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REPORT ON  
GEOCHEMICAL SOIL SURVEY  
BUSH CLAIM GROUP  
TATSAMENIE LAKE AREA  
ATLIN MINING DIVISION, B.C.

by

A.I. BETMANIS, P. Eng.

OWNER: Teck Corporation  
OPERATOR: Teck Corporation  
CLAIMS: Bush #3357 (16 units)  
Whatnot #3407 (20 units)  
NTS: 104 K/8W  
LATITUDE: 58° 23'N  
LONGITUDE: 132° 29'W

October 11, 1991  
Vancouver, B.C.

G E O L O G I C A L   B R A N C H  
A S S E S S M E N T   R E P O R T

21,718

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Figure 1      Claim Map  
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following 3  
In pocket

## INTRODUCTION

The Bush Group of claims was staked in 1988 on the basis of anomalous gold and copper values in stream silts obtained from a government RGS survey. Preliminary prospecting and follow-up silt sampling confirmed anomalous stream silts and located minor chalcopyrite and pyrite mineralization on the property. Geologically the property is underlain by basic volcanics. Minor diorite intrusive was located, suggesting the possibility of a porphyry copper-gold system in the area. In 1991 a soil sampling program was undertaken to determine the extent of mineralization.

## LOCATION AND ACCESS

The property is located 4 kilometres east of Metlatulin Mountain and 7 kilometres west of the northern end of Tatsamenie Lake, in the Atlin Mining Division, northwestern British Columbia. Geographical co-ordinates are 58°23'N, 132°29'W (NTS 104 K/8W).

Access to the property is by helicopter from Telegraph Creek or Dease Lake. Elevations on the property range from 1,100 metres to 1,800 metres mainly above timber line. Several helicopter landing sites are possible on ridgetops or in creek valleys.

## CLAIMS AND OWNERSHIP

Both the Bush claims and Whatnot claim, which comprise the Bush Group, were staked on July 29, 1988. The Bush claim was staked by Lornex Mining Corp. Ltd. and recorded prior to the Whatnot claim. The Whatnot claim was staked by Teck Corporation.

In December 1988 the Bush claim was acquired by Teck Corporation from Rio Algom Limited through the dissolution of Lornex. Claim data are listed below.

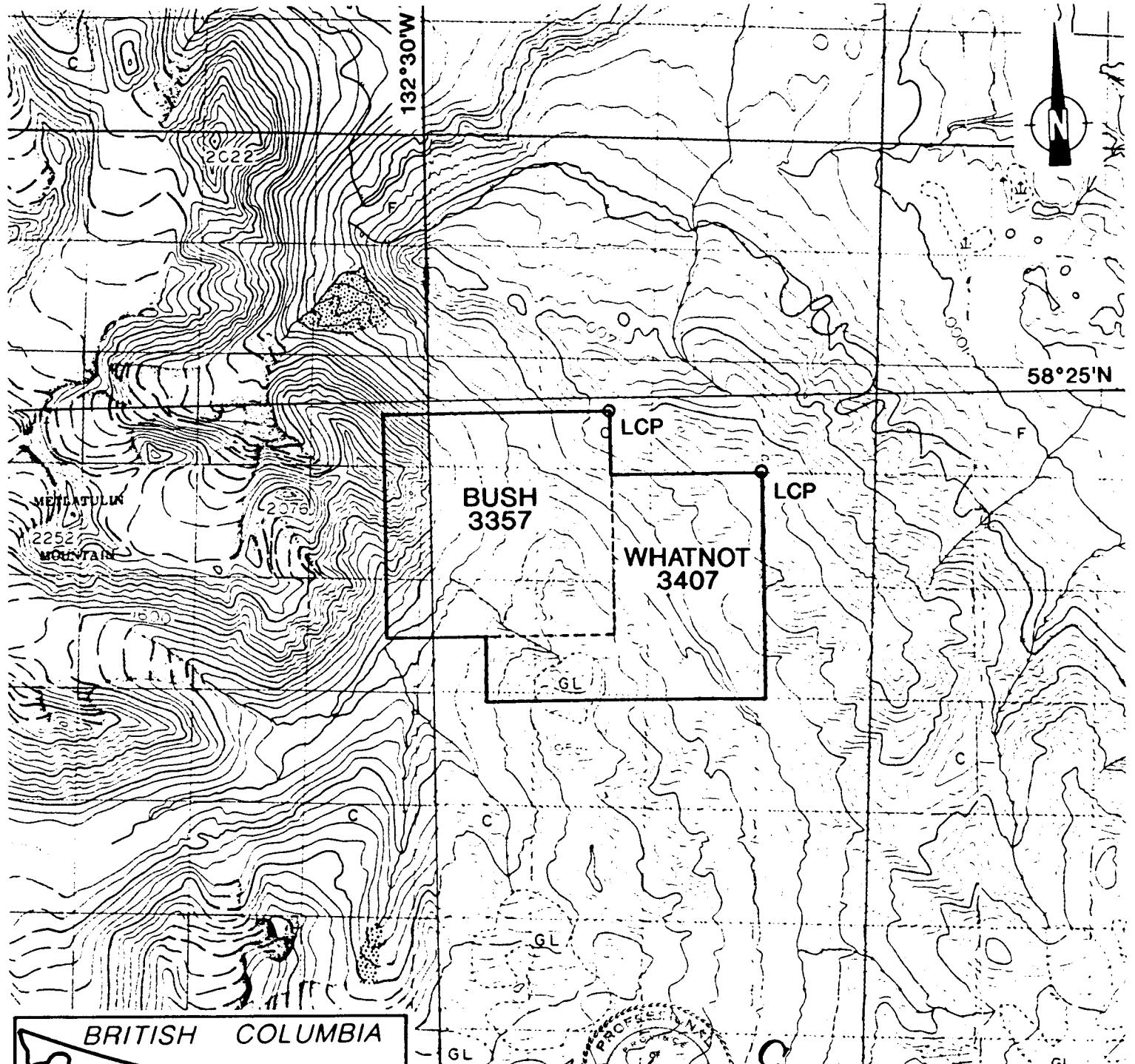
<u>Claim</u>	<u>Units</u>	<u>Record Number</u>	<u>Expiry Date *</u>
Bush	16	3357	2 August 1993
Whatnot	20	3407	24 August 1993

Teck Corporation is the recorded owner of the claims. The Bush and Whatnot claims were grouped into the Bush Group on August, 1989 (Notice to Group #59).

\* Upon acceptance of this work.

## PREVIOUS WORK

There is no evidence of any previous exploration work on the property prior to the staking of the Bush claim group.



**TECK CORPORATION**  
**ATLIN MINING DIVISION, B.C.**  
**BUSH GROUP**  
**CLAIM MAP**

NTS:104K/8W 1:50000 FIG.1

In 1989 a follow-up stream sediment sampling and reconnaissance prospecting and rock sampling program was carried out by Coast Mountain Geological Ltd. for Teck Corporation. All streams draining the property were sampled and reconnaissance geological traverses completed to outline roughly the geology. Float and outcrop samples were collected from altered and sulphide or copper oxide mineralized rocks. A number of the stream silt samples were considered moderately anomalous in copper and gold. A few of the rock samples were highly anomalous.

Most of the property was found to be underlain by mafic augite porphyry volcanics with several schistose or shear zones. Diorite float was found in the northern part of the property.

## **GENERAL GEOLOGY AND MINERALIZATION**

Regional geology of the Tulsequah Map Area, including the Bush Group has been mapped by J.G. Souther (GSC Memoir 362). Souther shows the property as being underlain mainly by Pre-Upper Triassic volcanics, largely altered to greenstone, and phyllite, which are overlain by Upper Triassic Stuhini Group basic volcanics at the western edge of the property. To the east a Lower or Middle Triassic (?) diorite is shown, which may be related to the minor diorite mapped on the property in 1989. The regional geology does not show any known mineralization in the property area, but a copper and an antimony showing are indicated in similar, but hydrothermally altered, rocks on the north shore of Tatsamenie Lake, about nine kilometres to the southeast.

The augite porphyry volcanics mapped in 1989 probably belong to the Pre-Upper Triassic greenstone altered volcanics, and the schistose or sheared zones may be interbedded phyllitic greenstones. Mineralization observed during 1989 includes malachite, chalcopyrite and pyrite in narrow shear zones and quartz-carbonate veinlets.

## **SUMMARY OF WORK**

The geochemical soil sampling program was completed between July 15 and 19, 1991 by a geotechnician and assistant employed by Teck Exploration Ltd. Due to the short duration of the program, crews were transported daily to the property by a Trans North Air Ltd. helicopter based in Telegraph Creek, B.C. The originally planned soil grid was not practical due to rugged topography, and had to be modified to contour sampling lines.

A total of 194 soil samples were collected at 50 metre intervals from six lines tied into claim corners where possible, or to distinct topographical features on the property. Sample sites were marked by station numbered flagging. Samples were collected from B horizon soils generally at 15 to 25 centimetre depths, placed in Kraft soil sample bags, and shipped to Chemex Labs Ltd. in North Vancouver for gold (10g FA-ASS) and 24 element ICP analyses on the minus 80 mesh fraction. Five rock samples were collected and analysed likewise for gold and 24 element ICP after a 150 mesh ring grind. Gold values of  $\geq 5$  ppb Au and all

copper values are shown on Map 2, and complete geochemical analyses given in Appendix II.

## DISCUSSION OF RESULTS

Several moderately anomalous gold values were obtained, mainly at the north end of the property, but no anomalous zones as such are indicated. It is most likely that the values are indicative of proximity to auriferous veinlets or shear zones.

Copper values are generally low for a basic environment but become more elevated (200 to plus 300 ppm Cu) in the north to northeast sector of the surveyed area. The high gold values are in the general zone of higher copper values.

Results of the five rock chip samples collected are tabulated below:

<u>Sample</u>	<u>ppb Cu</u>	<u>ppb Au</u>	<u>Description</u>
3101	137	> 5	10x30m area qtz-cb stockwork.
3102	120	> 5	5cm qtz vein N26°E, 60°E
3103	>10,000	> 5	Qtz-cb-cp float
3104	4,650	> 5	10cm py-cp-mal. vein N30°E 52°E
3105	1,250	> 5	Greenstone with cp

The rock samples are not typical of a porphyry copper type of mineralization, but suggestive of veinlet and possibly shear or stockwork mineralization. If the mineralization is related to a porphyry copper system, then the source is quite distal.

## CONCLUSIONS

The current geochemical sampling program failed to indicate significant anomalous zones, but suggests that increasing copper and gold values may occur further to the north and northeast. A modest program of additional sampling and prospecting should be done to test the area.

Respectfully submitted,



A. I. BETMANIS

BRITISH COLUMBIA

PROFESSIONAL ENGINEER

October 11, 1991

Vancouver, B.C.

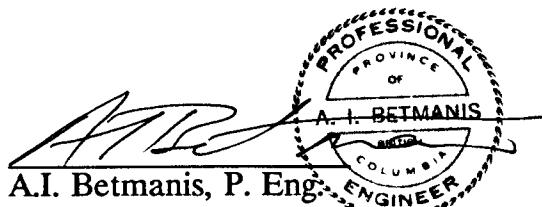
**REFERENCES**

- Schellenberg, G. (1989): **1989 Summary Report on the Bush Group**; assessment report dated October 1989; prepared by Coast Mountain Geological Ltd. for Teck Corporation.
- Souther, J.G. (1971): **Geology and Mineral Deposits of Tulsequah Map-Area,B.C.** G.S.C. Memoir 362.

## STATEMENT OF QUALIFICATIONS

I, Andris I. Betmanis, do hereby certify that:

1. I am a geologist residing at 2600 Belloc Street, North Vancouver, B.C;
2. I am a graduate of the University of Toronto with a degree of BASc in Applied Geology (1965);
3. I am a registered member of the Association of Professional Engineers of the Province of British Columbia, registration number 8336;
4. I have practised my profession as an exploration geologist continuously for the past 25 years as an employee of Teck Exploration Ltd. or associated companies in various parts of Eastern and Western Canada, Western U.S.A., South America, and the Caribbean;
5. The geochemical sampling program on the Bush Group of mineral claims described in this report was done under my direction.



A.I. Betmanis, P. Eng.

**STATEMENT OF QUALIFICATIONS**

I, Gudmund Lovang, with residence at 1132 Semlin Drive, Vancouver, B.C., do hereby certify that:

1. I have been employed by Teck Exploration Ltd., or its associated companies, as a geotechnician and field party chief in mineral exploration continuously for the past 20 years within British Columbia, Western U.S.A. and Ontario;
2. I have completed geophysical and geological courses at the B.C. Institute of Technology;
3. I have completed geochemical courses at the University of British Columbia;
4. I supervised the field work on the Bush Group of mineral claims described in this report.

Gudmund Lovang

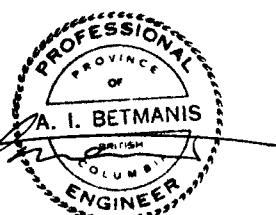
**APPENDIX I**  
**STATEMENT OF COSTS**

## STATEMENT OF COSTS

(July 15 - 19, 1991)

<u>Labour</u> (Teck Exploration Ltd.)	
G. Lovang, 4 days @ \$210.00/day	\$ 840.00
K. Chubb, 4 days @ \$175.00/day	<u>\$ 700.00</u>
Total Labour	\$1,540.00
<u>Transportation</u>	
TNA Helicopter charter 7.8 hrs @ \$708.00/hr	\$5,522.40
Mob, demob, truck rental, fuel	<u>400.00</u>
Total Travel	\$5,922.40
<u>Analyses</u> (Chemex Labs Ltd.)	
194 soil sample analyses @ \$19.50 ea.	\$3,783.00
5 rock sample analyses @ \$22.85 ea.	114.25
Sample shipping, soil bags etc.	<u>150.00</u>
Total Analyses	\$4,047.25
<u>Accommodation</u>	
8 man-days Telegraph Creek @ \$60.00/day	\$ 480.00
Report Preparation, Drafting	<u>250.00</u>
Grand Total	<u>\$12,239.65</u>

The above costs exceed the original estimate of \$11,080.00 declared on the Statement of Work filed July 22, 1991.



A.I. Betmanis

The seal is circular with the words "PROFESSIONAL ENGINEER" around the perimeter. Inside the circle, it says "PROVINCE OF BRITISH COLUMBIA" and "A. I. BETMANIS" in the center.



**Chemex Labs Ltd.**  
 Analytical Chemists • Geochemists • Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

## CERTIFICATE

A9118629

TECK EXPLORATIONS LIMITED

Project: BUSH 1362  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
 This report was printed on 1-AUG-91.

SAMPLE PREPARATION		
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	5	Geochem ring to approx 150 mesh
294	5	Crush and split (0-10 pounds)
285	5	ICP - HF digestion charge

To: TECK EXPLORATIONS LIMITED

11TH FLOOR, 1199 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6E 2K5

A9118629

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	5	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	5	Ag ppm: 24 element, rock & core	AAS	0.5	200
573	5	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	5	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	5	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	5	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	5	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	5	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	5	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	5	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	5	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	5	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	5	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	5	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	5	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	5	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	5	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	5	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	5	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	5	Pb ppm: 24 element, rock & core	AAS	2	10000
582	5	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	5	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	5	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	5	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	5	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: TECK EXPLORATIONS LIMITED

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Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 01-AUG-91  
 Invoice No. : I9118629  
 P.O. Number :

Project : BUSH 1362

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## CERTIFICATE OF ANALYSIS A9118629

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	
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3103	205	294	< 5	3.8	4.33	60	< 0.5	< 20	1.61	0.5	20	178	>10000	6.50	0.11	2.11
3104	205	294	< 5	3.2	4.34	280	< 0.5	< 2	2.28	< 0.5	37	216	4650	2.77	0.74	1.08
3105	205	294	< 5	0.8	5.19	470	< 0.5	< 2	3.27	1.0	27	202	1250	3.91	0.69	1.70

CERTIFICATION:



# **Chemex Labs Ltd.**

Analytical Chemists • Geochemists • Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
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Total Pages : 1  
Certificate Date: 01-AUG-91  
Invoice No. : 19118629  
P.O. Number :

Project : BUSH 1362

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## **CERTIFICATE OF ANALYSIS**

A9118629

**CERTIFICATION**

B. Cough



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
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To: TECK EXPLORATIONS LIMITED

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 Tot QC Pg: 1  
 Date: 02-AUG-91  
 Invoice #: 19118630  
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Project: BUSH 1362  
 Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

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CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 212 Brookbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: TECK EXPLORATIONS LIMITED

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 V6E 2K5

QC Page #: 1-B  
 Tot QC Pg: 1  
 Date: 02-AUG-91  
 Invoice #: I9118630  
 P.O. #:

Project: BUSH 1362

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## QC DATA OF CERTIFICATE

A9118630

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BOR-3	St2 4	----	----	----	----	----	----	----	----	----	----	----	----		
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CHEMEX MEAN	---	----	----	----	----	----	----	----	----	----	----	----	----		
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G90-TOT	St2 2	1070	6	1.84	80	1200	----	337	0.35	101	< 10	256			
G90-TOT	St1 3	1090	7	1.93	81	1200	----	348	0.35	103	< 10	258			
G90-TOT	St2 3	1040	7	1.76	80	1180	----	325	0.33	99	< 10	244			
G90-TOT	St1 4	1085	7	1.89	80	1150	----	341	0.35	102	< 10	256			
G90-TOT	St2 4	1060	6	1.79	80	1200	----	322	0.34	98	< 10	240			
G90-TOT	St1 5	1015	7	1.64	78	1150	----	307	0.32	95	< 10	232			
G90-TOT	St2 5	1080	7	1.90	83	1240	----	334	0.35	100	< 10	258			
CHEMEX MEAN	---	1010	6	1.75	74	1065	----	319	0.33	98	----	242			
L4400E 5800N	Dup 1	975	2	1.03	155	1990	< 2	190	0.27	185	< 10	96			
	Org 1	1000	1	1.03	158	2030	< 2	184	0.28	189	< 10	96			
L4600E 5950N	Dup 2	1285	< 1	1.14	123	1300	< 2	180	0.30	243	< 10	74			
	Org 2	1320	1	1.21	125	1330	< 2	186	0.31	247	< 10	76			
L4800E 5500N	Dup 3	1160	< 1	1.39	181	1470	< 2	271	0.33	233	< 10	78			
	Org 3	1210	< 1	1.39	188	1510	< 2	289	0.35	244	< 10	80			
L5000E 5900N	Dup 4	1335	< 1	1.05	163	740	< 2	157	0.29	222	< 10	94			
	Org 4	1355	1	1.01	174	820	< 2	163	0.30	230	< 10	96			
L5200E 6300N	Dup 5	1495	< 1	1.03	33	2140	< 2	156	0.45	294	< 10	102			
	Org 5	1440	1	1.03	32	2110	< 2	155	0.44	288	< 10	98			
Blank	Blk 1	< 5	< 1	< 0.01	< 1	< 10	----	< 1	< 0.01	< 1	< 10	< 2			
Blank	Blk 2	50	< 1	0.01	2	120	4	25	0.01	3	< 10	2			
Blank	Blk 3	45	< 1	0.01	1	110	2	24	0.01	1	< 10	2			
Blank	Blk 4	45	< 1	0.01	2	120	4	25	0.01	1	< 10	2			

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: TECK EXPLORATIONS LIMITED

11TH FLOOR, 1199 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6E 2K5

Page Number : 1-A  
 Total Pages : 5  
 Certificate Date: 02-AUG-91  
 Invoice No. : 19118630  
 P.O. Number :

Project : BUSH 1362

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS ✓

## CERTIFICATE OF ANALYSIS

A9118630

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
L4400E 5800N	201 285	< 5	< 0.2	5.21	210	< 0.5	< 2	2.47	1.0	29	537	82	5.49	0.77	4.47
L4400E 5850N	201 285	< 5	< 0.2	5.90	210	< 0.5	< 2	3.18	1.0	33	724	139	6.45	0.81	6.04
L4400E 5900N	201 285	< 5	< 0.2	5.71	210	< 0.5	< 2	4.06	0.5	27	724	87	5.75	0.73	5.67
L4400E 5950N	201 285	< 5	< 0.2	6.27	190	< 0.5	< 2	2.27	0.5	33	688	89	6.94	0.52	5.75
L4400E 6000N	201 285	< 5	< 0.2	5.38	160	< 0.5	< 2	2.70	1.0	31	643	93	6.29	0.39	5.12
L4400E 6050N	201 285	< 5	< 0.2	5.07	110	< 0.5	< 2	3.93	1.0	30	969	121	5.97	0.33	6.69
L4400E 6100N	201 285	< 5	< 0.2	4.66	130	< 0.5	< 2	2.19	0.5	27	783	76	5.83	0.36	4.72
L4400E 6150N	201 285	< 5	< 0.2	5.54	90	< 0.5	< 2	3.14	1.0	38	1570	178	7.24	0.32	8.66
L4400E 6200N	201 285	< 5	< 0.2	6.46	150	< 0.5	< 2	2.40	1.0	34	891	136	7.13	0.92	6.18
L4400E 6250N	201 285	< 5	< 0.2	5.12	110	< 0.5	< 2	3.25	1.0	33	1120	158	6.16	0.53	7.06
L4400E 6300N	201 285	< 5	< 0.2	5.42	100	< 0.5	< 2	3.66	1.0	31	981	119	6.39	0.46	6.70
L4400E 6350N	201 285	< 5	< 0.2	5.97	130	< 0.5	< 2	4.02	1.0	30	1005	144	6.76	0.56	7.80
L4400E 6400N	201 285	< 5	< 0.2	5.57	130	< 0.5	< 2	3.93	1.0	31	1135	146	6.45	0.67	7.91
L4400E 6450N	201 285	< 5	< 0.2	5.82	180	< 0.5	< 2	3.64	1.0	37	956	105	6.58	0.83	7.59
L4400E 6500N	201 285	< 5	< 0.2	6.04	140	< 0.5	< 2	3.48	0.5	31	897	143	6.47	0.51	7.06
L4400E 6550N	201 285	< 5	< 0.2	5.04	150	< 0.5	< 2	3.75	0.5	31	843	104	5.68	0.55	6.02
L4400E 6600N	201 285	< 5	< 0.2	6.57	200	< 0.5	< 2	3.63	0.5	33	546	176	6.68	0.63	4.96
L4400E 6650N	201 285	< 5	< 0.2	6.63	270	< 0.5	< 2	3.57	1.0	33	521	180	6.67	0.83	4.55
L4400E 6700N	201 285	< 5	< 0.2	6.29	190	< 0.5	< 2	3.59	1.0	30	530	106	6.24	0.70	4.73
L4400E 6750N	201 285	< 5	< 0.2	7.08	280	< 0.5	< 2	2.68	1.0	27	192	214	7.23	0.98	3.27
L4400E 6800N	201 285	< 5	< 0.2	6.69	240	< 0.5	< 2	2.88	1.0	28	265	164	6.70	0.97	3.74
L4400E 6850N	201 285	< 5	< 0.2	6.69	230	< 0.5	< 2	2.97	1.0	28	239	255	6.69	1.07	3.35
L4400E 6900N	201 285	< 5	< 0.2	6.92	240	< 0.5	< 2	3.41	1.0	33	255	201	7.13	0.87	3.54
L4400E 6950N	201 285	< 5	< 0.2	6.72	230	< 0.5	< 2	2.96	1.0	27	278	165	6.91	0.74	3.54
L4400E 7000N	201 285	< 5	< 0.2	6.61	220	< 0.5	< 2	2.90	1.0	31	230	165	6.88	0.94	3.46
L4400E 7050N	201 285	< 5	< 0.2	6.98	240	< 0.5	< 2	3.53	1.0	30	250	169	7.25	0.79	3.72
L4400E 7100N	201 285	< 5	< 0.2	9.06	440	< 0.5	< 2	2.96	1.5	38	190	236	8.72	1.48	3.65
L4400E 7150N	201 285	< 5	< 0.2	8.33	410	< 0.5	< 2	3.45	1.5	31	186	206	7.86	1.24	3.27
L4400E 7200N	201 285	< 5	< 0.2	8.16	400	< 0.5	< 2	3.01	1.0	35	195	225	7.78	1.29	3.49
L4400E 7250N	201 285	< 5	< 0.2	8.33	430	< 0.5	< 2	3.17	1.0	35	203	247	8.06	1.31	3.55
L4400E 7300N	201 285	20	< 0.2	7.25	350	< 0.5	< 2	2.76	0.5	25	189	200	6.50	0.92	2.98
L4400E 7350N	201 285	35	< 0.2	7.73	440	< 0.5	< 2	2.58	1.0	34	202	312	7.59	1.22	3.28
L4400E 7400N	201 285	< 5	< 0.2	7.37	350	< 0.5	< 2	4.19	1.0	33	250	232	7.08	1.15	3.65
L4400E 7450N	201 285	< 5	< 0.2	6.67	270	< 0.5	< 2	4.14	0.5	28	321	193	6.58	0.90	3.94
L4400E 7500N	201 285	< 5	< 0.2	6.84	320	< 0.5	< 2	3.98	0.5	29	255	276	6.69	0.98	3.55
L4400E 7550N	201 285	< 5	< 0.2	7.42	300	< 0.5	< 2	4.47	1.5	34	304	231	6.98	1.05	4.10
L4400E 7600N	201 285	< 5	< 0.2	7.75	300	< 0.5	< 2	4.18	1.0	31	282	295	7.12	1.02	3.94
L4600E 5800N	201 285	< 5	< 0.2	5.58	170	< 0.5	< 2	3.37	1.0	23	591	59	5.67	0.41	4.90
L4600E 5850N	201 285	< 5	< 0.2	6.11	180	< 0.5	< 2	4.37	1.0	35	721	121	6.51	0.54	5.91
L4600E 5900N	201 285	< 5	< 0.2	5.85	150	< 0.5	< 2	3.78	0.5	29	730	90	6.17	0.38	5.79

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
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To: TECK EXPLORATIONS LIMITED

11TH FLOOR, 1199 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6E 2K5

Page Number :1-B  
 Total Pages :5  
 Certificate Date: 02-AUG-91  
 Invoice No.: I9118630  
 P.O. Number :

Project: BUSH 1362

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## CERTIFICATE OF ANALYSIS A9118630

SAMPLE DESCRIPTION	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
L4400E 5800N	201 285	1000	1	1.03	158	2030	< 2	184	0.28	189	< 10	96			
L4400E 5850N	201 285	1170	1	1.16	209	1470	< 2	221	0.31	221	< 10	84			
L4400E 5900N	201 285	980	1	1.22	153	830	< 2	241	0.29	214	< 10	74			
L4400E 5950N	201 285	1295	2	1.17	171	1060	< 2	139	0.30	230	< 10	84			
L4400E 6000N	201 285	1210	2	0.86	137	1530	< 2	137	0.25	202	< 10	82			
L4400E 6050N	201 285	1175	1	0.82	154	970	< 2	147	0.21	182	10	82			
L4400E 6100N	201 285	1010	2	0.75	127	2180	< 2	104	0.22	178	< 10	74			
L4400E 6150N	201 285	1290	< 1	0.74	200	700	< 2	77	0.26	211	20	88			
L4400E 6200N	201 285	1165	1	1.10	162	760	< 2	89	0.31	246	< 10	88			
L4400E 6250N	201 285	1170	1	0.77	161	840	< 2	78	0.23	178	10	90			
L4400E 6300N	201 285	1140	1	1.16	147	760	< 2	132	0.25	205	10	70			
L4400E 6350N	201 285	1130	1	1.20	177	640	< 2	166	0.28	209	10	86			
L4400E 6400N	201 285	1090	2	1.14	179	780	< 2	176	0.26	196	10	78			
L4400E 6450N	201 285	1175	2	1.17	184	880	< 2	175	0.26	188	< 10	84			
L4400E 6500N	201 285	1105	2	1.51	145	820	< 2	236	0.27	199	10	84			
L4400E 6550N	201 285	1070	2	1.00	148	1080	< 2	145	0.22	170	< 10	80			
L4400E 6600N	201 285	1300	2	1.59	102	1040	< 2	184	0.32	230	< 10	90			
L4400E 6650N	201 285	1340	2	1.32	100	870	< 2	159	0.33	234	< 10	100			
L4400E 6700N	201 285	1250	2	1.20	93	900	< 2	152	0.32	221	< 10	88			
L4400E 6750N	201 285	1285	2	1.19	54	790	< 2	147	0.40	288	< 10	104			
L4400E 6800N	201 285	1285	2	1.22	73	820	< 2	135	0.35	261	< 10	104			
L4400E 6850N	201 285	1330	2	1.10	51	950	< 2	132	0.33	247	< 10	106			
L4400E 6900N	201 285	1900	2	1.28	54	1170	< 2	158	0.38	258	< 10	98			
L4400E 6950N	201 285	1310	2	1.18	52	950	< 2	140	0.34	263	< 10	100			
L4400E 7000N	201 285	2020	2	1.06	49	1250	< 2	119	0.34	256	< 10	102			
L4400E 7050N	201 285	1615	3	1.25	54	1180	< 2	168	0.37	263	< 10	116			
L4400E 7100N	201 285	1710	4	1.66	73	1200	< 2	174	0.51	359	< 10	104			
L4400E 7150N	201 285	1470	3	1.68	62	1190	< 2	199	0.47	324	< 10	96			
L4400E 7200N	201 285	1630	3	1.53	72	1090	< 2	170	0.44	318	< 10	100			
L4400E 7250N	201 285	1680	5	1.58	72	1090	< 2	179	0.46	324	< 10	102			
L4400E 7300N	201 285	870	3	1.33	53	1050	< 2	157	0.40	268	< 10	90			
L4400E 7350N	201 285	2010	7	1.51	63	1280	< 2	171	0.44	272	< 10	106			
L4400E 7400N	201 285	1720	3	1.48	59	1240	< 2	181	0.38	272	< 10	116			
L4400E 7450N	201 285	1325	2	1.35	65	910	< 2	162	0.34	248	< 10	98			
L4400E 7500N	201 285	1320	2	1.40	51	1000	< 2	174	0.37	250	< 10	110			
L4400E 7550N	201 285	1815	2	1.51	58	810	< 2	184	0.38	276	< 10	100			
L4400E 7600N	201 285	1760	3	1.62	51	780	< 2	192	0.39	280	< 10	94			
L4600E 5800N	201 285	930	2	1.15	130	1920	< 2	183	0.30	200	< 10	74			
L4600E 5850N	201 285	1205	2	1.13	138	1030	< 2	194	0.28	220	< 10	86			
L4600E 5900N	201 285	1010	2	1.25	145	1490	< 2	176	0.28	204	< 10	80			

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: TECK EXPLORATIONS LIMITED

11TH FLOOR, 1199 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6E 2K5

Page Number :2-A  
 Total Pages :5  
 Certificate Date:02-AUG-91  
 Invoice No. :I9118630  
 P.O. Number :

Project: BUSH 1362

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## CERTIFICATE OF ANALYSIS

A9118630

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
L4600E 5950N	201 285	< 5	< 0.2	6.33	160	< 0.5	< 2	4.14	1.0	33	690	122	6.80	0.57	5.42
L4600E 6000N	201 285	< 5	< 0.2	6.09	170	< 0.5	< 2	5.04	0.5	37	1225	183	7.03	0.68	7.33
L4600E 6050N	201 285	< 5	< 0.2	5.74	160	< 0.5	< 2	3.77	1.0	27	809	141	6.03	0.45	5.81
L4600E 6100N	201 285	< 5	< 0.2	6.08	130	< 0.5	< 2	4.82	0.5	30	936	122	6.47	0.50	6.91
L4600E 6150N	201 285	< 5	< 0.2	6.97	350	< 0.5	4	3.49	0.5	29	610	158	6.25	1.03	4.95
L4600E 6200N	201 285	< 5	< 0.2	5.89	140	< 0.5	< 2	3.27	0.5	34	1105	126	6.87	0.45	7.91
L4600E 6250N	201 285	< 5	< 0.2	5.59	140	< 0.5	< 2	3.51	1.0	30	974	74	6.40	0.43	6.74
L4600E 6300N	201 285	< 5	< 0.2	5.67	270	< 0.5	< 2	2.95	0.5	28	399	94	5.92	0.60	3.69
L4600E 6350N	201 285	< 5	< 0.2	6.80	210	< 0.5	< 2	2.76	0.5	27	383	134	6.74	0.68	3.97
L4600E 6400N	201 285	< 5	< 0.2	6.77	210	< 0.5	< 2	3.80	1.0	25	328	109	6.69	0.58	3.72
L4600E 6450N	201 285	< 5	< 0.2	5.50	210	< 0.5	< 2	3.31	0.5	21	345	62	5.09	0.60	3.14
L4600E 6500N	201 285	< 5	< 0.2	6.33	240	< 0.5	< 2	3.09	0.5	27	313	170	6.23	0.69	3.68
L4600E 6550N	201 285	< 5	< 0.2	4.27	210	< 0.5	< 2	2.85	0.5	18	166	111	4.23	0.58	2.04
L4600E 6600N	201 285	< 5	< 0.2	6.95	270	< 0.5	< 2	2.93	1.0	22	421	110	5.55	0.76	3.73
L4600E 6650N	201 285	< 5	< 0.2	5.68	250	< 0.5	< 2	3.57	0.5	21	313	97	5.09	0.63	3.03
L4600E 6700N	201 285	< 5	< 0.2	5.93	250	< 0.5	< 2	3.47	0.5	25	296	120	5.68	0.62	3.24
L4600E 6750N	201 285	< 5	< 0.2	5.63	210	< 0.5	< 2	3.15	0.5	21	325	142	5.19	0.52	3.19
L4600E 6800N	201 285	< 5	< 0.2	7.26	310	< 0.5	< 2	2.70	0.5	30	258	153	7.25	0.66	3.14
L4600E 6850N	201 285	< 5	< 0.2	6.59	300	< 0.5	< 2	3.32	0.5	22	356	77	5.81	0.67	3.37
L4600E 6900N	201 285	< 5	< 0.2	5.31	250	< 0.5	< 2	3.32	0.5	23	270	202	5.43	0.43	2.69
L4600E 6950N	201 285	< 5	< 0.2	5.49	220	< 0.5	< 2	3.01	0.5	26	353	102	5.55	0.65	2.97
L4600E 7000N	201 285	< 5	< 0.2	6.55	260	< 0.5	< 2	2.07	1.0	27	369	109	6.32	0.80	3.61
L4600E 7050N	201 285	< 5	< 0.2	6.50	260	< 0.5	< 2	2.92	0.5	18	326	69	5.55	0.70	3.08
L4600E 7100N	201 285	< 5	< 0.2	6.87	250	< 0.5	< 2	3.21	1.0	22	400	53	6.22	0.68	3.60
L4600E 7150N	201 285	< 5	< 0.2	7.75	340	< 0.5	< 2	3.15	1.5	31	375	264	6.83	0.97	4.28
L4600E 7200N	201 285	80	< 0.2	6.95	260	< 0.5	< 2	3.05	0.5	22	301	127	6.37	0.67	3.32
L4600E 7250N	201 285	< 5	< 0.2	7.20	340	< 0.5	< 2	2.70	0.5	22	158	194	6.26	0.79	2.60
L4600E 7300N	201 285	65	< 0.2	7.32	260	< 0.5	< 2	2.91	0.5	27	327	179	6.51	0.63	3.59
L4600E 7350N	201 285	40	< 0.2	8.90	420	< 0.5	< 2	1.47	0.5	34	135	232	8.54	1.74	3.06
L4600E 7400N	201 285	< 5	< 0.2	7.34	400	< 0.5	< 2	3.02	1.0	32	165	233	6.89	1.08	2.96
L4600E 7450N	201 285	10	< 0.2	8.18	490	< 0.5	< 2	2.77	0.5	36	129	271	8.32	1.61	3.05
L4600E 7500N	201 285	65	< 0.2	6.29	340	< 0.5	< 2	2.61	1.0	31	152	207	6.45	0.84	2.55
L4600E 7550N	201 285	< 5	< 0.2	5.67	300	< 0.5	< 2	2.99	1.0	34	200	256	5.78	0.66	2.45
L4600E 7600N	201 285	< 5	< 0.2	8.05	340	< 0.5	< 2	2.63	1.0	29	253	217	7.53	1.04	3.37
L4600E 7650N	201 285	10	< 0.2	7.57	310	< 0.5	< 2	2.77	0.5	28	262	236	7.24	0.85	3.34
L4600E 7700N	201 285	< 5	< 0.2	6.37	290	< 0.5	< 2	2.61	0.5	16	181	84	5.82	0.77	2.06
L4600E 7750N	201 285	< 5	< 0.2	6.72	300	< 0.5	< 2	2.47	0.5	24	222	167	6.04	0.86	2.79
L4600E 7785N	201 285	< 5	< 0.2	7.37	300	< 0.5	< 2	3.26	0.5	31	244	241	6.72	0.88	3.47
L4800E 5400N	201 285	< 5	< 0.2	6.32	210	< 0.5	< 2	4.09	1.0	29	721	111	6.26	0.68	6.07
L4800E 5450N	201 285	< 5	< 0.2	6.26	190	< 0.5	< 2	4.84	0.5	29	788	144	6.43	0.72	6.35

CERTIFICATION:



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To: TECK EXPLORATIONS LIMITED

11TH FLOOR, 1199 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6E 2K5

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 Certificate Date: 02-AUG-91  
 Invoice No. :I9118630  
 P.O. Number :

Project: BUSH 1362

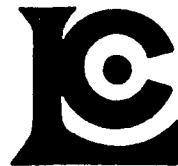
Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## CERTIFICATE OF ANALYSIS

A9118630

SAMPLE DESCRIPTION	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na ‰ (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti ‰ (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
L4600E 5950N	201 285	1320	1	1.21	125	1330	< 2	186	0.31	247	< 10	76			
L4600E 6000N	201 285	1395	1	0.90	167	660	< 2	187	0.25	228	< 10	84			
L4600E 6050N	201 285	980	1	1.21	153	920	< 2	167	0.28	202	< 10	74			
L4600E 6100N	201 285	1140	1	1.28	151	760	< 2	204	0.28	220	< 10	76			
L4600E 6150N	201 285	1370	1	1.69	131	1070	< 2	243	0.37	220	< 10	94			
L4600E 6200N	201 285	1145	< 1	0.98	187	730	< 2	105	0.27	213	< 10	80			
L4600E 6250N	201 285	1140	2	1.11	158	990	< 2	146	0.27	206	< 10	78			
L4600E 6300N	201 285	1320	2	1.29	77	1080	4	165	0.31	213	< 10	92			
L4600E 6350N	201 285	1405	2	1.35	79	860	< 2	153	0.38	249	< 10	86			
L4600E 6400N	201 285	1235	1	1.35	63	1090	< 2	174	0.38	246	< 10	82			
L4600E 6450N	201 285	1070	1	1.33	57	1320	< 2	188	0.35	210	< 10	72			
L4600E 6500N	201 285	1465	1	1.14	66	1070	< 2	150	0.36	230	< 10	94			
L4600E 6550N	201 285	995	1	0.77	35	2210	< 2	124	0.23	160	< 10	70			
L4600E 6600N	201 285	900	2	1.56	86	1150	< 2	205	0.39	209	< 10	84			
L4600E 6650N	201 285	1080	2	1.32	65	1090	< 2	219	0.30	187	< 10	76			
L4600E 6700N	201 285	1660	1	1.22	61	1280	< 2	172	0.32	206	< 10	94			
L4600E 6750N	201 285	1060	1	1.05	68	1720	< 2	168	0.30	190	< 10	86			
L4600E 6800N	201 285	1950	1	1.41	67	1140	< 2	189	0.39	263	< 10	94			
L4600E 6850N	201 285	1120	1	1.66	77	1050	< 2	236	0.36	222	< 10	80			
L4600E 6900N	201 285	1185	1	1.03	64	1970	< 2	161	0.31	198	< 10	100			
L4600E 6950N	201 285	1835	< 1	1.07	66	2300	< 2	161	0.29	198	< 10	84			
L4600E 7000N	201 285	2070	< 1	1.08	61	1550	< 2	131	0.36	258	< 10	104			
L4600E 7050N	201 285	870	< 1	1.59	66	970	< 2	215	0.41	221	< 10	68			
L4600E 7100N	201 285	915	< 1	1.63	90	1120	< 2	227	0.43	233	< 10	76			
L4600E 7150N	201 285	1735	< 1	1.49	112	1210	< 2	206	0.44	244	< 10	102			
L4600E 7200N	201 285	1080	5	1.40	73	1190	< 2	202	0.40	254	< 10	90			
L4600E 7250N	201 285	1460	< 1	1.60	44	1140	< 2	225	0.42	229	< 10	96			
L4600E 7300N	201 285	1155	< 1	1.31	94	1240	< 2	181	0.44	251	< 10	98			
L4600E 7350N	201 285	1925	3	0.92	45	1200	< 2	90	0.52	347	< 10	136			
L4600E 7400N	201 285	2060	< 1	1.26	52	1270	< 2	188	0.41	259	< 10	114			
L4600E 7450N	201 285	2140	< 1	1.12	46	1240	< 2	159	0.49	309	< 10	148			
L4600E 7500N	201 285	1970	< 1	1.02	41	1760	< 2	143	0.39	235	< 10	120			
L4600E 7550N	201 285	3120	< 1	1.08	47	1940	< 2	143	0.31	202	< 10	104			
L4600E 7600N	201 285	1110	< 1	1.05	68	1040	< 2	119	0.44	301	< 10	116			
L4600E 7650N	201 285	1150	< 1	1.14	67	1120	< 2	130	0.41	289	< 10	110			
L4600E 7700N	201 285	945	< 1	1.14	39	1790	< 2	171	0.43	248	< 10	80			
L4600E 7750N	201 285	1010	< 1	1.06	58	1440	< 2	147	0.39	237	< 10	106			
L4600E 7785N	201 285	1500	< 1	1.25	68	1190	< 2	171	0.40	242	< 10	106			
L4600E 5400N	201 285	1070	< 1	1.30	184	1320	< 2	261	0.33	223	< 10	90			
L4600E 5450N	201 285	1085	< 1	1.21	195	1210	< 2	301	0.34	234	< 10	84			

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: TECK EXPLORATIONS LIMITED

11TH FLOOR, 1199 W. HASTINGS ST.  
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Project: BUSH 1362

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## CERTIFICATE OF ANALYSIS

A9118630

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
L4800E 5500N	201 285	< 5	< 0.2	6.70	220	< 0.5	< 2	4.10	1.0	32	717	91	6.61	0.63	6.00
L4800E 5550N	201 285	< 5	< 0.2	6.01	160	< 0.5	< 2	4.39	< 0.5	31	962	181	6.36	0.50	6.36
L4800E 5600N	201 285	< 5	< 0.2	6.92	190	< 0.5	< 2	4.44	1.0	30	712	127	6.91	0.54	5.95
L4800E 5650N	201 285	< 5	< 0.2	6.30	170	< 0.5	< 2	4.12	1.0	28	685	95	6.22	0.49	5.95
L4800E 5700N	201 285	< 5	< 0.2	6.02	120	< 0.5	< 2	4.33	0.5	34	1065	165	6.56	0.51	7.56
L4800E 5750N	201 285	< 5	< 0.2	6.82	190	< 0.5	< 2	3.99	1.0	33	747	177	6.95	0.61	6.66
L4800E 5800N	201 285	< 5	< 0.2	6.93	170	< 0.5	< 2	5.14	0.5	41	937	154	7.63	0.73	6.83
L4800E 5850N	201 285	< 5	< 0.2	6.60	160	< 0.5	< 2	5.23	1.0	48	1090	235	7.77	0.89	7.21
L4800E 5900N	201 285	< 5	< 0.2	6.29	190	< 0.5	< 2	4.00	0.5	34	820	108	6.98	0.70	6.23
L4800E 5950N	201 285	< 5	< 0.2	6.68	200	< 0.5	< 2	4.89	0.5	34	873	130	6.74	0.69	6.50
L4800E 6000N	201 285	< 5	< 0.2	6.95	160	< 0.5	< 2	5.00	0.5	35	838	185	7.41	0.77	6.95
L4800E 6050N	201 285	< 5	< 0.2	6.33	160	< 0.5	< 2	5.28	0.5	35	994	155	6.53	0.73	7.13
L4800E 6100N	201 285	< 5	< 0.2	6.63	220	< 0.5	< 2	5.13	1.0	39	1060	123	7.43	0.79	8.10
L4800E 6150N	201 285	< 5	< 0.2	6.84	210	< 0.5	< 2	3.91	0.5	35	771	176	6.79	0.69	5.84
L4800E 6200N	201 285	< 5	< 0.2	5.92	160	< 0.5	< 2	4.46	0.5	34	1155	126	6.66	0.54	7.52
L4800E 6250N	201 285	< 5	< 0.2	6.33	210	< 0.5	< 2	5.25	0.5	42	1310	136	7.27	0.72	8.41
L4800E 6300N	201 285	< 5	< 0.2	5.67	180	< 0.5	< 2	5.07	1.5	38	1125	104	6.47	0.54	6.89
L4800E 6350N	201 285	< 5	< 0.2	5.76	170	< 0.5	< 2	3.95	1.0	36	1505	107	6.87	0.70	7.89
L4800E 6400N	201 285	< 5	< 0.2	6.76	270	< 0.5	< 2	4.53	0.5	31	560	114	6.41	0.77	4.55
L4800E 6450N	201 285	< 5	< 0.2	6.68	360	< 0.5	< 2	3.90	1.0	37	500	163	6.79	0.91	4.60
L4800E 6500N	201 285	< 5	< 0.2	6.76	190	< 0.5	< 2	4.45	1.0	32	783	107	6.98	0.60	5.91
L4800E 6550N	201 285	< 5	< 0.2	7.21	230	< 0.5	< 2	3.72	0.5	27	466	114	6.77	0.76	4.78
L4800E 6600N	201 285	< 5	< 0.2	6.77	220	< 0.5	< 2	4.32	0.5	27	512	109	6.50	0.65	5.13
L4800E 6650N	201 285	< 5	< 0.2	5.90	190	< 0.5	< 2	4.12	0.5	24	454	96	5.81	0.48	4.48
L4800E 6700N	201 285	< 5	< 0.2	6.99	240	< 0.5	< 2	3.71	0.5	26	317	150	6.74	0.82	4.14
L4800E 6750N	201 285	< 5	< 0.2	7.30	240	< 0.5	< 2	3.34	1.0	30	310	161	7.23	0.82	4.04
L4800E 6800N	201 285	< 5	< 0.2	7.11	230	< 0.5	< 2	3.91	< 0.5	29	406	120	6.91	0.58	4.81
L4800E 6850N	201 285	< 5	< 0.2	7.29	260	< 0.5	< 2	3.15	1.0	31	332	193	7.42	0.80	4.32
L4800E 6900N	201 285	< 5	< 0.2	7.55	260	< 0.5	< 2	3.79	1.0	29	302	168	7.39	0.80	4.19
L4800E 7000N	201 285	< 5	< 0.2	7.26	240	< 0.5	< 2	3.30	0.5	29	328	143	6.95	0.75	3.88
L5000E 5400N	201 285	< 5	< 0.2	7.31	230	< 0.5	< 2	3.53	0.5	39	821	181	7.31	0.80	6.80
L5000E 5450N	201 285	< 5	< 0.2	6.22	250	< 0.5	< 2	4.68	0.5	42	882	203	7.29	0.98	7.35
L5000E 5500N	201 285	< 5	< 0.2	6.53	190	< 0.5	< 2	4.22	1.0	33	852	151	6.89	0.79	6.77
L5000E 5550N	201 285	< 5	< 0.2	5.84	220	< 0.5	< 2	3.58	1.0	33	832	127	6.53	0.60	6.25
L5000E 5600N	201 285	< 5	< 0.2	6.85	210	< 0.5	< 2	3.69	1.5	30	748	167	6.81	0.78	6.39
L5000E 5650N	201 285	< 5	< 0.2	6.51	170	< 0.5	< 2	4.78	0.5	36	807	149	7.14	0.69	6.58
L5000E 5700N	201 285	< 5	< 0.2	6.75	160	< 0.5	< 2	4.98	0.5	35	742	142	7.11	0.77	6.54
L5000E 5750N	201 285	< 5	< 0.2	6.46	150	< 0.5	< 2	4.53	1.0	33	662	149	6.96	0.60	6.22
L5000E 5800N	201 285	< 5	< 0.2	6.38	120	< 0.5	< 2	5.98	1.0	34	1120	151	7.15	0.54	7.70
L5000E 5850N	201 285	< 5	< 0.2	6.77	160	< 0.5	< 2	5.18	1.0	39	822	135	7.35	0.72	6.66

CERTIFICATION:



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Project: BUSH 1362

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## CERTIFICATE OF ANALYSIS A9118630

SAMPLE DESCRIPTION	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na ‰ (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti ‰ (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)		
L4800E 5500N	201 285	1210	< 1	1.39	188	1510	< 2	289	0.35	244	< 10	80		
L4800E 5550N	201 285	1100	< 1	1.05	201	980	< 2	264	0.28	341	< 10	80		
L4800E 5600N	201 285	1115	< 1	1.51	154	1010	< 2	239	0.35	275	< 10	78		
L4800E 5650N	201 285	1030	< 1	1.25	176	1160	< 2	209	0.31	226	< 10	84		
L4800E 5700N	201 285	1455	< 1	0.88	233	750	< 2	139	0.25	209	< 10	80		
L4800E 5750N	201 285	1125	< 1	1.22	218	1220	< 2	210	0.37	233	< 10	90		
L4800E 5800N	201 285	1500	< 1	1.11	164	1020	< 2	194	0.32	250	< 10	96		
L4800E 5850N	201 285	1400	< 1	0.83	183	820	< 2	193	0.28	248	< 10	92		
L4800E 5900N	201 285	1570	< 1	1.22	149	930	< 2	192	0.32	223	< 10	86		
L4800E 5950N	201 285	1280	< 1	1.35	160	1020	< 2	239	0.32	241	< 10	82		
L4800E 6000N	201 285	1295	< 1	1.25	144	840	< 2	221	0.32	251	< 10	82		
L4800E 6050N	201 285	1270	< 1	1.58	153	760	< 2	250	0.29	232	< 10	74		
L4800E 6100N	201 285	1315	< 1	1.33	185	1010	< 2	188	0.31	221	< 10	94		
L4800E 6150N	201 285	1300	< 1	1.50	154	1110	< 2	216	0.35	235	< 10	84		
L4800E 6200N	201 285	1255	< 1	1.21	173	690	< 2	153	0.27	207	< 10	80		
L4800E 6250N	201 285	1325	< 1	1.44	226	970	< 2	208	0.30	218	20	86		
L4800E 6300N	201 285	1255	< 1	1.38	194	910	< 2	200	0.27	200	10	82		
L4800E 6350N	201 285	1240	< 1	1.11	192	710	< 2	128	0.26	207	20	86		
L4800E 6400N	201 285	1405	< 1	1.52	110	1090	< 2	212	0.32	235	< 10	92		
L4800E 6450N	201 285	1345	< 1	1.56	98	950	< 2	191	0.33	242	< 10	102		
L4800E 6500N	201 285	1215	< 1	1.57	135	770	< 2	189	0.33	237	< 10	88		
L4800E 6550N	201 285	1260	< 1	1.48	86	780	< 2	190	0.37	258	< 10	90		
L4800E 6600N	201 285	1235	< 1	1.65	102	680	< 2	207	0.35	238	< 10	82		
L4800E 6650N	201 285	1075	< 1	1.28	91	1120	< 2	178	0.30	210	< 10	86		
L4800E 6700N	201 285	1080	< 1	1.25	61	950	< 2	167	0.39	258	< 10	100		
L4800E 6750N	201 285	1580	< 1	1.26	64	920	< 2	150	0.40	271	< 10	108		
L4800E 6800N	201 285	1320	< 1	1.50	92	1110	< 2	183	0.38	241	< 10	94		
L4800E 6850N	201 285	1715	< 1	1.22	73	1210	< 2	139	0.41	264	< 10	104		
L4800E 6900N	201 285	1520	< 1	1.32	64	1070	< 2	186	0.42	272	< 10	102		
L4800E 7000N	201 285	1445	< 1	1.34	73	980	< 2	168	0.40	266	< 10	100		
L5000E 5400N	201 285	1615	< 1	1.50	223	1510	< 2	237	0.38	257	< 10	86		
L5000E 5450N	201 285	1470	< 1	0.99	233	1530	< 2	303	0.30	223	< 10	102		
L5000E 5500N	201 285	1240	< 1	1.28	227	1150	< 2	235	0.32	239	< 10	86		
L5000E 5550N	201 285	1245	< 1	1.10	208	1160	< 2	201	0.30	230	< 10	82		
L5000E 5600N	201 285	990	< 1	1.18	202	1090	< 2	217	0.32	232	< 10	90		
L5000E 5650N	201 285	1360	< 1	1.19	205	980	< 2	204	0.33	250	< 10	94		
L5000E 5700N	201 285	1260	< 1	1.16	172	900	< 2	215	0.33	247	< 10	88		
L5000E 5750N	201 285	1195	< 1	1.12	147	920	< 2	179	0.31	240	< 10	84		
L5000E 5800N	201 285	1250	< 1	1.08	184	710	< 2	175	0.28	222	< 10	90		
L5000E 5850N	201 285	1215	< 1	0.97	164	900	< 2	238	0.30	240	< 10	88		

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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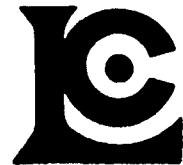
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Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## CERTIFICATE OF ANALYSIS A9118630

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al ‰ (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca ‰ (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe ‰ (ICP)	K ‰ (ICP)	Mg ‰ (ICP)
L5000E 5900N	201 285	< 5	< 0.2	6.27	170	< 0.5	< 2	4.14	0.5	39	887	176	7.32	0.56	6.76
L5000E 5950N	201 285	< 5	< 0.2	6.90	160	< 0.5	< 2	5.98	1.0	40	920	174	7.40	0.68	7.20
L5000E 6000N	201 285	< 5	< 0.2	6.63	140	< 0.5	< 2	5.25	0.5	39	983	131	7.24	0.64	7.43
L5000E 6050N	201 285	< 5	< 0.2	6.37	140	< 0.5	< 2	5.12	1.0	39	1210	133	7.24	0.54	8.19
L5000E 6100N	201 285	< 5	< 0.2	6.13	150	< 0.5	< 2	5.21	1.0	36	1055	135	6.80	0.62	8.16
L5000E 6150N	201 285	< 5	< 0.2	6.33	160	< 0.5	< 2	4.73	1.5	37	1045	150	7.09	0.63	8.27
L5000E 6200N	201 285	< 5	< 0.2	6.04	150	< 0.5	< 2	4.07	1.0	35	1275	167	7.04	0.50	7.97
L5000E 6250N	201 285	< 5	< 0.2	6.19	210	< 0.5	< 2	4.44	1.5	42	1145	157	7.25	0.72	8.09
L5000E 6300N	201 285	< 5	< 0.2	6.04	190	< 0.5	< 2	3.72	0.5	46	1475	145	7.34	0.77	8.63
L5000E 6350N	201 285	< 5	< 0.2	6.12	220	< 0.5	< 2	5.15	1.0	47	1250	147	6.98	0.67	6.50
L5000E 6400N	201 285	< 5	< 0.2	6.03	170	< 0.5	< 2	3.86	0.5	32	589	138	6.11	0.59	4.73
L5000E 6450N	201 285	< 5	< 0.2	7.42	320	< 0.5	< 2	3.42	1.0	36	395	169	6.82	1.13	4.17
L5000E 6500N	201 285	20	< 0.2	6.73	230	< 0.5	< 2	3.68	1.0	34	342	145	7.27	0.73	4.26
L5000E 6550N	201 285	< 5	< 0.2	7.72	330	< 0.5	< 2	2.71	0.5	36	229	233	7.29	1.16	3.58
L5000E 6600N	201 285	< 5	< 0.2	6.39	230	< 0.5	< 2	4.25	0.5	37	466	164	6.82	0.62	4.65
L5000E 6650N	201 285	15	< 0.2	7.40	260	< 0.5	< 2	3.02	0.5	30	223	153	7.02	0.96	3.35
L5000E 6700N	201 285	< 5	< 0.2	7.52	310	< 0.5	< 2	2.84	1.0	29	245	161	7.03	0.91	3.30
L5000E 6750N	201 285	< 5	< 0.2	7.28	290	< 0.5	< 2	2.88	0.5	33	259	183	7.31	0.86	3.83
L5000E 6800N	201 285	< 5	< 0.2	7.61	250	< 0.5	< 2	3.26	0.5	29	245	179	7.13	0.92	3.71
L5000E 6850N	201 285	< 5	< 0.2	7.38	340	< 0.5	< 2	3.17	0.5	30	209	176	7.72	1.04	3.50
L5000E 6900N	201 285	< 5	< 0.2	7.42	260	< 0.5	< 2	3.39	1.0	29	297	213	7.19	0.84	3.77
L5000E 6950N	201 285	< 5	< 0.2	5.82	260	< 0.5	< 2	2.65	0.5	26	365	69	6.65	0.68	3.52
L5200E 5400N	201 285	< 5	< 0.2	5.99	180	< 0.5	< 2	3.09	0.5	33	735	168	6.65	0.82	8.26
L5200E 5450N	201 285	< 5	< 0.2	6.18	200	< 0.5	< 2	3.59	3.0	27	499	112	6.52	0.57	4.68
L5200E 5500N	201 285	< 5	< 0.2	5.77	180	< 0.5	< 2	4.22	1.0	24	607	41	6.39	0.57	4.86
L5200E 5550N	201 285	< 5	< 0.2	6.33	200	< 0.5	< 2	4.40	1.0	31	628	149	6.85	0.65	5.50
L5200E 5600N	201 285	< 5	< 0.2	7.04	330	< 0.5	< 2	4.90	1.5	33	374	198	6.79	0.82	4.80
L5200E 5650N	201 285	< 5	< 0.2	5.17	170	< 0.5	< 2	4.04	0.5	21	510	52	5.41	0.48	4.16
L5200E 5700N	201 285	< 5	< 0.2	6.59	160	< 0.5	< 2	4.46	1.0	31	484	102	6.97	0.63	4.75
L5200E 5750N	201 285	< 5	< 0.2	6.97	200	< 0.5	< 2	5.24	1.0	29	456	176	6.52	0.73	4.60
L5200E 5800N	201 285	< 5	< 0.2	6.70	180	< 0.5	< 2	4.22	0.5	25	375	165	6.71	0.56	4.20
L5200E 5850N	201 285	< 5	< 0.2	7.00	190	< 0.5	< 2	4.23	0.5	30	367	210	7.30	0.65	4.56
L5200E 5900N	201 285	< 5	< 0.2	5.66	200	< 0.5	< 2	3.90	0.5	27	294	245	6.17	0.56	3.43
L5200E 5950N	201 285	< 5	< 0.2	6.07	220	< 0.5	< 2	3.53	0.5	33	275	214	6.52	0.77	3.53
L5200E 6000N	201 285	< 5	< 0.2	6.95	220	< 0.5	< 2	4.64	1.0	29	296	219	7.14	0.58	3.93
L5200E 6050N	201 285	< 5	< 0.2	7.73	300	< 0.5	< 2	3.85	1.0	29	190	245	7.78	0.64	3.38
L5200E 6100N	201 285	< 5	< 0.2	6.92	300	< 0.5	< 2	3.90	0.5	29	227	255	7.31	0.79	3.64
L5200E 6150N	201 285	< 5	< 0.2	7.35	340	< 0.5	< 2	3.67	1.0	30	176	259	6.96	0.79	3.14
L5200E 6200N	201 285	< 5	< 0.2	8.77	400	< 0.5	< 2	4.40	1.5	36	130	246	8.92	0.79	3.55
L5200E 6250N	201 285	< 5	< 0.2	8.37	350	< 0.5	< 2	3.87	1.5	39	174	383	8.31	0.89	3.57

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: TECK EXPLORATIONS LIMITED

11TH FLOOR, 1199 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6E 2K5

Page Number : 4-B  
 Total Pages : 5  
 Certificate Date: 02-AUG-91  
 Invoice No. : 19118630  
 P.O. Number :

Project: BUSH 1362

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## CERTIFICATE OF ANALYSIS A9118630

SAMPLE DESCRIPTION	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)		
L5000E 5900N	201	285	1355	< 1	1.01	174	820	< 2	163	0.30	230	< 10	96	
L5000E 5950N	201	285	1225	< 1	0.90	166	740	< 2	247	0.31	253	< 10	82	
L5000E 6000N	201	285	1325	< 1	1.04	180	740	< 2	195	0.29	244	< 10	82	
L5000E 6050N	201	285	1345	< 1	1.36	198	840	< 2	199	0.29	231	< 10	84	
L5000E 6100N	201	285	1260	< 1	1.42	189	950	< 2	222	0.30	224	< 10	74	
L5000E 6150N	201	285	1315	< 1	1.42	194	930	< 2	191	0.31	227	< 10	78	
L5000E 6200N	201	285	1765	< 1	1.11	207	660	< 2	135	0.25	212	< 10	84	
L5000E 6250N	201	285	1340	< 1	1.28	211	900	< 2	170	0.29	215	< 10	86	
L5000E 6300N	201	285	1345	< 1	0.96	249	1040	< 2	92	0.30	209	10	86	
L5000E 6350N	201	285	1425	1	1.31	196	890	< 2	168	0.27	209	10	82	
L5000E 6400N	201	285	1260	< 1	1.17	120	1220	< 2	154	0.28	221	< 10	88	
L5000E 6450N	201	285	1865	< 1	1.22	79	950	< 2	154	0.35	258	< 10	88	
L5000E 6500N	201	285	2770	< 1	1.06	66	850	< 2	136	0.39	273	< 10	100	
L5000E 6550N	201	285	1970	< 1	0.91	46	870	< 2	110	0.42	278	< 10	106	
L5000E 6600N	201	285	1620	< 1	1.08	95	780	< 2	140	0.36	252	< 10	94	
L5000E 6650N	201	285	1760	< 1	1.10	48	1040	< 2	132	0.43	275	< 10	106	
L5000E 6700N	201	285	1755	< 1	1.13	46	990	< 2	133	0.41	281	< 10	100	
L5000E 6750N	201	285	1885	< 1	1.09	53	1150	< 2	127	0.41	264	< 10	102	
L5000E 6800N	201	285	1670	< 1	1.27	50	790	< 2	150	0.43	283	< 10	94	
L5000E 6850N	201	285	2520	< 1	1.17	48	920	< 2	167	0.41	304	< 10	100	
L5000E 6900N	201	285	1465	< 1	1.33	62	740	< 2	188	0.43	276	< 10	104	
L5000E 6950N	201	285	1680	2	1.05	117	3020	< 2	142	0.39	246	< 10	94	
L5200E 5400N	201	285	1275	< 1	1.24	189	830	< 2	101	0.32	226	< 10	88	
L5200E 5450N	201	285	1495	1	1.27	115	1380	96	141	0.34	230	< 10	574	
L5200E 5500N	201	285	1220	< 1	1.31	99	1200	4	196	0.35	233	< 10	116	
L5200E 5550N	201	285	1325	< 1	1.29	133	920	2	184	0.34	229	< 10	104	
L5200E 5600N	201	285	1690	< 1	1.35	83	780	24	186	0.41	253	< 10	200	
L5200E 5650N	201	285	900	< 1	1.24	85	1130	2	190	0.31	207	< 10	78	
L5200E 5700N	201	285	1455	< 1	1.32	90	1130	< 2	192	0.36	246	< 10	100	
L5200E 5750N	201	285	1380	< 1	1.48	81	670	< 2	211	0.37	250	< 10	86	
L5200E 5800N	201	285	1105	< 1	1.33	73	810	< 2	171	0.36	257	< 10	102	
L5200E 5850N	201	285	1460	1	1.27	78	760	< 2	160	0.39	267	< 10	108	
L5200E 5900N	201	285	1580	1	0.92	63	1550	< 2	130	0.30	229	< 10	130	
L5200E 5950N	201	285	2680	1	1.07	64	1100	< 2	136	0.32	246	< 10	116	
L5200E 6000N	201	285	1720	< 1	1.21	68	1110	10	172	0.41	262	< 10	138	
L5200E 6050N	201	285	1575	< 1	1.60	53	1400	8	190	0.49	297	< 10	138	
L5200E 6100N	201	285	1575	1	1.23	63	1170	4	154	0.43	277	< 10	130	
L5200E 6150N	201	285	1785	< 1	1.47	46	1340	< 2	178	0.42	267	< 10	118	
L5200E 6200N	201	285	1580	< 1	1.78	51	910	< 2	257	0.58	337	< 10	134	
L5200E 6250N	201	285	1650	< 1	1.47	64	1060	< 2	195	0.49	305	< 10	142	

CERTIFICATION:



**Chemex Labs Ltd.**  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: TECK EXPLORATIONS LIMITED

11TH FLOOR, 1199 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6E 2K5

Page Number :5-A  
 Total Pages :5  
 Certificate Date: 02-AUG-91  
 Invoice No.: 19118630  
 P.O. Number :

Project : BUSH 1362

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

**CERTIFICATE OF ANALYSIS A9118630**

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
LS200E 6300N	201 285	< 5	< 0.2	6.48	280	< 0.5	< 2	2.99	1.0	26	121	238	8.13	0.69	2.15
LS200E 6350N	201 285	< 5	< 0.2	7.59	340	< 0.5	< 2	3.79	1.0	29	163	313	8.04	0.81	2.97
LS200E 6400N	201 285	< 5	< 0.2	8.01	380	< 0.5	< 2	3.57	1.0	26	159	250	7.69	0.86	3.02
LS400E 5400N	201 285	< 5	< 0.2	5.88	200	< 0.5	< 2	4.41	1.0	30	738	66	6.10	0.50	6.53
LS400E 5450N	201 285	< 5	< 0.2	6.10	170	< 0.5	< 2	4.61	1.0	30	870	93	6.45	0.53	7.18
LS400E 5500N	201 285	< 5	< 0.2	5.07	210	< 0.5	< 2	4.81	1.0	20	780	23	5.52	0.63	5.81
LS400E 5550N	201 285	< 5	< 0.2	6.65	240	< 0.5	< 2	4.79	1.5	36	799	128	6.91	0.79	7.02
LS400E 5600N	201 285	< 5	< 0.2	6.37	210	< 0.5	< 2	4.65	1.0	32	784	125	6.65	0.72	6.80
LS400E 5650N	201 285	< 5	< 0.2	6.62	200	< 0.5	< 2	4.51	1.0	29	670	94	6.67	0.46	5.17
LS400E 5700N	201 285	< 5	< 0.2	7.04	230	< 0.5	< 2	5.11	1.0	38	829	148	7.69	0.58	5.89
LS400E 5750N	201 285	< 5	< 0.2	6.43	230	< 0.5	< 2	4.63	1.0	31	723	143	6.38	0.73	5.60
LS400E 5800N	201 285	< 5	< 0.2	6.70	220	< 0.5	< 2	3.64	1.0	32	377	155	6.91	0.63	3.93
LS400E 5850N	201 285	< 5	< 0.2	6.26	290	< 0.5	< 2	3.78	1.5	33	343	163	6.84	0.64	4.43
LS400E 5900N	201 285	< 5	< 0.2	5.67	240	< 0.5	< 2	3.66	1.5	34	321	141	6.48	0.60	3.66
LS400E 5950N	201 285	< 5	< 0.2	7.16	210	< 0.5	< 2	4.45	1.0	34	553	146	6.88	0.67	5.12
LS400E 6000N	201 285	< 5	< 0.2	7.00	260	< 0.5	< 2	3.63	1.0	30	354	187	7.39	0.68	4.56
LS400E 6050N	201 285	< 5	< 0.2	6.16	240	< 0.5	< 2	3.50	1.0	34	321	164	6.59	0.61	3.93
LS400E 6100N	201 285	< 5	< 0.2	5.37	240	< 0.5	< 2	3.20	1.0	39	217	131	5.87	0.64	2.87
LS400E 6150N	201 285	< 5	< 0.2	8.06	380	< 0.5	< 2	4.29	1.0	29	150	233	7.06	0.83	3.16
LS400E 6200N	201 285	< 5	< 0.2	6.45	350	< 0.5	< 2	3.43	1.0	32	129	204	6.88	0.71	2.70
LS400E 6250N	201 285	< 5	< 0.2	8.13	380	< 0.5	< 2	4.11	1.0	32	183	300	7.84	0.85	3.48
LS400E 6300N	201 285	< 5	< 0.2	5.68	300	< 0.5	< 2	2.94	0.5	26	144	103	7.23	0.62	2.28
LS400E 6350N	201 285	< 5	< 0.2	8.09	410	< 0.5	< 2	3.67	1.0	31	171	254	7.93	0.97	3.13
LS400E 6400N	201 285	< 5	< 0.2	8.01	350	< 0.5	< 2	3.44	1.0	30	185	275	7.38	0.80	3.12
LS400E 6450N	201 285	< 5	< 0.2	6.40	290	< 0.5	< 2	2.83	1.0	23	202	133	7.27	0.76	2.56
LS400E 6500N	201 285	< 5	< 0.2	7.75	390	< 0.5	< 2	3.86	1.0	30	250	277	7.49	0.96	3.38
LS400E 6550N	201 285	< 5	< 0.2	5.76	240	< 0.5	< 2	3.21	1.0	30	227	141	5.94	0.65	2.69
LS400E 6600N	201 285	< 5	< 0.2	7.78	370	< 0.5	< 2	3.91	1.5	30	285	238	7.08	0.94	3.63
LS400E 6650N	201 285	< 5	< 0.2	6.88	300	< 0.5	< 2	3.48	1.0	26	245	166	6.40	0.70	3.20
LS400E 6700N	201 285	< 5	< 0.2	8.29	370	< 0.5	< 2	4.41	1.5	31	239	364	7.44	1.01	3.65
LS400E 6750N	201 285	< 5	< 0.2	7.67	310	< 0.5	< 2	4.44	1.5	31	274	228	6.81	0.91	3.92
LS400E 6800N	201 285	< 5	< 0.2	8.05	350	< 0.5	< 2	3.95	1.5	33	252	350	7.26	0.99	3.62
LS400E 6850N	201 285	< 5	< 0.2	7.32	330	< 0.5	< 2	3.66	1.5	31	277	262	6.80	0.88	3.50
LS400E 6900N	201 285	< 5	< 0.2	7.34	260	< 0.5	< 2	4.25	1.0	30	381	230	6.97	0.71	4.16

CERTIFICATION:

*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: TECK EXPLORATIONS LIMITED

11TH FLOOR, 1199 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6E 2K5

Page Number :5-B  
 Total Pages :5  
 Certificate Date: 02-AUG-91  
 Invoice No. :19118630  
 P.O. Number :

Project : BUSH 1362

Comments: ATTN: WAYNE SPILSBURY CC: ANDY BETMANIS

## CERTIFICATE OF ANALYSIS A9118630

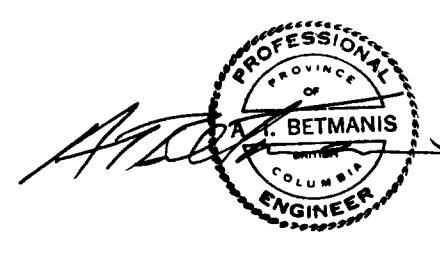
SAMPLE DESCRIPTION	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na ‰ (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti ‰ (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
L5200E 6300N	201	285	1440	1	1.03	32	2110	< 2	155	0.44	288	< 10	98		
L5200E 6350N	201	285	1580	< 1	1.39	45	1640	< 2	193	0.49	305	< 10	126		
L5200E 6400N	201	285	1155	< 1	1.42	48	1160	< 2	213	0.50	294	< 10	124		
L5400E 5400N	201	285	1205	< 1	1.64	143	1330	< 2	259	0.31	203	< 10	80		
L5400E 5450N	201	285	1160	1	1.50	161	1140	< 2	209	0.30	211	< 10	82		
L5400E 5500N	201	285	1065	< 1	1.36	112	1220	< 2	207	0.30	200	< 10	88		
L5400E 5550N	201	285	1355	1	1.60	178	1130	4	266	0.34	232	< 10	132		
L5400E 5600N	201	285	1285	< 1	1.60	155	1150	< 2	196	0.32	222	< 10	110		
L5400E 5650N	201	285	1135	1	1.55	118	1390	< 2	189	0.35	234	< 10	100		
L5400E 5700N	201	285	1615	< 1	1.37	152	1110	< 2	197	0.37	264	< 10	122		
L5400E 5750N	201	285	1270	1	1.58	142	1110	< 2	209	0.33	221	< 10	108		
L5400E 5800N	201	285	1745	1	1.31	72	1210	2	160	0.36	253	< 10	128		
L5400E 5850N	201	285	2300	< 1	1.06	78	860	8	132	0.33	240	< 10	260		
L5400E 5900N	201	285	2430	1	1.00	68	1710	10	128	0.31	227	< 10	222		
L5400E 5950N	201	285	1595	< 1	1.52	109	1410	2	195	0.38	247	< 10	128		
L5400E 6000N	201	285	1515	< 1	1.19	75	870	6	139	0.41	270	< 10	192		
L5400E 6050N	201	285	1985	< 1	1.04	68	1170	10	131	0.36	239	< 10	180		
L5400E 6100N	201	285	2460	1	0.94	54	2090	2	132	0.31	214	< 10	114		
L5400E 6150N	201	285	1675	< 1	1.72	41	990	< 2	217	0.45	287	< 10	120		
L5400E 6200N	201	285	1920	< 1	1.14	40	2080	< 2	162	0.41	252	< 10	134		
L5400E 6250N	201	285	1590	1	1.79	55	1410	< 2	244	0.52	298	< 10	132		
L5400E 6300N	201	285	1475	2	1.06	41	3180	< 2	173	0.46	268	< 10	100		
L5400E 6350N	201	285	1510	< 1	1.60	51	1370	< 2	222	0.51	289	< 10	118		
L5400E 6400N	201	285	1435	< 1	1.52	54	1230	< 2	209	0.48	285	< 10	112		
L5400E 6450N	201	285	1320	< 1	1.07	60	1340	< 2	164	0.45	275	< 10	100		
L5400E 6500N	201	285	1365	< 1	1.58	69	1350	< 2	251	0.47	272	< 10	108		
L5400E 6550N	201	285	1825	< 1	1.06	54	1940	< 2	146	0.34	218	< 10	106		
L5400E 6600N	201	285	1450	< 1	1.57	75	1490	< 2	240	0.45	255	< 10	98		
L5400E 6650N	201	285	1210	< 1	1.35	83	1480	< 2	189	0.40	237	< 10	92		
L5400E 6700N	201	285	1645	< 1	1.69	66	1190	< 2	240	0.50	273	< 10	118		
L5400E 6750N	201	285	1220	< 1	1.43	74	1050	< 2	196	0.39	260	< 10	110		
L5400E 6800N	201	285	1655	< 1	1.56	73	1220	< 2	223	0.45	264	< 10	106		
L5400E 6850N	201	285	1520	< 1	1.41	75	1390	< 2	205	0.41	248	< 10	108		
L5400E 6900N	201	285	1580	< 1	1.31	86	750	< 2	163	0.39	273	< 10	108		

CERTIFICATION:



**TECK CORPORATION**  
**ATLIN MINING DIVISION, B.C.**  
**BUSH CLAIM GROUP**

**COPPER and GOLD**  
**GEOCHEMICAL**  
**SOIL SURVEY**



(ppb Au) 20 + 151 (ppm Cu)

+ 149

FLAGGED LINE

NOTE: Where no Au values shown analysis is <5 ppb Au  
NS indicates no sample taken

- OUTCROP SAMPLE WITH ppm Cu
- FLOAT SAMPLE WITH ppm Cu