Chemex Labs Ltd.

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

To: BHP - UTAH INTERNATIONAL

1360 POST OAK BLVD., SUITE 203
HOUSTON, TEXAS
77056-3020

A9424298

Comments: ATTN: P. PYLE CC: B. LAIRD

CERTIFICATE A9424298

(HTB) - BHP - UTAH INTERNATIONAL

Project: 2115
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 14-DEC-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
217	95	Geochem ring entire sample
229	95	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	95	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	95	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	95	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	95	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	95	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	95	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	95	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	95	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	95	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	95	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	95	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	95	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	95	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	95	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	95	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	95	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	95	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	95	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	95	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	95	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	95	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	95	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	95	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	95	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	95	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	95	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	95	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	95	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	95	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	95	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	95	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	95	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	95	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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CERTIFICATE OF ANALYSIS A9424298

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L93 BS 4060	217	229	< 5	< 0.2	3.28	4	260	< 0.5	< 2	0.18	< 0.5	18	24	116	6.60	< 10	< 1	0.40	< 10	1.29	565
L93 BS 4061	217	229	< 5	< 0.2	3.02	< 2	250	< 0.5	< 2	0.26	< 0.5	14	22	93	5.88	< 10	< 1	0.32	< 10	0.89	620
L93 BS 4062	217	229	< 5	< 0.2	4.08	8	260	< 0.5	< 2	0.07	< 0.5	19	22	130	6.52	< 10	< 1	0.59	10	1.81	580
L93 BS 4063	217	229	< 5	< 0.2	3.03	< 2	270	< 0.5	< 2	0.30	< 0.5	27	31	104	7.01	< 10	< 1	0.32	< 10	0.89	880
L93 BS 4064	217	229	< 5	< 0.2	3.01	6	200	< 0.5	< 2	0.30	< 0.5	24	24	128	6.45	< 10	< 1	0.21	< 10	1.05	820
L93 BS 4065	217	229	< 5	< 0.2	2.07	8	290	< 0.5	< 2	0.22	1.5	17	24	104	6.23	< 10	< 1	0.17	< 10	0.65	1035
L93 BS 4066	217	229	< 5	< 0.2	2.16	2	240	< 0.5	< 2	0.09	1.5	28	32	116	5.81	< 10	< 1	0.13	< 10	0.58	2160
L93 BS 4067	217	229	< 5	< 0.2	2.71	6	240	< 0.5	2	0.16	< 0.5	33	29	21	6.27	< 10	< 1	0.16	< 10	1.18	2690
L93 BS 4068	217	229	< 5	< 0.2	2.90	18	320	< 0.5	< 2	0.15	< 0.5	34	24	97	6.38	< 10	< 1	0.16	< 10	1.12	3030
L93 BS 4069	217	229	< 5	< 0.2	2.14	8	150	< 0.5	< 2	0.33	< 0.5	17	27	7	4.46	< 10	< 1	0.16	< 10	0.76	1890
L93 BS 4070	217	229	< 5	< 0.2	2.57	14	200	< 0.5	< 2	0.17	< 0.5	21	21	86	5.29	< 10	< 1	0.09	< 10	1.08	1680
L93 BS 4071	217	229	< 5	< 0.2	2.59	14	240	< 0.5	< 2	0.50	0.5	14	27	20	4.34	< 10	< 1	0.04	< 10	0.71	1010
L93 BS 4072	217	229	< 5	< 0.2	2.17	4	150	< 0.5	< 2	0.36	< 0.5	16	22	39	4.71	< 10	< 1	0.05	< 10	0.74	1070
L93 BS 4073	217	229	< 5	< 0.2	2.57	< 2	190	0.5	2	0.22	< 0.5	22	13	64	5.38	< 10	< 1	0.10	< 10	1.11	1365
L92 BS 4074	217	229	< 5	< 0.2	2.80	< 2	510	< 0.5	< 2	0.34	0.5	19	21	278	5.39	< 10	< 1	0.11	< 10	0.85	1835
L92 BS 4075	217	229	15	< 0.2	3.00	< 2	600	< 0.5	< 2	0.44	1.0	21	21	332	5.38	< 10	< 1	0.08	< 10	0.94	1940
L92 BS 4076	217	229	80	< 0.2	2.79	4	340	< 0.5	< 2	0.44	0.5	18	15	79	4.94	< 10	< 1	0.12	< 10	0.81	1285
L92 BS 4077	217	229	10	< 0.2	3.30	< 2	220	< 0.5	< 2	0.50	< 0.5	18	11	213	5.70	< 10	< 1	0.06	< 10	0.92	1345
L92 BS 4078	217	229	< 5	< 0.2	0.76	74	160	< 0.5	< 2	0.31	0.5	10	30	70	3.77	< 10	< 1	0.12	< 10	0.05	945
L92 BS 4079	217	229	< 5	< 0.2	0.85	28	270	< 0.5	2	0.87	2.5	10	20	161	3.55	< 10	< 1	0.23	< 10	0.25	1515
L92 BS 4080	217	229	< 5	< 0.2	1.52	< 2	90	< 0.5	< 2	0.08	< 0.5	6	16	26	4.53	< 10	< 1	0.07	< 10	0.10	290
L92 BS 4081	217	229	< 5	< 0.2	2.02	4	80	< 0.5	< 2	0.13	< 0.5	6	14	49	4.92	< 10	< 1	0.05	< 10	0.16	295
L92 BS 4082	217	229	< 5	< 0.2	2.48	6	190	< 0.5	< 2	0.31	0.5	14	17	117	4.83	< 10	< 1	0.07	< 10	0.48	1020
L92 BS 4083	217	229	5	< 0.2	2.43	< 2	120	< 0.5	< 2	1.96	< 0.5	11	25	190	5.32	< 10	< 1	0.06	< 10	0.74	545
L92 BS 4084	217	229	< 5	< 0.2	3.97	2	250	< 0.5	< 2	0.60	< 0.5	33	18	150	6.26	< 10	< 1	0.04	< 10	1.01	2030
L92 BS 4085	217	229	20	< 0.2	2.20	14	320	< 0.5	< 2	0.51	0.5	18	25	149	5.63	< 10	< 1	0.10	< 10	0.62	1100
L92 BS 4086	217	229	10	< 0.2	2.67	4	320	< 0.5	< 2	0.32	0.5	19	25	102	5.85	< 10	< 1	0.08	< 10	0.73	1525
L92 BS 4087	217	229	< 5	< 0.2	2.36	4	280	< 0.5	< 2	0.37	0.5	18	25	87	5.31	< 10	< 1	0.08	< 10	0.64	1450
L92 BS 4088	217	229	< 5	< 0.2	2.36	6	160	< 0.5	< 2	0.38	< 0.5	16	124	66	4.32	< 10	< 1	0.09	< 10	0.47	725
L92 BS 4089	217	229	< 5	< 0.2	3.31	< 2	170	0.5	< 2	0.45	0.5	17	45	166	6.07	< 10	< 1	0.17	< 10	0.79	735
L92 BS 4090	217	229	< 5	0.2	2.78	< 2	220	< 0.5	< 2	0.53	< 0.5	14	35	55	4.34	< 10	< 1	0.15	< 10	0.42	730
L92 BS 4091	217	229	5	< 0.2	2.95	10	480	< 0.5	< 2	1.97	< 0.5	40	32	128	5.64	< 10	< 1	0.17	< 10	0.52	2260
L92 BS 4092	217	229	< 5	< 0.2	2.92	6	740	< 0.5	< 2	0.45	< 0.5	23	30	80	6.62	< 10	< 1	0.03	< 10	0.78	830
L92 BS 4093	217	229	< 5	< 0.2	2.58	12	680	< 0.5	2	0.31	< 0.5	19	18	80	6.60	< 10	< 1	0.11	< 10	0.70	600
L91 BS 4094	217	229	< 5	< 0.2	2.77	< 2	150	< 0.5	< 2	0.14	< 0.5	67	31	124	4.52	< 10	< 1	0.09	< 10	1.10	760
L91 BS 4095	217	229	15	< 0.2	2.18	8	110	< 0.5	< 2	0.11	< 0.5	17	27	201	7.61	< 10	< 1	0.04	< 10	0.25	505
L91 BS 4096	217	229	65	< 0.2	2.18	< 2	120	< 0.5	< 2	0.18	< 0.5	16	23	436	6.34	< 10	< 1	0.07	< 10	0.30	505
L91 BS 4097	217	229	220	0.2	2.17	18	360	< 0.5	4	0.16	< 0.5	28	28	538	6.89	< 10	< 1	0.04	< 10	0.19	1930
L91 BS 4098	217	229	< 5	< 0.2	2.23	4	140	< 0.5	< 2	0.23	< 0.5	15	38	167	6.62	< 10	< 1	0.14	< 10	0.33	540
L91 BS 4099	217	229	45	< 0.2	2.86	10	110	< 0.5	2	0.21	< 0.5	14	23	111	8.23	< 10	< 1	0.07	< 10	0.46	760

CERTIFICATION: Hart Bechler

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L93 BS 4060	217 229	1	0.02	8	330	6	< 2	17	35	0.09	< 10	< 10	244	10	114
L93 BS 4061	217 229	1	0.01	6	260	6	< 2	15	32	0.08	< 10	< 10	219	< 10	88
L93 BS 4062	217 229	1	0.04	10	140	2	< 2	20	17	0.11	< 10	< 10	213	10	150
L93 BS 4063	217 229	1	0.01	9	340	6	< 2	14	40	0.08	< 10	< 10	254	10	138
L93 BS 4064	217 229	1	0.01	8	320	8	< 2	14	36	0.08	< 10	< 10	247	< 10	130
L93 BS 4065	217 229	< 1	0.03	5	750	32	< 2	8	45	< 0.01	< 10	< 10	157	10	224
L93 BS 4066	217 229	< 1	0.01	9	490	72	< 2	9	17	< 0.01	< 10	< 10	148	10	420
L93 BS 4067	217 229	< 1	0.01	13	550	6	< 2	13	22	< 0.01	< 10	< 10	201	10	376
L93 BS 4068	217 229	1	0.01	13	490	10	< 2	12	24	< 0.01	< 10	< 10	187	10	388
L93 BS 4069	217 229	< 1	0.02	6	420	6	2	6	26	0.02	< 10	< 10	95	< 10	222
L93 BS 4070	217 229	< 1	0.03	6	460	2	< 2	9	21	< 0.01	< 10	< 10	116	< 10	274
L93 BS 4071	217 229	< 1	0.02	6	290	6	< 2	8	55	0.06	< 10	< 10	119	< 10	154
L93 BS 4072	217 229	1	0.02	5	330	8	< 2	9	36	0.04	< 10	< 10	104	< 10	204
L93 BS 4073	217 229	< 1	0.02	6	400	8	< 2	13	26	0.02	< 10	< 10	110	10	310
L92 BS 4074	217 229	< 1	0.02	7	410	16	< 2	10	47	0.03	< 10	< 10	119	< 10	276
L92 BS 4075	217 229	< 1	0.02	8	410	26	< 2	10	50	0.04	< 10	< 10	129	10	316
L92 BS 4076	217 229	< 1	0.01	5	350	28	< 2	9	55	0.02	< 10	< 10	122	10	292
L92 BS 4077	217 229	< 1	0.02	6	390	12	< 2	12	61	0.06	< 10	< 10	136	< 10	212
L92 BS 4078	217 229	1	0.01	3	450	24	< 2	5	18	< 0.01	< 10	< 10	53	< 10	254
L92 BS 4079	217 229	2	0.01	2	1430	162	2	4	84	< 0.01	< 10	< 10	52	10	560
L92 BS 4080	217 229	< 1	0.01	1	360	26	< 2	5	16	< 0.01	< 10	< 10	80	< 10	84
L92 BS 4081	217 229	1	< 0.01	2	350	12	< 2	5	21	0.01	< 10	< 10	98	< 10	60
L92 BS 4082	217 229	< 1	0.01	3	420	12	< 2	8	33	0.01	< 10	< 10	109	< 10	132
L92 BS 4083	217 229	1	0.01	7	280	20	< 2	8	28	0.04	< 10	< 10	155	10	124
L92 BS 4084	217 229	2	0.06	7	380	< 2	< 2	9	131	0.10	< 10	< 10	236	< 10	64
L92 BS 4085	217 229	1	0.03	6	600	12	< 2	8	41	0.05	< 10	< 10	163	< 10	122
L92 BS 4086	217 229	< 1	0.02	4	370	14	2	10	33	0.04	< 10	< 10	148	< 10	184
L92 BS 4087	217 229	1	0.02	4	400	12	< 2	9	34	0.04	< 10	< 10	131	< 10	146
L92 BS 4088	217 229	1	0.02	6	410	6	< 2	8	28	0.02	< 10	< 10	117	< 10	92
L92 BS 4089	217 229	1	0.01	8	730	14	< 2	12	36	0.04	< 10	< 10	160	< 10	196
L92 BS 4090	217 229	1	< 0.01	6	560	72	< 2	8	35	0.04	< 10	< 10	116	< 10	88
L92 BS 4091	217 229	< 1	0.02	10	880	204	< 2	10	35	0.03	< 10	< 10	147	< 10	190
L92 BS 4092	217 229	1	0.02	9	310	20	4	12	40	0.06	< 10	< 10	183	< 10	80
L92 BS 4093	217 229	< 1	0.01	8	340	8	< 2	12	35	0.03	< 10	< 10	194	< 10	66
L91 BS 4094	217 229	< 1	0.03	13	210	< 2	< 2	14	22	0.02	< 10	< 10	172	< 10	58
L91 BS 4095	217 229	1	< 0.01	6	340	4	< 2	14	15	0.02	< 10	< 10	274	< 10	120
L91 BS 4096	217 229	1	0.01	6	220	4	< 2	13	27	0.02	< 10	< 10	212	< 10	98
L91 BS 4097	217 229	2	< 0.01	6	400	8	< 2	14	28	0.01	< 10	< 10	210	< 10	86
L91 BS 4098	217 229	3	0.01	7	350	2	< 2	9	37	0.02	< 10	< 10	208	< 10	92
L91 BS 4099	217 229	< 1	0.01	6	530	10	< 2	12	49	0.02	< 10	< 10	262	< 10	110

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L91 BS 4100	217	229	20	< 0.2	2.53	2	90	< 0.5	< 2	0.22	< 0.5	12	22	65	5.78	< 10	< 1	0.04	< 10	0.58	435
L91 BS 4101	217	229	5	< 0.2	2.05	< 2	90	< 0.5	< 2	0.16	< 0.5	9	19	59	5.72	< 10	< 1	0.10	< 10	0.45	315
L91 BS 4102	217	229	15	< 0.2	2.67	< 2	230	< 0.5	< 2	0.39	< 0.5	12	7	42	4.44	< 10	< 1	0.05	< 10	0.58	585
L91 BS 4103	217	229	5	< 0.2	2.20	2	290	< 0.5	< 2	0.26	0.5	13	12	83	5.17	< 10	< 1	0.10	< 10	0.45	655
L91 BS 4104	217	229	35	< 0.2	2.79	< 2	260	< 0.5	< 2	0.36	< 0.5	17	12	55	5.74	< 10	< 1	0.08	< 10	0.54	1080
L91 BS 4105	217	229	15	< 0.2	2.67	< 2	390	< 0.5	< 2	0.28	< 0.5	22	9	69	5.99	< 10	< 1	0.06	< 10	0.74	1455
L91 BS 4106	217	229	35	< 0.2	1.94	6	290	0.5	< 2	0.24	0.5	21	10	55	5.92	< 10	< 1	0.29	< 10	0.55	2520
L91 BS 4107	217	229	170	< 0.2	2.09	6	150	< 0.5	< 2	0.18	< 0.5	18	11	49	5.65	< 10	< 1	0.22	< 10	0.61	1825
L90 BS 4108	217	229	10	< 0.2	0.77	2	80	< 0.5	< 2	8.42	< 0.5	1	83	28	1.64	< 10	< 1	0.06	< 10	0.20	165
L90 BS 4109	217	229	5	< 0.2	1.41	12	70	< 0.5	< 2	0.26	< 0.5	1	42	12	2.83	< 10	< 1	0.03	< 10	0.10	95
L90 BS 4110	217	229	< 5	< 0.2	1.64	22	120	< 0.5	< 2	2.71	0.5	2	46	33	3.64	< 10	< 1	0.09	10	0.26	165
L90 BS 4111	217	229	< 5	< 0.2	1.43	18	300	< 0.5	< 2	0.34	< 0.5	2	39	22	2.76	< 10	< 1	0.06	< 10	0.18	125
L90 BS 4112	217	229	< 5	< 0.2	1.39	2	260	< 0.5	< 2	0.23	< 0.5	3	53	17	2.29	< 10	< 1	0.14	10	0.22	120
L90 BS 4113	217	229	< 5	< 0.2	2.06	28	690	< 0.5	< 2	0.19	< 0.5	2	21	30	4.59	< 10	< 1	0.14	20	0.24	55
L90 BS 4114	217	229	< 5	< 0.2	1.44	6	290	< 0.5	< 2	0.26	< 0.5	2	43	18	3.03	< 10	< 1	0.19	< 10	0.21	115
L90 BS 4115	217	229	25	< 0.2	1.42	6	210	< 0.5	< 2	0.11	< 0.5	1	13	36	5.37	< 10	< 1	0.07	< 10	0.14	40
L90 BS 4116	217	229	< 5	< 0.2	1.97	2	120	< 0.5	< 2	0.12	< 0.5	5	14	73	5.02	< 10	< 1	0.08	< 10	0.31	310
L90 BS 4117	217	229	< 5	< 0.2	2.49	8	110	< 0.5	< 2	0.14	< 0.5	2	13	89	5.53	< 10	< 1	0.07	< 10	0.24	180
L90 BS 4118	217	229	< 5	< 0.2	2.59	10	180	< 0.5	2	0.16	1.5	25	12	396	7.13	< 10	< 1	0.07	< 10	0.40	1180
L90 BS 4119	217	229	30	< 0.2	2.11	6	190	0.5	2	0.31	1.0	22	14	242	6.68	< 10	< 1	0.08	< 10	0.34	1110
L90 BS 4120	217	229	5	< 0.2	2.69	< 2	160	< 0.5	< 2	0.17	0.5	26	28	154	8.17	< 10	< 1	0.12	< 10	0.50	1030
L90 BS 4121	217	229	10	< 0.2	2.90	4	150	< 0.5	< 2	0.15	< 0.5	23	25	95	7.59	< 10	< 1	0.03	< 10	0.45	1015
L90 BS 4122	217	229	10	< 0.2	2.34	4	160	< 0.5	2	1.36	< 0.5	16	18	118	6.37	< 10	< 1	0.04	< 10	0.56	755
L90 BS 4123	217	229	210	< 0.2	1.85	6	120	< 0.5	< 2	0.35	< 0.5	11	31	56	4.13	< 10	< 1	0.03	< 10	0.46	575
L90 BS 4124	217	229	15	< 0.2	1.37	6	90	< 0.5	< 2	0.36	0.5	15	23	64	4.20	< 10	< 1	0.03	< 10	0.34	535
L90 BS 4125	217	229	< 5	< 0.2	1.77	2	110	< 0.5	2	0.19	< 0.5	19	20	63	5.58	< 10	< 1	0.04	< 10	0.31	960
L90 BS 4126	217	229	10	< 0.2	1.45	8	140	< 0.5	< 2	0.24	< 0.5	16	27	96	5.56	< 10	< 1	0.03	< 10	0.20	500
L90 BS 4127	217	229	15	< 0.2	2.47	20	450	0.5	2	0.12	< 0.5	25	25	157	6.63	< 10	< 1	0.07	< 10	0.32	1345
L90 BS 4128	217	229	10	0.2	1.74	6	410	< 0.5	< 2	0.14	< 0.5	13	36	62	5.30	< 10	< 1	0.10	< 10	0.19	510
L90 BS 4129	217	229	70	< 0.2	2.69	6	680	< 0.5	< 2	0.20	< 0.5	16	23	73	6.35	< 10	< 1	0.05	< 10	0.39	510
L90 BS 4130	217	229	< 5	< 0.2	3.32	4	390	< 0.5	< 2	0.33	< 0.5	19	24	56	6.68	< 10	< 1	0.04	< 10	0.70	935
L90 BS 4131	217	229	< 5	< 0.2	1.59	4	550	0.5	< 2	0.26	< 0.5	11	44	26	3.47	< 10	< 1	0.06	20	0.28	440
L90 BS 4132	217	229	< 5	< 0.2	2.04	4	260	< 0.5	< 2	0.40	< 0.5	10	38	19	3.36	< 10	< 1	0.06	< 10	0.36	500
L90 BS 4133	217	229	< 5	< 0.2	1.66	< 2	120	< 0.5	< 2	0.68	0.5	13	33	32	2.22	< 10	< 1	0.07	10	0.19	330
L90 BS 4134	217	229	< 5	< 0.2	2.01	6	90	0.5	< 2	0.77	0.5	18	28	26	3.08	< 10	< 1	0.06	10	0.18	570
L90 BS 4135	217	229	< 5	< 0.2	2.16	8	70	0.5	< 2	0.95	2.0	13	33	36	3.09	< 10	< 1	0.09	10	0.22	620
L90 BS 4136	217	229	< 5	< 0.2	3.21	20	60	1.0	< 2	0.91	11.0	22	174	44	6.92	< 10	< 1	0.07	30	0.14	1215
L90 BS 4137	217	229	< 5	0.2	1.40	2	10	< 0.5	< 2	>15.00	4.0	4	71	15	1.88	10	< 1	0.02	< 10	0.14	460
L91 BS 4138	217	229	< 5	< 0.2	2.49	4	500	< 0.5	2	4.24	1.0	23	21	117	5.13	10	< 1	0.05	< 10	0.65	825
L91 BS 4139	217	229	< 5	< 0.2	2.67	16	1330	< 0.5	< 2	0.71	< 0.5	27	16	58	5.86	< 10	< 1	0.03	< 10	0.83	1270

CERTIFICATION: _____

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: BHP - UTAH INTERNATIONAL

1360 POST OAK BLVD., SUITE 203
HOUSTON, TEXAS
77056-3020

Project : 2115
Comments: ATTN: P. PYLE CC: B. LAIRD

Certificate Date: 09-SEP-94
Invoice No. : I9424298
P.O. Number :
Account : HTB

CERTIFICATE OF ANALYSIS A9424298

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L91 BS 4100	217	229	< 1	0.01	7	440	10	< 2	8	46	< 0.01	< 10	< 10	123	< 10	82
L91 BS 4101	217	229	1	0.02	4	660	16	2	7	49	< 0.01	< 10	< 10	100	< 10	100
L91 BS 4102	217	229	1	0.03	2	320	8	< 2	7	62	0.04	< 10	< 10	92	< 10	92
L91 BS 4103	217	229	< 1	0.01	2	530	12	< 2	8	59	0.01	< 10	< 10	92	< 10	150
L91 BS 4104	217	229	< 1	0.01	4	270	8	< 2	16	48	0.02	< 10	< 10	153	< 10	168
L91 BS 4105	217	229	< 1	0.02	4	350	14	< 2	16	41	0.02	< 10	< 10	146	< 10	244
L91 BS 4106	217	229	< 1	< 0.01	4	550	8	2	16	30	0.02	< 10	< 10	140	10	460
L91 BS 4107	217	229	< 1	0.01	4	360	8	4	15	25	0.01	< 10	< 10	143	10	400
L90 BS 4108	217	229	< 1	0.01	3	300	30	2	2	54	0.02	< 10	< 10	54	< 10	66
L90 BS 4109	217	229	< 1	0.01	1	230	12	< 2	2	16	0.01	< 10	< 10	92	< 10	12
L90 BS 4110	217	229	1	0.04	4	650	12	4	7	54	0.02	< 10	< 10	88	< 10	160
L90 BS 4111	217	229	< 1	< 0.01	2	260	8	< 2	6	44	< 0.01	< 10	< 10	83	< 10	28
L90 BS 4112	217	229	1	< 0.01	3	290	2	< 2	3	76	< 0.01	< 10	< 10	59	< 10	22
L90 BS 4113	217	229	3	< 0.01	1	800	4	< 2	5	263	< 0.01	< 10	< 10	83	< 10	20
L90 BS 4114	217	229	< 1	0.01	2	270	8	< 2	3	74	< 0.01	< 10	< 10	82	< 10	14
L90 BS 4115	217	229	1	0.03	1	640	24	< 2	2	48	< 0.01	< 10	< 10	65	< 10	22
L90 BS 4116	217	229	< 1	0.01	2	550	20	< 2	8	32	< 0.01	< 10	< 10	86	< 10	126
L90 BS 4117	217	229	< 1	< 0.01	< 1	470	24	2	10	31	< 0.01	< 10	< 10	106	< 10	88
L90 BS 4118	217	229	1	0.01	5	810	20	< 2	17	40	< 0.01	< 10	< 10	182	10	336
L90 BS 4119	217	229	1	< 0.01	4	810	14	< 2	12	56	< 0.01	< 10	< 10	131	10	198
L90 BS 4120	217	229	< 1	0.01	5	510	10	6	17	31	0.03	< 10	< 10	303	< 10	202
L90 BS 4121	217	229	< 1	0.01	7	260	8	< 2	18	29	0.03	< 10	< 10	307	10	150
L90 BS 4122	217	229	1	0.01	7	350	18	2	15	29	0.01	< 10	< 10	233	< 10	156
L90 BS 4123	217	229	< 1	< 0.01	6	280	6	< 2	6	29	0.02	< 10	< 10	120	< 10	80
L90 BS 4124	217	229	< 1	0.01	4	240	6	< 2	7	22	< 0.01	< 10	< 10	106	< 10	172
L90 BS 4125	217	229	< 1	< 0.01	5	280	2	< 2	9	21	< 0.01	< 10	< 10	138	< 10	68
L90 BS 4126	217	229	< 1	< 0.01	3	390	10	< 2	8	28	< 0.01	< 10	< 10	144	< 10	82
L90 BS 4127	217	229	< 1	< 0.01	8	500	12	< 2	14	17	0.03	< 10	< 10	148	< 10	156
L90 BS 4128	217	229	< 1	< 0.01	4	410	4	< 2	7	20	< 0.01	< 10	< 10	115	< 10	146
L90 BS 4129	217	229	< 1	0.01	7	190	2	2	14	30	0.03	< 10	< 10	163	< 10	96
L90 BS 4130	217	229	< 1	0.01	9	160	4	< 2	16	39	0.08	< 10	< 10	192	< 10	106
L90 BS 4131	217	229	< 1	< 0.01	6	420	12	< 2	6	61	0.02	< 10	< 10	100	< 10	52
L90 BS 4132	217	229	< 1	0.01	6	220	8	< 2	7	31	0.01	< 10	< 10	79	< 10	58
L90 BS 4133	217	229	< 1	< 0.01	10	190	6	< 2	6	23	< 0.01	< 10	< 10	51	< 10	30
L90 BS 4134	217	229	1	< 0.01	11	150	8	< 2	7	15	< 0.01	< 10	< 10	64	< 10	30
L90 BS 4135	217	229	1	< 0.01	17	180	8	< 2	8	15	< 0.01	< 10	< 10	63	< 10	36
L90 BS 4136	217	229	6	0.01	59	320	24	< 2	18	8	< 0.01	< 10	< 10	230	10	82
L90 BS 4137	217	229	1	0.01	15	140	6	< 2	6	73	< 0.01	< 10	< 10	76	10	28
L91 BS 4138	217	229	< 1	0.01	8	1110	8	6	13	23	0.01	< 10	< 10	144	10	118
L91 BS 4139	217	229	< 1	0.01	9	350	8	< 2	14	66	0.07	< 10	< 10	166	< 10	102

CERTIFICATION: Hart Bichler

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1360 POST OAK BLVD., SUITE 203
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Project : 2115
Comments: ATTN: P. PYLE CC: B. LAIRD

Page Number :3-A
Total Pages :3
Certificate Date: 09-SEP-94
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CERTIFICATE OF ANALYSIS A9424298

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L91 BS 4140	217	229	< 5	< 0.2	1.95	6	250	< 0.5	< 2	0.20	< 0.5	22	51	65	5.03	< 10	< 1	0.02	< 10	0.27	1165
L91 BS 4141	217	229	< 5	< 0.2	2.94	12	490	< 0.5	< 2	0.41	< 0.5	11	18	115	3.59	< 10	< 1	0.02	< 10	0.55	465
L91 BS 4142	217	229	15	0.6	3.65	14	180	< 0.5	2	0.24	< 0.5	28	27	870	6.55	< 10	< 1	0.05	< 10	1.07	1765
L91 BS 4143	217	229	< 5	< 0.2	1.59	2	140	< 0.5	< 2	0.32	< 0.5	14	29	46	4.22	< 10	< 1	0.06	< 10	0.36	785
L91 BS 4144	217	229	< 5	< 0.2	3.78	6	250	< 0.5	2	0.18	< 0.5	34	31	116	6.64	< 10	< 1	0.40	< 10	1.76	1915
L114 BS 4145	217	229	15	< 0.2	2.72	6	130	< 0.5	< 2	1.91	< 0.5	20	17	17	5.02	< 10	< 1	0.07	< 10	1.55	1750
L114 BS 4146	217	229	< 5	< 0.2	2.92	4	100	< 0.5	< 2	0.52	< 0.5	23	23	21	5.64	< 10	< 1	0.10	< 10	1.67	1850
L114 BS 4147	217	229	< 5	< 0.2	1.94	2	160	< 0.5	< 2	0.61	< 0.5	9	15	49	4.41	< 10	< 1	0.13	< 10	0.91	1220
L114 BS 4148	217	229	< 5	< 0.2	1.54	< 2	150	< 0.5	< 2	0.42	< 0.5	8	19	32	4.25	< 10	< 1	0.09	< 10	0.61	1060
L114 BS 4149	217	229	20	< 0.2	1.48	8	180	< 0.5	< 2	0.39	< 0.5	10	23	76	4.12	< 10	< 1	0.15	< 10	0.60	1095
L114 BS 4150	217	229	< 5	< 0.2	2.15	< 2	190	< 0.5	< 2	0.41	< 0.5	21	21	19	4.95	< 10	< 1	0.09	< 10	0.88	1430
L114 BS 4151	217	229	< 5	< 0.2	2.00	2	150	< 0.5	< 2	0.43	< 0.5	16	20	61	5.54	< 10	< 1	0.07	< 10	0.73	1200
L114 BS 4152	217	229	< 5	< 0.2	2.58	4	130	< 0.5	< 2	0.44	< 0.5	17	13	50	5.33	< 10	< 1	0.06	< 10	0.79	1295
L114 BS 4153	217	229	< 5	< 0.2	2.87	< 2	120	< 0.5	< 2	0.68	< 0.5	18	10	39	5.63	< 10	< 1	0.08	< 10	0.94	1525
L114 BS 4154	217	229	< 5	< 0.2	3.14	< 2	100	< 0.5	< 2	0.47	< 0.5	18	12	31	5.24	< 10	< 1	0.04	< 10	0.66	1255

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L91 BS 4140	217	229	< 1	< 0.01	6	320	4	< 2	7	17	0.08	< 10	< 10	161	< 10	56
L91 BS 4141	217	229	< 1	0.03	8	340	6	< 2	13	40	0.06	< 10	< 10	147	< 10	106
L91 BS 4142	217	229	< 1	0.01	12	440	2	2	14	27	0.02	< 10	< 10	179	10	138
L91 BS 4143	217	229	1	0.01	5	290	8	< 2	7	21	0.02	< 10	< 10	109	< 10	74
L91 BS 4144	217	229	< 1	0.01	14	390	< 2	< 2	22	27	0.07	< 10	< 10	171	< 10	86
L114 BS 4145	217	229	< 1	0.01	8	450	8	< 2	11	33	0.02	< 10	< 10	126	< 10	170
L114 BS 4146	217	229	1	0.01	9	640	< 2	< 2	11	25	0.04	< 10	< 10	127	< 10	190
L114 BS 4147	217	229	< 1	0.02	2	1240	6	< 2	4	28	0.04	< 10	< 10	55	< 10	108
L114 BS 4148	217	229	< 1	0.01	2	600	6	< 2	3	29	0.06	< 10	< 10	57	< 10	74
L114 BS 4149	217	229	< 1	0.01	2	770	8	< 2	5	21	0.02	< 10	< 10	65	< 10	78
L114 BS 4150	217	229	< 1	0.01	7	330	6	< 2	10	39	0.08	< 10	< 10	123	< 10	106
L114 BS 4151	217	229	< 1	0.01	5	370	8	< 2	9	37	0.09	< 10	< 10	129	< 10	94
L114 BS 4152	217	229	< 1	0.01	4	350	6	< 2	11	41	0.09	< 10	< 10	131	< 10	110
L114 BS 4153	217	229	< 1	0.02	3	520	8	< 2	11	45	0.13	< 10	< 10	143	10	120
L114 BS 4154	217	229	< 1	0.02	4	260	2	< 2	9	55	0.11	< 10	< 10	139	< 10	76

CERTIFICATION: Ian Brown