SOURCE PROPERTY
(Source 1, Source 2, Source 3, Source 4)

ASSESSMENT REPORT
1989 PROSPECTING REPORT

NTS 93N/12

Latitude 55°37'N Longitude 125°45'W

OMENICA MINING DIVISION

June 22 - July 2, 1989

Owner: Lorne B. Warren
Box 662
Smithers, B.C.
V05 2N0

Operator: Teck Explorations Ltd.
#960, 175 Second Ave
Kamloops, B.C.
V2C 5W1

By: L. Grexton, June 1990

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

APPENDICES

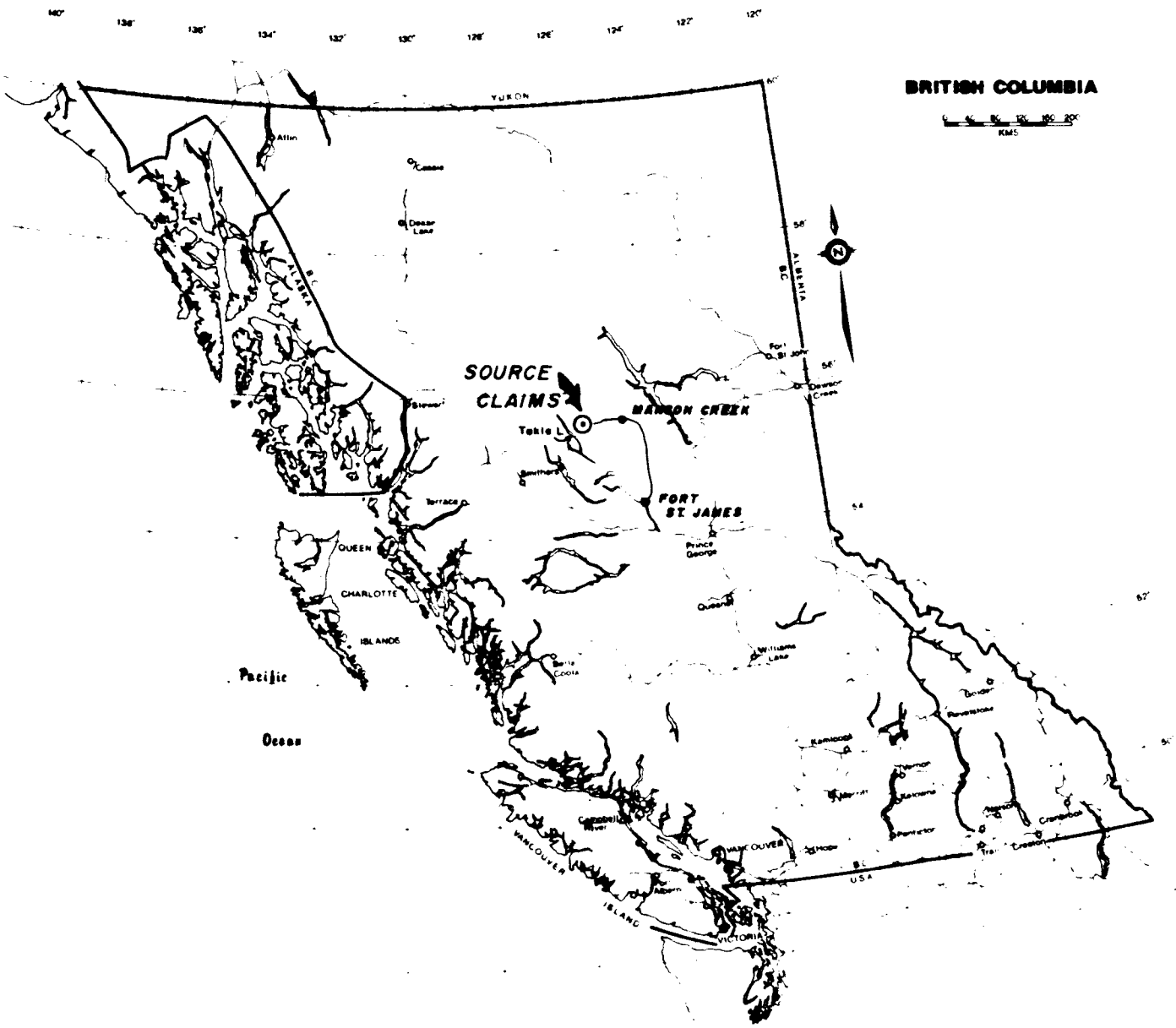


FIGURE 1

LOCATION MAP

SUMMARY

The Source Property is located 2 km west of Humphrey Lake in the Vital Range, on N.T.S. map sheet 93N/12. Comprised of 4 contiguous claims (80 units), it was staked in June 1989 following the discovery of visible gold in a narrow quartz vein. Lorne B. Warren of Smithers currently holds title to the claims.

Access to the property is by helicopter, but a summer road from Manson Creek allows 4-wheel drive access to within 2 km of the claims.

Placer mining activity dates to the mid 1800's. During 1983 and 1984, Golden Porphyrite Ltd. and Beat y Geological Ltd. explored the claim area for Summit Ventures Inc of Vancouver. These claims were allowed to lapse and in 1989, Source 1-4 were staked.

The claims are underlain by Cache Creek Group ultramafic to intermediate volcanic and metasedimentary rocks, locally intruded by felsic dykes and sills. Talc-ankerite and quartz ankerite alteration assemblages, with or without mariposite, are locally developed along northerly faults. The area is bounded by the Pinchi Fault to the east and Vital Fault to the west. A major northerly splay of the Vital Fault trends across the centre of the property.

Four geologists employed by Teck Explorations Limited, Kamloops, spent 17 mandays prospecting and sampling the property in 1989. A total of 108 rock, soil and stream sediment samples were collected and analyzed.

Anomalous gold was found in creeks draining the northwest part of the property. The gold bearing quartz vein is sub-economic.

Prospecting in the vicinity of a syenitic intrusion and follow-up of the northwest stream anomalies is warranted.

LOCATION AND ACCESS

Centred on latitude 55°37'N and longitude 125°45'W on N.T.S. map sheet 93N/12, the Source property is located 2 km west of Humphrey Lake in the Vital Range (Figure 1).

A summer road from Manson Creek to Humphrey Lake allows for four-wheel-drive access to within 2 km of the claims. A Bell 206 helicopter operated by Highland Helicopters and based at Takla Rainbow Lodge on Takla Lake, transported personnel to the property from Humphrey Lake. Flight time from Takla Lake to the Source is roughly 1 hour return.

CLAIM DATA

The property is comprised of 4 contiguous claims (80 units) registered to Lorne B. Warren of Smithers. Claim statistics are presented in Table 1. Claim locations are presented on Figure 2.

TABLE 1

CLAIM DATA

Name	Units	Dimensions	Staked	Tag #	Record #	Expires
Source 1	20	5N x 4W	June 19 1989	108034	10650	June 19 1991
Source 2	20	5N x 4E	June 19 1989	108035	10651	June 19 1991
Source 3	20	5S x 4E	June 19 1989	108036	10652	June 19 1991
Source 4	20	5S x 4E	June 19 1989	108037	10653	June 19 1991

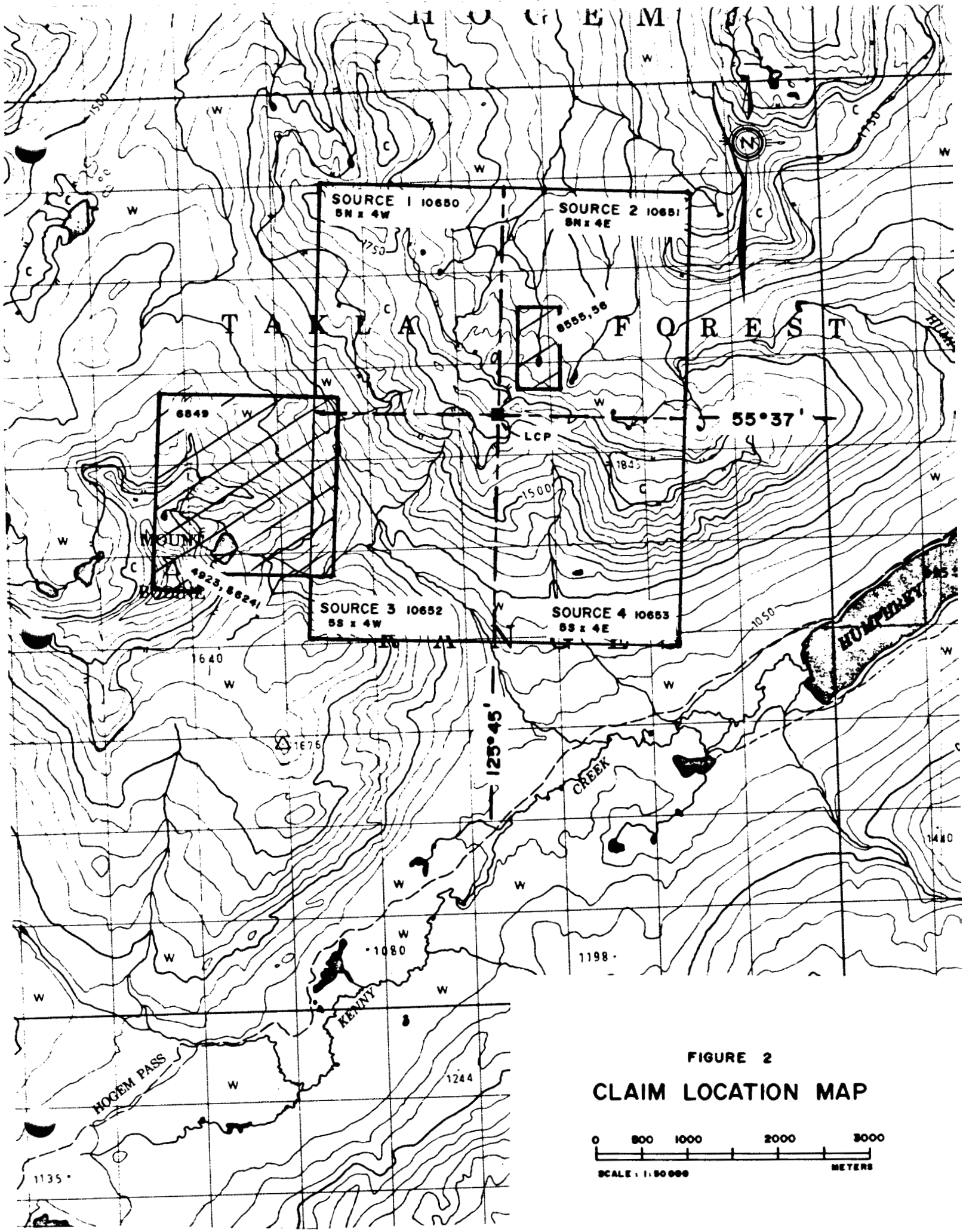


FIGURE 2

CLAIM LOCATION MAP

0 500 1000 2000 3000

METERS

SCALE : 1:50 000

HISTORY

Placer mining activity in the Vital Range dates to the mid 1800's.

During 1983, Golden Porphyrite Ltd. staked the JO claims (Humphrey property) and conducted geological and geochemical surveys for Summit Ventures Inc. of Vancouver. The property consisted of 7 contiguous claims totalling 140 units. See BCDM Assessment Report 12548, JO 38-40, 48-50, 59.

Beaty Geological Ltd. examined the property for Summit Ventures Inc in Sept. 1984. See BCDM Assessment Report 14554. The claims were allowed to lapse.

In June 1989, Teck personnel noted visible gold in a narrow quartz vein across a small north south ridge (formerly JO 48). Lorne B. Warren of Smithers staked Source 1-4 over the showing. According to Warren, visible gold had not been previously reported in the Vital Range. Field evidence indicated the vein had been sampled prior to 1989.

REGIONAL GEOLOGY

Upper Triassic to Lower Jurassic Cache Creek Gp volcanic and metasedimentary rocks are locally disrupted by diorite-granodiorite stocks and dykes of the Omenica Intrusions. The area is bounded by the northwest trending Pinchi Fault to the east and Vital Fault to the west.

PROPERTY GEOLOGY

The claims are underlain by basaltic to dacitic pyroclastic rocks (greenstones), ultramafic dykes (?) and sills (?), phyllite and argillite. Mafic-intermediate dykes and felsic sills/dykes locally disrupt most rock types. A syenitic plug was reportedly encountered while staking the southern boundary of Source 3.

A major splay of the Vital Fault trends northerly across the centre of the property. Smaller easterly to northwesterly trending faults are common.

Ultramafic rocks are weak to intensely serpentinized. Moderate to intense talc-ankerite alteration (with/without quartz and/or mariposite), and quartz (breccia) - ankerite alteration (with/without mariposite) are present along the faults. These zones are most evident along the northwest ridge to the property.

Quartz veining and silicification is sparse. Very fine visible gold occurs in narrow (25 cm) quartz vein subcrop, at roughly 270° across a small north trending ridge on Source 3. Vein material was traced for more than 100 m. Host volcanic rocks exhibit strong to intense carbonate alteration. The gold occupies late discontinuous, minute fractures and is commonly associated with an equally fine, dull, steel grey metallic mineral. A malachite halo often occurs around this mineral.

1989 PROGRAM

Four geologists employed by Teck Explorations Ltd, Kamloops, spent seventeen mandays on a preliminary evaluation of the Source claims. Crew members were Jeff Toohey, Paul Donkersloot, Paul Roberts and Lynn Grexton.

The program involved prospecting over a 15 km^2 area at 1:50,000 scale. A total of 33 rock, 24 soil, 26 silt and 25 pan samples were collected and shipped to Rossbacher Laboratory, Burnaby. They were analyzed for Au by atomic absorption and fire assay methods plus 31 other elements using ICP. Sample locations and results are shown on Figure 3. Certificate of Analyses and analytical methods are in Appendix I.

RESULTS

Anomalous gold was found in pan concentrates from two creeks draining the northwest part of the property. Only one silt sample was anomalous.

The best assays for the auriferous quartz vein were 0.212 oz/ton Au (G25) and 0.238 oz/ton Au (G59). ICP results for these samples suggests the grey metallic mineral may be enriched in Ag, Pb, Te and Bi. No other anomalous gold values were found.

COMMENTS

Although initial results are not impressive, discovery of gold in quartz and anomalous pan concentrates plus mariposite-talc-quartz-ankerite alteration is encouraging.

Discrepancies existing between values obtained in silt and pan samples, plus an absence of gold in creeks draining the auriferous quartz vein indicate possible sampling problems.

Showings and anomalies currently known on the Source 1-4 are sub-economic.

An evaluation of the anomalous creeks, and reported syenitic plug south of the gold quartz showing is warranted.

STATEMENT OF EXPENDITURES

WAGES (+15%) - 4 Geologists, 17 mandays @ $205/manday		$3,485
FIELD SUPPLIES - (flagging, sample bags etc)		150
ROOM & BOARD - Cabin Rental		225
- Groceries		360
ANALYSES (+shipping) - Rossbacher Laboratory Ltd, Burnaby		1,357
HELICOPTER - Highland Helicopters Bell 206		
- 7.8 hrs @ $650/hr		5,070
REPORT - Wages (+15%), drafting, reproduction		380
	TOTAL	**$11,027**

SELECTED REFERENCES

Archer Cathro and Associates (1981) Limited, 1988: British Columbia Mineral Inventory 93N

Armstrong, J.E., Fort St. James Map Area, Cassiar and Coast Districts, British Columbia; Geological Survey of Canada Memoir 252

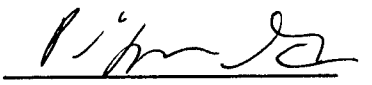
Culbert, R.R., Assessment Report on the Geological and Geochemical Surveys on the Humphrey Property JO 38-40, 48-50 and 59; Beatty Geological Ltd. May 1985; BCDM Assessment Report #14554

Macfarlane, H.S., Assessment Report on the Geological and Geochemical Surveys on the Humphrey Property JO 38-40, 48-50 and 59; Golden Porphyrite Ltd June 1984; BCDM Assessment Report #13548.

STATEMENT OF QUALIFICATIONS

I, Lynn Grexton, graduated from the University of Waterloo, Waterloo Ontario, with an Honours Bachelor of Science degree, Earth Science major in May 1980. I have worked in the Canadian Cordillera over the past nine years.

I am currently employed by Teck Explorations Limited as a Project Geologist.



Kamloops, B.C.
June, 1990

Lynn Grexton
Geologist

APPENDIX I

Certificates of Analyses, Methods, Detection Limits

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.
PROJECT : 1365
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : 89167.A
INVOICE # : 90345 A
DATE ENTERED : 89-06-30
FILE NAME : TEC89137.A
PAGE # : 1

PRE FIX	SAMPLE NAME	oz/t Au *)	oz/t Ag	% Cu	% Pb	% Zn	% Bi	% Sb
A	89-G-25-A	0.212	2.62				0.001	
A	89-G-27-A	0.033	0.68				0.001	
A	89-G-28-A	0.048	1.12				0.001	
A	89-G-29-A	0.112	1.61				0.001	

*) METALLICS GOLD VALUES (averages.)

CERTIFIED BY : _____

ROSSBACHER LABORATORY LTD. 2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

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#960-175 SECOND AVE.
KAMPLOOPS, B.C.

CERTIFICATE# : 89179.M
PROJECT : 1365
INVOICE# : 90356
PAGE# : 1

TYPE OF ANALYSIS: Au METALLIC

SAMPLE NAME	Oz/t -100M	Oz/t +100M	mg.Au +100M	Wt.gm -100M	Wt.gm +100M	Oz/t FINAL
89-G-57-A	0.004	0.201	0.026	229	3.78	0.007
89-G-58-A	0.036	3.662	0.113	208	0.90	0.052
89-G-59-A	0.204	32.084	0.275	235	0.25	0.238
89-G-60-A	0.079	0.417	0.006	213	0.42	0.080

CERTIFIED BY : A. Rossbach

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CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
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KAMLOOPS, B.C.
PROJECT : 1365
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 89212
INVOICE # : 90389
DATE ENTERED : 89-07-20
FILE NAME : TEC89212
PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au	PPM Cu
A	89-D- 95 R	5	
A	96 R	5	
A	97 R	5	
A	98 R	5	
A	99 R	5	
A	100 R	5	
PC	101 P	5	
L	102 L	5	
PC	103 P	5	
L	104 L	5	
PC	89-D-105 P	5	
L	106 L	5	
PC	107 P	5	
L	108 L	5	
PC	109 P	5	
L	110 L	5	
PC	111 P	5	
L	112 L	5	
PC	113 P	5	
L	114 L	5	
PC	89-D-115 P	5	
L	116 L	5	
PC	117 P	5	
L	118 L	10	
PC	119 P	5	
L	120 L	5	
PC	121 P	5	
L	122 L	5	
PC	123 P	5	
L	124 L	5	
A	125 R	5	
A	126 R	80	
A	127 R	180	
A	89-D-128 R	730	

CERTIFIED BY : J. Rossbach

RECEIVED Aug 18/89

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PROJECT : 1365
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : 89212A
INVOICE # : 90389
DATE ENTERED : 89-07-20
FILE NAME : TEC89212.A
PAGE # : 1

PRE FIX	SAMPLE NAME	oz/t FA Au	oz/t FA Ag	% Cu	% Pb	% Zn
A	89-D-93 A	0.004	1.00	2.24	0.01	0.01
A	89-D-94 A	0.008	1.10	0.01	0.01	0.20
A	89-D-126-R			0.33		
A	89-D-128-R			1.83		

CERTIFIED BY : F. Rossbacher

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PROJECT : 1365
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 89179
INVOICE # : 90356
DATE ENTERED : 89-07-06
FILE NAME : TEC89179.G4
PAGE # : 2

PRE FIX	SAMPLE NAME	PPB Au
R	89-T-77R	5
R	78R	5
R	79R	5
R	80R	5
R	81R	5
R	82R	5
R	83R	5
R	84R	5
R	85R	5
R	86R	5
L	87L	5
R	88R	5
P	89P	5
P	90R	5
P	91P	5
L	92L	20
P	93P	5
L	94L	5
P	95P	5
L	96L	5
P	89-T-97P	290
L	89-T-98L	5

CERTIFIED BY : J. Rossbacher

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CERTIFICATE # : 89179
INVOICE # : 90356
DATE ENTERED : 89-07-06
FILE NAME : TEC89179.G4
PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au
R	89-T-37R	5
R	38R	5
R	39R	5
R	40R	5
R	41R	5
R	42R	5
R	43R	5
R	44R	280
R	45R	5
R	46R	520
S	47S	5
R	48R	5
R	49R	5
R	50R	2240
R	51R	5
R	52R	5
R	53R	5
R	54R	5
P	55P	5
L	56L	5
P	89-T-57P	2900
L	58L	5
P	59P	5
L	60L	5
L	61L	5
P	62P	10
L	63L	5
P	64P	5
L	65L	5
P	66P	5
L	67L	5
P	68P	5
L	69L	5
P	70P	5
L	71L	5
P	72P	5
L	73L	5
P	74P	5
L	75L	5
R	89-T-76R	5

CERTIFIED BY : Rossbach

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KAMLOOPS, B.C.
PROJECT : 1365
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 89213
INVOICE # : 90389A
DATE ENTERED : 89-07-20
FILE NAME : TEC89213
PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au
L	89-G- 91 L	110
PC	92 P	5
A	93 R	5
A	94 R	5
S	95 S	5
A	96 R	5
A	97 R	30
PC	98 P	5
L	99 L	5
PC	100 P	5
L	89-G-101 L	5
PC	102 P	5
L	103 L	5
A	104 R	5
A	105 R	5
A	106 R	5
A	107 R	5
A	108 R	5
A	109 R	5
A	110 R	5
A	89-G-111 R	5
A	112 R	5
A	113 R	5
A	114 R	5
L	115 L	5
PC	116 P	5
L	117 L	5
PC	118 P	5
L	119 L	5
PC	120 P	5
L	89-G-121 L	5
PC	122 P	5
L	123 L	5
PC	124 P	5
L	125 L	5
PC	126 P	5
L	127 L	5
PC	128 P	5
L	129 L	5
P	89-G-130 P	5

CERTIFIED BY : J. Rossbach

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KAMLOOPS, B.C.
PROJECT : 1365
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : 89167.A
INVOICE # : 90345 A
DATE ENTERED : 89-06-30
FILE NAME : TEC89137.A
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM Te
A	89-G-25-A	3.25
A	89-G-27-A	3.15
A	89-G-28-A	2.50
A	89-G-29-A	4.00

CERTIFIED BY : J. Russbacher

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CERTIFICATE OF ANALYSIS

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PROJECT : 1365
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89213
INVOICE # : 90389
DATE ENTERED : 89-07-20
FILE NAME : TEC89213.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM BE
89-G-	91-L	5	62	18	260	0.1	111	12	1808	3.41	8	5	ND	ND	32	2	2	5	31	0.36	0.08	30	104	0.68	168	0.01	5	1.11	0.01	0.01	1	1
	92-P	3	37	2	175	0.1	70	3	968	3.03	7	5	ND	10	22	1	2	2	52	0.52	0.08	24	354	0.78	156	0.18	13	1.36	0.02	0.01	4	2
	93-R	2	21	1	8	0.1	15	2	200	0.41	2	5	ND	ND	4	1	3	2	3	0.02	0.01	1	182	0.02	34	0.01	5	0.04	0.01	0.01	2	1
	94-R	2	116	1	10	0.1	11	3	1006	0.45	2	5	ND	ND	3	1	3	2	3	0.02	0.01	2	157	0.04	24	0.01	5	0.07	0.01	0.01	2	1
	95-S	1	137	1	125	0.1	80	11	852	8.78	49	5	ND	ND	7	1	2	12	194	0.11	0.09	5	238	0.40	71	0.01	5	1.76	0.02	0.02	1	3
	96-R	2	9	3	7	0.1	10	1	275	0.47	2	5	ND	ND	10	1	2	2	3	0.11	0.01	2	166	0.06	30	0.01	5	0.09	0.01	0.01	2	1
	97-R	61	117	24	38	1.0	73	6	218	7.98	105	5	ND	ND	4	1	2	2	6	0.01	0.01	5	138	0.03	15	0.01	1368	0.15	0.01	0.01	1	1
	98-P	7	33	5	141	0.1	54	1	706	2.78	8	5	ND	ND	18	1	2	2	40	0.20	0.05	28	879	0.48	238	0.04	13	1.22	0.01	0.01	1	1
	99-L	3	72	16	174	0.2	45	3	1611	2.19	7	5	ND	ND	68	1	2	4	23	0.74	0.14	10	51	0.45	201	0.01	17	1.16	0.02	0.01	1	1
	100-P	5	62	4	130	0.1	59	4	1466	3.21	16	5	ND	ND	16	1	2	2	37	0.14	0.05	23	341	0.59	193	0.03	14	1.18	0.01	0.01	1	1
89-G-	101-L	5	95	25	229	2.7	93	12	5040	3.21	34	5	ND	ND	56	2	2	5	21	0.87	0.15	13	46	0.36	176	0.01	24	0.80	0.01	0.01	3	1
	102-P	7	84	4	139	0.1	52	6	1134	3.51	24	5	ND	ND	26	1	2	2	28	0.07	0.04	14	236	0.25	172	0.01	46	0.89	0.01	0.01	1	1
	103-L	10	105	29	220	0.4	74	16	3004	4.08	39	5	ND	ND	39	1	2	12	28	0.24	0.09	15	51	0.23	124	0.01	14	0.55	0.01	0.01	4	1
	104-R	5	8	17	8	0.5	16	4	334	0.58	4	5	ND	6	1	1	7	2	5	0.01	0.01	6	222	0.01	18	0.01	5	0.04	0.01	0.01	6	1
	105-R	2	7	11	4	0.5	12	3	107	0.45	2	5	ND	5	4	1	7	2	5	0.19	0.01	3	191	0.04	9	0.01	5	0.03	0.02	0.01	5	1
	106-R	2	5	1	10	0.1	118	5	170	1.09	2	5	ND	ND	9	1	3	2	4	0.04	0.01	1	217	1.13	17	0.01	5	0.11	0.02	0.01	2	1
	107-R	1	7	8	34	0.1	1170	66	691	3.93	572	5	ND	ND	16	2	32	2	12	0.44	0.02	1	398	14.51	23	0.01	5	0.10	0.01	0.01	1	1
	108-R	2	4	19	4	0.5	84	6	157	0.77	15	5	ND	ND	28	2	6	2	6	2.44	0.02	2	223	2.05	4	0.01	5	0.04	0.01	0.01	5	1
	109-R	2	4	19	8	0.5	176	12	281	1.30	18	5	ND	ND	54	2	2	2	8	4.18	0.02	2	245	5.21	7	0.01	5	0.08	0.01	0.01	4	1
	110-R	2	4	22	10	0.1	375	20	312	1.44	9	5	ND	ND	19	1	2	2	7	1.30	0.02	1	230	5.71	7	0.01	5	0.05	0.01	0.01	2	1
89-G-	111-R	2	5	12	5	0.2	125	8	140	0.72	6	5	ND	ND	10	1	6	2	4	0.89	0.01	1	251	2.19	4	0.01	5	0.04	0.02	0.01	4	1
	112-R	2	4	10	8	0.1	184	12	199	0.90	5	5	ND	ND	10	1	4	2	5	0.63	0.01	1	328	2.79	5	0.01	5	0.05	0.02	0.01	3	1
	113-R	1	10	6	176	0.1	67	1	592	1.74	65	5	ND	ND	6	1	4	2	20	1.73	0.01	1	164	0.21	10	0.01	5	0.08	0.02	0.01	4	1
	114-R	1	69	2	28	0.1	40	15	213	2.42	2	5	ND	ND	6	1	2	2	65	0.76	0.04	1	112	0.39	11	0.38	123	0.48	0.01	0.01	1	2
	115-L	5	72	18	167	0.2	48	7	1208	3.09	9	5	ND	ND	36	1	2	2	42	0.84	0.12	21	53	0.76	226	0.02	13	1.06	0.01	0.01	1	1
	116-P	4	60	3	133	0.1	46	4	875	3.31	4	5	ND	ND	15	1	2	2	55	0.42	0.07	14	260	0.85	300	0.08	28	1.38	0.02	0.01	1	1
	117-L	8	97	21	185	0.3	59	11	1228	3.17	15	5	ND	ND	35	2	2	2	39	1.14	0.11	22	49	0.93	206	0.01	9	1.06	0.01	0.01	1	1
	118-P	7	73	15	172	0.1	50	5	741	3.04	7	5	ND	ND	14	1	2	2	44	0.31	0.05	20	286	0.70	415	0.02	14	1.36	0.01	0.01	1	1
	119-L	3	58	18	174	0.1	38	7	904	2.84	13	5	ND	ND	38	2	2	2	38	1.73	0.16	11	44	0.91	268	0.01	15	1.10	0.03	0.01	1	1
	120-P	2	43	1	159	0.1	46	5	872	3.60	2	5	ND	ND	14	1	2	2	56	0.46	0.11	17	246	1.26	497	0.04	12	1.62	0.01	0.01	1	1
89-G-	121-L	4	64	21	148	0.1	47	8	1182	3.08	19	5	ND	ND	34	2	2	2	40	2.22	0.15	19	53	1.33	162	0.04	5	1.13	0.04	0.01	1	1
	122-P	4	58	4	150	0.1	52	3	877	3.45	9	5	ND	ND	22	1	2	2	67	1.11	0.09	17	357	1.19	674	0.09	20	1.81	0.03	0.01	1	2
	123-L	5	84	18	243	0.3	47	7	986	2.74	13	5	ND	ND	28	3	2	2	30	0.83	0.11	15	40	0.59	218	0.01	10	0.77	0.02	0.01	3	1
	124-P	4	68	4	145	0.1	45	3	727	2.78	4	5	ND	ND	14	1	2	2	39	0.37	0.06	17	319	0.64	568	0.04	10	0.96	0.01	0.01	1	1
	125-L	4	65	17	230	0.1	56	7	1456	2.67	9	5	ND	ND	27	2	2	2	27	0.48	0.10	14	51	0.63	262	0.01	5	0.91	0.01	0.01	1	1
	126-P	4	56	6	147	0.1	63	4	781	3.36	6	5	ND	ND	18	1	2	2	53	0.43	0.08	25	341	0.92	355	0.10	21	1.24	0.01	0.01	1	1
	127-L	5	62	21	140	0.3	55	7	1072	2.72	7	5	ND	ND	25	1	2	2	36	0.63	0.09	16	62	0.80	180	0.03	5	0.93	0.01	0.01	1	1
	128-P	4	46	12	126	0.1	79	6	927	3.75	12	5	ND	ND	26	1	2	10	74	0.64	0.08	17	383	1.10	248	0.16	5	1.41	0.01	0.01	1	2
	129-L	4	62	13	170	0.1	63	7	970	2.90	9	5	ND	ND	18	1	2	3	36	0.59	0.10	15	75	0.87	155	0.04	5	0.92	0.01	0.01	1	1
	130-P	5	45	13	152	0.1	51	4	747	2.69	6	5	ND	ND	12	1	2	5	42	0.20	0.05	25	376	0.64	366	0.04	5	1.08	0.01	0.01	1	1

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ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.
PROJECT : 1365
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89212
INVOICE # : 90389
DATE ENTERED : 89-07-20
FILE NAME : TEC89212.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM HG
	89-B-95-R	1	33	1	25	2.3	916	50	504	3.30	339	5	ND	ND	4	1	2	2	6	0.10	0.02	1	266	15.07	8	0.01	5	0.05	0.01	0.01	1	1
	96-R	1	63	3	15	0.1	647	37	2162	2.24	16	5	ND	ND	71	1	2	2	13	7.40	0.03	1	371	12.86	7	0.01	5	0.18	0.01	0.01	1	1
	97-R	1	7	10	18	0.1	605	38	550	3.01	50	5	ND	ND	34	1	2	2	15	0.43	0.02	1	713	12.40	8	0.01	5	0.22	0.01	0.01	1	1
	98-R	1	18	10	13	0.5	250	11	163	0.98	131	5	ND	ND	32	1	12	2	3	0.20	0.01	8	94	1.87	55	0.01	5	0.23	0.01	0.01	1	1
	99-R	1	5	1	14	0.1	643	32	316	3.36	48	5	ND	ND	19	1	2	2	7	0.26	0.02	1	235	14.64	7	0.01	5	0.04	0.01	0.01	1	1
	100-R	1	189	33	56	0.5	28	1	1445	7.72	2	5	ND	ND	8	1	2	2	184	0.11	0.09	23	142	0.81	95	0.01	46	1.50	0.01	0.01	1	3
	101-P	5	34	4	141	0.1	46	5	634	2.85	9	5	ND	ND	13	2	3	2	43	0.32	0.06	14	378	0.72	193	0.07	12	1.15	0.01	0.01	8	1
	102-L	3	35	6	178	0.1	36	6	742	2.33	2	5	ND	ND	21	1	2	2	27	0.43	0.11	9	34	0.55	221	0.01	5	1.26	0.01	0.01	1	1
	103-P	4	35	5	145	0.1	86	6	625	2.96	29	5	ND	ND	10	2	2	2	45	0.29	0.05	18	259	1.13	231	0.06	20	1.26	0.01	0.01	4	1
	104-P	3	57	5	211	0.1	50	8	934	2.53	5	5	ND	ND	28	2	2	2	26	0.70	0.09	13	36	0.62	225	0.01	5	1.21	0.01	0.01	1	1
	89-B-105-P	6	46	7	102	0.2	48	6	769	3.18	16	5	ND	ND	12	2	2	2	56	0.54	0.05	17	393	0.81	221	0.13	35	1.32	0.01	0.01	2	2
	106-L	2	55	2	150	0.1	54	7	948	2.62	18	5	ND	ND	16	2	2	2	37	0.78	0.06	14	41	0.81	149	0.04	5	1.04	0.01	0.01	1	1
	107-P	4	41	4	142	0.1	52	5	723	3.23	13	5	ND	ND	12	1	2	2	49	0.35	0.04	17	270	0.87	290	0.07	17	1.35	0.01	0.01	1	1
	108-L	2	64	7	181	0.1	47	8	854	2.88	7	5	ND	ND	18	1	2	2	31	0.51	0.06	14	39	0.68	171	0.02	5	1.16	0.01	0.01	1	1
	109-P	5	37	2	87	0.1	34	6	915	3.12	9	5	ND	ND	10	1	2	2	45	0.35	0.03	16	163	0.71	166	0.09	11	1.12	0.01	0.01	1	1
	110-L	5	42	1	110	0.1	31	6	700	2.49	2	5	ND	ND	31	1	2	2	28	0.54	0.04	10	31	0.59	183	0.02	5	1.11	0.01	0.01	1	1
	111-P	6	38	5	99	0.1	40	7	1525	3.44	12	5	ND	ND	12	1	2	2	48	0.30	0.04	17	203	0.71	226	0.05	13	1.30	0.01	0.01	1	1
	112-L	2	38	1	118	0.1	32	3	617	2.76	2	5	ND	ND	19	1	2	2	32	0.40	0.06	11	38	0.67	240	0.01	5	1.39	0.01	0.01	1	1
	113-P	6	37	7	133	0.1	45	6	1122	2.99	12	5	ND	ND	9	2	2	2	39	0.22	0.04	15	230	0.68	242	0.05	11	1.13	0.01	0.01	1	1
	114-L	5	63	8	179	0.1	46	9	1057	3.16	4	5	ND	ND	14	1	2	2	34	0.38	0.06	16	41	0.69	253	0.02	5	1.36	0.01	0.01	1	1
	89-B-115-P	4	35	1	121	0.4	43	5	922	2.64	7	5	ND	ND	8	2	2	2	35	0.21	0.04	13	206	0.67	214	0.04	9	1.01	0.01	0.01	1	1
	116-L	2	51	6	160	0.1	40	5	611	2.45	2	5	ND	ND	25	1	2	2	27	0.59	0.08	11	32	0.61	269	0.01	5	1.18	0.01	0.01	1	1
	117-P	5	41	7	88	0.1	58	14	1498	2.66	9	5	ND	ND	9	2	2	2	39	0.24	0.04	16	190	0.67	211	0.06	10	0.99	0.01	0.01	1	1
	118-L	3	62	7	111	0.1	48	16	896	2.68	9	5	ND	ND	17	1	2	2	31	0.37	0.07	19	39	0.55	137	0.04	5	0.91	0.01	0.01	1	1
	119-P	6	51	6	139	0.1	62	7	937	4.34	16	5	ND	ND	13	2	2	2	74	0.46	0.06	20	467	0.91	314	0.13	42	1.58	0.01	0.01	1	2
	120-L	3	62	16	211	0.9	51	11	917	2.97	9	5	ND	ND	23	2	2	2	33	0.50	0.09	19	40	0.69	230	0.02	5	1.32	0.01	0.01	1	1
	121-P	5	35	4	115	0.1	46	8	872	2.93	6	5	ND	ND	6	1	2	2	40	0.22	0.03	10	302	0.72	240	0.05	5	1.13	0.01	0.01	1	1
	122-L	3	76	19	193	1.8	50	10	923	2.92	11	5	ND	ND	31	3	2	2	32	1.01	0.10	24	43	0.71	297	0.02	10	1.36	0.01	0.01	1	1
	123-P	3	35	1	110	0.1	43	7	1096	3.19	2	5	ND	ND	6	1	2	2	47	0.33	0.03	7	290	0.83	243	0.08	5	1.30	0.01	0.01	1	1
	124-L	3	63	7	195	0.1	49	9	971	3.01	5	5	ND	ND	21	2	2	2	33	0.48	0.08	18	39	0.72	226	0.02	5	1.28	0.01	0.01	1	1
	89-B-125-R	22	13	14	248	3.4	36	3	314	28.15	1790	5	ND	599	13	11	353	14	30	0.10	0.05	16	225	0.06	78	0.01	673	0.10	0.01	0.03	1	2
	126-R	1	2693	11	100	0.6	64	7	1427	6.77	35	5	ND	ND	92	1	2	2	201	3.27	0.16	3	162	2.47	243	0.20	40	2.10	0.01	0.01	1	4
	127-R	28	371	17	19	2.9	10	6	100	6.88	18	5	ND	ND	24	1	2	2	11	0.05	0.03	4	138	0.06	33	0.01	324	0.28	0.01	0.01	1	1
	89-B-128-R	28	16300	34	159	12.9	144	17	964	17.47	20	5	ND	ND	43	5	2	2	189	0.55	0.13	6	159	1.64	166	0.11	101	1.76	0.01	0.02	1	4

CERTIFIED BY : Rossbach

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.
PROJECT : 1365
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89179
INVOICE # : 90356
DATE ENTERED : 89-07-06
FILE NAME : TEC89179.X
PAGE # : 1

PREFIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	% W	PPB Au	PPM AA	PPM BE
P	89-R-41P	7	62	8	123	0.1	292	22	1323	6.50	69	NA	ND	ND	32	1	5	2	201	3.07	0.15	8	725	3.13	35	0.00	29	3.40	0.19	0.01	4	5	8
L	89-R-42L	5	61	1	111	0.1	663	30	746	5.27	48	NA	ND	ND	12	2	9	2	94	0.61	0.16	2	1124	6.38	22	0.07	43	1.92	0.01	0.01	1	5	3
P	89-R-43P	3	25	1	87	0.1	183	13	622	3.69	27	NA	ND	ND	19	1	2	2	82	0.89	0.11	2	255	1.67	17	0.40	5	1.74	0.01	0.01	1	5	3
L	89-R-44L	6	68	1	126	0.1	441	26	1141	5.91	50	NA	ND	ND	20	1	7	2	127	1.15	0.16	6	567	3.86	36	0.43	34	2.64	0.01	0.01	4	5	5
P	89-R-45P	4	19	1	72	0.1	1179	289	812	12.52	73	NA	ND	ND	5	3	7	6	79	0.22	0.10	1	2544	8.28	26	0.05	165	0.84	0.02	0.01	1	5	3
L	89-R-46L	3	47	1	96	0.1	960	52	1345	5.55	50	NA	ND	ND	14	1	8	2	87	0.54	0.15	2	939	7.38	34	0.17	44	1.65	0.02	0.01	1	5	3
A	89-R-47R	3	3	2	2	0.1	14	1	47	0.37	2	NA	ND	ND	1	1	2	2	3	0.04	0.01	1	228	0.02	2	0.01	5	0.02	0.01	0.01	1	5	1
A	89-R-48R	1	9	1	33	0.1	1112	56	600	3.91	133	NA	ND	ND	55	2	2	2	15	1.59	0.10	1	619	11.73	6	0.01	15	0.18	0.01	0.01	1	5	1
P	89-R-49P	3	24	1	99	0.1	652	59	836	11.45	53	NA	ND	ND	14	3	8	6	99	0.74	0.13	1	1561	5.39	19	0.27	77	1.27	0.02	0.01	2	700	4

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CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.
PROJECT : 1365
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89179
INVOICE # : 90356
DATE ENTERED : 89-07-06
FILE NAME : TEC89179.12
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM NG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPB Au	PPM AA	PPM BE
A	89-G-30R	2	4	8	10	0.6	511	24	640	1.67	18	NA	ND	ND	21	1	2	2	7	0.96	0.07	1	515	6.09	6	0.01	7	0.10	0.01	0.01	1	5	1
A	89-G-31R	2	23	7	19	0.1	24	4	638	0.66	2	NA	ND	ND	1	1	2	2	6	0.09	0.01	3	154	0.09	12	0.05	5	0.09	0.02	0.01	1	5	1
A	89-G-32R	3	28	7	73	0.1	55	13	926	2.13	23	NA	ND	ND	25	1	2	2	39	1.33	0.07	1	138	0.96	26	0.23	9	1.73	0.02	0.01	1	5	2
S	89-G-33S	2	30	5	82	0.1	1417	34	252	5.99	76	NA	ND	NB	5	1	6	2	44	0.04	0.14	3	1435	1.71	22	0.02	21	1.06	0.01	0.01	1	5	2
S	89-G-34S	3	24	6	82	0.1	1077	37	544	5.62	83	NA	ND	ND	10	1	7	3	56	0.10	0.10	7	891	1.98	43	0.05	5	1.44	0.01	0.01	1	5	2
S	89-G-35S	4	18	11	135	1.3	892	21	967	7.85	123	NA	6	NB	39	1	7	4	98	0.16	0.15	5	891	1.17	87	0.01	9	1.80	0.01	0.01	1	150	3
S	89-G-36S	4	11	5	66	0.2	686	23	280	5.58	87	NA	ND	ND	7	1	12	4	70	0.05	0.08	3	1614	2.33	36	0.02	5	1.91	0.01	0.01	1	5	2
S	89-G-37S	3	37	3	133	0.1	1360	86	2507	10.32	177	NA	ND	ND	5	2	8	10	82	0.05	0.18	3	1586	1.48	73	0.03	5	1.06	0.01	0.01	1	5	3
S	89-G-38S	3	40	11	80	0.3	1940	98	2539	7.20	140	NA	ND	ND	6	2	6	4	53	0.10	0.09	8	1214	2.77	45	0.03	5	1.45	0.01	0.01	1	1040	2
S	89-G-39S	4	43	5	119	0.1	2070	114	2637	11.01	194	NA	ND	ND	6	2	11	12	74	0.07	0.19	3	1817	2.72	74	0.02	9	1.53	0.01	0.01	1	30	3
S	89-G-40S	3	24	1	79	0.1	1774	129	3134	7.41	129	NA	ND	ND	7	2	9	6	69	0.06	0.15	3	1919	6.85	60	0.02	15	1.58	0.01	0.01	1	5	2
S	89-G-41S	4	33	7	128	0.1	1236	90	2628	9.63	126	NA	ND	ND	10	2	8	4	122	0.17	0.22	3	1685	5.08	82	0.04	19	2.24	0.01	0.01	1	5	3
S	89-G-42S	1	13	1	46	0.1	2125	98	974	5.57	84	NA	ND	ND	3	2	3	2	34	0.03	0.10	1	1371	12.66	20	0.01	15	0.66	0.01	0.01	1	5	2
S	89-G-43S	1	13	1	56	0.1	2050	108	1330	6.08	88	NA	NB	NB	3	2	4	2	38	0.03	0.11	1	1435	12.52	28	0.01	22	0.88	0.01	0.01	1	5	2
A	89-G-44R	1	10	1	40	0.1	1942	83	1134	4.99	52	NA	ND	ND	2	2	5	2	29	0.02	0.09	1	1418	13.87	13	0.01	48	0.63	0.01	0.01	1	5	2
A	89-G-45R	1	13	1	47	0.1	1555	67	866	4.77	66	NA	ND	ND	2	1	13	2	35	0.02	0.09	1	2110	11.92	18	0.01	53	0.69	0.01	0.01	1	5	2
A	89-G-46R	1	25	1	57	0.1	1940	66	1133	5.65	70	NA	ND	ND	2	2	13	2	49	0.02	0.10	1	2031	13.44	21	0.02	48	0.94	0.01	0.02	1	5	2
S	89-G-47S	2	26	5	103	0.1	2153	91	1578	7.96	70	NA	ND	ND	29	2	6	4	74	0.05	0.10	5	1371	1.76	29	0.01	29	1.28	0.01	0.01	1	5	3
S	89-G-48S	2	50	11	63	0.1	2782	146	938	5.43	84	NA	ND	NB	6	2	5	2	34	0.06	0.09	2	1158	2.41	25	0.02	5	0.82	0.01	0.01	1	5	1
S	89-G-49S	3	27	3	78	0.1	1249	65	1028	5.53	70	NA	ND	ND	13	2	2	2	69	0.15	0.10	8	719	2.23	54	0.05	5	1.30	0.01	0.01	1	5	2
S	89-G-50S	3	26	10	106	0.1	1836	63	1327	7.95	165	NA	NB	ND	21	2	7	4	67	0.16	0.15	4	1459	1.92	53	0.01	13	1.47	0.01	0.01	1	5	2
S	89-G-51S	3	36	9	62	0.1	1941	105	1249	5.97	109	NA	ND	ND	5	2	6	2	47	0.07	0.08	3	1362	2.45	24	0.02	5	1.21	0.01	0.01	1	5	2
S	89-G-52S	3	38	7	87	0.1	1725	84	2096	8.37	124	NA	ND	ND	6	2	7	3	53	0.06	0.10	5	1452	2.06	56	0.02	5	1.27	0.01	0.01	1	5	2
S	89-G-53S	6	49	1	105	0.1	993	31	3389	9.87	111	NA	ND	ND	13	2	4	2	156	0.26	0.21	28	1004	5.12	47	0.02	21	4.32	0.01	0.01	1	50	4
S	89-G-54S	3	24	5	95	0.1	1364	94	2225	7.98	137	NA	ND	ND	7	2	7	2	83	0.06	0.17	4	1661	4.90	67	0.04	12	1.74	0.01	0.01	1	5	3
S	89-G-55S	2	26	7	96	0.1	2182	131	2536	9.20	136	NA	ND	ND	7	1	6	4	46	0.08	0.16	3	1432	3.51	86	0.02	7	1.03	0.01	0.01	1	5	2
A	89-G-56R	1	9	1	36	0.1	1911	73	1105	4.69	64	NA	ND	ND	4	1	3	2	29	0.02	0.08	1	1501	14.40	5	0.01	33	0.63	0.01	0.01	1	5	2
A	89-G-57A	2	3	9	4	2.0	52	3	73	0.40	2	NA	ND	ND	4	1	2	2	3	0.10	0.01	1	212	0.33	1	0.01	5	0.02	0.01	0.01	1	-	1
A	89-G-58A	3	6	250	5	49.9	61	3	112	0.52	3	NA	ND	ND	6	1	2	6	4	0.19	0.01	1	221	0.44	2	0.01	5	0.03	0.01	0.01	1	-	1
A	89-G-59A	3	8	1100	6	138.1	46	2	76	0.46	2	NA	7	ND	4	1	2	9	4	0.10	0.01	1	195	0.43	2	0.01	5	0.02	0.01	0.01	1	-	1
A	89-G-60A	4	4	159	11	27.1	83	3	141	0.79	8	NA	ND	ND	8	1	2	2	4	0.25	0.02	1	217	1.15	3	0.01	5	0.03	0.01	0.01	1	-	1
A	89-G-61R	1	21	1	36	0.1	963	40	837	3.73	59	NA	ND	ND	44	1	2	2	27	2.02	0.11	1	849	9.76	7	0.01	17	0.56	0.01	0.01	1	5	1
A	89-G-62R	2	11	5	19	0.1	1046	53	717	2.78	85	NA	ND	ND	14	1	6	2	16	0.59	0.07	1	837	6.02	6	0.01	5	0.36	0.01	0.01	1	5	1
A	89-G-63R	2	5	4	18	0.1	248	15	366	1.33	21	NA	ND	ND	15	1	2	2	6	0.40	0.03	1	229	1.48	7	0.01	5	0.08	0.01	0.01	1	1480	1

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.
PROJECT : 1365
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89196
INVOICE # : 90366
DATE ENTERED : 89-07-13
FILE NAME : TEC89196.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	% W	PPM AU	PPB AA
PC	89-B-69-P	7	63	5	158	0.1	221	11	906	3.94	27	5	ND	ND	22	1	11	2	64	0.54	0.11	17	466	1.72	159	0.10	154	1.33	0.01	0.02	12	3	5
L	89-B-70-L	6	77	14	222	0.1	389	18	1497	3.70	32	5	ND	ND	42	1	2	2	41	1.07	0.16	24	279	1.33	63	0.02	121	0.81	0.01	0.01	1	1	5

CERTIFIED BY : J. Rossbach

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CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.
PROJECT : 1365
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89167
INVOICE # : 90339
DATE ENTERED : 89-06-29
FILE NAME : TEC89167.I4
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM TE	PPB Au AA
A	89-6-25-A	2	8	538	11	97.3	91	4	72	0.65	25	NA	ND	NB	5	1	2	13	6	0.11	0.01	1	180	0.92	5	0.01	5	0.05	0.01	0.04	1	1	-
A	89-6-26-R	1	6	2	29	0.1	883	39	819	3.07	75	NA	NB	NB	79	1	2	2	18	2.61	0.03	1	608	10.63	16	0.01	13	0.29	0.01	0.03	1	1	5
A	89-6-27-A	2	5	89	5	22.6	29	2	66	0.37	15	NA	ND	NB	2	1	2	4	2	0.07	0.01	1	202	0.14	4	0.01	5	0.01	0.01	0.02	1	1	-
A	89-6-28-A	2	5	278	4	39.6	27	2	39	0.31	2	NA	ND	NB	1	1	2	6	2	0.02	0.01	1	195	0.08	2	0.01	5	0.01	0.01	0.02	1	1	-
A	89-6-29-A	2	5	245	11	47.7	39	2	127	0.56	10	NA	ND	NB	8	1	2	6	3	0.12	0.01	1	188	0.35	6	0.01	5	0.02	0.01	0.02	1	1	-

CERTIFIED BY : T. Rossbach

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CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.
PROJECT : 1365
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89179
INVOICE # : 90356
DATE ENTERED : 89-07-06
FILE NAME : TEC89179.I4
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM HE
A	89-T-45-R	4	3	9	34	0.3	599	21	270	1.82	89	NA	ND	ND	14	1	8	2	33	0.38	0.04	1	636	2.74	4	0.01	5	1.34	0.01	0.02	1	1
A	89-T-46-R	2	3	35	4	5.1	29	1	37	0.34	2	NA	ND	ND	1	1	2	2	4	0.01	0.01	1	194	0.04	1	0.01	5	0.03	0.01	0.01	1	1
A	89-T-48-R	3	2	1	2	0.1	18	1	32	0.30	2	NA	ND	ND	1	1	2	2	2	0.01	0.01	1	187	0.01	1	0.01	5	0.01	0.01	0.01	1	1
A	89-T-49-R	2	3	1	8	0.1	64	1	83	0.53	11	NA	ND	ND	1	1	2	2	4	0.01	0.01	1	184	0.03	2	0.01	5	0.05	0.01	0.01	1	1
A	89-T-50-R	3	3	107	5	13.0	35	2	87	0.39	2	NA	ND	ND	1	1	2	3	3	0.02	0.01	1	236	0.02	3	0.01	5	0.01	0.01	0.01	1	1
A	89-T-51-R	3	5	43	14	1.0	131	8	262	0.71	7	NA	ND	ND	1	1	2	2	6	0.01	0.01	1	420	0.35	16	0.01	5	0.08	0.01	0.01	1	1
A	89-T-52-R	2	2	7	6	0.1	30	1	44	0.41	5	NA	ND	ND	1	1	2	2	3	0.01	0.01	1	215	0.01	1	0.01	5	0.02	0.01	0.01	1	1
A	89-T-53-R	2	3	1	2	0.1	14	1	51	0.29	2	NA	ND	ND	1	1	2	2	2	0.01	0.01	1	201	0.01	1	0.01	5	0.01	0.01	0.01	1	1
A	89-T-54-R	2	2	1	1	0.3	9	1	34	0.29	2	NA	ND	ND	1	1	2	2	2	0.01	0.01	1	225	0.01	1	0.01	5	0.01	0.01	0.01	1	1
A	89-T-76-R	1	7	1	33	0.1	1269	62	821	3.89	36	NA	ND	ND	7	1	5	2	21	0.10	0.08	1	1101	10.94	61	0.01	23	0.19	0.01	0.01	1	1
A	89-T-77-R	3	15	7	15	0.1	21	2	393	0.82	2	NA	ND	ND	2	1	2	2	5	0.04	0.02	3	196	0.19	17	0.01	5	0.24	0.01	0.01	1	1
A	89-T-78-R	1	7	7	31	0.1	9	1	86	0.94	2	NA	ND	ND	2	1	2	2	4	0.05	0.03	24	72	0.04	10	0.01	21	0.09	0.02	0.01	1	1
A	89-T-79-R	1	9	11	229	0.1	7	1	107	1.40	2	NA	ND	ND	5	1	2	2	7	0.07	0.03	144	43	0.02	44	0.01	67	0.15	0.03	0.01	1	2
A	89-T-80-R	1	6	18	51	0.1	4	1	57	1.14	2	NA	ND	ND	3	1	2	4	8	0.06	0.03	53	46	0.01	15	0.01	13	0.12	0.03	0.01	1	1
A	89-T-81-R	3	12	1	20	0.1	12	1	207	0.78	2	NA	ND	ND	6	1	2	2	7	0.02	0.02	3	144	0.10	52	0.01	5	0.19	0.01	0.01	1	1
A	89-T-82-R	2	5	1	4	0.1	8	1	73	0.26	2	NA	ND	ND	13	1	2	3	3	0.09	0.01	1	173	0.01	61	0.01	5	0.02	0.01	0.01	1	1
A	89-T-83-R	3	6	3	7	0.1	9	1	986	0.52	2	NA	ND	ND	18	1	2	2	3	0.38	0.02	1	187	0.08	54	0.01	5	0.09	0.01	0.01	1	1
A	89-T-84-R	2	7	2	6	0.1	9	1	200	0.28	2	NA	ND	ND	18	1	2	2	2	0.38	0.01	3	164	0.01	6	0.01	5	0.02	0.01	0.01	1	1
A	89-T-85-R	2	11	1	7	0.1	9	1	273	0.63	2	NA	ND	ND	5	1	2	2	3	0.01	0.01	1	150	0.01	44	0.01	5	0.05	0.01	0.01	1	1
A	89-T-86-R	2	6	1	8	0.1	9	1	170	0.43	2	NA	ND	ND	1	1	2	3	3	0.02	0.01	1	164	0.06	10	0.01	5	0.09	0.02	0.01	1	1
A	89-T-88-R	3	34	1	53	0.1	22	2	560	0.68	4	NA	ND	ND	176	1	2	3	6	1.50	0.05	3	160	0.10	23	0.01	5	0.17	0.01	0.01	1	1
A	89-T-90-R	2	11	9	18	0.1	12	1	400	0.71	2	NA	ND	ND	27	1	2	5	6	0.04	0.02	3	130	0.02	49	0.01	5	0.09	0.02	0.01	1	1
P	89-T-59-P	3	18	1	111	0.1	1176	56	948	8.85	39	NA	ND	ND	7	3	11	2	57	0.70	0.11	1	1858	11.05	18	0.06	44	0.89	0.02	0.01	1	2
P	89-T-55-P	3	30	1	71	0.1	987	50	942	6.37	36	NA	ND	ND	12	2	8	2	67	0.46	0.13	5	1280	9.12	17	0.19	34	1.45	0.02	0.01	10	3
P	89-T-57-P	4	26	3	101	0.1	933	78	1330	13.80	58	NA	7	ND	7	2	13	16	76	0.64	0.11	1	2321	7.56	119	0.10	64	0.81	0.03	0.01	4	3
P	89-T-62-P	3	43	1	186	0.1	677	37	927	7.35	34	NA	ND	ND	17	2	7	2	57	0.65	0.11	3	1105	7.11	34	0.13	43	0.98	0.03	0.01	2	2
P	89-T-64-P	3	25	1	86	0.1	903	52	1379	8.81	44	NA	ND	ND	11	2	5	2	75	0.54	0.11	3	1562	7.97	19	0.36	27	1.49	0.03	0.01	1	4
P	89-T-66-P	3	28	1	184	0.1	801	49	1166	10.15	42	NA	ND	ND	11	2	5	4	56	0.70	0.11	1	1803	7.37	27	0.08	28	0.89	0.03	0.01	3	2
P	89-T-68-P	4	55	9	138	0.1	143	10	1072	6.32	35	NA	ND	ND	85	2	2	6	109	0.94	0.18	11	302	2.53	97	0.19	31	1.58	0.07	0.01	4	3
P	89-T-70-P	4	39	1	153	0.1	833	70	1377	13.71	54	NA	7	ND	12	2	13	16	77	0.74	0.12	3	2249	6.39	23	0.19	42	0.94	0.03	0.01	2	3
P	89-T-72-P	3	33	4	139	0.1	651	39	1123	9.72	43	NA	ND	ND	23	2	6	8	80	0.67	0.13	3	1386	5.97	37	0.15	34	1.11	0.03	0.01	1	3
P	89-T-74-P	4	39	5	133	0.1	520	36	1158	10.73	49	NA	5	ND	34	2	6	14	113	0.83	0.14	6	1324	4.89	49	0.23	52	1.15	0.04	0.01	3	4
P	89-T-89-P	13	82	15	187	0.1	83	9	1278	3.91	29	NA	ND	ND	22	1	2	5	29	0.18	0.07	83	219	0.44	381	0.02	13	0.94	0.02	0.01	1	2
P	89-T-91-P	9	70	8	157	0.1	75	5	1193	3.79	23	NA	ND	ND	23	1	2	3	38	0.31	0.07	73	209	0.56	243	0.08	5	1.11	0.01	0.01	1	2
P	89-T-93-P	8	53	8	120	0.1	70	3	864	3.66	22	NA	ND	ND	28	1	4	4	50	0.50	0.07	26	276	0.69	163	0.16	5	1.23	0.02	0.01	1	2
P	89-T-95-P	8	47	9	126	0.1	70	4	930	3.77	21	NA	ND	ND	27	1	3	2	53	0.51	0.07	21	239	0.72	142	0.17	5	1.22	0.02	0.01	1	2
P	89-T-97-P	7	44	8	131	0.1	70	3	907	4.08	20	NA	ND	ND	32	1	3	4	64	0.65	0.08	28	286	0.75	136	0.23	5	1.30	0.02	0.01	1	3
L	89-T-56-L	2	37	1	62	0.1	1313	60	943	4.88	32	NA	ND	ND	12	2	4	2	67	0.50	0.12	2	1126	10.91	24	0.11	18	1.49	0.01	0.01	1	3
L	89-T-58-L	1	25	1	57	0.1	1332	57	863	5.26	41	NA	ND	ND	6	1	6	2	41	0.38	0.12	1	1085	10.74	24	0.04	31	0.87	0.01	0.01	1	2
L	89-T-60-L	2	30	1	88	0.1	1132	55	914	4.02	48	NA	ND	ND	14	1	5	2	34	0.47	0.12	2	886	8.92	35	0.03	25	0.84	0.01	0.01	1	2

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CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.
PROJECT : 1365
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89179
INVOICE # : 90356
DATE ENTERED : 89-07-06
FILE NAME : TEC89179.I4
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM HG
L	89-T-61-L	2	27	9	94	0.1	473	14	851	3.42	25	NA	NO	NO	11	1	6	3	43	0.31	0.08	4	467	2.84	40	0.14	5	0.98	0.01	0.01	1	2
L	89-T-63-L	2	46	1	201	0.1	896	50	1037	5.32	26	NA	NO	NO	12	3	5	2	36	0.35	0.11	3	781	8.23	29	0.06	16	0.81	0.01	0.01	1	2
L	89-T-65-L	3	35	1	72	0.1	1162	53	958	4.85	34	NA	NO	NO	9	2	8	2	66	0.40	0.12	2	1058	9.71	24	0.09	19	1.45	0.01	0.01	1	2
L	89-T-67-L	2	37	1	227	0.1	902	47	830	5.12	28	NA	NO	NO	15	2	4	2	36	0.41	0.11	3	816	8.24	28	0.05	19	0.84	0.01	0.01	1	2
L	89-T-69-L	3	49	4	134	0.1	181	17	1138	4.71	29	NA	NO	NO	68	1	2	2	69	0.94	0.27	17	197	2.34	66	0.12	5	1.58	0.02	0.01	1	3
L	89-T-71-L	2	35	1	149	0.1	1095	55	942	5.89	31	NA	NO	NO	12	2	6	2	49	0.42	0.12	2	1047	9.94	23	0.08	20	1.06	0.01	0.01	1	2
L	89-T-73-L	3	35	2	137	0.1	628	35	864	5.47	33	NA	NO	NO	34	2	8	2	56	0.60	0.15	7	645	5.58	46	0.08	9	1.22	0.01	0.01	1	2
L	89-T-75-L	3	42	2	134	0.1	662	36	1007	4.50	29	NA	NO	NO	31	2	5	2	48	0.57	0.14	6	604	6.15	44	0.09	11	1.10	0.01	0.01	1	2
L	89-T-87-L	12	15	1	161	0.1	34	6	7837	13.71	29	NA	NO	NO	55	2	2	6	17	0.59	0.19	12	109	0.16	471	0.01	31	0.54	0.01	0.01	1	1
L	89-T-92-L	8	98	14	206	0.1	82	5	3741	3.93	21	NA	NO	NO	47	2	2	2	18	0.75	0.15	32	56	0.33	258	0.01	5	0.96	0.01	0.01	2	1
L	89-T-94-L	5	62	6	116	0.1	81	4	778	3.00	17	NA	NO	NO	30	1	2	2	27	0.49	0.09	21	80	0.65	135	0.03	5	1.06	0.01	0.01	1	1
L	89-T-96-L	5	54	7	110	0.1	74	5	916	2.82	12	NA	NO	NO	23	1	2	2	27	0.38	0.08	18	80	0.58	100	0.04	5	0.87	0.01	0.01	1	1
L	89-T-98-L	5	70	8	134	0.1	90	3	983	2.94	15	NA	NO	NO	36	1	2	2	25	0.60	0.09	21	87	0.68	155	0.02	5	1.15	0.01	0.01	1	1
S	89-T-47-S	2	33	1	82	0.1	1800	113	2038	7.27	76	NA	NO	NO	4	1	17	2	69	0.04	0.16	1	1906	9.42	45	0.02	42	1.37	0.01	0.01	1	2
A	89-T-37-R	2	32	3	49	0.1	20	2	2075	1.35	6	NA	NO	NO	238	1	2	2	8	5.75	0.10	4	122	0.38	25	0.01	5	0.52	0.01	0.01	1	1
A	89-T-38-R	1	12	5	31	0.1	2	1	456	0.83	5	NA	NO	NO	41	1	2	2	4	1.43	0.06	4	38	0.18	42	0.01	5	0.44	0.04	0.01	1	1
A	89-T-39-R	2	3	1	4	0.1	25	1	52	0.33	2	NA	NO	NO	2	1	2	2	2	0.04	0.01	1	179	0.02	2	0.01	5	0.02	0.01	0.01	1	1
A	89-T-40-R	1	2	1	11	0.1	66	1	51	0.53	10	NA	NO	NO	2	1	2	2	4	0.02	0.01	1	168	0.03	2	0.01	5	0.06	0.01	0.01	1	1
A	89-T-41-R	3	3	3	3	0.1	28	1	42	0.34	2	NA	NO	NO	2	1	2	2	2	0.02	0.01	1	203	0.03	1	0.01	5	0.02	0.01	0.01	1	1
A	89-T-42-R	2	2	1	1	0.1	13	1	32	0.28	2	NA	NO	NO	1	1	2	2	2	0.01	0.01	1	187	0.01	1	0.01	5	0.01	0.01	0.01	1	1
A	89-T-43-R	3	3	1	2	0.1	14	1	28	0.28	2	NA	NO	NO	5	1	2	2	2	0.05	0.01	1	195	0.03	1	0.01	5	0.01	0.01	0.01	1	1
A	89-T-44-R	2	3	6	2	3.0	12	1	39	0.28	2	NA	NO	NO	1	1	2	2	2	0.02	0.01	1	182	0.02	1	0.01	5	0.01	0.01	0.01	1	1

CERTIFIED BY :

TRACE LEVEL GEOCHEMICAL ANALYSIS

A. ATOMIC ABSORPTION MULTI ELEMENT PACKAGE.

Digestion by $HClO_4$ / HNO_3 or Aqua Regia.
First element $2.25
Subsequent element $0.75

ELEMENT	DETECTION LIMIT		UPPER LIMIT
Arsenic	2	ppm	1.0%
Copper	1	ppm	1.0%
Molybdenum	1	ppm	1.0%
Lead	2	ppm	1.0%
Zinc	1	ppm	1.0%
Silver	0.1	ppm	20 ppm
Nickel	2	ppm	1.0%
Cobalt	2	ppm	1.0%
Cadmium	0.2	ppm	1.0%
Manganese	5	ppm	1.0%
Iron	5	ppm	10.0%
Chromium	2	ppm	0.1%

Background correction applied.

B. ICP MULTI ELEMENT PACKAGE.

a. Digestion by Aqua Regia
6 elements $5.00
12 elements $6.00
All elements $7.00

b. Digestion by $HClO_4$ / HNO_3 / HF mixture (Total)
24 elements $12.00

Aluminum	0.01%	* Magnesium	0.01%
Antimony	3 ppm	Manganese	1 ppm
Arsenic	3 ppm	Mercury	3 ppm
Barium	1 ppm	Molybdenum	1 ppm
* Beryllium	1 ppm	Nickel	1 ppm
Bismuth	3 ppm	Phosphorus	0.001%
* Boron	1 ppm	* Silicon	0.001%
Cadmium	0.5 ppm	* Sodium	0.01%
* Calcium	0.01%	* Strontium	1 ppm
* Chromium	1 ppm	* Titanium	0.01%
Cobalt	1 ppm	* Tungsten	3 ppm
Copper	1 ppm	Uranium	10 ppm
Iron	0.01%	Silver	0.2 ppm
Gold	3 ppm	Vanadium	1 ppm
* Lanthanum	1 ppm	Zinc	1 ppm
Lead	2 ppm		

Elements for which the digestion is possibly incomplete are marked with an asterisk.

C. NOBEL METALS GEOCHEMICAL ANALYSIS.

Gold, Aqua Regia / AA Finish	5 ppb	$4.75
Gold, Fire Assay / AA Finish	5 ppb	$7.25
Gold & Platinum & Palladium, Fire Assay / AA Finish,	2 ppb, 15 ppb, 2 ppb	$15.00

D. SPECIFIC ELEMENTS.

ELEMENT	DETECTION LIMIT	UPPER LIMIT	PRICE
Antimony	1 ppm	0.1%	$4.00
Arsenic	1 ppm	1.0%	4.00
Barium	10 ppm	1.0%	4.50
Beryllium	0.1 ppm	0.1%	5.00
Bismuth	2 ppm	0.1%	4.00
Chromium	5 ppm	1.0%	4.50
Fluorine	10 ppm	1.0%	5.00
Lithium	1 ppm	1.0%	4.50
L.O.I.	0.01%	100%	4.00
Mercury	10 ppb	0.01%	2.75
Rubidium	1 ppm	1.0%	5.00
Selenium	1 ppm	0.1%	5.00
Strontium	1 ppm	1.0%	4.50
Sulfur	0.1%	100%	7.00
Tellurium	0.1 ppm	0.1%	6.00
Thallium	0.5 ppm	0.1%	5.00
Tin	2 ppm	0.1%	4.25
Tungsten	2 ppm	0.1%	4.25

E. PH ANALYSIS.

Soil, Silt and Water	$4.00

F. SPECIFIC GRAVITY.

	$4.50

DISCOUNT POLICIES
All prices are on an individual basis, discounts may be negotiated for large volumes or contracts.

ORE-GE ANALYSI

ELEMENT
Aluminum
Antimony
Arsenic
Barium
Bismuth
Cadmium
Calcium
Chromium
Cobalt
Copper (Total)
Copper (Non Sulphide)
Fluorine
Gold (A.A.)
Gold (F.A.)
Gold and Silver (F.A.)
Iron (Total)
Lead
Magnesium
Manganese
Mercury
Molybdenum (Total)
MoS_2 or MoO_3
Nickel
Phosphorus
Potassium
Silica (Fusion)
Silver (A.A.)
Sodium
Sulphur
Tin
Titanium
Tungsten
Uranium
Vanadium
Zinc

• CLASSICAL WHOLE ROCK AN

SiO_2, Al_2O_3, Fe as Fe_2O_3, MgO

K_2O, TiO_2, P_2O_5, MnO, BaO, C

JAN. 1989

ANALYTICAL METHODS CURRENTLY IN USE AT ROSSBACHER LABORATORY LTD.

A. SAMPLE PREPARATION:

1. Geochem Soil and Silt: Samples are dried, and sifted to minus 80 mesh, through stainless steel or nylon screens.

2. Geochem Rock : Samples are dried, crushed to minus 1/4 inch, split, and pulverized to minus 100 mesh.

B. METHODS OF ANALYSIS:

1. Multi-element (Mo, Cu, Ni, Co, Mn, Fe, Ag, Zn, Pb, As, Cd, Cr): 0.50 g sample is digested for four hours with a 15:85 mixture of Nitric-Perchloric acids.
The resulting extract is analyzed by Atomic Absorption Spectroscopy, using Background Correction where appropriate.

2. Tungsten: 0.50 g sample is sintered with a carbonate flux, and dissolved.
The resulting extract is analyzed colorimetrically , after reduction with Stannous Chloride, by use of Potassium Thiocyanate.

3. Tin: 0.50 g sample is sublimated by fusion with Ammonium Ildide, and dissolved.
The resulting solution is extracted by a Trioctylphosphine-Methyl Isobutyl Ketone solution and analyzed by Atomic Absorption Spectroscopy.

4. Fluorine: 0.50 g sample is fused with a carbonate flux and then dissolved.
The resulting solution is analyzed by use of an Ion Selective Electrode.

5. Gold: 10.0 g sample is digested with aqua regia.
The resulting solution is subjected to a Methyl Isobutyl Ketone extraction, which extract is analyzed for gold using Atomic Absorption Spectroscopy.

6. pH: An aqueous suspension of soil, or silt is prepared, and its pH is measured by use of a pH meter.

7. Antimony: 0.50 g sample is fused with Ammonium Chloride and dissolved.
The resulting solution is extracted with a Trioctylphosphine-Methyl Isobutyl Ketone solution and analyzed by Atomic Absorption Spectroscopy.

8. Barium: 0.50 g sample is repeatedly digested with $HClO_4$-HNO_3 and HF.
The solution is analyzed by Atomic Absorption Spectroscopy.

9. Mercury: 0.50 g sample is digested with HNO_3-H_2SO_4.
The solution is analyzed by Atomci Absorption Spectroscopy using a cold vapor generation technique.

10. Rapid Silicate Analysis: 0.100 g sample is fused with Lithium Metaborate and dissolved in HNO_3.
The solution is analyzed by Atomic Absorption for SiO_2, Al_2O_3, Fe_2O_3, MgO, CaO, Na_2O, K_2O, TiO_2 and MnO.

11. Partial extraction and Fe/Mn oxides: 0.50 g sample is extracted using one of the following:
Hot or cold 0.5 N HCl, 2.5% E.D.T.A., Ammonium Citrate, or other selected organic acids.
The solution is analyzed by use of Atomic Absorption Spectroscopy.

12. Biogeochemical: Samples are dried, and ashed at 500°C and the resulting ash analyzed as in No. 1 multi-elemental analysis.

13. ICP analysis: 0.50 g sample is digested with aqua regia.
The resulting solution is diluted and analyzed using an ICP instrument manufactured by Jobin Yvon (Model JY 32, 1987).
The following elements are included in the 30-element analysis:
Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Si, Sr, Ti, U, V, W, Zn.

SOURCE CLAIMS — LORNE WARREN

TL 3 CLAIM — NORANDA

GOLD CLAIMS — L. WARREN

NORANDA

T A K L A

F O R E

R A N G E S

G114
G113
G112
G110, 111
G108, 9
G106, 7
G30
G31
G32
G60, 1, 2, 3
G57, 61, 62, 63, 64, 65, 66, 67, 68, 69
G25, 6, 7
G26, 29

R41P, 42L
R43P, 44L
R45P, 46L
R47P, 48L
R49R, 50L (700)
R51P
R52P, 53L

D29P, 30L
D31P, 32L (120)
D33P
D27P, 28L
D34R, 35L
G21-24
D25P, 26L
D23L, 24P
D69P, 70L
D97
D99
D98
D96
D96

T59P, 60L
T57P, 58L (2900)
T55P, 56L
T61L
T62P, 63L (110)
T64P, 65L
T66P, 67L
T70P, 71L
T68P, 69L
T72P, 73L

LCP

Auriferous Quartz Vein

25	0.212 oz/ton
27	0.033 " "
28	0.048 " "
29	0.112 " "
35	150
38	1040
39	30
53	30
57	0.007 oz/ton
58	0.052 " "
59	0.238 " "
60	0.080 " "

55°37'N

125°45'W

1575

1250

1050

LEGEND

- • Soil sample
- ▲ Silt and/or pan sample
- ○ Rock sample (outcrop, subcrop)
- G III Sample numbers (with sampler code)
- P Pan
- L Silt
- *122* *Au*

Only values > 5ppb Au are shown.
All values are in ppb except as indicated

GEOLOGICAL BRANCH ASSESSMENT REPORT

20,077

0 200 500 meters

FIGURE 3

TECK EXPLORATIONS LTD.

SAMPLE LOCATIONS & GEOCHEMISTRY

Scale - 1:10000

5186/90 32 240