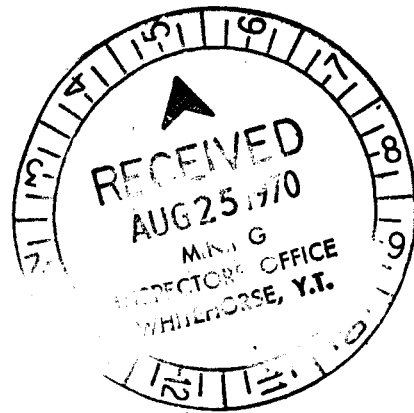




REPORT on the TINTA GROUP of CLAIMS

COIN CANYON MINES LTD.

115-I-7, Whitehorse M.D., Yukon



by

G.C. Gutrath, P. Eng.

August 13, 1970

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of

\$1139

*D.B. Craig*

~~Deputy Geologist or  
Registered Mining Engineer~~

Considered as representation work under Section 58 (2) of the Quartz Mining Act.

*[Signature]*

Commissioner of Yukon Territory

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REPORT on the TINTA GROUP of CLAIMS

COIN CANYON MINES LTD.

115-I-7, Whitehorse M.D., Yukon

1. INTRODUCTION

The purpose of this report is to evaluate the results of a geochemical soil sampling survey conducted by Hans Hummel, James E. Murphy, Dennis Smith and Henry Broeren; supervised by R.L. McKamey of Whitehorse, Yukon. The survey was carried out in September of 1969.

2. PROPERTY, LOCATION, ACCESS

The property consists of Tinta 1 - 26 inclusive.

Grant numbers are as follows:

<u>Claims</u>	<u>Grant Numbers</u>	<u>Expiry Date</u>
Tinta 1 - 2	Y10054 - Y10055	Aug. 22, 1971
Tinta 3 - 4	Y10056 - Y10057	Aug. 22, 1970
Tinta 5 - 8	Y20626 - Y20629	Nov. 10, 1970
Tinta 9 - 15	Y24745 - Y24751	May 21, 1971
Tinta 16	Y24752	Aug. 21, 1970
Tinta 17 - 18	Y25329 - Y25330	Oct. 4, 1970
Tinta 19 - 26	Y26024 - Y26031	Sept. 11, 1970

Tinta 1 - 8 are held by Coin Canyon Mines Ltd., under option from Canex Aerial Explorations Ltd.; the others are owned outright by Coin.

The claims are on Map Sheet 115-I-7, at about Lat. N 62° 17' and Long. W 136° 58', and from 3,300' to 4,100' elevation.

The Tinta claims are about 24 airmiles northwest of Carmacks, Yukon and surface access is by a good gravel road following Crossing Creek to Mile 32 where a tote road, requiring a four-wheel drive vehicle passes through the Tinta Group at about mile 6.

The claims are located in an area of domed ridges covered with scrub balsam and willows. A number of creeks originate on the slopes of the ridges.

Rainfall is about 20" annually with about 4 feet of snow during the winter.

Permafrost prevails for a depth of several hundred feet in some locations. Portions of the south-facing slopes may not be affected by permafrost.

### 3. HISTORY

- 1931 - Staked during the rush following F. Guder's discovery of a gold vein on Free Gold Mountain.
- 1958 - Ground acquired by Conwest, who did bulldozer trenching.
- 1960 - Conwest drilled five holes totalling 1,344.5' and allowed the claims to lapse.
- 1966 - Staked by Canex Aerial Explorations, who conducted an E.M. - 16 Survey and a geochemical soil survey.
- 1968 - Silgold Mines Ltd. purchased Tinta 9 to 18 from G. Gutrath, R.L. McKamey and J.R. Lerner;

optioned Tinta 1 - 8 from Canex and staked Tinta 19 - 26. The trenches were cleaned out and the vein sampled.

1969 - Tinta 1 - 26 acquired by Coin Canyon Mines Ltd., who did a follow-up geochemical survey.

#### 4. GEOLOGY

The area is underlain by metamorphic Yukon Schists, and intruded by an assemblage of Jurassic or Cretaceous granitic intrusives. These rocks are cut by bodies of Tertiary quartz-porphyrries and rhyolites.

Economically, the east part of the Dawson Range is characterized by high-grade gold and silver veins, intermittently explored since their discovery about forty years ago. On Revenue Creek, about 10 airmiles northwest of Tinta Hill, interesting copper values have recently been revealed. Immediately to the north, Canex drilled, in 1966, a copper occurrence which appeared to be a porphyry-type orebody. With the discovery of the Casino copper-molybdenum deposit in 1969, about 68 airmiles to the northwest, the whole Dawson Range has received considerable attention by major as well as small mining companies in the search for porphyry copper-molybdenum deposits.

On the Tinta group the only known showing is a single quartz vein, however, the possibility of a disseminated copper porphyry does exist.

## 5. SHOWINGS

Work to date has established a well defined vein-zone striking about N 60° W and dipping at -80° to the north. The zone has been traced for 3000 feet with possibilities of extensions, suggested by electromagnetic and geochemical work of about 2,000 feet on each end. The average width is about three feet.

## 6. GEOCHEMICAL RESULTS

The previous work done by Canex was carried out on lines 500' apart with a 100' sample spacing. Values in p.p.m. are available for Au, Ag, Cu and Pb; the area covered measured 7,000' by 2,000'. The values were significant and the results consistent with the geological information.

The geochemical sampling carried out by Mr. McKamey in 1969 extended the anomaly to the southwest and to the southeast, however the area between the new southeast anomaly and the main ore zone has not been sampled, so that the new anomaly may be a separate ore zone. Some of the original cross lines were extended and additional lines cut to the east. Spacing was at 200' centers with an area of about 2,500' by 3,600' covered. Another small anomaly is indicated on the northeast. The soils were analysed for lead and zinc only. Extraction was by hot HNO<sub>3</sub> and HClO<sub>4</sub> and the method of analyses was Techtron Atomic Absorption Spectrometer.

Unfortunately some of the soil samples were taken in the volcanic ash which is prevalent in this area or in a mixture of volcanic ash and the "A" soil horizon, therefore, some consideration should be given to this fact in the interpretation of the results.

7. SUMMARY

The geochemical results indicate possible extensions of the known orebody. However, the area between the main orebody and the southeastern anomaly requires fill-in sampling. The area on the northeast should also be sampled in more detail.

Respectfully submitted,



G.C. Gutrath, P. Eng.

August 13, 1970.

References

March, 1969 - Report on the Tinta Group of Claims for Silgold  
Mines Ltd., by P.H. Sevensma.

# VANCOUVER GEOCHEMICAL LABORATORIES LTD.

## GEOCHEMICAL ANALYTICAL REPORT

1521 Pemberton Ave.  
North Vancouver, B.C.  
988-2171

Page 1 of 5

Date: September 30/69

Weight of Sample Used: 1.0 gm

Report Number: 69-30-005

Extraction: Hot HNO<sub>3</sub> & HClO<sub>4</sub>

From: Mr. Gordon Gutrath,  
re. Coin Canyon Mines,  
#1300-355 Burrard St.,  
Marine Building, Van., B.C.

Method of Analyses: Atomic Absorption Spec.

Submitted By: \_\_\_\_\_

Volume of Dilution: 25 ml

Report On: 128 geochem samples

Instrument Used: Techtron AA4 & AA5

Analyzed For: Zn & Pb

Disposition of Sieved Material: in file

Date Sample Received September 29/69

Analyst: C. Chun & L. Nicol

Date Report Mailed: October 4/69

Signed: *[Signature]*

REMARKS: Mixture = Mixture of Soil + Ash.

\* = Δ

All values are reported in parts per million unless specified otherwise. All values are believed to be correct to the best knowledge of the analyst based on the method and instrument used.

Lab. No.	Sample Number	Me	Cu	Zn	Pb	Remarks
01	* 12 + 00 N ✓			10	4	BL - 00+00 Ash
02	14 ✓			8	5	"
03	16 ✓			29	7	Mixture
04	18 + 00 N ✓			5	4	"
05	12 + 00 S ✓			285	175	Soil
06	14 ✓			169	70	"
07	16 ✓			134	60	"
08	18 + 00 S ✓			145	70	"
09	* 12 + 00 N ✓			12	8	BL - 5 +00W Mixture
10	14 ✓			21	8	Mixture
11	16 ✓			49	20	Soil
12	18 + 00 N ✓			9	6	Mixture
13	12 + 00 S ✓			100	25	Soil
14	14 ✓			21	5	Mixture
15	* 16 + 00 S ✓			15	8	BL - 5 +00W Mixture

*[Handwritten mark]*

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## GEOCHEMICAL ANALYTICAL REPORT

1521 Pemberton Ave.  
North Vancouver, B.C.  
988-2171

Page 2 of 5

Date: September 30/69

Report Number: 69-30-005

From: G. G. - Coin Canyon Mines.

Analyst: C. Chun & L. Nicol

Lab. No.	Sample Number	Mo	Cu	Zn	Pb		Remarks
01	* 18 + OOS ✓			67	24		Soil BL - 5 + OOW
02	* 12 + OON ✓			6	5		Mixture BL - 50+ OOE
03	14 ✓			43	20		Soil
04	16 ✓			10	4		Mixture
05	18 + OON ✓			73	24		Soil
06	4 + OOS ✓			12	8		Mixture
07	6 ✓			6	4		Ash
08	8 ✓			-----	-----		no sample swamp
09	10 ✓			9	4		Mixture
10	12 ✓			-----	-----		no sample swamp
11	14 ✓			16	4		Mostly Ash - Mixture
12	16 ✓			13	5		Soil Mixture
13	* 18 + OOS ✓			2	4		Ash BL - 50+ OOE
14	* BL - 53+OOE ✓			13	4		Ash
15	BL - 55+OOE ✓			28	8		"
16	2+OON ✓			12	5		Mixture BL - 55+ OOE
17	4 ✓			21	8		Mixture
18	6 ✓			11	5		"
19	8 ✓			12	4		"
20	10 ✓			45	18		"
21	12 ✓			8	4		"
22	14 ✓			9	4		"
23	16 ✓			7	4		"
24	18+OON ✓			74	25		Soil BL - 55+ OOE Mixture
25	* 2 + OOS ✓			10	2		Mixture BL - 55+OOE
26	4 ✓			4	4		Mixture
27	6 ✓			-----	-----		no sample in bag
28	8 ✓			-----	-----		" " " " "
29	10 ✓			6	4		Ash
30	* 12 + OOS ✓			5	4		Ash BL - 55+ OOE

✓

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## GEOCHEMICAL ANALYTICAL REPORT

1521 Pemberton Ave.  
North Vancouver, B.C.  
988-2171

Page 3 of 5

Date: September 30/69

Report Number: 69-30-005

From: G. G. - Coin Canyon Mines.

Analyst: C. Chun & L. Nicol

Lab. No.	Sample Number	MM	KK	Zn	Pb		Remarks
01	* 14 + OOS ✓			98	18		BL - 55+OOE Soil
02	16 ✓			110	24		Soil
03	18 + OOS ✓			5	2		BL - 55+OOE Ash
04	BL 58 + OOE			13	6		Mixture
05	BL*60 + OOE ✓			17	4		Soil
06	* 2 + OON ✓			34	12		BL - 60+OOE Soil
07	4 .			13	4		Ash
08	6 .			14	5		Mixture
09	8 .			13	2		Ash
10	10 .			63	22		Soil
11	12 .			82	40		"
12	14 .			20	30		Mixture
13	16 .			6	2		Ash
14	*18 + OON .			10	2		"
15	* 2 + OOS .			56	14		Clay
16	4 .			-----			no sample in bag
17	6 .			32	10		Clay
18	8 .			87	26		"
19	10 .			61	20		Soil
20	12 .			38	14		"
21	14 .			16	5		Mixture
22	16 .			44	10		"
23	*18 + OOS .			36	12		BL - 60+OOE
24	BL*63+OOE			8	4		Ash
25	BL*65+OOE .			9	2		"
26	* 2 + OON .			14	4		Mixture BL - 65+OOE
27	4 .			22	6		Soil
28	6 .			20	6		"
29	8 .			7	4		Ash
30	*10 + OON .			9	2		" BL - 65+OOE

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## GEOCHEMICAL ANALYTICAL REPORT

1521 Pemberton Ave.

North Vancouver, B.C.

988-2171

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Date: September 30/69

Report Number: 69-30-005

From: G. G. - Coin Canyon Mines.

Analyst: C. Chun & L. Nicol

Lab. No.	Sample Number	Mo	Pb	Zn	Pb	Remarks
01	* 12+00N			4	4	BL-65+00E Ash
02	14			10	4	Mixture
03	16			25	14	"
04	18+00N			42	2	Ash
05	2+00E			17	5	Mixture
06	4			59	15	Soil
07	6			15	4	Ash
08	8			95	38	Mixture
09	10			60	14	"
10	12			63	20	Soil
11	14			33	15	"
12	16			67	20	"
13	18+00S			40	12	BL-65+00E "
14	BL 68+00E			10	2	Ash
15	BL 70+00E			12	2	"
16	2+00N			50	10	BL-70+00E Soil
17	4			50	12	"
18	6			40	12	"
19	8			21	5	Ash
20	10			5	2	"
21	12			21	5	"
22	14			5	2	"
23	16			25	6	"
24	18+00N			6	2	"
25	2+00S			19	4	"
26	4			50	10	Soil
27	6			37	14	"
28	8			67	20	"
29	10			62	22	"
30	* 12+00S			61	14	BL-70+00E "

# VANCOUVER GEOCHEMICAL LABORATORIES LTD.

## GEOCHEMICAL ANALYTICAL REPORT

1521 Pemberton Ave.  
North Vancouver, B.C.  
988-2171

Page 5 of 5

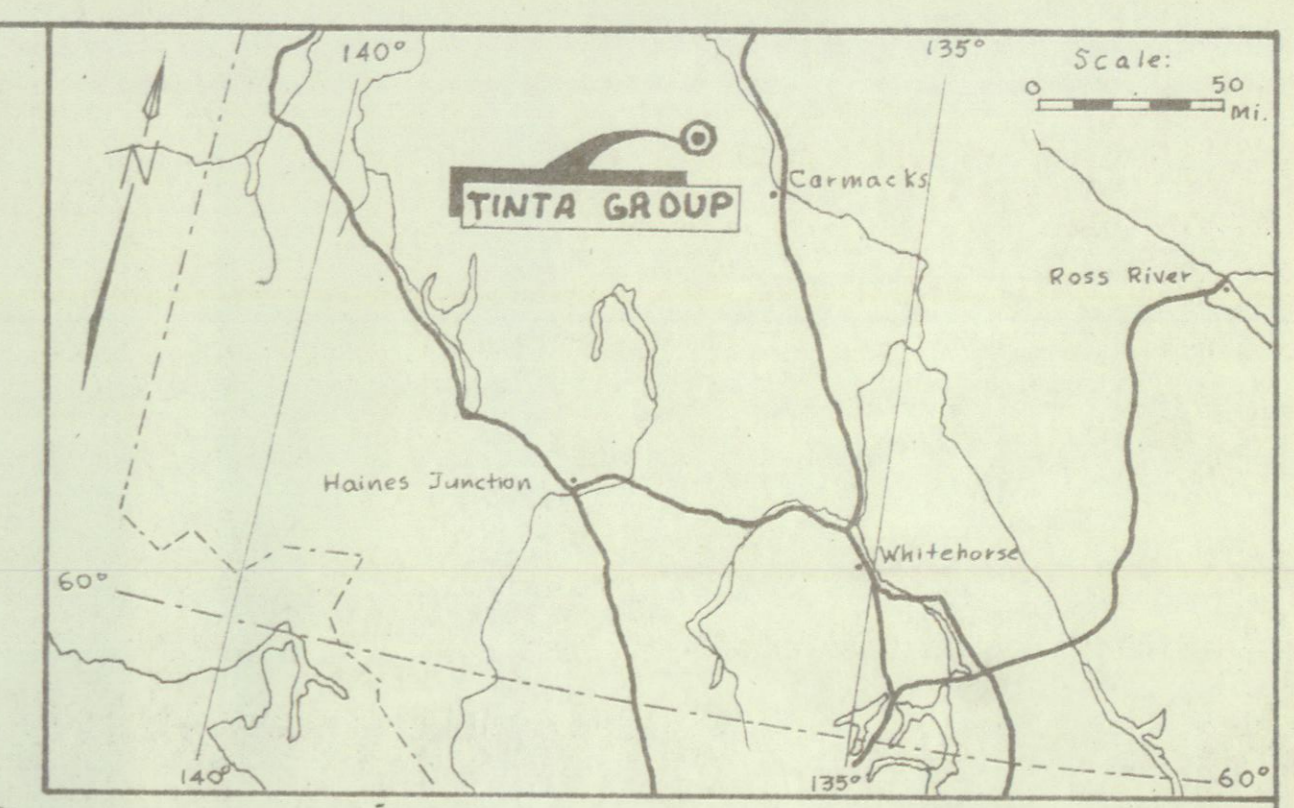
Date: September 30/69

Report Number: 69-30-005

From: G. G. - Coin Canyon Mines.

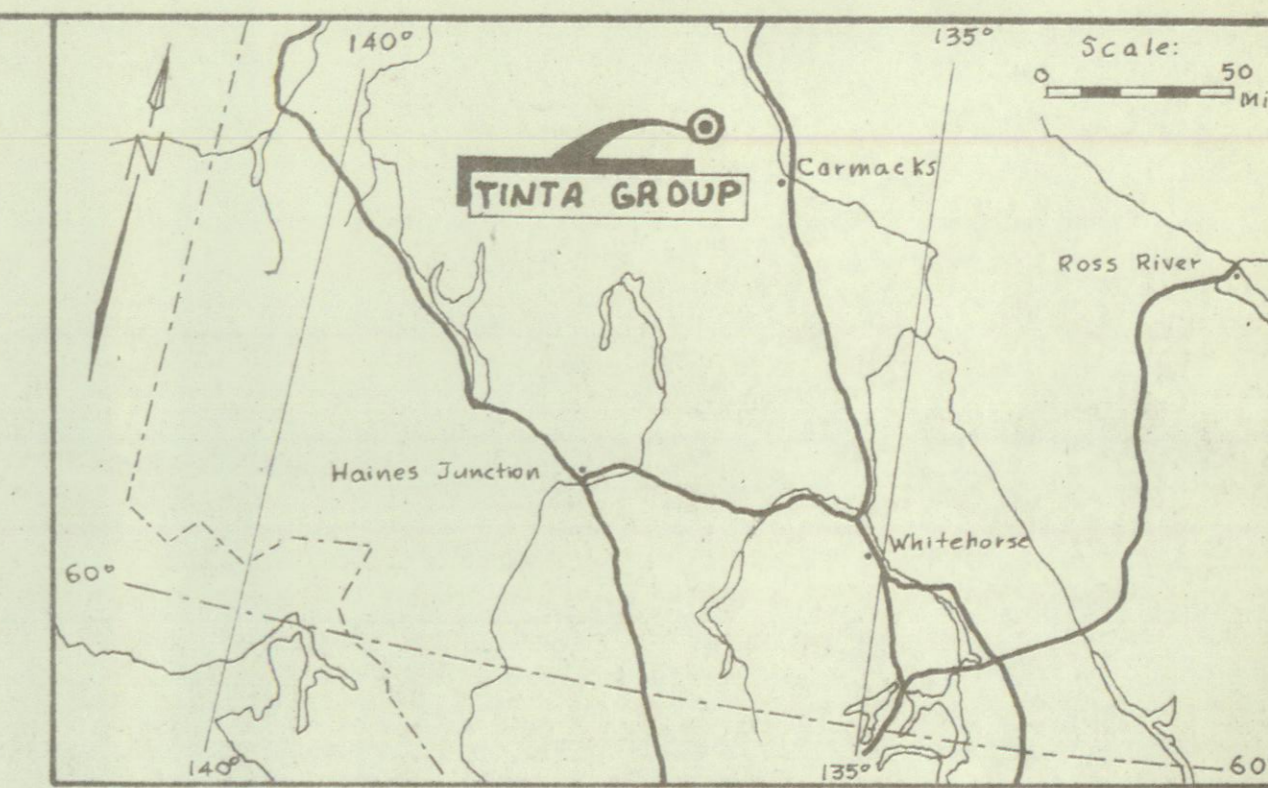
Analyst: C. Chun & L. Nicol

Lab. No.	Sample Number	X <sub>66</sub>	X <sub>20</sub>	Zn	Pb		Remarks
01	* 14+OOS			66	20		BL-70+OOE Soil
02	16			64	20		"
03	18+OOS			59	18		BL-70+OOE "
04	BL * 73+OOE			42	8		"
05	BL * 75+OOE			54	12		"
06	2+OON			53	12		BL-75+OOE "
07	4			36	8		"
08	6			51	10		"
09	8			22	4		Ash
10	10			57	15		Soil
11	12			6	2		Ash
12	14			5	2		"
13	16			28	10		Mixture
14	18+OON			23	8		"
15	2+OOS			60	16		Soil
16	4+			54	18		"
17	6			15	6		Ash
18	8			7	5		"
19	10			5	4		"
20	12			59	15		Mixture
21	14			64	16		Soil
22	16			34	8		"
23	* 18+OOS			51	15		BL-75+OOE "
24							
25							
26							
27							
28							
29							
30							



COIN CANYON MINES LTD.  
 SUPPLEMENTARY  
 GEOCHEMICAL SOIL SURVEY  
 TINTA HILL, YUKON  
 LEAD PLOT

SCALE: 1" = 400'  
 DATE: SEPT, 1969  
 DRAWN BY: J. L. ENTRATH  
 VANCOUVER, B.C.



COIN CANYON MINES LTD.  
 SUPPLEMENTARY  
 GEOCHEMICAL SOIL SURVEY  
 TINTA HILL, YUKON  
 ZINC PLOT

SCALE: 1" = 400'  
 DATE: SEPT, 1969  
 DRAWN BY: J.R.L.  
 VANCOUVER, B.C.

*J. R. L.*