

# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1  
PHONE (604) 984-0221

674092

## CERTIFICATE OF ANALYSIS A8710708

To: STEPHEN, J.C. EXPLORATION LIMITED

1458 RUPERT STREET  
NORTH VANCOUVER, B.C.  
V7J 1E9

Page No. : 1-A  
Tot. Pages: 1  
Date : 10-FEB-87  
Invoice # : I-8710708  
P.O. # : NONE

Project :  
Comments :

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

Project :  
Comments :

SAMPLE DESCRIPTION	PREP CODE	As ppb F+HAA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cl ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Nb %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	
BB 15	225 238	not/ass	1.32	6.2	40	100	< 0.5	< 2	2.97	1.5	11	80	1175	1.51	< 10	0.05	20	0.29	2610	12	0.01	9	3410	34	< 5	327	0.01	< 10	30	52	< 5	30	
BB 231	225 238	< 5	2.52	0.8	20	50	< 0.5	< 2	0.65	< 0.5	15	45	1245	3.32	< 10	0.09	10	0.88	960	< 1	0.01	22	2190	4	< 5	134	0.06	< 10	< 10	101	< 5	76	
BB 273	225 238	< 5	2.13	1.8	15	60	< 0.5	< 2	2.18	< 0.5	8	40	2730	1.67	< 10	0.05	40	0.51	792	< 1	0.01	13	2690	10	< 5	134	0.02	< 10	< 10	43	< 5	50	
BC 100E 90N	225 238	< 5	1.49	0.6	< 5	50	< 0.5	< 2	0.13	< 0.5	6	3	69	3.16	< 10	0.04	< 10	0.33	377	5	< 0.01	2	610	14	< 5	27	0.04	< 10	< 10	87	< 5	48	
BC 100E104N	225 238	5	1.84	1.2	15	40	< 0.5	< 2	0.28	< 0.5	12	7	258	4.78	< 10	0.08	10	0.33	557	5	< 0.01	5	1440	18	< 5	15	0.06	< 10	< 10	108	< 5	52	
BC 104E 106N	225 238	5	1.79	0.8	15	50	< 0.5	< 2	0.34	< 0.5	15	7	276	4.62	< 10	0.13	20	0.59	751	3	< 0.01	6	1530	12	< 5	22	0.07	< 10	< 10	117	< 5	48	
BC 112E 88N	225 238	35	1.60	0.8	5	60	< 0.5	< 2	0.57	< 0.5	12	5	207	4.25	< 10	0.04	20	0.54	919	15	< 0.01	4	1290	8	< 5	45	0.04	< 10	< 10	84	< 5	54	
BC 112E 120N	225 238	< 20	1.98	1.0	5	520	< 0.5	< 2	0.87	0.5	12	10	193	3.65	< 10	0.05	40	0.53	6070	34	0.01	6	1420	8	< 5	98	0.06	< 10	< 10	100	< 5	112	
BC 114E 880	225 238	20	2.02	1.0	10	100	< 0.5	< 2	0.70	0.5	7	5	227	2.24	< 10	0.07	30	0.25	570	16	0.01	1	1550	16	< 5	120	0.04	< 10	< 10	45	< 5	44	
BC 116E 92N	225 238	20	2.36	1.4	10	120	< 0.5	< 2	0.63	< 0.5	10	14	211	3.91	< 10	0.05	130	0.54	1030	19	0.01	6	2180	24	< 5	90	0.03	< 10	< 10	81	< 5	88	
BC 116E 100N	225 238	10	1.83	1.4	5	170	< 0.5	< 2	0.95	< 0.5	7	8	186	2.53	< 10	0.05	80	0.42	1020	13	0.01	5	1980	10	< 5	115	0.02	< 10	< 10	46	< 5	56	
BC 120E 86N	225 238	< 25	1.16	1.0	< 5	100	< 0.5	< 2	0.78	< 0.5	12	7	185	5.45	< 10	0.13	20	0.57	986	19	0.01	6	1280	14	< 5	86	0.08	< 10	< 10	171	< 5	50	
BC 124E 88N	225 238	5	1.47	4.0	< 5	50	< 0.5	< 2	0.62	< 0.5	2	9	38	2.05	< 10	0.06	< 10	0.30	170	24	0.01	4	1350	10	< 5	34	0.06	< 10	< 10	91	< 5	30	
BC 124E 92N	225 238	not/ass	2.49	2.6	< 5	80	< 0.5	< 2	0.23	1.0	1	4	147	6.48	< 10	0.03	80	0.10	117	121	0.01	2	3460	20	< 5	126	0.01	< 10	< 10	170	< 5	16	
BC 128E 74N	225 238	< 20	1.75	2.0	5	290	0.5	< 2	1.58	3.0	12	14	280	2.37	< 10	0.07	110	0.32	2080	21	0.01	10	3240	14	< 5	154	0.01	< 10	< 10	48	< 5	46	
BC 136E 114N	225 238	< 20	3.63	2.0	10	450	< 0.5	< 2	1.07	0.5	12	7	243	5.05	< 10	0.23	30	0.68	983	23	0.01	8	2190	16	< 5	138	0.02	< 10	< 10	101	< 5	82	
BC 148E 88N	225 238	80	3.66	5.0	30	260	1.5	< 2	0.34	< 0.5	6	15	237	3.04	< 10	0.03	190	0.39	1190	18	0.01	2	4120	6	< 5	101	0.03	< 10	< 10	64	< 5	46	
BU 10	225 238	< 25	1.12	1.4	5	180	< 0.5	< 2	1.08	0.5	36	5	254	6.51	< 10	0.06	20	0.22	5850	9	0.01	4	2890	24	< 5	111	0.05	< 10	< 10	301	< 5	40	
BU 16	225 238	< 5	1.72	0.6	15	40	< 0.5	< 2	0.37	< 0.5	6	3	142	3.26	< 10	0.04	< 10	0.27	341	< 1	0.01	3	1470	4	< 5	50	0.10	< 10	< 10	115	< 5	34	
BU 44	225 238	not/ass	1.24	1.2	< 10	160	< 1.0	< 4	2.36	< 1.0	4	2	386	1.94	< 20	0.02	20	0.18	602	2	0.02	4	2200	8	< 10	196	0.02	< 20	< 20	44	< 10	20	
BU 50	225 238	50	0.71	0.8	< 5	150	< 0.5	< 2	1.61	< 0.5	7	2	171	2.10	< 10	0.05	10	0.25	490	1	0.01	2	720	2	< 5	169	0.07	< 10	< 10	48	< 5	22	
BU 58	225 238	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass	not/ass
BU 60	225 238	< 50	0.74	1.2	< 5	200	< 0.5	< 2	1.90	< 0.5	20	1	258	2.30	< 10	0.03	20	0.12	1145	2	0.01	2	1410	4	< 5	152	0.01	< 10	< 10	66	< 5	10	
BU 64	225 238	< 50	0.62	0.8	< 5	150	< 0.5	< 2	1.10	0.5	13	1	159	3.22	< 10	0.06	10	0.16	2450	1	0.01	1	1550	4	< 5	127	0.02	< 10	< 10	107	< 5	16	
CI 100N 98E	225 238	< 25	0.96	0.6	< 5	70	< 0.5	< 2	0.32	< 0.5	4	14	57	3.17	< 10	0.04	< 10	0.24	179	2	0.01	4	980	4	< 5	40	0.07	< 10	< 10	87	< 5	26	
CI 100N 114E	225 238	< 5	2.11	1.2	5	110	< 0.5	< 2	0.40	< 0.5	10	13	306	3.75	< 10	0.07	10	0.53	370	2	0.01	9	790	6	< 5	137	0.10	< 10	< 10	84	< 5	50	
W-254	225 238	< 20	1.58	1.0	10	100	< 0.5	< 2	1.24	< 0.5	13	28	148	3.16	< 10	0.22	10	0.79	753	< 1	0.01	17	1210	8	< 5	97	0.14	< 10	< 10	90	< 5	58	
W-260	225 238	35	1.60	0.8	5	110	< 0.5	< 2	1.01	< 0.5	8	5	111	2.67	< 10	0.19	20	0.60	512	2	0.01	4	1420	6	< 5	106	0.12	< 10	< 10	73	< 5	46	
W-269	225 238	30	1.66	1.0	< 5	70	< 0.5	< 2	1.23	< 0.5	12	18	113	2.73	< 10	0.14	10	0.75	425	< 1	0.02	9	900	< 2	< 5	95	0.19	< 10	< 10	94	< 5	40	
W-271	225 238	80	3.58	1.6	45	240	< 0.5	< 2	1.07	< 0.5	24	54	562	4.53	< 10	0.40	30	1.29	1555	5	0.02	29	1230	6	< 5	66	0.15	< 10	< 10	148	< 5	74	
W-281	225 238	< 20	1.71	0.8	5	150	< 0.5	< 2	0.95	< 0.5	9	15	111	2.93	< 10	0.14	10	0.68	705	1	0.01	9	1080	4	< 5	96	0.10	< 10	< 10	74	< 5	56	
Z-614	225 238	< 50	1.10	0.8	5	90	< 0.5	< 2	0.87	0.5	14	107	276	3.80	< 10	0.16	10	0.87	904	4	0.01	23	820	20	< 5	46	0.11	< 10	< 10	146	< 5	48	
Z-615	225 238	< 10	1.64	1.6	10	130	< 0.5	< 2	1.34	0.5	16	177	534	3.67	< 10	0.13	10	1.14	1030	5	0.01	32	1130	14	< 5	83	0.11	< 10	< 10	135	< 5	62	
Z-616	225 238	< 20	2.10	2.4	20	150	< 0.5	< 2	0.92	< 0.5	19	201	875	4.11	< 10	0.24	20	1.23	1045	11	0.02	36	870	20	< 5	77	0.12	< 10	< 10	137	< 5	56	
Z-617	225 238	< 25	1.43	1.8	< 5	90	< 0.5	< 2	0.96	0.5	16																						

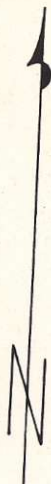


ROCK CREEK AREA  
OUTCROP DISTRIBUTION MAP

Legend:

-  - med-gr. grey monzonite
-  - Volcanics: mainly andesite as breccias with lesser tuffs and flows generally green to green-grey, with pyroxene and sometimes hbl phenos.
-  - Volcanics: mainly fine to med gr. flows with lesser breccia: commonly amygdaloidal and generally reddish-purple in colour.

note: dykes are indicated at their approximate location  
 (1) "P" denotes a coarse-gr. grs.-pink feldsp. porphyry



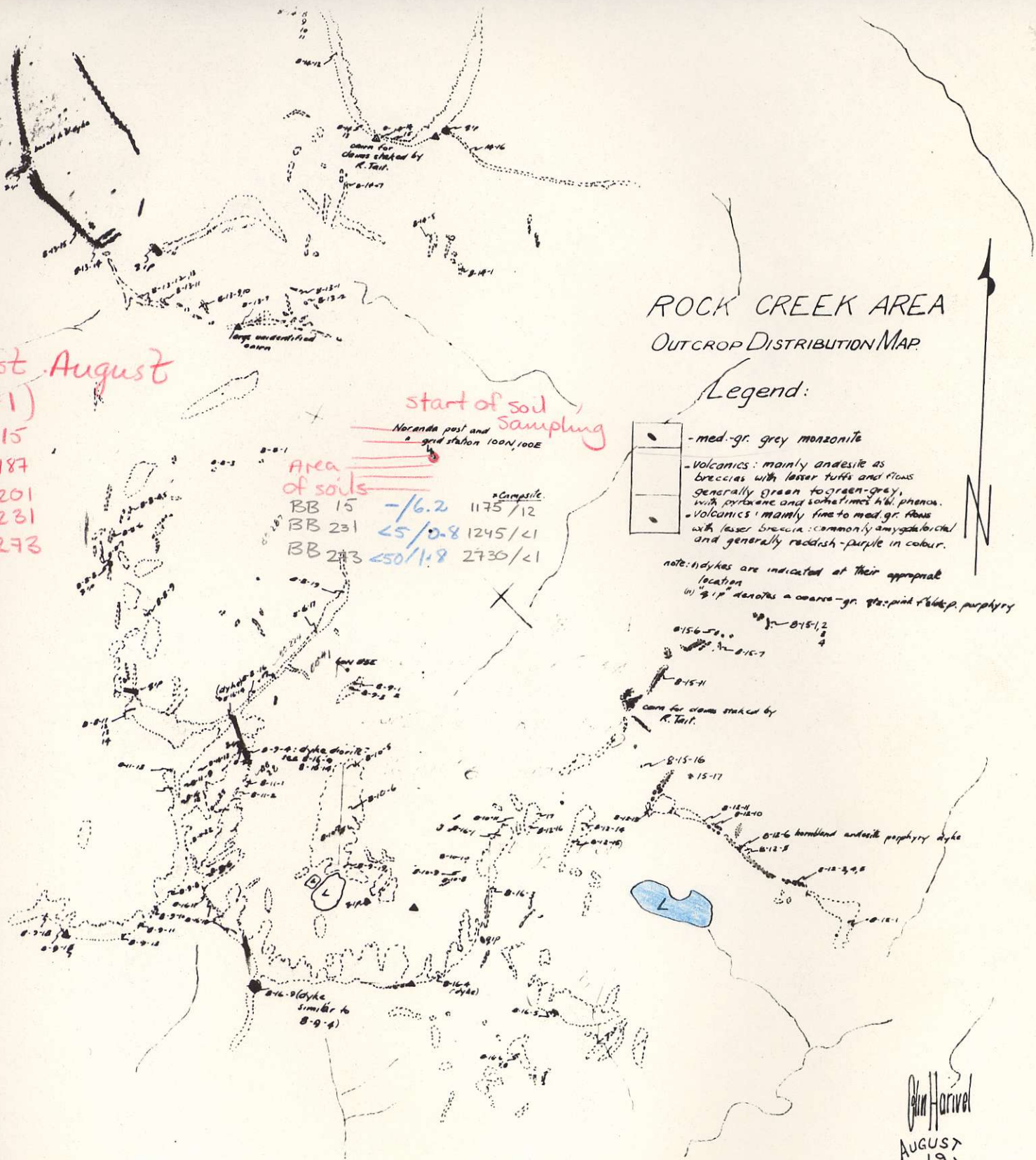
best August  
(1971)

BB-15  
187  
201  
231  
273

start of soil sampling  
Noranda post and grid station 100N/100E

Area of soils

BB	Sample	Composite
BB 15	-/6.2	1175/12
BB 231	<5/0.8	1245/21
BB 273	<50/1.8	2730/21



Jim Harvel  
AUGUST 1971

2056 87

Green Au/Ag  
pencil Cu/Mo