

LOUISE I CLAIMS ASSESSMENT WORKS 1985-1986

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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,425



TYPE OF REPORT/SURVEY(S) Geochemical; Physical	TOTAL COST \$2,329.97
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AUTHOR(S) Rene Trifaux

SIGNATURE(S)

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED

October 6, 1986

YEAR OF WORK 1986

PROPERTY NAME(S)

LOUISE

COMMODITIES PRESENT

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

MINING DIVISION

Cariboo

NTS

93A/13W

LATITUDE

52° 58.8'

LONGITUDE

121° 51.4'

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)]:

LOUISE-1 (10 units)

OWNER(S)

(1) Trifco Minerals Ltd.

(2)

R. Trifaux

MAILING ADDRESS

308 - 751 Clarke Road,

Coquitlam, B.C. V3J 3Y3

FILMED

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

(1) Trifco Minerals Ltd.

(2)

R. Trifaux

MAILING ADDRESS

308 - 751 Clarke Road,

Coquitlam, B.C. V3J 3Y3

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

The claim is underlain by Upper Triassic argillite, slaty argillite and quartzite.

phyllite,

Soil geochemistry identified elevated multielement values

REFERENCES TO PREVIOUS WORK

INTRODUCTION

ACCESS TO CLAIMS, LOCATION, GEOGRAPHIC

The property is located in the Sovereign Creek area, 39 Km South-east of Quesnel at a latitude of 52° 59' 30" North and a longitude of 121° 53' 30" East on N.T.S. Map - Sheet 93A/13

ACCESS TO THE PROPERTY

Access to the claims is via the Barkerville Road from Quesnel for 29 Kms (approximately) to the bifurcation of the Swift Forestry Road No 1300.

The Swift River Forestry Road is an all weather, secondary road, on it are branching several logging roads which are all detemined by a numeral sign with one letter of the alphabet at each bifurcation with the main road.

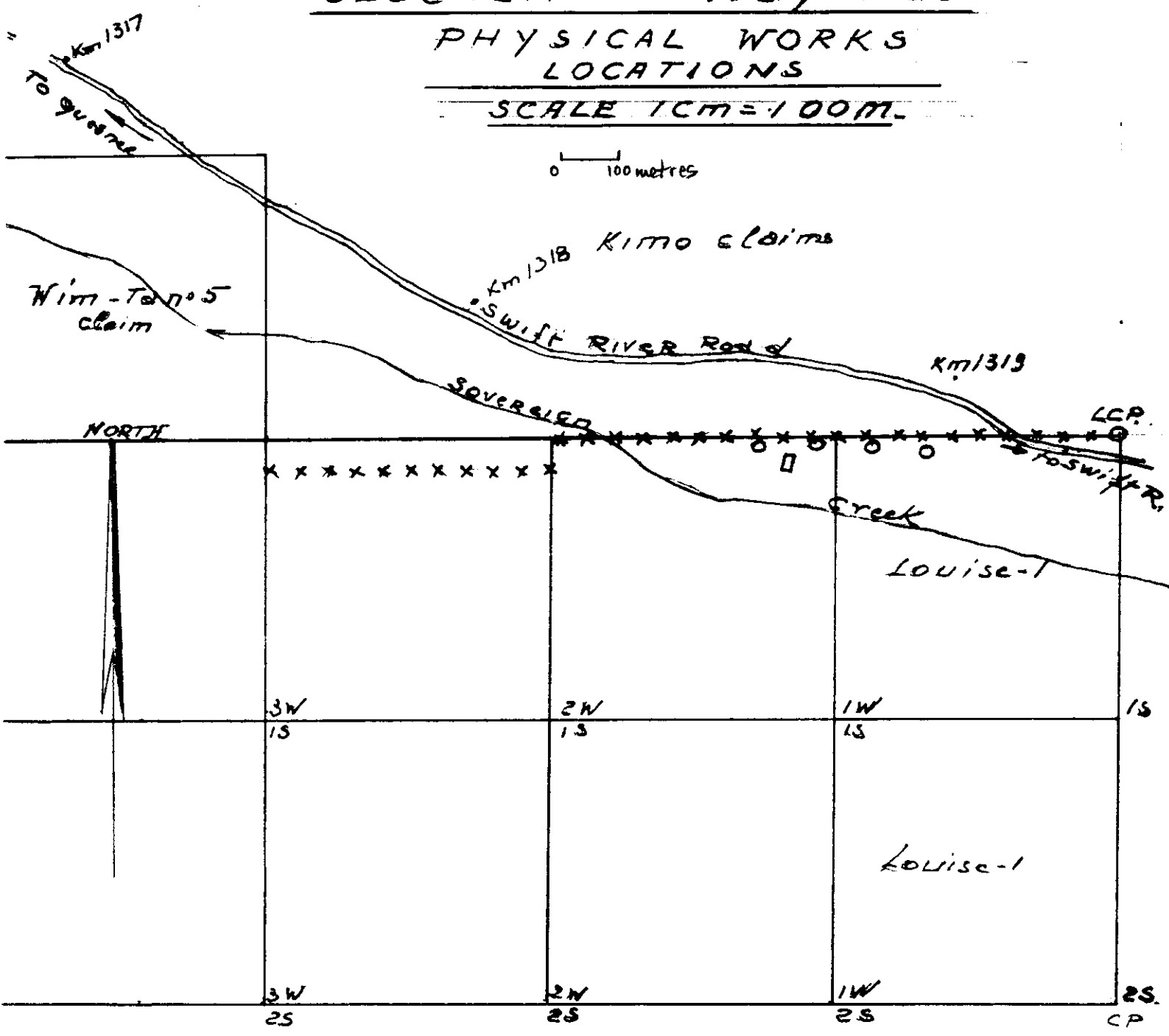
The Louise claims northern limit is on the northern edge of the Swift River Road.

PHYSIOGRAPHY

Also the claims are situated on the east flank of the Sovereign Mountain between 3550 and 3650 feet in elevation approximately. Local relief in Quesnel is 650 M (2100 feet). The Sovereign creek on the claims is situated 65 to 70 meters below the road level and on the south side of the said road. The banks are quite steep but the flat is quite large. The Sovereign Creek forms with the Reddish Creek marshes, quite an extensive flat which has never been prospected by pit digging, to our knowledge. Outcrop conditions are very poor because of glacial drifts in the areas.

On the left bank schists are seen here and there, very platy with a clay like composition, but the beds are not extensive. The bed rock is seen no where on the Louise 1 claims.

) LOUISE CLAIM)
GEOCHEM SURVEY 1986
PHYSICAL WORKS
LOCATIONS
SCALE 1CM=100M.



LEGEND (MAP, no 1)
xxx - LINE WITH PITS (Geochem)
oo - DIGGING FOR PAINTINGS
□ Digging FOR NATURE OF GRAVELS

[Signature] September 1986

OBJECT OF THE PRESENT WORKS

Geochemistry soils survey - From the legal post related to the Louise claims, a straight line going in a westerly direction, measuring 950 M has been subdivided and staked every 50 M to make the first part of the survey. From the 950 M stake, 50 M lower in a southerly direction, a second line with a distance of 450M has been subdivided and staked every 50 M on the line, for a total number of 30 pits where the samples were taken.

The two lines are below the north line of the Louise claims. The 7th pit is situated below the Road sign No 1319, of the Swift River Forestry Road. The first line terminates with 3 pits situated on the left bank of the Sovereign Creek. The other ten pits, on the second line is completely on the left bank and reaches the bottom of the slopes making the mountain on this bank. All the stakes are numbered from L1.LA.00 to L1.LA.1450M.

This geochemical survey is done as a follow up to know the metals on the north of the claims, to see if any correlation exists with the previous surveys. Here also we are looking for the elements necessary to establish the possibility of a gold signature.

We took 30 samples of soils on the base line and asked for 210 analyses. The results are encouraging and confirm the elements found previously in the flats and on Kimo claims.

GEOLOGY

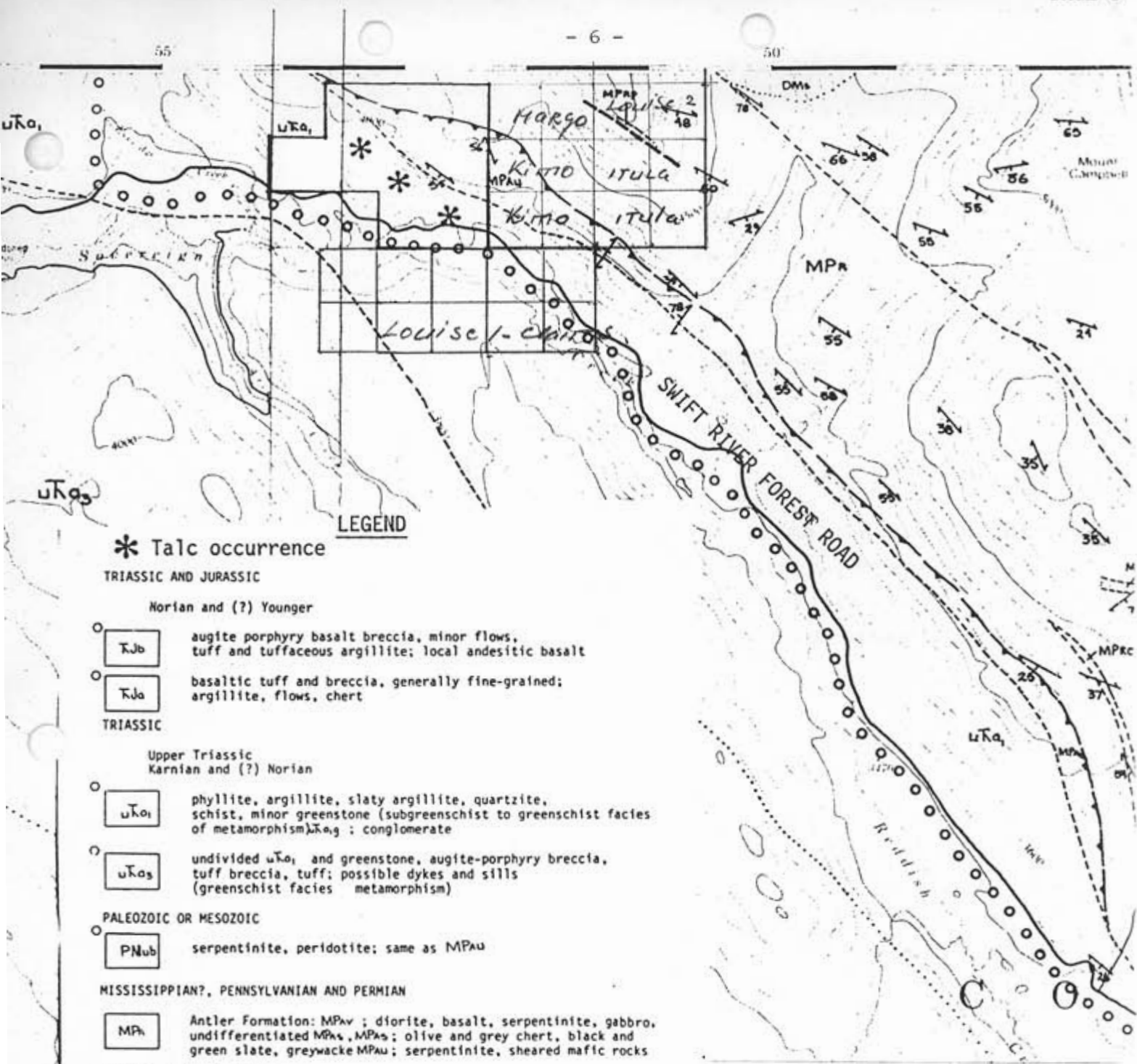
NOTE: See last report for schists found in the Sovereign Creek.

We know that on the Kimo claims, situated directly above the Louise claims, a breccia exists containing some platy schists seen on the left bank of the Sovereign Creek.

We are looking if in the materials tht we are investigating some relationships exist between the two properties. We know that the breccia stratigraphy has a west/north-west trend approximately.

We also know that directly above the legal post of the Louise claim, in the Kimo claims the last formation of ultramafic rocks exist. Not one boulder of the ultramafic variation has been seen.

No micaceous formations exist here, no quartzites. The outcrops are nearly non-existent except on the south of the claims and they are mainly schistose.



LEGEND

* Talc occurrence

TRIASSIC AND JURASSIC

Norian and (?) Younger

- KJb agite porphyry basalt breccia, minor flows, tuff and tuffaceous argillite; local andesitic basalt
- KJa basaltic tuff and breccia, generally fine-grained; argillite, flows, chert

TRIASSIC

Upper Triassic
Karnian and (?) Norian

- uKa phyllite, argillite, slaty argillite, quartzite, schist, minor greenstone (subgreenschist to greenschist facies of metamorphism); conglomerate
- uKa3 undivided uKa1 and greenstone, agite-porphyry breccia, tuff breccia, tuff; possible dykes and sills (greenschist facies metamorphism)

PALEOZOIC OR MESOZOIC

- PNub serpentinite, peridotite; same as MPau

MISSISSIPPIAN?, PENNSYLVANIAN AND PERMIAN

- MPa Antler Formation: MPav; diorite, basalt, serpentinite, gabbro, undifferentiated MPas, MPas; olive and grey chert, black and green slate, greywacke MPau; serpentinite, sheared mafic rocks

MISSISSIPPIAN ? TO PERMIAN ?

- MPe Ramos Creek Succession: olive and grey micaceous quartzite, phyllite and slate, limestone, metatuff? MPea; phyllite, schist, quartzite, calc-silicate rocks MPec; limestone, calcareous quartzite, phyllite MPed; black siltite and slate, may be equivalent to DMs, MPec; green olive and grey slate and phyllite, olive-grey greywacke, may be in part equivalent to Hq.

DEVONIAN ? AND MISSISSIPPIAN ?

- DMs black siltite and phyllite, grey micaceous quartzite, limestone, minor metatuff? DMsb; greywacke, muddy conglomerate DMbg; quartzite clast conglomerate, quartzite DMsc; limestone, minor dolostone DMsd; grey micaceous quartzite, dark grey phyllite DMse; quartzite, minor conglomerate DMsw; interbedded grey slate and green metatuff in part calcareous

- Hq grey and olive fine micaceous quartzite, and phyllite, minor marble Hqc; marble, phyllite Hqp; grey and green phyllite, minor olive quartzite Hqq; white to dark grey quartzite

- HP undifferentiated Hvt to MPk, mainly DMs to MPo

Regional Geology

SOVEREIGN Mtn.

LOUISE-1. CLAIMS.

NTS. 93A/13W

Scale: 1/50,000.

Hole no	Depth	Colour	Nature of Soils	Remarks
FIRST LINE				
LI-LA+00	9"	rusty brown	sandy gravel	The nature of the material is generally with sand in all the pits.
LA+50	8"	rusty brown	sandy	The clay appearance is in the flat of the Sovereign Creek mostly and the material becomes sandy as soon as the pit reaches a higher elevation.
+100	8"	rusty brown	sandy	
+150	8"	gray brown	gravel	
+200	7"	gray brown	gravel	
+250	10"	gray brown	sandy	
+300	8"	light brown	sandy	
+350	8"	light brown	sandy	
+400	8"	light brown	sandy	
+450	8"	grey brown	gravel	
+500	8"	brown	sandy loam	
+550	8"	grey brown	sandy	
+600	8"	brown	sandy	
+650	8"	brown	sandy	
+700	8"	grey brown	gravel	
+750	8"	brown	clay gravel	
+800	8"	grey brown	sandy clay	Flat
+850	8"	grey	clay	Flat
+900	8"	light brown	sandy	Flat
SECOND LINE				
+950	8"	grey	clay	Flat
+1000	8"	light brown	sandy gravel	Flat
+1050	8"	grey	sandy clay	Flat
+1100	8"	brown	clay	Flat
+1150	8"	grey brown	clay-gravel	Flat
+1200	8"	grey	clay	
+1250	8"	light brown	sandy clay	
+1300	8"	dark brown	sandy gravel	
+1350	8"	dark brown	sandy	
+1400	8"	dark brown	sandy gravel	
+1450	8"	grey	sandy gravel	

Geochemistry

Results in the Analyses

Survey in soils in the flat for 1984-1985 period. In the flats we had the following results in the analyses.

	<u>Ag</u>	<u>Cu</u>	<u>Mo</u>	<u>Sb</u>	<u>Zn</u>		<u>Ag</u>	<u>Cu</u>	<u>Mo</u>	<u>Sb</u>	<u>Zn</u>
L1-00	1.2	21	6	4	60	L2-00	1.4		9	6	100
1-80	1.0	37	14	7	134	-80	1.5	N	6	4	61
1-160	1.1	26	9	6	101	-160	.5	O	3	1	29
1-240	1.5	39	12	7	123	-240	1.0		7	5	76
1-320	1.3	30	8	5	90	-320	1.1	H	20	8	165
1-400	1.4	29	7	4	66	L2-400	1.0	I	9	5	72
1-480	1.0	27	9	6	94	-480	.8	G	8	6	76
1-560	.9	16	8	6	74	-560	.6	H	8	5	74
1-640	1.0	11	6	3	48	-640	1.7		13	8	124
1-720	1.1	18	8	5	65	-720	1.1	V	11	7	108
1-800	1.2	33	13	7	78	L2-800	2.2	A	12	8	118
1-880	.9	19	8	5	56	-880	1.7	L	11	5	96
1-960	.6	6	2	1	19	-960	1.4	U	12	7	126
1-1040	1.4	10	4	2	40	-1040	1.2	E	12	8	134
1-1120	1.1	11	3	1	56	-1120	1.5		9	6	90

The samples have been taken at 80m interval in the flat of the creek and the following results were obtained.

Ag - 30 samples. 26 anomalous. 80.6 equal or above threshold.

Cu - 30 samples. No anomaly.

Mo - 30 samples. 26 anomalous. 80.6 equal or above threshold.

Sb - 30 samples. 22 anomalous. 73% equal or above threshold.

Zn - 30 samples. 7 anomalous. 23% equal or above threshold.

The above results were outstanding for Ag, Mo, Sb.

Geochemistry (continued)

	<u>Aq</u>	<u>As</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>Au</u>	<u>Hg</u>
L1A-00	1.1	21	21	52	67	5	60
-50	.9	1	12	26	37	10	50
-100	1.0	17	29	51	60	10	60
-150	.8	11	32	52	73	5	65
-200	1.0	1	26	38	54	5	55
-250	1.0	1	32	42	56	10	75
-300	.9	1	17	30	45	5	15
-350	.7	2	26	41	51	5	35
-400	.6	1	20	42	67	5	40
-450	1.1	3	19	42	80	5	50
-550	.8	2	26	48	65	5	50
-600	.6	2	17	54	76	3	35
-600 pulp	.7	1	24	42	60	5	30
-650	1.0	6	25	56	81	5	30
-700	.7	1	21	45	59	5	25
-750	.8	3	33	51	104	5	40
-800	.9	2	32	44	119	5	140
-850	.8	8	32	50	153	5	140
-900	1.1	1	25	46	69	5	70
-950	1.5	28	46	64	267	5	90
-1000	1.2	12	43	16	180	10	135
-1050	.6	5	28	12	68	5	50
-1100	1.6	6	42	17	83	5	60
-1150	1.1	8	44	20	88	5	145
-1200	1.2	16	67	24	129	5	150
-1250	1.7	20	72	22	185	5	385
-1300	1.4	19	76	21	125	5	115
-1350	1.5	21	60	23	90	5	90
-1400	1.4	14	47	18	91	5	55
-1450	1.5	15	62	15	104	10	30

30 samples	20	12	x	25	7	5	29
threshold	.9	12 ppm	80	20	112		23ppb

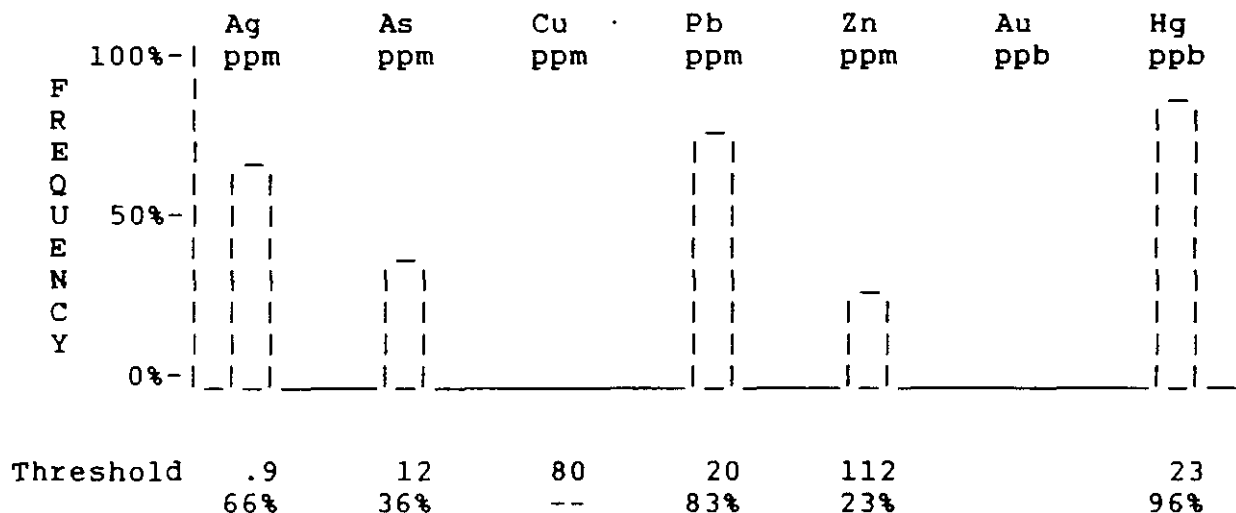
Geochemistry (continued)

The results of the survey during 1986 are good.

On 30 samples.

Ag - has 20 samples equal or higher than 9 ppm threshold	66%
As - has 11 samples equal or higher than 12 ppm threshold	36%
Cu - has not one sample. Anomalous	0%
Pb - has 25 samples equal or higher than 20 ppm threshold	83%
Zn - has 7 samples equal or higher than 112 ppm threshold	23%
Hg - has 29 samples equal or higher than the 23 ppb threshold	96%

Histogram. Geochem 1986



Notes

Au The presence of gold has been detected in all samples. 5 of them with 10 ppb, which is always high in any survey.

Geochemistry (continued)

We know and we have seen very fine gold in the Sovereign Creek. We have seen the results of clean-up in the creek and the pans were impressive with the fine particles of the precious metals.

We panned the gravel in the flat in the Louise claims but we didn't see any visible gold in the pans, in previous surveys. We also panned the gravel on the right bank of the creek this year, at a higher level than the flat and we didn't see any visible gold. But the presence of gold is a fact very well established in the 1986 soil Geochemical Survey.

Not only gold has been detected but it is associated in mineralized areas which have been described in the reports on the Margo-Louise 2 claims, in the Kimo claims area, in the ^{Jt} Mula claims, and we know the existence of 2 placer mines on the Sovereign creek.

Not only have we found gold in the soils but we found a certain signature to it, which is the presence of Ag, As, Cu, Pb, Zn, & Hg. The presence of base metals found here is incomplete relative with the base metals found on the Kimo claims area.

Geochemistry (continued)

The presence of ultramafic rocks above the flats of the Sovereign creek in this area (right bank), show that gold is associated with them. We know already that the ultramafic content of gold^{is} up to .02 oz in places, on the right bank of the creek.

We also know that hydrothermal fluids deposited on the Kimo claims contains Kaolins with gold in them (some with 68 ppb). The Kaolin are situated 400m above the gravels of the right bank in the Kimo claims.

Gold is the best indicator of gold deposits and its presence in all the samples of the survey is quite encouraging.

We also know that the gold presence on the Margo-Louise 2 claims are definitely associated with Molybdenum with values of 15 ppm. The presence of copper on the Kimo claims, above this survey reaches 182, 241 ppm., Co is present in 45, 57, 59, 82 ppm. Bismuth with values up to 63 ppm.

Geochemistry (continued)

Mo here has been seen with values up to 34 ppm. Pb, Sb, Zn, have anomalous values. On Hula claims on the right bank of the Sovereign creek anomalous values of the following metals have been analyzed.

Ag. up to 2.5 ppm

As. up to 551 ppm

Bi. up to 105 ppm

~~Cd~~. up to 8.2 ppm

Co. always present

Cu. always present

Mo. up to 80 ppm

Pb. up to 107 ppm

Sb. up to 43 ppm

Zn. up to 1220 ppm

Au. 10, 15, 20 ppb

Hg. up to 60 ppb

Geochemistry (continued)

Rocks samples collected in these areas contained Pb, Zn, Mo, Cu, Ag, and Gold is detected in some rock samples. The Gold signatures of the formation above the survey done this year on the right bank of the Sovereign creek contained:

Ag, As, Bi, Cd, Co, Mo, Pb, Sb, Zn, Hg

In the survey we found the following:

Ag, As, Cu, Pb, Zn, Hg, Au

We can say that some characteristic trace elements exist in our survey

As, Pb, Zn, Hg

From the detecting of Ag and Au, it seems that silver is highest in the observations and seems to point out at an epithermal prospect above in and lower the survey.

Trenching is the next method of investigation in this area and the other claims.

The ~~pre~~ persistence of the characteristic trace elements on a vast area is indicative of good mineralizations and more works will be done.

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project L1-86 Date of report Oct 24, 1986.

File No. 6-1031 Date samples received Oct 17, 1986.

Samples submitted by:

Company: Trifco Minerals

Report on: 10 soils Geochem samples

Assay samples

Copies sent to:

1. Trifco Minerals, Coquitlam, B.C.
2.
3.

Samples: Sieved to mesh -80 Ground to mesh

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: Cu, Pb, Zn, Ag, As-nitric, perchloric digestion. A.A., Au-wet. AA
Hg-flameless A.A.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

(VALUES IN PPM)	AG	AS	CU	PB	ZN	AU-PPB	HG-PPB
L1A-00	1.1	21	21	52	67	5	60
L1A-50	.9	1	12	26	37	10	50
L1A-100	1.0	17	29	51	60	10	60
L1A-150	.8	11	32	52	73	5	65
L1A-200	1.0	1	26	38	54	5	55
L1A-250	1.0	1	32	42	56	10	75
L1A-300	.9	1	17	30	45	5	15
L1A-350	.7	2	26	41	51	5	35
L1A-400	.6	1	20	42	67	5	40
L1A-450	1.1	3	19	42	80	5	50
L1A-550	.8	2	26	48	65	5	50
L1A-600	.6	2	17	54	76	3	35
L1A-600DUPL	.7	1	24	42	60	5	30
L1A-650	1.0	6	25	56	81	5	30
L1A-700	.7	1	21	45	59	5	25
L1A-750	.8	3	33	51	104	5	40
L1A-800 40M	.9	2	32	44	119	5	45
L1A-850	.8	8	32	50	153	5	140
L1A-900	1.1	1	25	46	69	5	70
L1A-950	1.5	28	46	64	267	5	90

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project L-1-86 Date of report Oct 15, 1986.

File No. 6-924 Date samples received Oct 3, 1986.

Samples submitted by: R. Trifaux

Company: Trifco Minerals Ltd.

Report on: Geochem samples

Assay samples

Copies sent to:

1. X Trifco Minerals, Coquitlam, BC.
2.
3.

Samples: Sieved to mesh -80 Ground to mesh

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: 5 element trace ICP. Hg-flameless A.A., Au-wet.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM


Company: TRIFCO MINERALS
 Project: L1-B6
 Attention: R. TRIFAUX

File: 6-1031
 Date: OCT 24/86
 Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	HG PPB	AS PPM	AU-WET PPB
L1-LA+1000	43	16	180	1.2	135	12	10
L1-LA+1050	28	12	68	0.6	50	5	5
L1-LA+1100	42	17	83	1.6	60	6	5
L1-LA+1150	44	20	88	1.1	145	8	5
L1-LA+1200	67	24	129	1.2	150	16	5
L1-LA+1250	72	22	185	1.7	385	20	5
L1-LA+1300	76	21	125	1.4	115	19	5
L1-LA+1350	60	23	90	1.5	90	21	5
L1-LA+1400	47	18	94	1.4	55	14	5
L1-LA+1450	62	15	104	1.5	30	15	10

Certified by _____


 MIN-EN LABORATORIES LTD.

Summary of Expenditures

<u>Geology</u>	Rocks Location, determined	\$50.00	
	time. map-cross section	60.00	
	Cross section.	60.00	

		170.00	\$170.00
<u>Geochemistry</u>	Cleaning samples	80.00	
	Location of samples	30.00	
	Cups to lab, preparation	105.00	
	of orders.	-----	
		215.00	215.00
Min-En Laboratories.	Invoice 2647B	17.75	
	Invoice 2663B	297.00	
	Invoice 2772B	180.50	

		495.25	495.25
Costs - A. Fardal & R. Trifaux			445.00

	SUB-TOTAL.....		\$1,325.25
<u>Physical</u>	7 pans in gravels + digging & washing		
	7 x \$20.00 =		140.00
<u>Miscellaneous</u>	Lodging	151.90	
	Meals	39.37	
	Report. Draft	300.00	
	Stationary, Ribbons,	60.00	
	Typewriter, Files.		
	Typing, cover, misc.	250.00	
	Fardal	8.45	

		809.72	809.72
Tools, stakes, paint, theads (topolite) bags			55.00

	TOTAL.....		\$2,329.97
			=====

Summary of Expenditures (continued)

Time, Mileage, Meals:

R. Trifaux. Time 15.5h x \$20.00 =	\$310.00
G. Fardal. Time 12h x \$10 =	120.00
Mileage. 164 x 0.25 = 41.00 (Fardal)	41.00
Mileage. Trifaux	4.00
Meals. Trifaux (field) 7.5 x 4 =	30.00

	\$505.00
	=====

The amount of \$505.00 is distributed as follows;

Geology.	\$ 60.00
Geochemistry	445.00

	\$505.00
	=====

Expenses - R. Trifaux

<u>Dates</u>	<u>Brief Description</u>	<u>Time</u>	<u>Mileage</u>	<u>Meals</u>
07-06	Discovery of black schists above the culvert on the main road. Look for outcrops in the right bank of the Sovereign creek. Gravels are marking the outcrops.	3	10	1
09-06	Checked the nature of the gravels on the main road. Generally very sandy.	1	10	
16-06	Checked the gravels on the main road. Nature panning.	1	10	
17-06	Checked the gravels on the main road. Nature panning.	1	10	
18-06	From creek gravels on the south side of the claims. Nature. breccia? Sovereign Creek-panning left bank. Road 13H nature of gravels.	4	10	1
20-06	Location of new geochem survey with Arne Fardal. Asked for the stakes at each pit, flagging.	3	10	1
22-06	Diggings underneath the road to find nature of gravels, their textures, their colours. (Hydrothermal, alterations all over)	1.5	10	1
23-06	Panning 32m west of the road, 25m south of the above point for precious metal.	1	10	

		15.5	80	4

15.5 hours x \$20.00 = \$310.00
 80 kilometers x 0.20 x 0.25 = 4.00
 4 meals x \$7.50 = 30.00

 TOTAL \$344.00
 =====

Expenses - A. Fardal

01-08-86	5 hours x \$10.00 =	\$ 50.00
	82 kilometers x 0.25 =	20.50
01-05-86	7 hours x \$10.00 =	70.00
	82 kilometes x 0.25 =	20.50
	Sub Total	\$ 161.00

Miscellaneous Expenses - Stakes
Invoice no 140-304

8.45

TOTAL

\$ 169.45
=====

STATEMENT OF QUALIFICATIONS

EDUCATION

1. Tamines School of Mines, Belgium. 2 years - diploma
2. Chatelineau School of Mines, Belgium. 2 years - diploma
3. University of Charleroi, Hainaut, Belgium. 1 year mining, geology, mining technologies, reports. 1 certificate

The copies of diplomas and certificates have been presented to the Cariboo Mining Division with my 1977-1978 statement of works in Quesnel, Cariboo.

4. I passed successfully the test of rocks and mineral identification with a mining engineer from the Department of Mines in 1978, in Robson Square, Vancouver.
5. Cost accounting (2 years) with McMaster University in Ontario.

EXPERIENCE

I have extensive experience in exploration and mining from Zaire (previously Belgian Congo) and from Ruanda - Burundi in Central Africa.

1. "La Compagnie Des Grands Lacs Africains" Brussels from Belgium. Minerals mined were cassiterite, columbite, gold and increase of reserves by exploration of benches in the creeks.
2. "La Compagnie Mirudi" affiliated company of the Grands Lacs Africains Company, Brussels, Belgium. (Cassiterite, Colombo - tantalites, gold ores). Localities: Mokoro, Musumba, Mutwe-Niamdo.
3. Mr. R. Henrion, Explorations Minieres in Central Africa, Busoro, Ruanda on Kivu Lake. (Cassiterites, Wolframites, Beryllium ores)
4. DeBorchgrave Mines d'Etain, Kigali, Ruanda. Open pit, underground mines of cassiterite, columbites.

I was successful in exploring the granitic massif of Central Ruanda-Burundi. I described my method of exploration in the 1977-1978 report (assessment works) related to the distances between lines and pits, flying prospecting, and systematic with calculations of zones of influence and reserves in placers. I opened several mines in gold, cassiterite, columbite, plotting and establishing the hydraulic works, worked in open pit and underground. I established topographical maps showing the locations of my discoveries.

I started prospecting in British Columbia in 1959 for gold placer in the Cariboo Mining Division for a company. Today I have claims containing precious metals, base metals and industrial minerals. I do my geochemical surveys in silt, soils and rocks for my reconnaissance and systematic prospecting and orient my works according to the results of such surveys.

Beneficiation studies of some industrial mineral products have been done by the Ontario Research Foundation.

I am a member of the Canadian Institute of Mining and Metallurgy (CIM) and the Chamber of Mines of British Columbia. I buy my literature from the Department of Mines of B.C. and Ottawa and from the Geological Survey of Canada, in Vancouver. I have subscriptions to the Engineering and Mining Journal, CIM Bulletin, Chemical Week and Northern Miner. I keep informed with different publications from private and government organizations.

I consult with professionals and use the most up to date prospecting equipment available to prospectors (topolite, geiger counter, mineral light, stereoscope, small microscope, altimeters etc.)

I learned very useful informations on the industrial minerals from the Ontario Research Foundation, related to talc, graphlite, calcium carbonate, wollastonite etc. I am engaged in the research of miscellaneous industrial minerals which will be needed in the following years and the following century.

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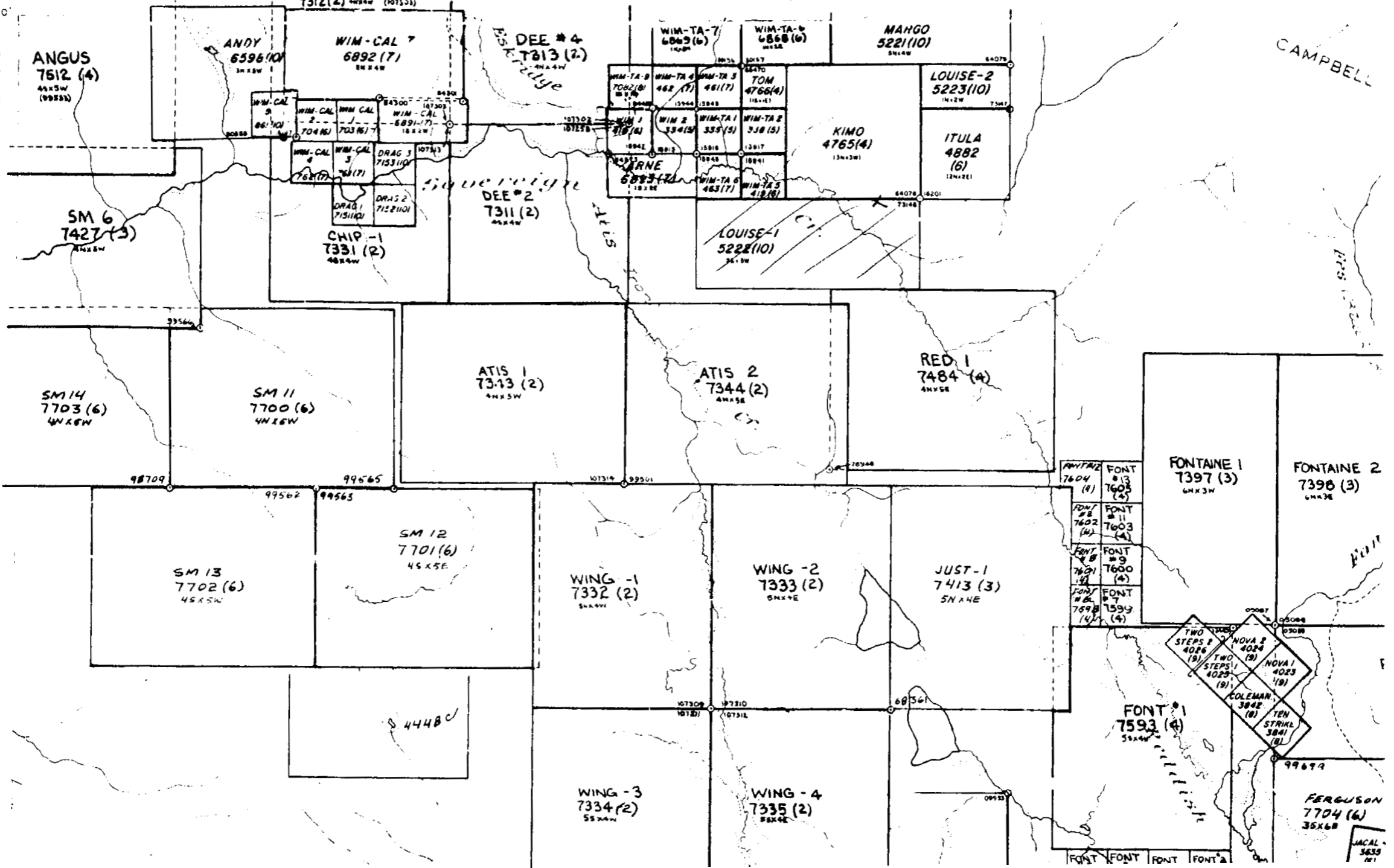
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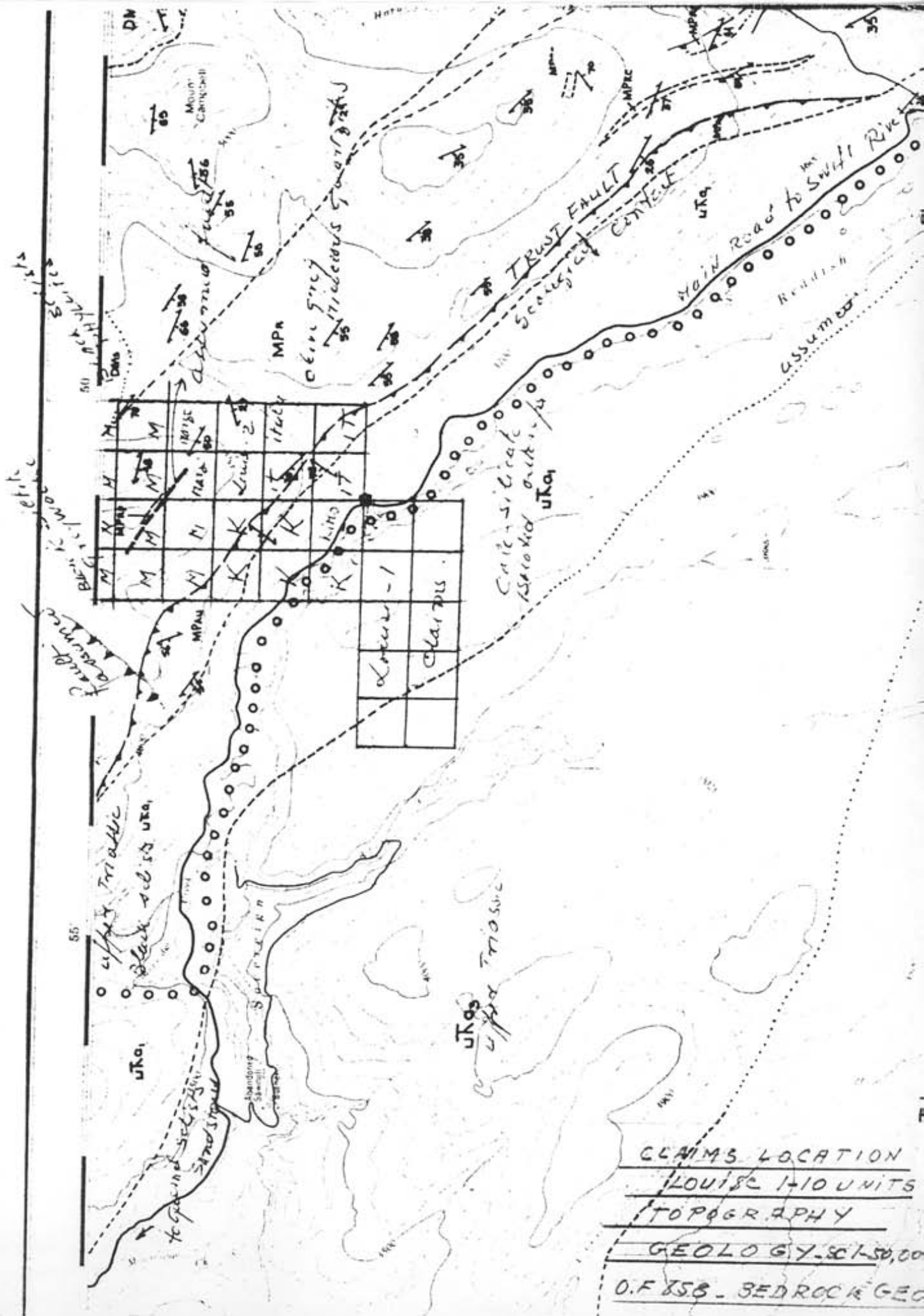
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