.00
2. Food: 2% of \$4,202.68	\$84.05

Vehicles

1. Vehicle Leases: 2% of \$5,407.32	\$108.15
2. Expenses: 2% of \$2,590.04	\$51.80

Field Equipment

1. Write-offs: 2% of 2,376.44	\$47.53
2. Rentals, & Depreciables(30%): 2% of \$5,184.98	\$103.70

General Field & Travelling Expenses 2% of \$3,402.66 \$68.05

Professional Services (Supervision, Camp Cook, etc.)

1. 2% of \$17,236.50	\$344.73
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Pre-Field Expenses 2% of \$335.24 \$6.70

Geochemical Analyses - Chemex \$486.00 *

Preparation of Maps, Reports & Assessment

1. Professional Services: 1 day @ \$200	\$200.00 *
2. Supplies & Secretarial 2% of \$334.30	\$6.69
3. Covers & Map Folders	\$47.00 *
4. Reproduction: 13 x 15 @ 12¢	\$23.40 *
5. Report Bindings	\$15.65 *
6. Map Reproduction	\$76.30 *

Total \$2,299.75

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TELEPHONE (403) 242-5750
242-5750Author's Qualifications

I, Guy Allen, hereby certify:

1. That I am a consulting geologist, residing at 303 Wildwood Drive S.W., Calgary, Alberta;
2. That I have practiced my profession for over nineteen years;
3. That I graduated from the University of Western Ontario in 1957, with the degree of Bachelor of Science in Honours Geology;
4. That I am registered as a Professional Geologist with the Alberta Association of Professional Engineers, Geologists, and Geophysicists;
5. That I am registered as a Professional Engineer (non-resident status) with the Association of Professional Engineers of the Province of British Columbia.

Guy Allen

*Guy Allen*
Expiry Date April 22, 1982



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TELEPHONE (403) 465-9877 TELEX 037-41696

CERTIFICATE OF ANALYSIS

MINERAL • GAS • WATER • OIL • SOILS • VEGETATION • ENVIRONMENTAL ANALYSIS

ALLEN RESOURCE CONSULTANTS

DATE JULY 8, 1981

GEOCHEMICAL ANALYSES, PROJECT RCJ027

PROJECT NO. 0280-1-4238

LOCATION	CU PPM	PK PPM	ZN PPM	CR PPM	AG PPM
C1-A0 S	36.0	5.0	28.0	2.0	-0.1
R	26.0	7.0	58.0	5.0	-0.1
L	25.0	9.0	50.0	9.0	-0.1
C1-A1 SS	16.0	8.0	35.0	7.0	-0.1
R	21.0	7.0	53.0	6.0	-0.1
L	23.0	9.0	55.0	8.0	-0.1
C1-B0 R	16.0	6.0	43.0	6.0	-0.1
L	29.0	6.0	54.0	7.0	-0.1
C1-B1 SS	31.0	6.0	33.0	9.0	-0.1
R	10.0	2.0	36.0	5.0	-0.1
L	21.0	1.0	38.0	3.0	-0.1
C1-C0 SS	36.0	6.0	54.0	7.0	-0.1
R	19.0	7.0	46.0	7.0	-0.1
L	18.0	7.0	40.0	6.0	-0.1
C1-C1 SS	43.0	7.0	97.0	7.0	-0.1
R	45.0	7.0	92.0	5.0	-0.1
L	33.0	10.0	93.0	5.0	-0.1
C1-C2 SS	54.0	13.0	86.0	4.0	-0.1
R	8.0	5.0	21.0	6.0	-0.1
L	41.0	10.0	59.0	7.0	-0.1
C1-C3 SS	9.0	2.0	24.0	5.0	-0.1
R	7.0	4.0	53.0	4.0	-0.1
C1-C4 SS	17.0	6.0	41.0	7.0	-0.1
R	23.0	11.0	62.0	4.0	-0.1
L	24.0	11.0	62.0	8.0	-0.1
C1-0 SS	11.0	3.0	24.0	3.0	-0.1
R	22.0	5.0	18.0	5.0	-0.1
L	29.0	6.0	30.0	6.0	-0.1
C1-1 SS	12.0	5.0	24.0	3.0	-0.1
R	20.0	7.0	25.0	6.0	-0.1
L	41.0	5.0	15.0	8.0	-0.1
C1-2 R	10.0	3.0	12.0	4.0	-0.1
L	6.0	3.0	27.0	2.0	-0.1
C1-3 SS	14.0	7.0	26.0	6.0	-0.1
R	18.0	5.0	54.0	9.0	-0.1
L	7.0	5.0	19.0	6.0	-0.1
C1-4 SS	17.0	7.0	33.0	8.0	-0.1
R	14.0	4.0	56.0	8.0	-0.1
L	27.0	4.0	72.0	8.0	-0.1
C1-5 R	22.0	4.0	27.0	6.0	-0.1

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ALLEN RESOURCE CONSULTANTS

DATE JULY 8, 1981

GEOCHEMICAL ANALYSES, PROJECT RCJV27

PROJECT NO. 0280-1-4238

LOCATION	CU PPM	PB PPM	ZN PPM	CR PPM	AG PPM
C1-5 L	11.0	5.0	30.0	4.0	-0.1
C1-6 SS	16.0	7.0	35.0	5.0	-0.1
R	17.0	7.0	24.0	4.0	-0.1
L	5.0	5.0	24.0	4.0	-0.1
C1-7 SS	8.0	5.0	27.0	5.0	-0.1
R	13.0	5.0	23.0	5.0	-0.1
L	11.0	4.0	24.0	5.0	-0.1
C1-8 SS	9.0	6.0	33.0	5.0	-0.1
R	12.0	7.0	40.0	9.0	-0.1
L	12.0	7.0	58.0	6.0	-0.1
C1-9 SS	10.0	5.0	30.0	6.0	-0.1
R	10.0	4.0	24.0	6.0	-0.1
L	6.0	6.0	22.0	7.0	-0.1
C1-10 SS	15.0	6.0	35.0	10.0	-0.1
R	14.0	7.0	50.0	9.0	-0.1
L	14.0	5.0	27.0	9.0	-0.1
C1-11 SS	12.0	5.0	31.0	8.0	-0.1
R	22.0	10.0	56.0	11.0	-0.1
L	10.0	5.0	32.0	9.0	-0.1
C1-12 SS	8.0	5.0	24.0	8.0	-0.1
R	12.0	9.0	36.0	8.0	-0.1
L	9.0	8.0	34.0	7.0	-0.1
C1-13 SS	11.0	6.0	28.0	9.0	-0.1
R	12.0	10.0	37.0	8.0	-0.1
L	21.0	11.0	72.0	4.0	-0.1
C1-14 SS	13.0	6.0	35.0	8.0	-0.1
R	16.0	10.0	45.0	9.0	-0.1
L	31.0	9.0	35.0	14.0	-0.1
C1-15 SS	12.0	6.0	31.0	12.0	-0.1
R	16.0	10.0	41.0	9.0	-0.1
L	18.0	10.0	61.0	9.0	-0.1
C1-16 SS	11.0	4.0	30.0	9.0	-0.1
R	8.0	10.0	24.0	9.0	-0.1
L	24.0	7.0	29.0	7.0	-0.1
C1-17 SS	12.0	5.0	28.0	9.0	-0.1
R	13.0	3.0	25.0	9.0	-0.1
L	17.0	5.0	31.0	7.0	-0.1
C4-0 SS	27.0	6.0	28.0	11.0	-0.1
R	11.0	6.0	21.0	7.0	-0.1
L	6.0	2.0	16.0	6.0	-0.1

[Signature]



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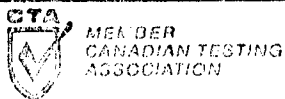
DATE AUG. 14/01

ROCK ASSAY
 PAGE 1 OF 2

PROJECT NO. 0280-1-4590

SAMPLE NUMBER	AU OZ/TON	AG OZ/TON
1751	0.006	0.934
1752	0.009	0.045
1753	0.012	1.353
1754	<0.003	<0.01
1755	<0.003	0.132
1756	<0.003	0.228
1757 RCJV 27	<0.003	<0.01
1758	<0.003	<0.01
1759	<0.003	0.039
1760	<0.003	<0.01
1761	<0.003	<0.01
1762	<0.003	<0.01
1763	<0.003	<0.01
1764	<0.003	<0.01
1765	<0.003	<0.01
1766	<0.003	<0.01
1767	<0.003	<0.01
1768	<0.003	<0.01
1769	<0.003	<0.01
1770	<0.003	<0.01
1771	<0.003	<0.01
1772	<0.003	<0.01
1773	<0.003	<0.01
1774	<0.003	<0.01
1775	0.038	0.558
1776A	0.775	2.358
1776B	0.018	0.512
1801	0.007	0.071
1802	0.016	0.024
1803	<0.003	0.119
1804	1.710	4.732
1805	0.955	7.860
1806	0.215	2.579
1807	0.020	0.128
1808	0.064	0.384
1809	0.041	0.800
1810	0.015	0.152
1811	<0.003	0.028
1812	<0.003	<0.01

Cl Creek, between Stations 13 and 14



Certified by *[Signature]*

FIG 27-2 ROCK CREEK JOINT VENTURE

RCJV 27 CONCENTRATIONS OF ZINC (PPM)

Scale: 1 in. = 50m.

LEGEND

- Station
- Road
- - - Claim Line
- ∨ ∨ Muskeg
- 1S Claim Identification Post
- $\bar{x}+1$ sd
- $\bar{x}+2$ sd
- $\bar{x}+3$ sd

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N

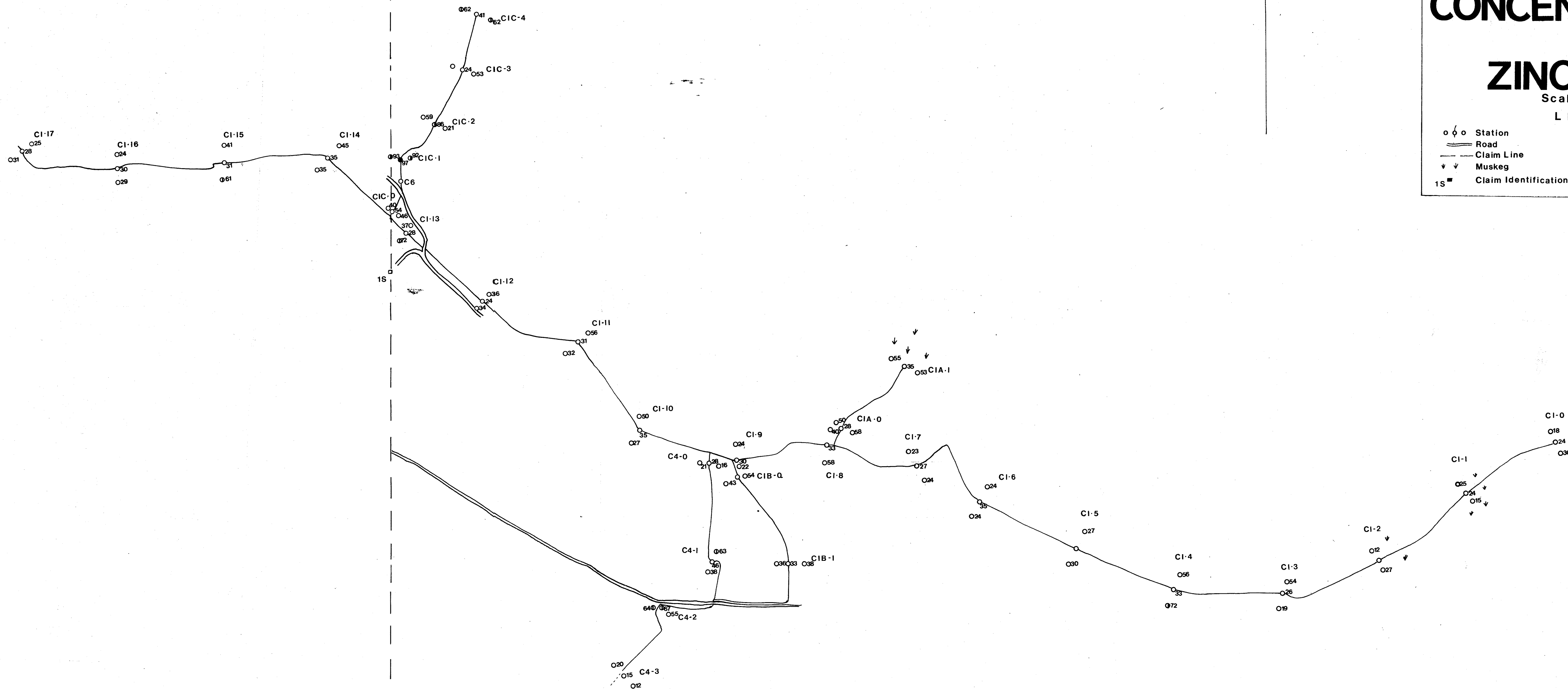


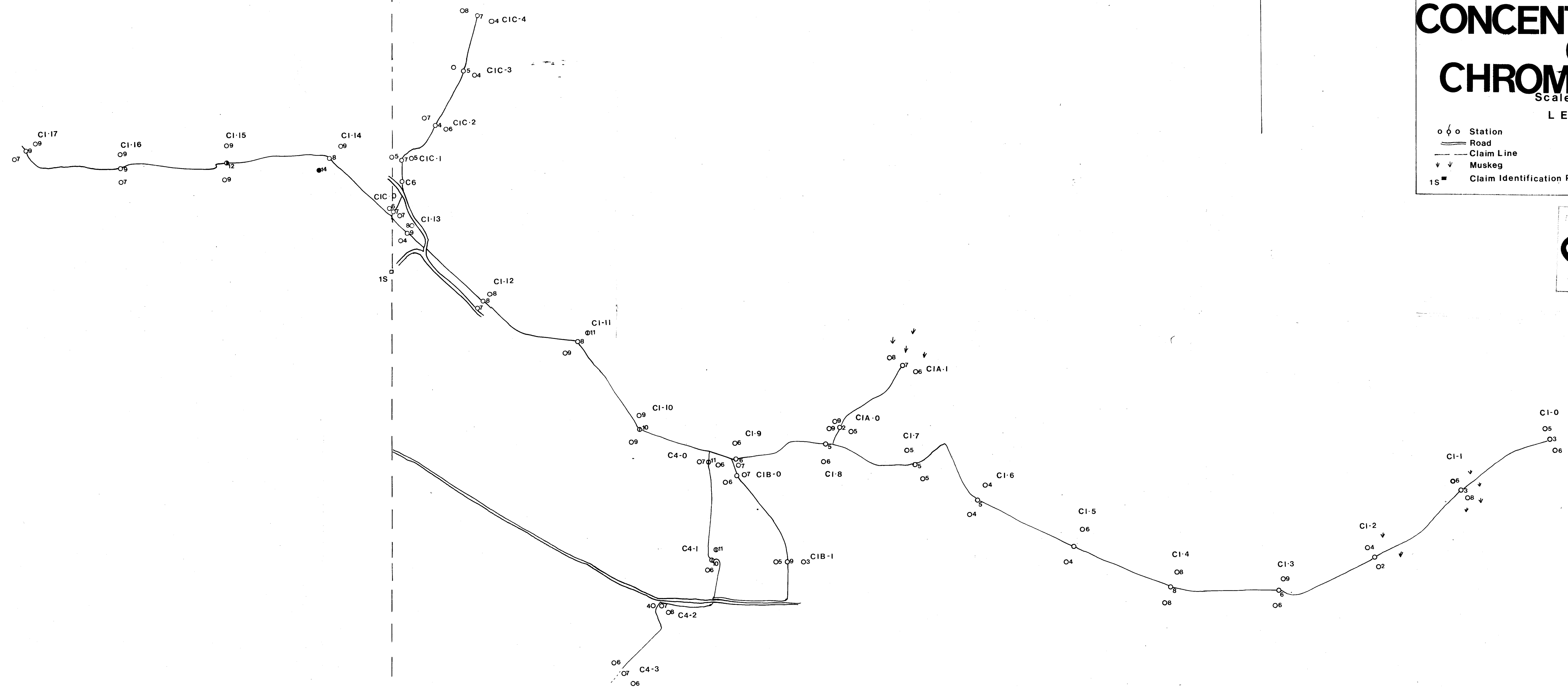
FIG 27-4 ROCK CREEK JOINT VENTURE

RCJV 27 CONCENTRATIONS OF CHROMIUM (PPM)

Scale: 1 in. = 50m.

LEGEND

- o ϕ o Station
- Road
- - - Claim Line
- v v Muskeg
- 1S ■ Claim Identification Post
- $\bar{x} + 1$ sd
- $\bar{x} + 2$ sd
- $\bar{x} + 3$ sd



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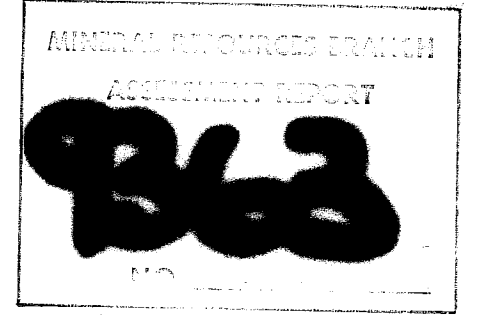
FIG 27-1 ROCK CREEK JOINT VENTURE

RCJV 27 CONCENTRATIONS OF LEAD (PPM)

Scale: 1 in.: 50m.

LEGEND

- Station
- Road
- - - Claim Line
- ∨ Muskeg
- 15 Claim Identification Post
- $\bar{x} + 1$ sd
- $\bar{x} + 2$ sd
- $\bar{x} + 3$ sd



N

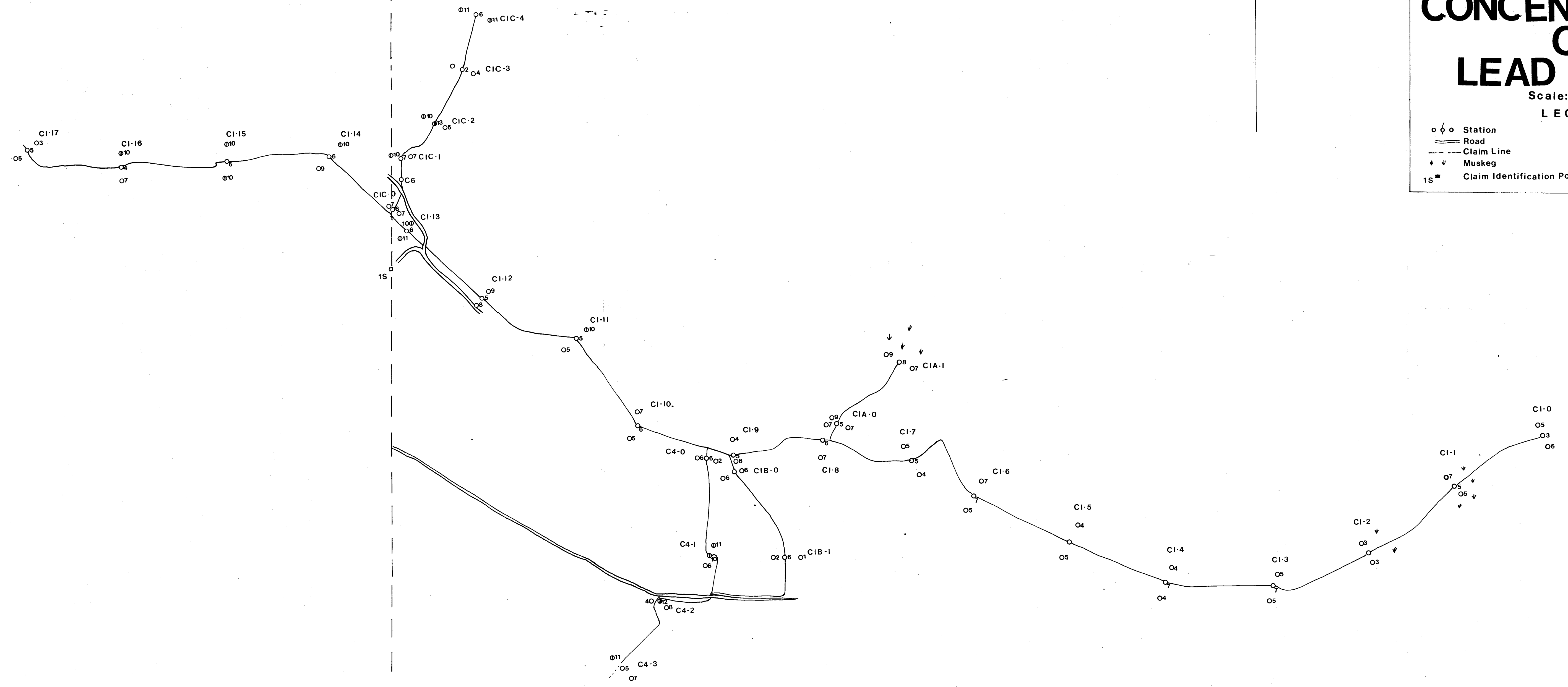


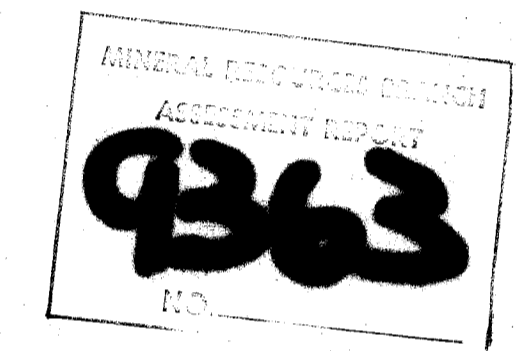
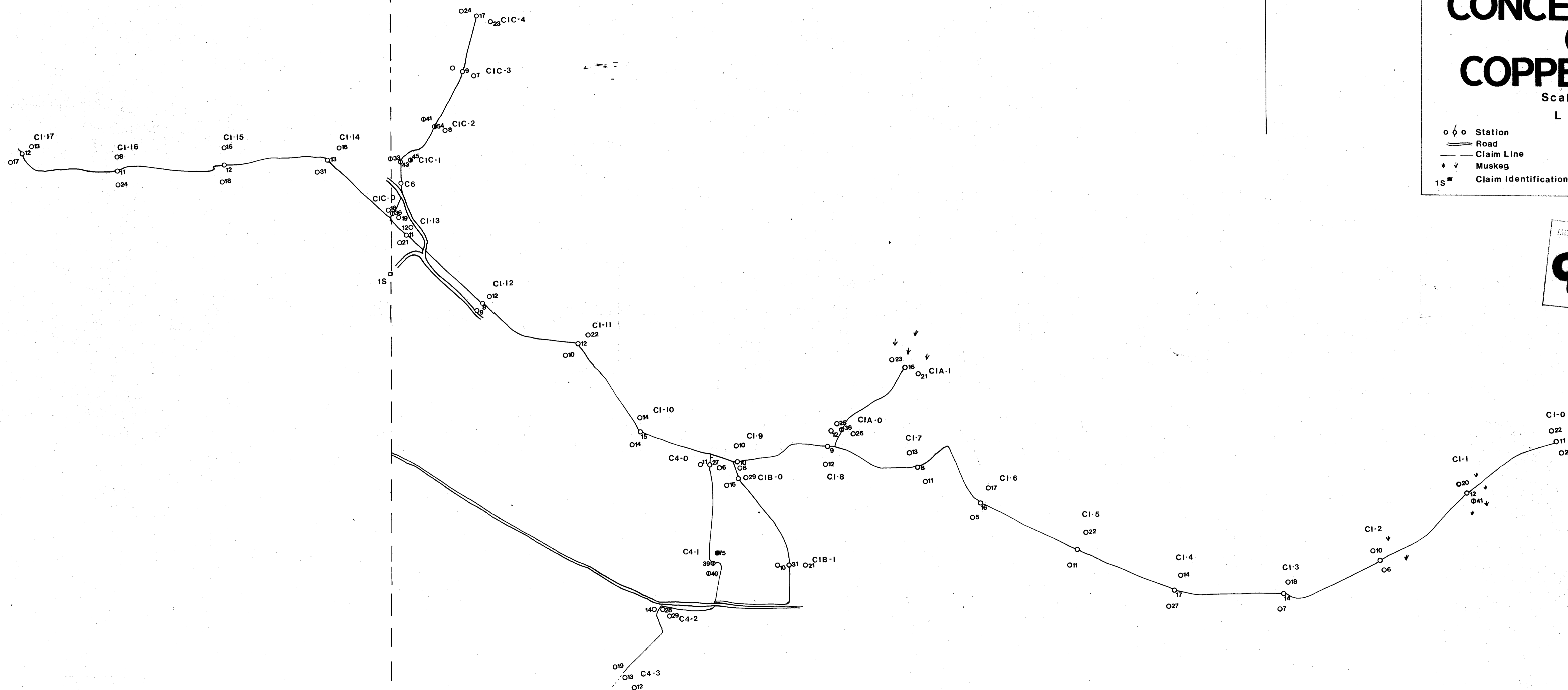
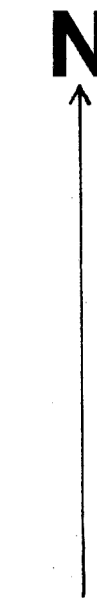
FIG 27-3 ROCK CREEK JOINT VENTURE

RCJV 27 CONCENTRATIONS OF COPPER (PPM)

Scale: 1 in. = 50m.

LEGEND

- Station
- Road
- - - Claim Line
- ∨ ∨ Muskeg
- 1S □ Claim Identification Post
- x+1 sd
- x+2 sd
- x+3 sd



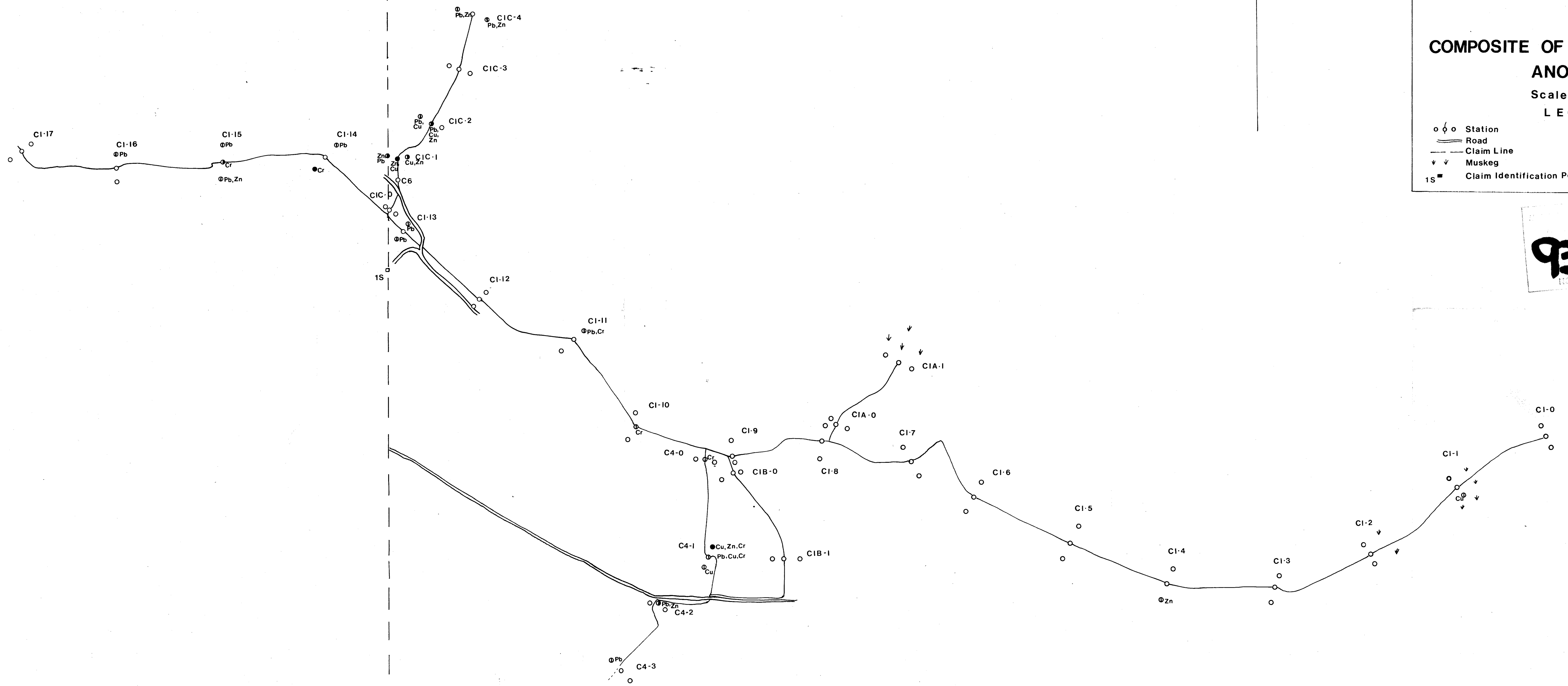
RCJV 27

COMPOSITE OF GEOCHEMICAL ANOMALIES

Scale: 1 in. = 50m.

LEGEND

- Station
- Road
- - - Claim Line
- ∨ ∨ Muskeg
- 1S ■ Claim Identification Post
- $\bar{x} + 1sd$
- $\bar{x} + 2sd$
- $\bar{x} + 3sd$



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