



ALS Chemex

Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: CARTER, N. C.
 1410 WENDE RD.
 VICTORIA, BC
 V8P 3T5

830648

A0123380

Comments: ATTN: N.C. CARTER

Tillicum 8ZF/13

CERTIFICATE

A0123380

(OUO) - CARTER, N. C.

Project:
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 05-SEP-2001.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
SCR-42	61	-180 micron screen - Save Minus
SCR-01	61	Screen - Save Plus Charge
LOG-22	61	Samples received without barcode
229	61	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

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
WEI-21	61	Weight of received sample	BALANCE	0.01	1000.0
Au-AA23	61	Au-AA23 : Au ppb: Fuse 30 grams	FA-AAS	5	10000
Ag-ICP41	61	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
Al-ICP41	61	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
As-ICP41	61	As ppm: 32 element, soil & rock	ICP-AES	2	10000
B-ICP41	61	B ppm: 32 element, rock & soil	ICP-AES	10	10000
Ba-ICP41	61	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
Be-ICP41	61	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
Bi-ICP41	61	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
Ca-ICP41	61	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
Cd-ICP41	61	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
Co-ICP41	61	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
Cr-ICP41	61	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
Cu-ICP41	61	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
Fe-ICP41	61	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
Ga-ICP41	61	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
Hg-ICP41	61	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
K-ICP41	61	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
La-ICP41	61	La ppm: 32 element, soil & rock	ICP-AES	10	10000
Mg-ICP41	61	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
Mn-ICP41	61	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
Mo-ICP41	61	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
Na-ICP41	61	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
Ni-ICP41	61	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
P-ICP41	61	P ppm: 32 element, soil & rock	ICP-AES	10	10000
Pb-ICP41	61	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
S-ICP41	61	S %: 32 element, rock & soil	ICP-AES	0.01	10.00
Sb-ICP41	61	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
Sc-ICP41	61	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
Sr-ICP41	61	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
Ti-ICP41	61	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
Tl-ICP41	61	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
U-ICP41	61	U ppm: 32 element, soil & rock	ICP-AES	10	10000
V-ICP41	61	V ppm: 32 element, soil & rock	ICP-AES	1	10000
W-ICP41	61	W ppm: 32 element, soil & rock	ICP-AES	10	10000
Zn-ICP41	61	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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 Account :OUO

Project :
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CERTIFICATE OF ANALYSIS	A0123380
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SAMPLE	PREP CODE	Weight Au		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
		ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
JULY31-01-0+00	94069407	0.48	80	0.4	3.55	18	< 10	120	1.0	< 2	0.14	< 0.5	9	41	110	5.45	< 10	< 1	0.57	< 10
JULY31-01-0+20W	94069407	0.32	65	0.6	3.69	22	< 10	100	1.0	< 2	0.09	< 0.5	5	51	68	4.29	< 10	< 1	0.49	< 10
JULY31-01-0+40W	94069407	0.30	95	0.4	3.35	8	< 10	120	1.0	< 2	0.07	< 0.5	4	56	60	4.43	< 10	< 1	0.63	< 10
JULY31-01-0+60W	94069407	0.30	260	1.0	3.74	26	< 10	90	1.0	< 2	0.14	< 0.5	9	52	96	4.64	< 10	< 1	0.56	< 10
JULY31-01-0+80W	94069407	0.26	85	0.8	3.45	18	< 10	100	1.0	< 2	0.09	< 0.5	4	54	62	4.30	< 10	< 1	0.67	< 10
JULY31-01-1+00W	94069407	0.26	275	2.0	3.57	54	< 10	80	1.0	< 2	0.07	< 0.5	4	62	72	4.25	< 10	< 1	0.94	< 10
JULY31-01-1+20W	94069407	0.26	295	3.0	3.08	32	< 10	60	1.0	2	0.16	0.5	4	46	78	4.34	< 10	< 1	0.53	< 10
JULY31-01-1+40W	94069407	0.34	40	1.4	3.32	14	< 10	70	1.0	< 2	0.11	< 0.5	5	45	81	4.62	< 10	< 1	0.37	< 10
JULY31-01-1+60W	94069407	0.28	20	0.6	3.59	10	< 10	60	1.0	< 2	0.09	< 0.5	6	40	76	5.39	< 10	< 1	0.36	< 10
JULY31-01-1+80W	94069407	0.28	15	0.4	4.96	28	< 10	70	1.5	< 2	0.24	< 0.5	9	29	57	4.44	10	< 1	0.08	< 10
JULY31-01-2+00W	94069407	0.24	15	0.2	4.29	44	< 10	60	1.0	< 2	0.15	< 0.5	12	35	93	4.72	< 10	< 1	0.09	< 10
JULY31-01-0+10E	94069407	0.42	80	1.0	2.90	10	< 10	80	0.5	< 2	0.05	< 0.5	3	32	96	4.79	< 10	< 1	0.46	< 10
JULY31-01-0+30E	94069407	0.40	80	0.4	3.61	28	< 10	80	1.0	< 2	0.11	0.5	11	47	183	5.24	< 10	< 1	0.51	< 10
JULY31-01-0+40E	94069407	0.28	65	0.6	3.51	28	< 10	80	1.0	< 2	0.14	1.5	52	51	154	4.72	< 10	< 1	0.53	< 10
JULY31-01-0+60E	94069407	0.34	120	< 0.2	2.80	42	< 10	50	0.5	< 2	0.06	< 0.5	0	24	183	5.07	< 10	< 1	0.42	< 10
JULY31-01-50E	94069407	0.18	180	1.6	2.14	10	< 10	50	0.5	< 2	0.10	2.0	7	32	47	3.48	< 10	< 1	0.24	< 10
JULY31-01-60E	94069407	0.14	20	1.8	2.75	8	< 10	40	0.5	4	0.16	2.0	74	25	160	2.97	< 10	< 1	0.18	< 10
JULY31-01-70E	94069407	0.12	20	1.2	2.78	8	< 10	50	0.5	< 2	0.23	3.5	97	24	171	3.03	< 10	< 1	0.23	< 10
JULY31-01-80E	94069407	0.18	35	0.6	2.15	6	< 10	100	0.5	< 2	0.07	0.5	4	42	47	4.94	< 10	< 1	0.26	< 10
JULY31-01-90E	94069407	0.12	30	0.8	2.73	10	< 10	80	0.5	< 2	0.12	< 0.5	3	58	40	3.90	< 10	< 1	0.58	< 10
JULY31-01-100E	94069407	0.14	20	0.2	2.54	16	< 10	50	0.5	< 2	0.11	< 0.5	0	27	68	3.09	< 10	< 1	0.19	< 10
JULY31-01-110E	94069407	0.16	20	0.6	2.26	8	< 10	60	0.5	< 2	0.13	< 0.5	16	39	57	4.58	< 10	< 1	0.28	< 10
JULY31-01-120E	94069407	0.16	15	0.2	1.52	8	< 10	40	0.5	2	0.14	< 0.5	8	19	35	2.95	< 10	< 1	0.19	< 10
JULY31-01-130E	94069407	0.16	< 5	0.8	2.83	8	< 10	80	0.5	< 2	0.13	0.5	20	33	50	3.66	< 10	< 1	0.39	< 10
AUG3-01-0+00W	94069407	0.22	20	0.8	3.20	6	< 10	60	1.0	< 2	0.11	< 0.5	17	64	73	4.49	< 10	< 1	0.10	< 10
AUG3-01-0+50W	94069407	0.20	< 5	0.6	2.51	2	< 10	60	0.5	< 2	0.08	< 0.5	13	36	59	3.80	< 10	< 1	0.05	< 10
AUG3-01-1+00W	94069407	0.18	< 5	0.6	3.03	< 2	< 10	70	0.5	< 2	0.07	< 0.5	9	10	36	3.24	< 10	< 1	0.12	< 10
AUG3-01-1+50W	94069407	0.24	< 5	0.6	3.62	2	< 10	50	0.5	< 2	0.10	< 0.5	4	16	14	2.48	< 10	< 1	0.10	< 10
AUG3-01-2+00W	94069407	0.24	< 5	0.6	2.40	4	< 10	40	0.5	< 2	0.05	< 0.5	4	18	14	3.62	10	< 1	0.06	< 10
AUG3-01-2+50W	94069407	0.16	< 5	0.2	3.70	2	< 10	20	0.5	< 2	0.02	< 0.5	2	10	5	2.44	10	< 1	0.01	< 10
AUG3-01-3+00W	94069407	0.24	< 5	0.2	3.06	< 2	< 10	70	0.5	< 2	0.17	< 0.5	5	14	12	3.00	10	< 1	0.18	10
AUG3-01-3+50W	94069407	0.26	< 5	0.4	4.24	2	< 10	30	0.5	< 2	0.09	< 0.5	1	8	7	2.31	10	< 1	0.08	< 10
AUG3-01-4+00W	94069407	0.26	< 5	0.2	4.16	2	< 10	140	0.5	2	0.33	< 0.5	5	30	11	3.13	10	< 1	0.06	10
AUG3-01-4+50W	94069407	0.22	< 5	0.4	1.75	< 2	< 10	40	< 0.5	< 2	0.05	< 0.5	3	7	7	2.20	10	< 1	0.05	< 10
AUG3-01-5+00W	94069407	0.22	< 5	0.6	3.84	< 2	< 10	40	0.5	< 2	0.06	< 0.5	3	14	9	3.57	10	< 1	0.05	< 10
AUG3-01-5+50W	94069407	0.20	< 5	0.4	2.71	< 2	< 10	70	0.5	< 2	0.16	< 0.5	5	45	10	2.65	10	< 1	0.05	< 10
AUG3-01-6+00W	94069407	0.22	< 5	1.4	5.42	< 2	< 10	40	1.0	< 2	0.04	< 0.5	3	8	9	1.84	< 10	< 1	0.03	< 10
AUG3-01-6+50W	94069407	0.22	< 5	0.2	3.85	2	< 10	40	1.0	< 2	0.05	< 0.5	3	12	7	3.20	10	< 1	0.09	< 10
AUG3-01-7+00W	94069407	0.16	< 5	0.6	6.06	< 2	< 10	30	1.0	< 2	0.03	< 0.5	2	11	7	2.20	10	< 1	0.03	< 10
AUG3-01-7+50W	94069407	0.22	< 5	0.2	3.53	4	< 10	80	1.0	< 2	0.06	< 0.5	4	32	8	3.56	10	< 1	0.08	< 10

CERTIFICATION: _____



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CERTIFICATE OF ANALYSIS	A0123380
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SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
JULY31-01-0+00	94069407	1.21	475	5	0.01	15	950	100	0.13	< 2	8	46	0.14	< 10	< 10	156	20	140
JULY31-01-0+20W	94069407	1.06	355	6	0.01	10	790	280	0.16	< 2	8	42	0.13	< 10	< 10	184	< 10	118
JULY31-01-0+40W	94069407	1.20	390	9	0.01	9	770	160	0.18	< 2	10	44	0.14	< 10	< 10	225	< 10	100
JULY31-01-0+60W	94069407	1.14	460	7	0.01	15	910	302	0.17	< 2	9	54	0.13	< 10	< 10	184	< 10	154
JULY31-01-0+80W	94069407	1.22	470	9	0.01	9	690	372	0.19	< 2	10	43	0.15	< 10	< 10	219	< 10	156
JULY31-01-1+00W	94069407	1.51	575	8	0.01	6	630	684	0.21	2	12	38	0.17	< 10	< 10	233	< 10	180
JULY31-01-1+20W	94069407	1.03	395	8	0.01	9	820	866	0.24	< 2	9	73	0.12	< 10	< 10	182	< 10	256
JULY31-01-1+40W	94069407	0.98	370	7	< 0.01	12	890	190	0.17	< 2	7	50	0.11	< 10	< 10	161	< 10	122
JULY31-01-1+60W	94069407	1.18	435	2	< 0.01	11	930	68	0.15	< 2	9	92	0.16	< 10	< 10	178	< 10	100
JULY31-01-1+80W	94069407	0.73	445	5	< 0.01	13	1230	64	0.06	< 2	5	38	0.06	< 10	< 10	103	< 10	128
JULY31-01-2+00W	94069407	0.89	545	5	< 0.01	20	1120	36	0.05	< 2	4	29	0.09	< 10	< 10	116	< 10	154
JULY31-01-0+10E	94069407	0.84	355	4	< 0.01	6	1120	52	0.16	< 2	6	30	0.11	< 10	< 10	131	10	80
JULY31-01-0+30E	94069407	1.11	495	6	0.01	15	780	104	0.12	< 2	7	30	0.13	< 10	< 10	161	< 10	196
JULY31-01-0+40E	94069407	1.10	990	7	0.01	12	780	72	0.12	< 2	7	30	0.13	< 10	< 10	189	< 10	206
JULY31-01-0+60E	94069407	0.58	225	8	< 0.01	5	1060	24	0.25	< 2	4	29	0.10	< 10	< 10	87	10	116
JULY31-01-50E	94069407	0.59	475	4	< 0.01	8	420	56	0.06	< 2	3	17	0.13	< 10	< 10	137	< 10	106
JULY31-01-60E	94069407	0.54	1130	8	< 0.01	13	690	62	0.08	< 2	1	16	0.06	< 10	< 10	91	< 10	200
JULY31-01-70E	94069407	0.58	1320	9	< 0.01	24	890	74	0.10	< 2	1	19	0.05	< 10	< 10	86	< 10	246
JULY31-01-80E	94069407	0.87	360	8	0.01	6	520	78	0.10	< 2	6	25	0.14	< 10	< 10	176	< 10	100
JULY31-01-90E	94069407	1.06	375	7	< 0.01	5	640	104	0.09	< 2	8	23	0.13	< 10	< 10	238	< 10	82
JULY31-01-100E	94069407	0.63	310	6	< 0.01	10	860	38	0.05	2	2	15	0.09	< 10	< 10	98	10	98
JULY31-01-110E	94069407	1.03	405	7	< 0.01	16	830	12	0.06	< 2	2	14	0.11	< 10	< 10	115	< 10	80
JULY31-01-120E	94069407	0.52	260	13	< 0.01	8	850	12	0.08	< 2	< 1	17	0.06	< 10	< 10	77	< 10	80
JULY31-01-130E	94069407	0.79	445	7	< 0.01	15	840	8	0.07	< 2	1	14	0.08	< 10	< 10	105	< 10	90
AUG3-01-0+00W	94069407	1.34	900	2	< 0.01	24	640	18	0.03	< 2	3	18	0.12	< 10	< 10	131	< 10	152
AUG3-01-0+50W	94069407	0.72	1010	3	< 0.01	17	670	26	0.03	< 2	1	13	0.10	< 10	< 10	85	< 10	116
AUG3-01-1+00W	94069407	0.73	240	< 1	< 0.01	8	630	4	0.03	< 2	1	11	0.12	< 10	< 10	88	< 10	58
AUG3-01-1+50W	94069407	0.38	325	2	< 0.01	9	730	8	0.04	< 2	1	67	0.07	< 10	< 10	42	< 10	74
AUG3-01-2+00W	94069407	0.32	230	2	< 0.01	9	830	8	0.04	< 2	< 1	23	0.06	< 10	< 10	51	< 10	76
AUG3-01-2+50W	94069407	0.13	70	2	< 0.01	5	510	6	0.04	< 2	1	13	0.08	< 10	< 10	40	< 10	28
AUG3-01-3+00W	94069407	0.48	345	3	< 0.01	9	960	8	0.03	< 2	1	52	0.09	< 10	< 10	53	< 10	98
AUG3-01-3+50W	94069407	0.18	205	3	< 0.01	4	1420	4	0.04	< 2	1	27	0.07	< 10	< 10	30	< 10	58
AUG3-01-4+00W	94069407	0.43	230	3	0.01	17	1390	2	0.04	< 2	2	182	0.07	< 10	< 10	47	< 10	70
AUG3-01-4+50W	94069407	0.14	125	< 1	< 0.01	5	570	6	0.01	< 2	< 1	26	0.04	< 10	< 10	37	< 10	38
AUG3-01-3+00W	94069407	0.25	235	3	< 0.01	7	1600	8	0.04	< 2	1	37	0.09	< 10	< 10	50	< 10	64
AUG3-01-5+50W	94069407	0.48	270	2	0.01	20	760	8	0.02	6	1	60	0.09	< 10	< 10	51	< 10	56
AUG3-01-6+00W	94069407	0.13	160	4	< 0.01	5	1410	6	0.03	< 2	1	16	0.10	< 10	< 10	29	< 10	46
AUG3-01-6+50W	94069407	0.27	250	1	< 0.01	6	1030	8	0.02	< 2	2	22	0.13	< 10	< 10	51	< 10	70
AUG3-01-7+00W	94069407	0.11	135	5	< 0.01	4	1120	< 2	0.03	< 2	2	10	0.10	< 10	< 10	33	< 10	32
AUG3-01-7+50W	94069407	0.36	170	3	< 0.01	9	1350	8	0.02	< 2	3	46	0.16	< 10	< 10	66	< 10	50

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SAMPLE	PREP CODE	Weight Au		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
		Kg	ppb FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
AUG3-01-8+00W	94069407	0.28	< 5	0.2	4.86	2	< 10	80	1.5	< 2	0.16	< 0.5	6	22	13	4.12	10	< 1	0.16	10
AUG3-01-8+50W	94069407	0.20	< 5	0.2	7.04	< 2	< 10	40	1.5	< 2	0.04	< 0.5	4	17	9	2.85	10	< 1	0.04	< 10
AUG3-01-9+00W	94069407	0.28	< 5	< 0.2	4.41	4	< 10	60	1.5	< 2	0.12	< 0.5	12	38	20	4.44	10	< 1	0.11	10
AUG3-01-9+50W	94069407	0.24	< 5	< 0.2	4.38	4	< 10	50	1.0	< 2	0.05	< 0.5	4	17	8	3.18	10	< 1	0.06	< 10
AUG3-01-10+00W	94069407	0.26	< 5	0.2	2.09	2	< 10	60	0.5	< 2	0.05	< 0.5	3	13	6	2.57	10	< 1	0.06	< 10
AUG3-01-10+50W	94069407	0.24	< 5	< 0.2	4.80	6	< 10	40	1.5	< 2	0.12	< 0.5	8	26	12	4.02	10	< 1	0.06	< 10
AUG3-01-11+00W	94069407	0.20	15	< 0.2	3.73	4	< 10	40	1.5	< 2	0.09	< 0.5	6	14	9	2.55	10	< 1	0.07	< 10
AUG3-01-11+60W	94069407	0.22	< 5	< 0.2	4.16	4	< 10	40	1.5	< 2	0.16	< 0.5	7	20	11	3.36	10	< 1	0.14	< 10
AUG3-01-12+00W	94069407	0.26	35	< 0.2	4.23	6	< 10	60	1.5	< 2	0.23	< 0.5	9	17	18	3.00	< 10	< 1	0.11	< 10
AUG3-01-12+50W	94069407	0.32	5	< 0.2	3.61	4	< 10	60	1.5	< 2	0.20	< 0.5	10	22	22	2.95	< 10	< 1	0.14	< 10
AUG3-01-13+00W	94069407	0.24	< 5	0.2	3.05	2	< 10	40	1.0	< 2	0.09	< 0.5	5	16	10	3.10	10	< 1	0.11	< 10
AUG3-01-1350W	94069407	0.20	< 5	0.2	3.77	4	< 10	60	1.0	< 2	0.11	< 0.5	6	14	8	2.30	< 10	< 1	0.10	< 10
AUG3-01-1400W	94069407	0.18	< 5	< 0.2	4.53	2	< 10	50	1.5	< 2	0.19	< 0.5	4	12	10	2.63	10	< 1	0.15	< 10
AUG3-01-1450W	94069407	0.24	115	0.2	2.33	< 2	< 10	40	0.5	< 2	0.07	< 0.5	2	10	6	3.35	10	< 1	0.08	< 10
AUG3-01-1500W	94069407	0.26	< 5	0.2	4.84	8	< 10	90	1.5	< 2	0.31	< 0.5	3	6	8	3.83	10	< 1	0.13	10
AUG3-01-1550W	94069407	0.28	< 5	< 0.2	2.46	< 2	< 10	40	0.5	< 2	0.09	< 0.5	4	10	7	2.22	< 10	< 1	0.09	< 10
AUG3-01-1600W	94069407	0.22	35	0.2	3.47	< 2	< 10	50	1.5	< 2	0.11	< 0.5	7	22	13	2.48	< 10	< 1	0.14	< 10
AUG3-01-1550W	94069407	0.14	15	< 0.2	2.06	2	< 10	30	0.5	< 2	0.05	< 0.5	2	11	7	2.27	10	< 1	0.07	< 10
AUG3-01-1700W	94069407	0.12	< 5	0.2	4.09	< 2	< 10	20	0.5	< 2	0.03	< 0.5	1	7	9	1.72	10	< 1	0.02	< 10
AUG3-01-1750W	94069407	0.14	< 5	< 0.2	3.85	4	< 10	30	1.0	< 2	0.04	< 0.5	2	10	7	2.12	10	< 1	0.04	< 10
AUG3-01-1800W	94069407	0.24	< 5	< 0.2	3.27	6	< 10	20	1.0	< 2	0.05	< 0.5	3	10	6	3.09	10	< 1	0.05	< 10

CERTIFICATION: _____



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CERTIFICATE OF ANALYSIS

A0123380

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AUG3-01-8+00W	94069407	0.61	395	1 < 0.01	13	1520	10	0.03	< 2	3	42	0.12	< 10	< 10	62	< 10	166	
AUG3-01-8+50W	94069407	0.24	215	1 < 0.01	8	1370	< 2	0.04	< 2	3	15	0.13	< 10	< 10	42	< 10	90	
AUG3-01-9+00W	94069407	1.15	465	1 < 0.01	50	1200	6	0.01	< 2	4	22	0.11	< 10	< 10	77	< 10	156	
AUG3-01-9+50W	94069407	0.37	230	< 1 < 0.01	12	1240	8	0.02	< 2	2	11	0.12	< 10	< 10	51	< 10	108	
AUG3-01-10+00W	94069407	0.28	200	1 < 0.01	8	740	8	0.01	< 2	1	9	0.08	< 10	< 10	46	< 10	66	
AUG3-01-10+50W	94069407	0.88	305	< 1 < 0.01	12	1780	10	0.02	< 2	4	35	0.19	< 10	< 10	85	< 10	96	
AUG3-01-11+00W	94069407	0.56	210	< 1 < 0.01	8	1220	18	0.01	< 2	1	28	0.15	< 10	< 10	54	< 10	66	
AUG3-01-11+60W	94069407	0.92	340	< 1 < 0.01	9	900	6	0.02	< 2	3	44	0.19	< 10	< 10	79	< 10	74	
AUG3-01-12+00W	94069407	0.88	375	< 1 < 0.01	11	590	14	0.01	< 2	2	73	0.15	< 10	< 10	62	< 10	82	
AUG3-01-12+50W	94069407	1.09	435	< 1 < 0.01	13	470	10	0.01	< 2	3	73	0.16	< 10	< 10	69	< 10	90	
AUG3-01-18+60W	94069407	0.59	270	< 1 < 0.01	8	350	6	0.03	< 2	1	38	0.15	< 10	< 10	63	< 10	60	
AUG3-01-1350W	94069407	0.52	235	< 1 < 0.01	8	470	6	0.03	< 2	1	64	0.12	< 10	< 10	43	< 10	58	
AUG3-01-1400W	94069407	0.43	235	< 1 < 0.01	9	740	10	0.01	< 2	2	47	0.12	< 10	< 10	43	< 10	86	
AUG3-01-1450W	94069407	0.26	160	1 < 0.01	5	730	22	0.01	< 2	1	60	0.14	< 10	< 10	57	< 10	70	
AUG3-01-1506W	94069407	0.28	210	< 1 < 0.01	6	900	6	0.03	< 2	2	78	0.10	< 10	< 10	28	< 10	66	
AUG3-01-1550W	94069407	0.37	180	< 1 < 0.01	5	1080	6	0.02	< 2	1	28	0.11	< 10	< 10	44	< 10	58	
AUG3-01-1600W	94069407	0.64	290	< 1 < 0.01	7	1310	8	0.01	< 2	3	33	0.11	< 10	< 10	55	< 10	68	
AUG3-01-1650W	94069407	0.38	175	< 1 < 0.01	4	620	8	0.01	< 2	1	21	0.11	< 10	< 10	46	< 10	46	
AUG3-01-1700W	94069407	0.10	80	< 1 < 0.01	3	830	2	0.04	< 2	1	9	0.12	< 10	< 10	29	< 10	24	
AUG3-01-1750W	94069407	0.23	140	< 1 < 0.01	4	710	8	0.02	< 2	1	16	0.15	< 10	< 10	37	< 10	40	
AUG3-01-1806W	94069407	0.27	535	< 1 < 0.01	4	690	6	0.03	< 2	1	17	0.18	< 10	< 10	48	< 10	66	

CERTIFICATION: _____

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