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To: COUREUR DES BOIS  
3 RYDER PLACE  
WHITEHORSE YT Y1A 5T5

Page: 1  
Total # Pages: 7 (A - D)  
Plus Appendix Pages  
Finalized Date: 25-AUG-2015  
Account: COUDES

**CERTIFICATE WH15117825**

Project: CH15-SOILS

P.O. No.: CDB-2015-2

This report is for 238 Soil samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2015.

The following have access to data associated with this certificate:

DANIELE HEON

D. JACOB

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ST43	Super Trace Au - 25g AR	ICP-MS
ME-MS41L	Super Trace AR by ICP-MS	

To: COUREUR DES BOIS  
ATTN: DANIELE HEON  
3 RYDER PLACE  
WHITEHORSE YT Y1A 5T5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ST43 Au ppm	ME-MS41L Au ppm	ME-MS41L Ag ppm	ME-MS41L Al %	ME-MS41L As ppm	ME-MS41L B ppm	ME-MS41L Ba ppm	ME-MS41L Be ppm	ME-MS41L Bi ppm	ME-MS41L Ca %	ME-MS41L Cd ppm	ME-MS41L Ce ppm	ME-MS41L Co ppm	ME-MS41L Cr ppm
		0.02	0.0001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01
L243		0.74	0.0009	0.0022	0.032	2.94	1.88	<10	434	0.55	0.030	0.59	0.076	8.68	32.6	121.5
L244		0.67	0.0059	0.0050	0.158	3.05	3.98	<10	489	0.74	0.166	1.20	0.130	17.10	31.0	522
L245		0.61	0.0051	0.0052	0.219	2.31	2.81	<10	439	0.59	0.277	0.91	0.212	43.0	23.3	237
L246		0.63	0.0097	0.0085	0.177	3.52	3.35	<10	497	0.71	0.433	0.72	0.449	45.4	18.00	24.4
L247		0.58	0.0092	0.0088	0.187	3.45	3.17	<10	521	0.73	1.115	0.83	0.525	41.5	17.35	22.6
L248		0.41	0.0289	0.0192	3.74	1.76	6.36	<10	323	0.29	1.200	1.72	2.21	24.8	13.50	37.7
L249		0.43	0.0241	0.0140	2.50	1.76	6.83	<10	318	0.27	0.769	1.64	2.43	24.3	13.80	36.0
L250		0.41	0.0127	0.0080	1.390	1.71	5.96	<10	303	0.29	0.480	1.58	2.19	21.4	13.65	36.9
L251		0.45	0.0021	0.0021	0.049	3.29	3.60	<10	229	0.59	0.074	0.71	0.057	16.85	27.1	133.0
L252		0.54	0.0056	0.0035	0.189	2.27	4.68	<10	322	0.42	0.112	1.00	0.147	21.6	18.10	51.7
L253		0.40	0.0058	0.0056	0.353	2.19	2.51	<10	750	0.45	0.099	1.45	0.178	34.2	14.80	60.6
L254		0.51	0.0015	0.0013	0.083	3.16	3.78	<10	296	0.31	0.076	0.34	0.060	52.7	15.80	15.45
L255		0.50	0.0018	0.0120	0.052	1.95	4.38	<10	254	0.25	0.126	0.19	0.067	22.2	12.85	40.5
L256		0.51	0.0023	0.0017	0.289	2.69	3.22	<10	348	0.47	0.084	0.76	0.114	6.86	32.0	133.0
L257		0.42	0.0015	0.0014	0.132	2.68	0.92	<10	466	0.29	0.052	0.45	0.104	11.10	26.8	102.0
L258		0.56	0.0017	0.0018	0.052	1.82	5.78	<10	728	0.65	0.288	0.25	0.309	35.5	21.7	44.2
L259		0.46	0.0011	0.0013	0.091	1.89	11.25	<10	139.5	0.33	0.344	0.09	0.207	40.5	17.30	65.7
L260		0.44	0.0020	0.0020	0.072	2.31	6.81	<10	221	0.45	0.466	0.14	0.174	49.4	14.45	44.9
261		0.50	0.0039	0.0033	2.92	1.35	5.64	<10	292	0.36	9.66	0.29	0.184	20.4	6.52	24.7
262		0.44	0.0026	0.0570	3.43	1.41	3.94	<10	252	0.21	7.32	0.29	0.274	19.55	6.20	27.1
263		0.52	0.0074	0.0086	4.47	1.27	2.85	<10	451	0.39	11.05	0.29	0.633	43.4	4.64	17.15
264		0.57	0.0123	0.0101	1.950	1.16	4.23	<10	376	0.21	5.79	0.21	0.115	27.4	5.24	22.0
265		0.47	0.0028	0.0032	4.03	2.15	4.70	<10	205	0.36	9.68	0.50	0.428	36.1	13.35	43.6
266		0.41	0.0033	0.0017	0.649	2.24	2.81	<10	311	0.30	3.80	0.81	0.295	26.6	11.40	35.9
267		0.58	0.0026	0.0028	0.152	2.13	5.47	<10	356	0.37	0.163	0.81	0.172	25.8	13.70	88.2
268		0.55	0.0030	0.0028	0.155	2.19	4.78	<10	365	0.39	0.178	0.58	0.146	29.9	12.55	86.6
269		0.61	0.0020	0.0024	0.112	1.76	5.09	<10	244	0.29	0.133	0.52	0.103	23.4	10.85	95.0
270		0.64	0.0023	0.0026	0.072	2.19	4.11	<10	250	0.32	0.127	0.44	0.051	24.4	14.05	71.4
271		0.50	0.0026	0.0026	0.132	1.73	3.80	<10	284	0.28	0.144	0.65	0.149	27.4	10.80	47.5
272		0.51	0.0018	0.0020	0.115	2.00	2.91	<10	308	0.36	0.107	0.58	0.155	12.50	18.90	94.8
273		0.67	0.0020	0.0014	0.122	1.99	2.81	<10	253	0.26	0.098	0.53	0.094	12.25	18.80	85.2
274		0.61	0.0019	0.0023	0.104	2.28	2.82	<10	548	0.54	0.058	1.75	0.229	17.85	22.4	369
275		0.70	0.0040	0.0047	0.191	1.89	7.61	<10	431	0.71	0.276	0.88	0.196	35.9	17.55	113.0
276		0.56	0.0029	0.0019	0.379	1.74	3.99	<10	330	0.29	0.171	0.83	0.172	16.40	10.50	24.8
277		0.51	0.0083	0.0045	0.242	2.49	4.39	<10	480	0.67	0.302	0.84	0.146	72.9	15.10	16.50
278		0.40	0.0062	0.0023	0.106	1.79	13.20	<10	671	0.37	0.159	0.96	0.192	37.1	17.50	9.17
279		0.41	0.0052	0.0031	0.149	1.62	10.80	<10	397	0.49	0.154	0.94	0.213	41.9	12.25	11.85
280		0.78	0.0025	0.0010	0.050	3.00	6.37	<10	142.5	0.50	0.054	0.42	0.153	14.75	24.4	113.0
281		0.58	0.0026	0.0019	0.150	2.11	5.88	<10	269	0.32	0.155	0.36	0.066	24.4	9.92	30.8
282		0.71	0.0057	0.0049	0.231	2.17	1.71	<10	492	0.21	0.322	0.73	0.157	55.3	10.35	13.15



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Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm 0.005	ppm 0.01	% 0.001	ppm 0.004	ppm 0.005	ppm 0.002	ppm 0.004	ppm 0.005	% 0.01	ppm 0.002	ppm 0.1	% 0.01	ppm 0.1	ppm 0.01	% 0.001
L243		5.70	78.5	4.10	6.67	0.098	0.020	0.007	0.007	0.68	4.22	32.7	2.84	890	0.24	0.011
L244		9.66	90.9	4.23	7.66	0.137	0.037	0.025	0.014	0.74	9.41	39.5	2.85	1050	0.28	0.021
L245		10.55	77.1	3.39	5.87	0.127	0.045	0.064	0.014	0.49	20.2	28.9	2.03	631	0.34	0.015
L246		10.60	66.7	5.15	9.29	0.143	0.050	0.050	0.024	0.67	22.6	32.7	3.51	335	0.72	0.019
L247		10.20	64.9	5.09	9.23	0.143	0.047	0.067	0.031	0.67	21.0	33.2	3.44	347	0.66	0.023
L248		1.060	131.5	2.67	4.24	0.069	0.074	10.65	0.032	0.04	13.05	13.7	1.34	517	1.47	0.016
L249		0.932	113.0	2.65	4.35	0.073	0.056	7.27	0.028	0.04	12.55	13.3	1.35	532	1.19	0.015
L250		1.010	92.3	2.56	4.17	0.063	0.046	3.71	0.021	0.04	11.70	12.4	1.33	485	0.87	0.014
L251		4.18	70.6	4.67	9.48	0.077	0.054	0.017	0.030	0.07	7.64	19.8	2.93	677	0.36	0.008
L252		1.390	71.9	3.48	6.55	0.077	0.036	0.039	0.025	0.05	11.10	16.7	1.74	360	0.28	0.015
L253		2.33	91.6	2.95	5.86	0.113	0.048	0.063	0.023	0.04	26.0	14.6	1.62	388	0.30	0.014
L254		2.33	33.2	4.12	8.49	0.089	0.050	0.009	0.019	0.06	25.0	22.9	2.89	341	0.40	0.006
L255		1.630	29.7	2.78	6.62	0.054	0.029	0.013	0.012	0.05	14.00	15.3	1.19	282	0.91	0.009
L256		2.67	81.6	3.93	6.88	0.051	0.029	0.012	0.014	0.07	3.00	20.6	2.19	633	0.38	0.013
L257		2.79	75.6	4.05	6.11	0.045	0.021	0.016	0.007	0.10	4.31	16.9	1.72	459	0.35	0.013
L258		2.58	69.2	4.74	4.12	0.074	0.076	0.017	0.034	0.05	18.10	8.2	0.61	680	5.98	0.013
L259		1.485	58.4	4.41	5.76	0.075	0.087	0.030	0.024	0.03	19.70	9.5	0.79	522	6.06	0.011
L260		1.595	99.1	4.43	7.26	0.080	0.053	0.027	0.028	0.04	23.7	13.1	0.78	438	2.48	0.012
261		0.715	25.0	2.01	3.96	0.043	0.138	0.208	0.015	0.05	10.65	10.3	0.50	155.0	8.47	0.012
262		1.160	25.1	1.920	4.58	0.041	0.104	0.169	0.016	0.05	10.60	10.1	0.62	142.0	7.59	0.011
263		3.69	51.1	2.17	3.97	0.071	0.126	0.214	0.019	0.07	25.0	13.5	0.64	188.5	17.95	0.013
264		2.37	20.6	1.990	3.54	0.052	0.158	0.271	0.015	0.07	15.30	10.7	0.59	104.5	19.05	0.015
265		7.98	30.2	3.03	6.18	0.085	0.098	0.098	0.015	0.24	18.95	23.2	1.68	298	7.18	0.015
266		6.02	26.0	2.62	6.07	0.084	0.037	0.044	0.011	0.16	14.85	21.9	1.76	348	1.26	0.015
267		1.635	35.3	2.81	5.41	0.063	0.066	0.035	0.023	0.14	13.50	16.7	1.34	448	0.58	0.017
268		1.645	34.8	2.61	5.75	0.069	0.042	0.038	0.021	0.08	15.15	16.4	1.20	383	0.60	0.018
269		1.340	25.3	2.37	4.69	0.052	0.035	0.022	0.020	0.06	12.00	14.0	1.15	266	0.54	0.014
270		1.945	32.2	2.84	5.73	0.060	0.068	0.017	0.012	0.16	12.55	20.5	1.50	289	0.40	0.014
271		1.580	28.3	2.19	4.54	0.055	0.030	0.034	0.007	0.08	13.20	13.9	0.97	185.0	0.56	0.014
272		3.81	47.9	2.98	5.63	0.057	0.036	0.027	0.014	0.11	5.97	18.9	1.38	548	0.36	0.019
273		2.82	42.4	2.92	5.66	0.057	0.017	0.019	0.015	0.10	5.98	19.1	1.38	370	0.46	0.014
274		9.04	47.1	3.34	5.52	0.102	0.024	0.027	0.008	0.50	8.72	27.9	2.08	980	0.23	0.021
275		7.08	32.9	3.11	5.05	0.081	0.036	0.027	0.016	0.13	20.9	23.1	1.46	662	0.30	0.013
276		1.585	55.0	2.24	6.16	0.052	0.014	0.022	0.014	0.03	10.30	13.3	1.12	284	0.44	0.014
277		10.80	18.40	3.03	7.34	0.185	0.058	0.050	0.035	0.04	53.5	24.3	1.88	342	0.24	0.011
278		10.45	6.53	3.30	5.18	0.083	0.024	0.026	0.026	0.04	18.60	19.0	1.46	1890	0.43	0.009
279		11.35	16.30	2.49	4.66	0.106	0.040	0.039	0.028	0.04	32.8	15.0	1.08	559	0.26	0.011
280		2.35	69.4	3.56	7.34	0.055	0.043	0.008	0.016	0.04	6.96	15.1	2.36	470	0.36	0.007
281		1.235	32.3	2.64	6.06	0.047	0.060	0.022	0.018	0.03	11.85	11.8	1.11	233	0.50	0.012
282		2.75	41.3	2.45	6.20	0.117	0.017	0.055	0.020	0.06	35.2	15.4	1.83	325	0.47	0.009



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Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Nb ppm 0.002	Ni ppm 0.04	P % 0.001	Pb ppm 0.005	Rb ppm 0.005	Re ppm 0.001	S % 0.01	Sb ppm 0.005	Sc ppm 0.005	Se ppm 0.1	Sn ppm 0.01	Sr ppm 0.01	Ta ppm 0.005	Te ppm 0.01	Th ppm 0.002
L243		0.289	90.6	0.076	3.50	44.0	<0.001	0.01	0.230	4.34	0.2	0.20	13.95	<0.005	0.02	1.035
L244		0.853	114.5	0.130	7.50	58.5	<0.001	0.02	0.250	9.35	0.6	0.30	28.6	<0.005	0.05	1.025
L245		0.617	68.7	0.090	17.75	44.4	<0.001	0.04	0.292	8.52	0.8	0.27	21.2	<0.005	0.02	3.63
L246		0.453	18.20	0.121	9.49	77.5	<0.001	0.20	0.222	9.35	1.7	0.38	32.7	<0.005	0.05	3.66
L247		0.523	17.05	0.128	10.30	75.2	<0.001	0.25	0.231	9.44	2.2	0.33	34.9	<0.005	0.06	3.35
L248		0.557	27.6	0.083	1570	11.40	0.001	0.11	5.27	4.05	2.0	0.25	37.6	<0.005	0.30	1.660
L249		0.522	26.1	0.081	1035	10.90	<0.001	0.10	5.95	4.07	1.6	0.24	36.2	<0.005	0.23	1.630
L250		0.491	27.3	0.085	585	10.40	<0.001	0.09	4.51	3.87	1.3	0.22	35.2	<0.005	0.14	1.370
L251		0.216	88.1	0.051	11.20	17.10	<0.001	0.01	0.367	10.75	0.4	0.40	19.35	<0.005	0.01	1.060
L252		0.522	29.2	0.079	7.92	12.10	<0.001	0.03	0.452	8.45	0.7	0.28	33.3	<0.005	0.02	1.155
L253		0.395	27.9	0.100	7.55	12.45	<0.001	0.07	0.375	8.43	1.3	0.26	43.8	<0.005	0.02	1.070
L254		0.284	12.35	0.090	6.09	12.90	<0.001	0.01	0.273	4.85	0.5	0.29	11.30	<0.005	0.03	4.59
L255		0.829	31.8	0.024	8.21	11.05	<0.001	0.01	0.302	3.33	0.4	0.40	15.00	<0.005	0.07	3.56
L256		0.706	79.6	0.039	5.97	18.10	<0.001	0.02	0.248	3.44	0.3	0.25	23.7	<0.005	0.04	0.593
L257		0.247	64.5	0.022	4.84	14.60	<0.001	0.02	0.216	5.43	0.4	0.19	18.80	<0.005	<0.01	0.557
L258		0.289	66.5	0.023	37.6	9.44	<0.001	0.01	0.340	9.90	1.3	0.35	14.30	<0.005	0.03	4.51
L259		0.378	86.3	0.030	11.25	8.07	<0.001	0.01	0.272	8.61	2.0	0.34	9.90	<0.005	0.08	6.05
L260		0.692	56.7	0.033	20.1	9.84	<0.001	0.02	0.286	6.61	1.2	0.41	15.95	<0.005	0.08	4.97
261		1.075	16.30	0.014	263	7.16	<0.001	0.01	0.427	2.60	0.6	0.41	15.90	<0.005	0.11	4.81
262		1.150	19.50	0.029	166.0	10.40	<0.001	0.02	0.299	2.54	0.5	0.43	16.30	<0.005	0.07	4.21
263		1.130	13.40	0.028	309	19.55	0.001	0.03	0.699	2.76	1.2	0.47	17.00	<0.005	0.08	15.80
264		1.055	15.50	0.022	210	12.90	0.001	0.07	1.220	2.17	1.9	0.33	17.00	<0.005	0.10	8.84
265		1.090	29.3	0.048	219	46.8	<0.001	0.01	0.477	4.79	0.5	0.42	20.3	<0.005	0.06	7.11
266		0.951	22.0	0.054	49.3	39.3	<0.001	0.03	0.280	4.63	0.5	0.43	27.4	<0.005	0.03	3.82
267		0.866	40.2	0.082	12.50	17.05	<0.001	0.03	0.404	4.61	0.6	0.36	30.9	<0.005	0.04	2.87
268		0.955	36.2	0.057	14.15	14.15	<0.001	0.02	0.352	4.83	0.6	0.41	28.0	<0.005	0.03	3.20
269		0.745	32.1	0.084	11.50	10.05	<0.001	0.01	0.292	3.92	0.3	0.34	24.1	<0.005	0.03	3.13
270		0.861	37.1	0.056	9.87	18.30	<0.001	0.01	0.252	3.99	0.4	0.38	22.6	<0.005	0.02	3.29
271		0.769	27.5	0.065	18.35	13.60	<0.001	0.03	0.272	3.93	0.4	0.27	25.3	<0.005	0.03	2.46
272		0.774	49.5	0.059	5.44	15.30	<0.001	0.02	0.259	4.69	0.4	0.36	23.8	<0.005	0.02	1.090
273		0.726	49.3	0.048	5.09	16.05	<0.001	0.01	0.247	4.12	0.3	0.36	21.9	<0.005	0.04	0.905
274		0.802	89.4	0.120	5.71	28.0	<0.001	0.05	0.289	5.70	0.4	0.22	34.1	<0.005	<0.01	0.766
275		0.571	44.9	0.110	11.00	21.8	<0.001	0.02	0.320	6.93	0.6	0.28	23.0	<0.005	0.02	2.99
276		0.551	15.05	0.050	8.36	5.78	<0.001	0.02	0.298	3.61	0.5	0.42	24.8	<0.005	0.05	0.792
277		0.439	12.00	0.125	11.35	13.05	<0.001	0.03	0.383	6.90	1.3	0.48	23.6	<0.005	0.03	3.96
278		0.269	7.88	0.177	8.94	11.85	<0.001	0.03	0.306	4.29	0.6	0.33	25.0	<0.005	0.06	1.930
279		0.370	9.87	0.119	7.58	13.70	<0.001	0.04	0.331	4.89	0.9	0.40	26.2	<0.005	0.02	1.310
280		0.458	56.5	0.043	8.98	11.90	<0.001	0.01	0.525	6.48	0.4	0.27	22.5	<0.005	0.04	1.340
281		0.706	18.85	0.029	8.10	10.60	<0.001	0.01	0.327	4.61	0.5	0.34	17.30	<0.005	0.05	2.50
282		0.345	11.45	0.098	5.61	19.70	<0.001	0.07	0.169	3.55	1.2	0.19	30.5	<0.005	0.07	1.320



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Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Ti	Ti	U	V	W	Y	Zn
		%	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.002	0.005	0.1	0.001	0.003	0.1
		0.01						
L243		0.176	0.409	0.143	92.1	0.312	3.11	68.8
L244		0.192	0.567	0.308	131.5	0.681	8.31	86.4
L245		0.110	0.466	0.623	85.6	0.837	11.95	80.7
L246		0.097	0.867	1.695	96.2	0.611	14.55	348
L247		0.098	0.830	1.685	91.8	0.564	13.95	361
L248		0.036	0.140	1.145	46.3	0.253	8.89	258
L249		0.036	0.121	1.035	45.8	0.244	8.44	252
L250		0.037	0.127	0.964	46.2	0.255	8.04	241
L251		0.104	0.332	0.360	100.5	0.418	4.46	343
L252		0.069	0.165	0.471	90.5	0.729	12.20	111.0
L253		0.043	0.199	1.000	76.2	0.362	25.1	116.0
L254		0.042	0.216	0.524	80.8	0.204	5.96	139.5
L255		0.075	0.115	0.488	64.5	0.419	4.66	72.7
L256		0.183	0.155	0.170	99.5	0.689	2.37	110.0
L257		0.031	0.097	0.255	74.8	0.162	8.66	60.6
L258		0.021	0.140	1.360	61.6	0.184	13.35	122.0
L259		0.034	0.124	1.185	68.9	0.136	8.76	155.0
L260		0.053	0.132	0.986	74.2	0.159	8.26	111.5
261		0.068	0.082	0.908	42.4	4.29	2.76	49.2
262		0.075	0.131	0.512	41.0	1.440	2.90	62.7
263		0.050	0.296	1.960	29.1	4.84	5.55	155.0
264		0.067	0.257	0.755	33.7	1.245	2.50	69.3
265		0.122	0.413	0.692	65.4	1.870	4.11	127.0
266		0.102	0.354	0.894	59.8	0.723	6.53	89.8
267		0.104	0.170	0.850	63.2	0.586	7.06	73.7
268		0.106	0.158	0.988	59.1	0.433	7.17	68.5
269		0.100	0.120	0.658	56.4	0.486	4.26	53.0
270		0.131	0.329	0.570	64.1	0.288	4.70	68.2
271		0.078	0.174	0.660	47.0	0.607	5.53	61.0
272		0.117	0.129	0.459	75.4	0.369	4.37	62.3
273		0.121	0.135	0.325	75.2	0.315	3.58	59.0
274		0.121	0.158	0.245	85.6	1.495	5.01	65.4
275		0.068	0.203	0.778	58.6	3.19	11.30	76.4
276		0.044	0.085	0.460	60.8	1.035	7.56	50.6
277		0.042	0.171	1.525	79.4	3.47	24.5	108.0
278		0.042	0.160	0.614	73.3	2.46	8.09	62.1
279		0.037	0.146	0.858	56.7	3.86	22.2	56.5
280		0.088	0.159	0.311	94.1	1.480	3.21	67.6
281		0.065	0.122	0.557	60.2	0.283	7.42	76.5
282		0.049	0.364	2.17	48.4	0.212	14.25	193.5



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Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ST43 Au ppm	ME-MS41L Au ppm	ME-MS41L Ag ppm	ME-MS41L Al %	ME-MS41L As ppm	ME-MS41L B ppm	ME-MS41L Ba ppm	ME-MS41L Be ppm	ME-MS41L Bi ppm	ME-MS41L Ca %	ME-MS41L Cd ppm	ME-MS41L Ce ppm	ME-MS41L Co ppm	ME-MS41L Cr ppm
		0.02	0.0001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01
283		0.45	0.0067	0.0038	0.284	1.05	1.64	<10	467	0.19	0.073	2.30	0.141	12.70	8.33	16.10
284		0.57	0.0061	0.0062	0.184	2.89	2.49	<10	210	0.39	0.063	0.43	0.107	21.8	26.5	125.5
285		0.55	0.0019	0.0005	0.036	1.64	6.85	<10	88.9	0.16	0.105	0.25	0.033	39.4	7.41	11.15
286		0.54	0.0006	0.0004	0.022	2.45	10.60	<10	132.5	0.34	0.051	0.19	0.071	10.85	21.1	83.1
287		0.61	0.0027	0.0024	0.039	2.51	1.01	<10	195.0	0.35	0.058	0.29	0.081	29.1	23.8	72.3
288		0.64	0.0022	0.0023	0.027	2.41	0.94	<10	271	0.26	0.122	0.22	0.073	20.2	26.8	79.4
L289		0.45	0.0032	0.0023	12.60	1.53	7.62	<10	124.5	0.54	90.4	0.23	0.249	19.20	5.51	21.8
L290		0.54	0.0029	0.0022	1.430	1.76	8.70	<10	386	0.79	3.58	0.46	0.524	42.8	10.45	38.3
L291		0.54	0.0181	0.0148	6.19	1.46	9.42	<10	302	0.51	27.4	0.54	0.721	38.6	14.10	39.9
L292		0.65	0.0046	0.0043	7.07	1.38	3.80	<10	280	0.51	40.8	0.27	0.299	29.4	6.56	27.5
L293		0.64	0.0038	0.0046	1.685	1.62	5.94	<10	202	0.32	8.32	0.21	0.232	21.1	8.29	30.8
L294		0.60	0.0021	0.0017	1.480	1.82	6.30	<10	188.0	0.36	4.12	0.20	0.333	19.80	9.35	32.7
L295		0.54	0.0059	0.0044	2.99	2.85	4.29	<10	509	0.61	4.39	0.56	1.110	37.9	16.25	42.6
L296		0.56	0.0038	0.0031	4.30	2.44	3.28	<10	264	0.46	11.70	0.65	0.186	35.3	11.90	53.5
L297		0.44	0.0039	0.0027	0.253	2.35	5.01	<10	410	0.44	0.258	0.71	0.130	29.9	14.15	38.7
L298		0.55	0.0027	0.0024	0.166	2.26	4.33	<10	382	0.38	0.190	0.48	0.126	30.4	10.90	33.3
L299		0.46	0.0030	0.0017	0.121	1.70	5.44	<10	270	0.24	0.145	0.59	0.115	21.9	11.35	39.8
L300		0.61	0.0042	0.0022	0.134	1.77	4.47	<10	298	0.33	0.186	0.55	0.078	37.4	13.10	49.8
L301		0.42	0.0030	0.0020	0.152	1.79	4.16	<10	382	0.34	0.147	0.89	0.141	25.6	13.75	65.8
L302		0.49	0.0073	0.0052	0.196	2.62	3.18	<10	462	0.51	0.144	0.87	0.073	16.40	23.3	177.5
L303		0.71	0.0051	0.0029	0.073	2.51	5.43	<10	343	0.54	0.117	0.78	0.054	20.3	19.95	199.0
L304		0.65	0.0083	0.0048	0.239	2.07	4.70	<10	523	1.25	0.338	1.08	0.255	37.5	25.8	215
L305		0.64	0.0061	0.0009	0.030	2.06	9.75	<10	334	0.36	0.126	0.33	0.061	29.3	10.95	31.2
L306		0.51	0.0025	0.0016	0.034	2.30	10.95	<10	408	0.52	0.117	0.38	0.050	33.7	14.00	54.8
L307		0.49	0.0018	0.0022	0.136	4.62	2.49	<10	70.0	0.33	0.083	0.29	0.169	53.8	19.25	2.81
L308		0.51	0.0045	0.0039	0.026	2.07	7.39	<10	297	0.43	0.112	0.27	0.088	45.0	12.50	12.90
L309		0.36	0.0009	0.0006	0.010	2.05	7.36	<10	115.0	0.62	0.089	0.24	0.162	66.8	15.00	4.43
L310		0.60	0.0005	0.0004	0.016	1.64	10.80	<10	127.0	0.29	0.069	0.28	0.082	23.9	10.95	9.00
L311		0.59	0.0034	0.0005	0.026	1.61	10.45	<10	95.4	0.21	0.084	0.28	0.075	15.55	9.99	10.35
L312		0.60	0.0007	0.0002	0.036	2.12	21.6	<10	106.0	0.28	0.085	0.18	0.069	17.60	12.60	14.95
L313		0.56	0.0013	0.0004	0.171	2.32	5.90	<10	41.0	0.23	0.066	0.08	0.100	21.4	14.30	47.2
L314		0.63	0.0061	0.0043	0.150	2.61	5.27	<10	229	0.67	0.111	0.34	0.111	17.55	17.90	72.6
L315		0.45	0.0034	0.0025	0.060	2.89	7.12	<10	272	0.54	0.191	0.12	0.169	35.4	19.35	59.5
L316		0.50	0.0055	0.0067	0.050	2.66	7.07	<10	390	0.41	0.105	0.22	0.072	54.8	15.10	21.5
L317		0.53	0.0238	0.0227	0.989	2.33	14.35	<10	222	1.14	0.756	0.71	0.681	23.6	23.3	79.4
L318		0.69	0.0010	0.0007	0.149	2.40	17.60	<10	70.1	0.30	0.088	0.28	0.084	4.46	24.9	90.0
L319		0.52	0.0022	0.0010	0.567	1.57	9.74	<10	57.3	0.13	0.092	0.18	0.093	6.24	13.75	44.3
L320		0.56	0.0050	0.0049	0.345	0.74	3.09	<10	276	0.93	0.403	0.27	0.389	58.7	8.61	12.40
L322		0.41	0.0019	0.0011	1.940	2.35	3.85	<10	122.5	0.38	1.385	0.17	0.667	11.45	21.2	73.7
L323		0.49	0.0025	0.0023	1.590	2.27	4.90	<10	237	0.29	2.92	0.29	0.247	21.8	11.20	41.5



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Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm 0.005	ppm 0.01	% 0.001	ppm 0.004	ppm 0.005	ppm 0.002	ppm 0.004	ppm 0.005	% 0.01	ppm 0.002	ppm 0.1	% 0.01	ppm 0.1	ppm 0.01	% 0.001
283		1.375	74.7	1.660	3.56	0.064	0.048	0.062	0.014	0.04	6.58	5.9	0.68	524	0.29	0.039
284		2.24	154.5	4.02	7.93	0.063	0.056	0.020	0.028	0.02	7.68	16.3	2.75	689	0.20	0.008
285		1.335	5.04	1.770	4.47	0.046	0.008	0.005	0.014	0.04	13.60	13.2	1.53	236	0.23	0.006
286		2.20	57.3	3.80	6.66	0.045	0.017	<0.004	0.025	0.02	5.14	19.1	1.88	311	0.59	0.011
287		2.93	19.35	3.89	5.74	0.067	0.022	0.011	0.026	0.03	11.75	15.4	1.89	555	0.17	0.005
288		3.16	29.1	3.75	5.85	0.059	0.030	0.011	0.025	0.05	8.47	15.0	1.72	414	0.21	0.007
L289		1.520	103.5	2.72	4.85	0.047	0.059	0.076	0.086	0.17	9.77	11.3	0.34	148.5	52.5	0.008
L290		5.15	141.0	2.66	4.67	0.066	0.124	0.145	0.028	0.10	23.8	20.2	1.10	241	7.35	0.015
L291		3.76	131.0	2.27	3.47	0.079	0.067	4.13	0.045	0.09	23.6	15.7	1.01	330	11.15	0.013
L292		1.950	76.4	1.990	4.01	0.057	0.305	0.493	0.032	0.04	19.15	11.5	0.69	164.0	5.90	0.012
L293		1.475	30.0	2.49	4.50	0.046	0.144	0.135	0.019	0.05	10.70	14.6	0.73	166.5	8.82	0.011
L294		2.03	24.9	2.73	5.72	0.049	0.144	0.082	0.022	0.06	10.20	14.8	0.82	223	8.68	0.012
L295		11.20	57.7	3.64	6.57	0.101	0.088	0.373	0.023	0.23	20.3	31.3	2.37	616	6.87	0.014
L296		10.40	43.1	3.03	6.16	0.116	0.053	0.039	0.024	0.45	19.85	24.2	2.12	265	7.47	0.016
L297		5.25	36.4	3.04	6.39	0.075	0.044	0.039	0.019	0.14	16.40	22.3	1.58	464	0.55	0.017
L298		3.22	30.1	2.78	6.13	0.060	0.024	0.031	0.019	0.06	16.95	19.2	1.28	348	0.55	0.018
L299		1.470	24.4	2.23	4.54	0.056	0.033	0.029	0.018	0.05	11.55	13.2	0.93	346	0.65	0.014
L300		2.03	32.4	2.52	4.85	0.067	0.055	0.042	0.019	0.10	18.80	14.1	1.01	337	0.75	0.015
L301		1.720	44.0	2.41	4.89	0.056	0.063	0.041	0.018	0.07	12.80	16.0	1.05	290	0.55	0.016
L302		5.02	91.1	3.33	6.40	0.082	0.077	0.038	0.011	0.19	8.57	24.8	2.04	622	0.23	0.017
L303		6.18	59.3	3.28	6.59	0.098	0.118	0.026	0.020	0.15	11.30	25.2	1.72	471	0.31	0.018
L304		10.75	75.1	4.41	4.93	0.108	0.038	0.039	0.029	0.16	19.80	23.3	1.77	839	0.27	0.014
L305		3.51	15.60	2.66	5.59	0.051	0.061	0.107	0.020	0.05	16.85	18.3	1.03	392	0.48	0.015
L306		3.93	14.10	3.17	6.28	0.067	0.055	0.017	0.025	0.06	17.60	23.9	1.49	321	0.30	0.011
L307		3.76	3.32	5.72	11.70	0.105	0.024	0.008	0.046	0.02	16.50	49.5	4.58	305	0.17	0.005
L308		6.16	7.52	2.68	5.75	0.073	0.019	0.012	0.019	0.03	24.9	21.8	1.55	180.5	0.26	0.007
L309		10.60	3.06	3.00	5.39	0.073	0.013	0.005	0.021	0.04	14.30	28.5	2.21	215	0.17	0.006
L310		3.74	4.73	2.39	4.21	0.040	0.017	0.008	0.018	0.03	10.55	16.2	1.35	144.0	0.18	0.007
L311		1.520	4.91	2.15	4.58	0.037	0.007	0.013	0.019	0.02	8.89	12.7	1.15	303	0.33	0.007
L312		1.390	9.33	2.72	4.96	0.045	0.033	0.010	0.031	0.03	9.15	15.2	1.14	207	0.50	0.006
L313		0.958	19.65	2.51	5.35	0.046	0.015	0.017	0.013	0.02	9.09	15.8	2.12	268	0.54	0.004
L314		1.750	31.3	3.01	6.46	0.049	0.038	0.038	0.025	0.03	12.00	16.7	1.49	932	0.42	0.007
L315		1.420	20.8	4.09	6.42	0.083	0.061	0.026	0.026	0.04	20.0	20.6	1.51	886	0.71	0.004
L316		2.18	19.55	3.58	6.64	0.108	0.018	0.037	0.033	0.06	39.1	21.3	1.71	428	0.59	0.007
L317		25.8	129.5	3.08	5.03	0.064	0.090	0.105	0.015	0.24	14.45	27.6	1.93	419	1.92	0.005
L318		3.39	55.5	2.58	4.44	0.053	0.049	0.009	0.008	0.02	2.14	27.8	2.03	248	0.47	0.001
L319		1.030	26.5	1.780	4.04	0.030	0.024	0.014	0.013	0.02	3.36	9.7	0.97	146.0	0.84	0.003
L320		7.81	23.9	1.640	1.780	0.060	0.054	0.063	0.010	0.05	37.9	6.0	0.26	479	1.94	0.002
L322		3.30	29.2	3.42	6.85	0.035	0.071	0.043	0.013	0.03	6.03	19.8	1.55	649	5.31	0.005
L323		3.13	27.6	2.69	5.53	0.045	0.094	0.084	0.014	0.06	11.75	21.7	1.40	242	6.68	0.010



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To: COUREUR DES BOIS  
 3 RYDER PLACE  
 WHITEHORSE YT Y1A 5T5

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 Account: COUDES

Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Nb ppm 0.002	Ni ppm 0.04	P % 0.001	Pb ppm 0.005	Rb ppm 0.005	Re ppm 0.001	S % 0.01	Sb ppm 0.005	Sc ppm 0.005	Se ppm 0.1	Sn ppm 0.01	Sr ppm 0.01	Ta ppm 0.005	Te ppm 0.01	Th ppm 0.002
283		0.344	10.65	0.115	4.52	8.49	<0.001	0.11	0.293	2.12	1.1	0.23	46.5	<0.005	0.02	0.242
284		0.144	57.7	0.061	9.70	8.56	<0.001	0.01	0.364	13.75	0.6	0.23	14.30	<0.005	0.05	1.140
285		0.174	8.23	0.075	11.25	7.12	<0.001	0.01	0.247	2.70	0.3	0.25	11.15	<0.005	0.05	5.72
286		0.304	56.7	0.025	4.05	3.21	<0.001	0.01	0.542	9.50	0.4	0.34	12.45	<0.005	0.04	1.165
287		0.102	55.8	0.070	12.90	8.24	<0.001	<0.01	0.312	9.99	0.5	0.24	11.90	<0.005	0.05	1.215
288		0.174	62.2	0.064	7.30	8.25	<0.001	0.01	0.342	8.43	0.4	0.24	9.31	<0.005	0.03	1.145
L289		1.320	13.20	0.030	716	14.95	0.001	0.05	0.609	2.32	1.6	0.54	12.15	<0.005	0.68	22.2
L290		0.786	33.2	0.029	312	19.00	0.001	0.04	0.517	5.07	1.2	0.50	20.6	<0.005	0.11	14.20
L291		0.759	36.0	0.032	1065	15.40	0.001	0.11	6.20	3.71	2.2	0.34	21.3	<0.005	0.40	6.13
L292		0.857	20.2	0.018	576	14.10	<0.001	0.01	0.351	2.79	0.8	0.49	14.50	<0.005	0.23	12.95
L293		1.060	20.0	0.018	263	13.60	<0.001	0.01	1.550	2.83	0.5	0.38	13.85	<0.005	0.08	7.55
L294		1.010	20.9	0.018	141.0	17.95	<0.001	0.01	0.643	3.69	0.4	0.50	14.00	<0.005	0.06	3.89
L295		0.764	33.1	0.089	218	39.9	<0.001	0.01	1.350	6.53	1.0	0.53	18.40	<0.005	0.08	6.20
L296		0.655	34.9	0.085	226	64.7	<0.001	0.02	0.225	5.93	0.7	0.39	18.40	<0.005	0.04	5.99
L297		0.790	22.4	0.077	12.35	31.2	<0.001	0.03	0.313	5.00	0.7	0.41	26.3	<0.005	0.03	2.70
L298		0.791	20.3	0.067	10.55	19.10	<0.001	0.02	0.331	4.78	0.6	0.39	23.9	<0.005	0.04	2.77
L299		0.689	25.2	0.070	12.40	12.65	<0.001	0.02	0.272	4.00	0.4	0.30	25.5	<0.005	0.04	2.23
L300		0.849	29.6	0.052	25.6	18.00	<0.001	0.02	0.352	4.50	0.5	0.28	23.3	<0.005	0.07	3.80
L301		0.804	34.1	0.066	16.20	18.00	<0.001	0.04	0.315	4.50	0.7	0.27	30.0	<0.005	0.02	1.930
L302		0.791	69.2	0.083	5.34	22.6	<0.001	0.02	0.344	6.01	0.6	0.40	28.8	<0.005	0.03	1.385
L303		0.823	62.2	0.063	6.23	22.9	<0.001	0.01	0.323	7.79	0.5	0.42	25.3	<0.005	0.04	2.01
L304		0.433	81.5	0.115	14.35	20.8	<0.001	0.03	0.420	11.40	0.8	0.31	20.2	<0.005	0.02	2.35
L305		0.805	17.90	0.045	8.08	14.35	<0.001	0.01	0.309	4.23	0.4	0.37	17.10	<0.005	0.04	3.95
L306		0.476	23.1	0.054	8.00	14.90	<0.001	0.01	0.245	6.77	0.6	0.42	19.90	<0.005	0.03	3.20
L307		0.029	3.06	0.126	7.84	5.95	<0.001	0.01	0.315	9.78	0.4	0.13	6.96	<0.005	0.03	5.86
L308		0.327	10.00	0.084	9.32	8.22	<0.001	0.01	0.274	5.06	0.4	0.29	9.55	<0.005	0.02	3.77
L309		0.102	5.29	0.079	7.46	8.31	<0.001	0.01	0.247	5.16	0.4	0.32	5.95	<0.005	0.01	3.08
L310		0.254	6.60	0.083	6.10	8.19	<0.001	0.01	0.226	4.28	0.3	0.27	9.59	<0.005	<0.01	1.815
L311		0.359	6.71	0.067	7.16	6.74	<0.001	0.01	0.310	4.45	0.3	0.33	8.53	<0.005	0.02	1.085
L312		0.498	11.10	0.062	8.57	8.31	<0.001	0.01	0.338	4.40	0.1	0.30	9.38	<0.005	<0.01	2.03
L313		0.319	18.25	0.041	5.54	7.82	<0.001	0.01	0.228	4.90	0.2	0.26	6.05	<0.005	0.02	4.26
L314		0.608	45.7	0.041	8.73	9.02	<0.001	0.01	0.422	7.67	0.5	0.33	15.60	<0.005	<0.01	2.82
L315		0.695	55.3	0.046	9.93	9.57	<0.001	0.01	0.334	7.60	0.7	0.39	9.72	0.006	0.02	2.80
L316		0.610	14.60	0.069	7.73	9.37	<0.001	0.01	0.343	5.97	0.6	0.37	13.25	<0.005	0.02	3.53
L317		0.479	66.3	0.037	29.3	30.4	0.001	0.02	0.448	7.26	0.5	0.35	20.3	<0.005	0.01	6.48
L318		0.453	85.2	0.013	8.65	5.48	<0.001	<0.01	0.483	3.27	0.3	0.44	14.40	<0.005	<0.01	0.573
L319		0.807	39.0	0.013	5.33	6.21	<0.001	0.01	0.301	1.740	0.1	0.26	12.05	<0.005	0.01	0.763
L320		0.261	13.25	0.035	19.05	14.45	<0.001	0.01	0.199	2.50	0.5	0.21	9.60	<0.005	<0.01	16.25
L322		1.065	36.1	0.021	166.5	14.40	<0.001	0.01	0.648	3.06	0.3	0.50	13.20	<0.005	0.01	2.34
L323		0.963	28.5	0.017	85.7	29.8	<0.001	0.01	0.372	3.52	0.2	0.41	14.40	<0.005	<0.01	5.37





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Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Ti	Ti	U	V	W	Y	Zn
		%	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.002	0.005	0.1	0.001	0.003	0.1
		0.001	0.002	0.005	0.1	0.001	0.003	0.1
283		0.035	0.110	0.409	37.0	0.412	7.88	103.5
284		0.042	0.151	0.285	103.5	0.749	7.66	201
285		0.013	0.083	0.700	27.1	0.188	3.19	50.2
286		0.052	0.090	0.285	96.8	0.314	3.65	45.1
287		0.011	0.210	0.244	87.0	0.158	14.20	48.5
288		0.018	0.103	0.251	74.0	0.133	11.65	73.4
L289		0.052	0.151	1.985	48.7	104.5	2.34	106.0
L290		0.060	0.305	2.51	47.2	3.33	6.42	165.5
L291		0.051	0.268	1.805	37.3	1.595	9.98	132.5
L292		0.081	0.195	1.465	39.6	3.88	6.04	133.0
L293		0.087	0.127	0.736	50.5	0.714	2.89	88.9
L294		0.087	0.145	0.580	63.6	1.300	3.28	90.5
L295		0.087	0.366	1.550	78.1	2.44	12.80	207
L296		0.109	0.510	1.085	63.9	2.05	8.59	135.5
L297		0.104	0.360	1.080	64.7	0.778	7.87	74.0
L298		0.092	0.222	1.040	57.6	0.903	7.12	70.5
L299		0.073	0.126	0.702	47.0	0.342	4.84	57.5
L300		0.087	0.252	0.872	52.3	0.606	7.65	67.8
L301		0.075	0.144	0.829	56.3	0.553	7.59	62.9
L302		0.132	0.193	0.670	84.7	0.432	7.69	74.3
L303		0.151	0.238	0.424	87.5	0.549	8.30	66.4
L304		0.063	0.206	0.631	78.7	2.15	14.30	92.0
L305		0.081	0.152	0.490	52.9	0.943	5.26	57.4
L306		0.077	0.165	0.662	65.7	1.205	8.46	98.5
L307		0.011	0.048	0.430	110.5	1.270	10.65	109.5
L308		0.034	0.128	0.457	58.9	0.813	6.63	64.0
L309		0.028	0.088	0.530	72.3	5.81	7.26	77.1
L310		0.037	0.048	0.270	55.2	0.950	3.04	52.3
L311		0.028	0.063	0.308	38.2	0.344	4.34	49.3
L312		0.041	0.090	0.342	47.3	1.175	3.82	58.1
L313		0.029	0.113	0.242	44.1	0.100	2.64	40.4
L314		0.061	0.188	0.494	73.8	0.262	11.40	67.7
L315		0.050	0.161	0.747	57.5	0.530	14.45	260
L316		0.051	0.133	0.689	56.2	0.556	19.95	232
L317		0.098	0.446	0.880	65.8	2.09	7.66	152.5
L318		0.120	0.109	0.160	55.5	0.548	1.635	46.3
L319		0.087	0.052	0.166	42.1	0.266	1.230	29.5
L320		0.011	0.148	1.410	19.3	2.44	7.64	120.5
L322		0.133	0.177	0.363	91.6	0.221	3.04	190.0
L323		0.082	0.258	0.512	58.5	1.780	3.32	133.5



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Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ST43 Au ppm	ME-MS41L Au ppm	ME-MS41L Ag ppm	ME-MS41L Al %	ME-MS41L As ppm	ME-MS41L B ppm	ME-MS41L Ba ppm	ME-MS41L Be ppm	ME-MS41L Bi ppm	ME-MS41L Ca %	ME-MS41L Cd ppm	ME-MS41L Ce ppm	ME-MS41L Co ppm	ME-MS41L Cr ppm
		0.02	0.0001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01
L325		0.32	0.0079	0.0053	9.83	1.93	4.46	<10	559	0.72	14.20	1.76	2.45	63.0	28.7	39.0
L326		0.35	0.0034	0.0024	0.217	2.63	3.04	<10	337	0.54	0.269	0.64	0.127	26.4	16.05	52.9
L327		0.56	0.0037	0.0029	0.113	1.90	4.73	<10	292	0.35	0.213	0.36	0.098	41.0	10.55	22.0
L328		0.50	0.0034	0.0028	0.131	1.86	5.11	<10	201	0.25	0.206	0.26	0.107	30.5	8.74	21.5
L329		0.20	0.0026	0.0019	0.127	1.86	4.28	<10	335	0.31	0.159	0.68	0.215	25.4	10.90	29.6
L330		0.33	0.0036	0.0031	0.195	2.19	4.21	<10	391	0.37	0.192	0.78	0.205	35.2	13.25	54.9
L331		0.62	0.0047	0.0036	0.180	2.49	3.02	<10	333	0.46	0.088	0.79	0.089	16.55	22.5	135.0
L332		0.68	0.0030	0.0018	0.100	2.39	2.46	<10	240	0.50	0.057	0.52	0.048	7.22	36.7	101.5
L333		0.56	0.0099	0.0036	0.197	3.03	5.25	<10	477	0.81	0.061	0.78	0.056	19.85	36.4	383
L335		0.56	0.0047	0.0032	0.030	2.15	6.04	<10	354	0.75	0.172	0.35	0.051	51.8	14.30	70.1
L336		0.65	0.0046	0.0029	0.029	1.79	3.81	<10	211	0.37	0.170	0.21	0.061	41.5	10.50	55.8
L337		0.47	0.0033	0.0031	0.023	1.27	3.88	<10	127.5	0.29	0.168	0.08	0.043	30.3	4.17	10.30
L338		0.56	0.0080	0.0008	0.020	2.22	10.75	<10	165.0	0.34	0.124	0.17	0.065	34.6	15.60	16.30
L339		0.58	0.0339	0.0009	0.019	2.35	14.95	<10	384	0.50	0.166	0.27	0.074	56.2	13.20	19.70
L340		0.57	0.0021	0.0010	0.031	1.80	22.4	<10	338	1.47	0.208	0.22	0.064	76.3	18.05	13.90
L341		0.35	0.0017	0.0009	0.058	2.18	17.50	<10	116.5	0.33	0.218	0.11	0.113	23.5	10.75	33.8
L342		0.44	0.0201	0.0020	0.006	2.32	9.20	<10	139.0	0.25	0.169	0.08	0.101	68.5	11.00	10.85
L343A		0.59	0.0022	0.0018	0.059	2.68	9.14	<10	189.0	0.41	0.195	0.14	0.086	33.6	10.90	32.0
L343B		0.57	0.0029	0.0015	0.072	2.13	4.77	<10	105.5	0.38	0.166	0.07	0.332	47.2	6.84	15.90
L344		0.49	0.0027	0.0007	0.012	2.17	11.35	<10	153.0	0.31	0.117	0.17	0.077	23.9	10.00	18.65
L345		0.48	0.0021	0.0012	0.207	2.45	5.71	<10	256	0.38	12.10	0.44	0.057	22.5	11.55	38.0
L346		0.50	0.0026	0.0014	0.167	2.39	5.32	<10	245	0.39	0.263	0.42	0.049	21.0	11.70	36.9
L347		0.44	0.0034	0.0021	0.317	2.51	5.37	<10	493	0.60	0.291	0.58	0.143	34.1	14.15	23.7
L348		0.56	0.0034	0.0035	0.228	3.19	6.82	<10	392	0.57	0.144	0.54	0.315	33.3	22.9	30.8
L349		0.67	0.0040	0.338	0.440	2.43	4.42	<10	215	0.23	0.105	0.35	0.123	13.90	16.90	57.5
L350		0.66	0.0060	0.0048	0.345	1.57	6.51	<10	180.0	0.33	0.558	0.19	0.088	60.6	9.29	28.3
L351		0.58	0.0064	0.0060	0.385	1.92	14.50	<10	123.5	0.32	0.115	0.21	0.075	10.45	18.75	63.8
L352		0.50	0.0042	0.0030	0.946	2.92	6.60	<10	223	0.48	2.50	0.31	0.243	14.60	25.8	97.9
L353		0.55	0.0050	0.0041	1.240	3.96	6.28	<10	257	0.58	3.50	0.34	0.267	14.65	33.3	119.5
L354		0.59	0.0014	0.0009	0.614	4.28	4.95	<10	307	0.95	5.44	0.54	0.182	14.75	28.9	129.0
L355		0.53	0.0037	0.0014	0.085	2.37	4.18	<10	231	0.46	0.374	0.28	0.092	29.0	12.20	42.1
L356		0.71	0.0036	0.0032	0.057	2.46	4.18	<10	355	0.64	0.170	0.46	0.092	52.5	12.50	22.6
L357		0.63	0.0095	0.0072	0.235	1.91	7.13	<10	392	0.49	0.425	0.33	0.260	65.2	11.65	21.9
L358		0.54	0.0021	0.0017	0.068	1.92	6.66	<10	216	0.39	0.121	0.30	0.059	29.3	11.35	47.6
L359		0.51	0.0027	0.0026	0.066	1.97	7.27	<10	229	0.42	0.140	0.31	0.055	32.5	11.55	48.4
L360		0.49	0.0026	0.0012	0.061	1.74	5.07	<10	204	0.36	0.129	0.29	0.075	34.0	10.20	40.2
L361		0.46	0.0009	0.0005	0.083	2.09	4.22	<10	167.0	0.30	0.106	0.22	0.066	10.85	17.00	58.3
L362		0.45	0.0018	0.0004	0.073	2.27	4.42	<10	175.0	0.31	0.102	0.23	0.065	11.65	17.75	60.6
L363		0.47	0.0015	0.0013	0.077	2.13	5.21	<10	210	0.33	0.086	0.30	0.053	15.90	16.35	54.8
L364		0.52	0.0013	0.0007	0.062	2.31	6.73	<10	186.0	0.32	0.096	0.26	0.062	13.95	15.30	54.8



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To: COUREUR DES BOIS  
 3 RYDER PLACE  
 WHITEHORSE YT Y1A 5T5

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 Finalized Date: 25-AUG-2015  
 Account: COUDES

Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm 0.005	ppm 0.01	% 0.001	ppm 0.004	ppm 0.005	ppm 0.002	ppm 0.004	ppm 0.005	% 0.01	ppm 0.002	ppm 0.1	% 0.01	ppm 0.1	ppm 0.01
L325		5.54	84.8	2.59	3.81	0.133	0.031	0.139	0.029	0.09	38.9	12.7	0.72	2980	5.88
L326		10.25	39.3	3.42	6.96	0.096	0.021	0.023	0.027	0.36	15.75	23.9	2.09	505	0.65
L327		3.01	30.3	2.64	5.00	0.070	0.098	0.029	0.019	0.12	23.7	16.3	1.13	274	0.69
L328		2.28	26.2	2.59	4.69	0.052	0.045	0.031	0.015	0.09	17.40	13.5	1.00	215	0.86
L329		1.855	24.2	2.26	4.70	0.053	0.028	0.043	0.023	0.14	15.00	12.8	0.94	474	0.91
L330		2.35	35.0	2.69	5.37	0.060	0.048	0.046	0.024	0.14	19.20	14.7	1.05	491	0.83
L331		3.25	87.3	2.94	5.57	0.072	0.061	0.041	0.010	0.13	9.18	22.7	1.86	384	0.35
L332		9.47	121.5	3.12	5.41	0.075	0.029	0.019	<0.005	0.34	3.89	27.2	2.06	552	0.20
L333		19.35	155.5	3.78	7.00	0.136	0.047	0.028	0.014	0.63	11.60	40.9	3.02	1270	0.16
L335		8.98	21.2	3.03	5.97	0.105	0.041	0.027	0.018	0.10	45.1	25.6	1.44	343	0.31
L336		6.95	26.4	2.75	5.24	0.072	0.020	0.010	0.015	0.09	30.7	21.2	1.07	245	0.22
L337		4.21	12.00	1.740	4.36	0.044	0.006	0.020	0.021	0.04	18.95	8.9	0.42	96.5	0.36
L338		5.66	11.30	2.82	5.45	0.055	0.018	0.015	0.022	0.05	14.00	20.2	1.33	255	0.46
L339		13.70	8.95	3.75	7.17	0.073	0.016	0.020	0.037	0.07	27.6	18.0	0.98	202	0.58
L340		15.90	9.49	4.40	5.32	0.099	0.010	0.020	0.034	0.08	38.6	10.2	0.56	262	0.45
L341		2.53	10.90	4.29	9.26	0.047	0.033	0.035	0.038	0.04	12.40	18.3	0.47	355	2.18
L342		1.995	7.74	2.83	4.93	0.079	0.036	0.007	0.049	0.03	32.0	12.1	1.11	132.0	0.48
L343A		1.325	28.1	3.02	6.83	0.045	0.140	0.024	0.032	0.04	17.10	12.8	0.55	254	1.08
L343B		2.98	74.0	2.43	5.69	0.054	0.048	0.020	0.027	0.06	21.1	20.3	1.09	161.0	0.81
L344		1.010	8.82	2.60	5.30	0.037	0.030	0.022	0.018	0.03	10.60	13.2	0.97	278	0.54
L345		6.68	26.2	2.98	6.29	0.045	0.078	0.028	0.020	0.05	13.70	17.9	1.29	303	1.13
L346		7.12	24.8	2.92	6.14	0.045	0.077	0.033	0.018	0.05	12.70	18.2	1.30	294	1.07
L347		11.45	21.8	3.12	6.53	0.069	0.030	0.050	0.033	0.23	21.6	22.3	1.56	821	1.38
L348		7.49	54.2	3.75	7.24	0.055	0.111	0.045	0.021	0.10	14.20	23.7	2.04	559	1.43
L349		2.41	39.0	2.75	5.20	0.040	0.057	0.053	0.013	0.03	6.77	16.8	1.80	275	0.54
L350		2.52	59.1	2.01	3.78	0.071	0.154	0.085	0.012	0.05	32.5	12.2	0.92	193.5	3.37
L351		1.430	87.7	2.22	3.83	0.046	0.044	0.025	0.012	0.01	5.05	12.0	1.40	311	0.56
L352		6.99	58.9	3.30	5.79	0.106	0.063	0.028	0.012	0.34	6.85	22.3	2.66	421	5.73
L353		14.65	75.1	4.53	7.35	0.149	0.085	0.033	0.021	1.11	5.26	48.3	3.55	806	4.32
L354		34.0	62.8	5.32	10.00	0.181	0.070	0.015	0.029	1.52	7.06	44.3	3.51	618	9.38
L355		6.94	27.5	3.03	6.39	0.083	0.057	0.018	0.016	0.18	13.70	25.1	1.55	335	1.74
L356		12.00	45.1	3.15	5.72	0.121	0.091	0.011	0.015	0.26	26.8	30.2	1.69	326	0.30
L357		8.33	40.4	3.04	4.90	0.101	0.052	0.031	0.020	0.36	37.7	19.5	1.20	424	0.89
L358		2.09	33.4	2.61	4.93	0.058	0.071	0.025	0.015	0.04	14.10	16.2	1.03	287	0.70
L359		2.25	36.4	2.63	5.21	0.067	0.088	0.023	0.020	0.04	15.40	15.7	1.02	288	0.74
L360		2.36	30.7	2.29	4.40	0.062	0.018	0.020	0.019	0.07	16.75	14.3	0.96	292	0.67
L361		2.02	52.3	2.86	6.09	0.046	0.034	0.010	0.009	0.03	5.21	17.2	1.20	283	0.71
L362		2.10	55.8	3.05	5.95	0.026	0.038	0.011	0.015	0.04	5.50	16.4	1.28	305	0.76
L363		1.285	47.9	2.72	4.95	0.031	0.027	0.012	0.024	0.03	7.59	13.1	1.21	365	0.64
L364		1.685	46.7	2.89	5.31	0.032	0.072	0.010	0.018	0.04	6.25	14.9	1.24	310	0.71



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Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Nb ppm 0.002	Ni ppm 0.04	P % 0.001	Pb ppm 0.005	Rb ppm 0.005	Re ppm 0.001	S % 0.01	Sb ppm 0.005	Sc ppm 0.005	Se ppm 0.1	Sn ppm 0.01	Sr ppm 0.01	Ta ppm 0.005	Te ppm 0.01	Th ppm 0.002
L325		0.494	28.9	0.109	1330	23.1	0.001	0.11	0.510	3.63	1.9	0.19	46.0	<0.005	0.02	0.733
L326		0.639	28.7	0.089	12.65	62.1	0.001	0.02	0.218	7.90	0.5	0.44	24.6	<0.005	0.01	3.18
L327		0.785	14.95	0.061	17.40	21.9	<0.001	0.01	0.391	4.25	0.4	0.35	20.8	<0.005	<0.01	6.97
L328		0.909	14.65	0.057	18.80	17.80	<0.001	0.01	0.416	3.25	0.4	0.34	15.20	<0.005	0.04	5.73
L329		0.857	18.90	0.061	16.55	21.8	<0.001	0.04	0.261	3.35	0.3	0.39	30.3	<0.005	<0.01	2.42
L330		1.060	30.4	0.048	26.0	24.8	<0.001	0.04	0.339	4.60	0.5	0.35	30.5	<0.005	0.04	3.01
L331		0.637	60.1	0.083	7.10	21.7	<0.001	0.03	0.330	6.39	0.5	0.26	25.7	<0.005	<0.01	1.300
L332		0.383	77.8	0.065	3.06	44.1	<0.001	0.01	0.276	4.86	0.2	0.29	22.5	<0.005	<0.01	0.636
L333		0.663	119.0	0.138	6.54	55.0	<0.001	0.01	0.317	9.08	0.3	0.32	30.8	<0.005	0.02	1.240
L335		0.584	31.8	0.067	9.70	19.45	<0.001	0.01	0.272	5.22	0.6	0.53	20.0	<0.005	0.02	5.78
L336		0.429	24.9	0.053	13.40	17.00	<0.001	<0.01	0.225	3.82	0.2	0.34	11.45	<0.005	0.03	6.11
L337		0.561	5.77	0.055	11.45	12.45	<0.001	<0.01	0.180	3.12	0.4	0.32	7.08	<0.005	<0.01	6.69
L338		0.517	11.95	0.058	9.06	9.62	<0.001	0.01	0.252	4.89	0.2	0.32	9.06	<0.005	<0.01	3.89
L339		0.554	11.95	0.050	11.85	20.5	<0.001	0.01	0.279	7.34	0.4	0.54	16.00	<0.005	0.01	3.55
L340		0.474	9.76	0.086	16.20	22.1	<0.001	0.01	0.212	6.84	0.4	0.50	12.35	<0.005	0.01	3.96
L341		1.860	14.05	0.093	15.70	10.30	<0.001	0.01	0.402	4.14	0.3	0.68	11.10	<0.005	0.04	2.47
L342		0.270	8.82	0.030	21.4	7.73	<0.001	<0.01	0.280	10.10	0.3	0.48	9.26	<0.005	<0.01	4.30
L343A		1.330	20.2	0.030	13.85	7.89	<0.001	0.01	0.458	5.81	0.4	0.55	14.80	0.007	0.01	6.50
L343B		0.767	11.40	0.028	20.8	18.20	<0.001	0.01	0.240	3.62	0.3	0.47	6.86	<0.005	<0.01	15.20
L344		0.789	13.00	0.042	9.20	5.94	<0.001	0.01	0.231	3.76	0.3	0.43	13.35	0.006	<0.01	2.40
L345		0.694	21.2	0.040	15.35	13.90	<0.001	0.01	0.296	5.13	0.3	0.48	18.70	<0.005	0.02	4.27
L346		0.603	20.8	0.042	14.20	13.75	<0.001	0.01	0.308	5.05	0.4	0.48	18.45	<0.005	<0.01	4.02
L347		0.890	16.85	0.082	21.2	35.9	<0.001	0.02	0.241	6.16	0.5	0.45	25.6	<0.005	0.01	3.21
L348		0.481	25.0	0.076	19.90	16.05	<0.001	0.01	0.625	5.97	0.4	0.42	27.3	<0.005	0.01	3.75
L349		0.508	36.2	0.052	8.61	12.05	<0.001	0.01	0.652	3.97	0.3	0.34	19.10	<0.005	<0.01	1.970
L350		0.383	22.7	0.018	44.9	11.45	<0.001	0.04	0.269	3.66	0.7	0.25	15.10	<0.005	0.03	19.95
L351		0.389	54.1	0.025	7.17	5.15	<0.001	0.01	0.277	2.91	0.3	0.19	13.05	<0.005	0.02	0.976
L352		0.197	82.5	0.025	74.4	46.6	<0.001	0.01	0.269	5.94	0.4	0.33	17.25	<0.005	0.03	2.45
L353		0.141	104.0	0.054	78.1	119.0	<0.001	0.01	0.129	8.12	0.4	0.27	12.55	<0.005	0.02	1.295
L354		0.282	73.5	0.078	157.5	159.5	<0.001	0.01	0.186	11.70	0.4	0.55	21.9	<0.005	0.04	1.205
L355		0.750	26.2	0.045	16.05	33.1	<0.001	0.01	0.269	5.87	0.3	0.53	17.75	<0.005	0.04	4.41
L356		0.404	17.05	0.124	12.65	39.4	<0.001	0.01	0.241	5.53	0.6	0.42	20.5	<0.005	<0.01	7.77
L357		0.479	19.65	0.086	28.5	48.5	<0.001	0.02	0.323	5.22	0.7	0.33	18.35	<0.005	0.02	10.55
L358		0.616	30.1	0.030	11.05	10.30	<0.001	<0.01	0.295	5.50	0.5	0.38	21.4	<0.005	0.02	3.98
L359		0.607	31.0	0.028	11.60	11.10	<0.001	<0.01	0.310	6.06	0.4	0.38	22.7	<0.005	0.03	4.46
L360		0.636	29.9	0.049	10.95	14.05	<0.001	0.01	0.258	3.95	0.5	0.28	17.20	<0.005	0.02	3.63
L361		0.669	42.5	0.021	5.21	11.60	<0.001	0.01	0.365	3.49	0.2	0.41	13.80	<0.005	0.01	1.290
L362		0.684	45.4	0.023	5.48	11.15	<0.001	0.01	0.451	3.37	0.2	0.45	14.35	<0.005	0.03	1.425
L363		0.664	40.8	0.024	5.06	6.89	<0.001	0.01	0.392	3.44	0.3	0.29	18.50	<0.005	0.03	1.670
L364		0.559	40.3	0.021	5.96	7.22	<0.001	0.01	0.444	4.08	0.4	0.35	15.95	<0.005	0.02	2.53



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**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Ti	Ti	U	V	W	Y	Zn
		%	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.002	0.005	0.1	0.001	0.003	0.1
		0.01	0.01	0.01	0.01	0.01	0.01	0.01
L325		0.037	0.605	2.79	51.2	1.710	44.4	84.5
L326		0.118	0.513	0.944	92.9	5.14	9.27	112.0
L327		0.094	0.273	1.040	48.6	0.913	7.83	80.5
L328		0.079	0.228	0.790	47.0	0.881	4.30	79.1
L329		0.067	0.182	0.869	42.5	0.335	5.86	72.0
L330		0.089	0.308	0.844	53.5	0.575	9.01	86.7
L331		0.100	0.204	0.713	77.0	0.599	11.45	66.2
L332		0.142	0.332	0.188	86.0	1.285	5.23	81.8
L333		0.176	0.574	0.323	131.0	1.040	11.50	79.2
L335		0.085	0.314	0.777	62.0	6.45	13.10	79.1
L336		0.062	0.266	0.756	48.6	1.290	6.07	75.6
L337		0.027	0.203	0.546	28.2	0.596	6.35	49.1
L338		0.037	0.121	0.434	55.5	0.818	3.90	89.6
L339		0.036	0.226	0.692	81.0	1.340	6.26	61.6
L340		0.024	0.247	0.618	69.1	1.390	7.52	69.7
L341		0.083	0.118	0.451	91.8	0.376	2.49	61.6
L342		0.021	0.075	0.541	45.8	1.150	5.39	80.1
L343A		0.081	0.134	0.798	65.1	0.198	6.38	46.9
L343B		0.040	0.282	1.495	34.3	3.00	7.41	145.5
L344		0.059	0.066	0.379	49.7	0.169	3.45	47.6
L345		0.083	0.162	0.813	68.4	0.746	5.35	56.1
L346		0.079	0.156	0.783	67.4	1.765	5.23	55.4
L347		0.112	0.392	0.866	80.4	0.849	11.25	96.9
L348		0.093	0.452	2.75	88.7	0.337	6.66	156.5
L349		0.060	0.169	0.374	63.1	0.423	3.54	55.5
L350		0.048	0.351	1.620	34.6	0.990	9.99	77.0
L351		0.085	0.116	0.287	42.0	1.050	5.38	46.7
L352		0.173	0.598	0.433	82.6	1.100	6.88	89.1
L353		0.232	1.075	0.259	97.8	0.646	6.52	113.5
L354		0.303	1.160	0.298	152.5	0.870	5.68	106.5
L355		0.126	0.348	0.938	77.9	0.873	5.10	77.0
L356		0.093	0.559	1.545	55.0	0.583	14.40	84.5
L357		0.089	0.608	1.980	47.9	1.095	12.40	133.0
L358		0.098	0.125	0.724	55.5	0.252	6.53	61.2
L359		0.101	0.137	0.836	58.1	0.551	7.51	64.0
L360		0.072	0.177	0.751	44.0	0.340	6.31	62.7
L361		0.154	0.171	0.231	76.1	0.270	2.16	54.7
L362		0.161	0.178	0.271	77.4	0.428	2.35	57.0
L363		0.130	0.124	0.542	64.8	0.378	3.00	52.0
L364		0.116	0.165	0.326	65.8	0.961	2.45	49.5



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ST43 Au ppm	ME-MS41L Au ppm	ME-MS41L Ag ppm	ME-MS41L Al %	ME-MS41L As ppm	ME-MS41L B ppm	ME-MS41L Ba ppm	ME-MS41L Be ppm	ME-MS41L Bi ppm	ME-MS41L Ca %	ME-MS41L Cd ppm	ME-MS41L Ce ppm	ME-MS41L Co ppm	ME-MS41L Cr ppm
		0.02	0.0001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01
L365		0.50	0.0005	0.0004	0.121	2.31	7.84	<10	125.5	0.22	0.095	0.18	0.119	8.26	16.70	68.8
L366		0.52	0.0029	0.0029	0.067	2.21	5.25	<10	369	0.53	0.121	0.39	0.049	29.4	16.25	56.8
L367		0.47	0.0042	0.0046	0.073	1.99	7.84	<10	540	0.51	0.151	0.37	0.070	34.7	12.90	43.8
L368		0.50	0.0031	0.0025	0.027	1.88	5.65	<10	467	0.52	0.133	0.18	0.078	68.4	8.74	28.2
L369		0.49	0.0026	0.0017	0.013	1.66	4.96	<10	319	0.37	0.075	0.18	0.024	54.2	11.20	11.60
L370		0.47	0.0011	0.0005	0.015	1.44	7.32	<10	400	0.30	0.132	0.19	0.051	85.9	6.64	11.00
L371		0.53	0.0016	0.0010	0.057	2.58	3.92	<10	229	0.16	0.136	0.11	0.202	11.25	17.45	117.5
L372		0.56	0.0089	0.0063	0.521	1.59	3.39	<10	98.7	0.22	0.121	0.16	0.205	72.7	8.40	43.9
L373		0.27	0.0030	0.0024	0.417	2.04	6.24	<10	466	0.43	0.582	0.92	0.410	46.4	10.35	16.25
L374		0.30	0.0065	0.0020	0.310	2.07	8.95	<10	384	0.43	0.481	0.76	0.288	50.2	11.75	16.25
L375		0.28	0.0032	0.0024	0.363	2.68	4.60	<10	386	0.56	0.247	0.75	0.430	42.0	15.25	23.4
L376		0.33	0.0020	0.0012	0.137	1.95	4.36	<10	207	0.28	0.254	0.31	0.090	19.20	9.16	30.1
L377		0.35	0.0014	0.0014	0.176	2.19	5.84	<10	213	0.28	0.418	0.23	0.115	20.7	9.43	27.7
L378		0.46	0.0024	0.0022	0.308	1.38	3.02	<10	173.5	0.25	0.493	0.15	0.062	64.7	6.12	13.50
L379		0.38	0.0023	0.0009	0.457	1.93	5.74	<10	168.5	0.29	0.191	0.08	0.136	42.5	4.89	19.20
L380		0.48	0.0055	0.0004	0.275	2.19	5.35	<10	138.5	0.32	0.239	0.08	0.313	15.60	8.36	37.5
L381		0.43	0.0056	0.0038	0.809	2.65	5.81	<10	281	0.55	0.805	0.33	0.253	31.6	16.40	57.4
L382		0.40	0.0064	0.0038	0.974	2.80	5.35	<10	239	0.78	3.87	0.31	0.179	39.5	12.25	22.6
L383		0.40	0.0035	0.0015	0.325	2.48	6.18	<10	260	0.43	0.476	0.25	0.095	28.2	10.30	21.0
L384		0.32	0.0024	0.0014	0.239	2.85	4.43	<10	226	0.44	0.470	0.25	0.078	24.7	11.20	14.95
L385		0.38	0.0013	0.0006	0.086	1.58	4.13	<10	218	0.18	0.127	0.15	0.100	21.4	9.02	11.80
L386		0.49	0.0067	0.0031	0.067	2.48	3.91	<10	246	0.53	0.596	0.23	0.060	61.9	9.90	19.00
L387		0.35	0.0042	0.0027	0.189	1.92	4.84	<10	397	0.51	0.234	0.35	0.206	35.8	12.45	16.65
L388		0.41	0.0022	0.0024	0.089	2.41	6.54	<10	317	0.54	0.145	0.50	0.147	52.4	16.55	25.9
L389		0.39	0.0070	0.0135	0.042	2.00	5.26	<10	374	0.47	0.141	0.34	0.083	67.3	14.05	27.4
L390		0.43	0.0026	0.0027	0.183	2.54	6.27	<10	493	0.42	0.253	0.36	0.119	54.1	21.7	22.7
L391		0.39	0.0005	0.0005	0.097	2.59	14.10	<10	509	0.33	0.110	0.45	0.116	37.6	18.35	9.72
L392		0.34	0.0030	0.0047	0.276	1.62	5.08	<10	541	0.43	0.148	0.56	0.195	59.8	7.65	21.6
L393		0.37	0.0056	0.0053	0.025	1.60	4.70	<10	101.5	0.41	0.264	0.13	0.087	30.0	7.49	35.7
L394		0.37	0.0359	0.0036	0.295	2.75	4.76	<10	285	0.44	0.147	0.30	0.105	23.2	14.75	42.4
L395		0.34	0.0023	0.0010	0.118	2.63	7.57	<10	168.5	0.36	0.111	0.16	0.142	13.35	17.35	75.0
L396		0.38	0.0019	0.0013	0.096	3.27	8.19	<10	230	0.37	0.192	0.22	0.115	20.9	25.2	89.4
L397		0.42	0.0076	0.0018	0.091	2.85	6.28	<10	95.2	0.52	0.113	0.28	0.173	9.79	20.4	68.0
L398		0.38	0.0077	0.0337	0.228	2.71	3.44	<10	96.4	0.15	0.223	0.25	0.102	16.85	20.5	100.0
L399		0.31	0.0023	0.0014	0.103	2.76	5.69	<10	183.5	0.47	0.137	0.42	0.157	41.5	13.65	28.7
L400		0.47	0.0190	0.0047	0.675	1.50	6.28	<10	582	0.36	0.172	0.47	0.178	70.1	8.03	20.3
L401		0.41	0.0015	0.0011	0.238	2.73	8.10	<10	240	0.48	0.181	0.25	0.120	16.15	15.15	57.3
L402		0.33	0.0017	0.0010	1.415	1.79	3.86	<10	189.0	0.35	1.120	0.18	0.172	22.7	7.80	21.0
L403		0.34	0.0026	0.0020	0.526	1.81	3.89	<10	178.0	0.35	0.769	0.20	0.117	28.2	7.02	25.7
L404		0.20	0.0047	0.0034	0.617	1.97	4.86	<10	632	0.45	0.672	1.22	0.721	44.9	11.80	17.10



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 Account: COUDES

Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm 0.005	ppm 0.01	% 0.001	ppm 0.004	ppm 0.005	ppm 0.002	ppm 0.004	ppm 0.005	% 0.01	ppm 0.002	ppm 0.1	% 0.01	ppm 0.1	ppm 0.01
L365		2.26	44.5	3.00	5.69	0.027	0.027	0.016	0.015	0.03	3.75	16.3	1.49	354	0.94
L366		4.13	71.4	3.33	5.18	0.056	0.027	0.059	0.017	0.04	17.25	15.3	1.08	403	0.46
L367		3.04	55.4	3.22	5.16	0.059	0.060	0.050	0.016	0.06	17.85	12.8	0.79	534	0.65
L368		5.07	29.7	2.67	5.34	0.084	0.045	0.024	0.024	0.05	38.6	12.6	0.76	355	0.53
L369		5.33	9.19	3.02	4.22	0.073	0.012	0.008	0.024	0.03	24.1	10.4	1.07	135.0	0.19
L370		3.31	6.35	2.25	4.28	0.102	0.016	0.014	0.027	0.03	36.2	8.4	0.59	152.5	0.34
L371		3.11	8.64	3.37	7.25	0.031	0.013	0.014	0.020	0.02	3.80	16.5	2.00	634	0.74
L372		2.14	143.5	1.980	4.28	0.041	0.020	0.031	0.022	0.03	12.90	11.0	1.10	403	0.75
L373		5.84	30.1	2.78	5.24	0.099	0.036	0.108	0.023	0.19	24.5	17.9	1.29	349	1.11
L374		7.02	19.35	3.12	5.51	0.105	0.046	0.048	0.021	0.28	23.3	19.9	1.22	390	1.20
L375		14.20	47.2	3.45	6.94	0.072	0.065	0.033	0.026	0.08	15.20	29.7	1.77	883	1.15
L376		6.97	20.6	2.42	5.39	0.040	0.062	0.023	0.020	0.04	9.90	14.5	0.98	258	1.37
L377		3.63	15.45	2.71	6.27	0.035	0.031	0.016	0.017	0.05	10.75	15.8	1.16	271	1.59
L378		2.20	20.9	1.810	3.62	0.062	0.088	0.022	0.012	0.04	36.3	10.6	0.86	221	3.90
L379		2.59	16.65	2.30	4.65	0.039	0.050	0.021	0.018	0.05	20.0	12.4	0.48	141.5	1.17
L380		2.37	14.20	2.59	5.77	0.026	0.028	0.014	0.013	0.04	5.29	15.3	0.82	205	1.46
L381		10.60	54.0	3.25	6.47	0.063	0.089	0.025	0.018	0.11	15.15	29.2	1.55	438	1.89
L382		17.65	29.8	3.60	7.28	0.107	0.095	0.028	0.033	0.45	19.70	34.0	1.74	372	2.35
L383		6.61	21.0	3.27	6.85	0.060	0.051	0.022	0.023	0.23	14.40	25.4	1.30	277	1.66
L384		11.25	18.35	3.75	7.92	0.069	0.020	0.021	0.021	0.34	10.55	27.2	1.87	254	0.60
L385		4.04	17.45	2.16	5.81	0.044	0.017	0.016	0.010	0.13	11.80	12.6	0.86	135.0	0.67
L386		7.53	19.95	2.75	6.74	0.076	0.033	0.010	0.016	0.17	42.5	23.8	1.79	278	0.38
L387		6.14	38.4	3.04	5.41	0.048	0.007	0.048	0.018	0.11	18.70	16.0	1.05	320	1.19
L388		6.86	28.7	3.62	6.43	0.082	0.054	0.018	0.025	0.31	25.5	20.4	1.74	605	0.85
L389		6.27	30.9	3.23	5.84	0.112	0.064	0.010	0.015	0.37	39.7	20.5	1.46	372	0.49
L390		7.96	26.5	3.73	6.81	0.084	0.021	0.026	0.024	0.59	26.0	24.7	1.64	865	0.89
L391		11.55	17.45	4.73	6.56	0.107	0.005	0.014	0.026	0.73	13.70	23.6	2.08	625	0.56
L392		4.39	36.2	2.66	5.50	0.094	0.011	0.030	0.018	0.15	39.8	16.2	0.79	324	0.51
L393		7.47	23.9	3.38	4.35	0.044	0.016	<0.004	0.020	0.10	13.15	11.9	0.92	217	0.36
L394		8.81	42.9	3.47	7.40	0.041	0.037	0.033	0.025	0.05	12.70	25.7	1.71	369	0.46
L395		4.40	51.3	3.23	6.82	0.026	0.031	0.013	0.017	0.04	5.49	18.8	1.46	310	0.82
L396		5.42	85.6	4.12	7.68	0.037	0.041	0.016	0.022	0.08	4.74	20.6	2.35	625	0.93
L397		4.77	67.3	4.82	7.90	0.051	0.039	0.029	0.018	0.11	3.89	18.4	1.83	696	1.05
L398		2.27	103.5	3.50	7.05	0.045	0.011	0.008	0.016	0.02	10.90	21.2	2.31	442	0.34
L399		4.54	38.0	3.87	7.14	0.063	0.016	0.015	0.040	0.04	13.70	23.8	2.43	909	0.32
L400		2.77	62.9	2.33	4.37	0.097	0.046	0.038	0.031	0.04	36.9	9.5	0.63	439	0.70
L401		8.56	33.9	3.62	7.91	0.034	0.116	0.015	0.018	0.06	9.05	20.8	1.12	407	1.04
L402		7.52	20.4	2.54	6.04	0.046	0.032	0.027	0.010	0.19	10.85	16.3	1.08	210	0.97
L403		4.28	17.70	2.14	5.74	0.031	0.017	0.018	0.008	0.09	16.20	17.0	1.10	204	0.81
L404		5.83	37.8	2.62	5.02	0.095	0.037	0.094	0.017	0.17	27.4	19.3	1.37	612	1.29





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Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Nb ppm 0.002	Ni ppm 0.04	P % 0.001	Pb ppm 0.005	Rb ppm 0.005	Re ppm 0.001	S % 0.01	Sb ppm 0.005	Sc ppm 0.005	Se ppm 0.1	Sn ppm 0.01	Sr ppm 0.01	Ta ppm 0.005	Te ppm 0.01	Th ppm 0.002
L365		0.785	50.5	0.025	5.26	6.81	<0.001	0.01	0.567	3.16	0.1	0.37	13.85	<0.005	0.04	0.947
L366		0.396	39.6	0.036	9.43	7.94	<0.001	0.01	0.420	8.29	0.5	0.35	20.8	<0.005	0.02	4.09
L367		0.496	35.9	0.036	8.96	8.41	<0.001	0.01	0.461	7.74	0.5	0.42	23.9	<0.005	0.03	4.11
L368		0.483	19.35	0.042	11.10	11.30	<0.001	0.01	0.455	6.02	0.5	0.47	16.20	<0.005	<0.01	9.30
L369		0.139	8.31	0.062	5.06	6.52	<0.001	<0.01	0.165	6.55	0.2	0.20	8.76	<0.005	<0.01	3.71
L370		0.431	7.65	0.037	7.99	5.22	<0.001	0.01	0.200	4.89	0.3	0.39	13.75	<0.005	0.02	3.81
L371		0.545	75.8	0.043	17.10	3.87	<0.001	0.02	0.361	5.60	0.2	0.42	10.75	<0.005	0.02	0.876
L372		0.331	25.1	0.061	19.30	4.46	<0.001	0.01	0.349	5.46	0.3	0.22	7.61	<0.005	0.01	12.30
L373		0.583	12.75	0.099	21.2	35.4	<0.001	0.04	0.296	4.85	0.7	0.29	33.6	<0.005	0.03	2.33
L374		0.731	13.45	0.115	16.95	45.9	<0.001	0.03	0.247	5.96	0.6	0.32	29.4	<0.005	<0.01	3.05
L375		0.684	16.70	0.115	11.90	15.05	<0.001	0.02	0.302	7.17	0.7	0.57	28.2	<0.005	0.03	4.81
L376		0.725	18.15	0.035	13.75	12.25	<0.001	0.01	0.265	4.02	0.3	0.34	17.20	<0.005	0.01	3.68
L377		0.751	17.05	0.032	19.05	12.30	<0.001	0.01	0.242	3.85	0.3	0.43	15.80	<0.005	0.02	3.79
L378		0.483	11.35	0.043	16.25	8.57	<0.001	0.03	0.186	2.55	0.7	0.24	12.35	<0.005	0.02	16.55
L379		0.782	12.05	0.021	16.90	11.65	<0.001	0.01	0.315	1.940	0.2	0.41	7.63	<0.005	0.02	11.35
L380		0.918	18.95	0.022	16.90	17.75	<0.001	0.01	0.390	3.39	0.2	0.50	7.40	<0.005	0.01	7.07
L381		0.613	40.1	0.038	38.2	20.7	<0.001	0.01	0.428	6.28	0.4	0.55	19.95	<0.005	0.01	3.35
L382		0.804	16.80	0.063	87.0	65.7	<0.001	0.01	0.276	6.49	0.6	0.68	19.15	<0.005	0.02	4.76
L383		0.877	14.95	0.037	15.35	41.8	<0.001	0.01	0.276	4.61	0.4	0.49	18.35	<0.005	0.01	4.20
L384		0.623	10.60	0.056	15.45	54.7	<0.001	0.01	0.227	5.00	0.4	0.49	16.30	<0.005	0.01	2.48
L385		0.754	9.65	0.031	7.82	26.1	<0.001	0.01	0.150	2.48	0.3	0.34	12.60	<0.005	0.02	2.04
L386		0.828	14.60	0.026	23.9	32.5	<0.001	0.01	0.148	3.61	0.4	0.49	14.75	<0.005	0.01	10.10
L387		0.333	15.00	0.079	24.3	19.45	<0.001	0.02	0.229	2.72	0.7	0.36	15.55	<0.005	0.03	1.000
L388		0.686	22.9	0.097	14.85	37.1	<0.001	0.01	0.231	5.84	0.5	0.32	20.2	<0.005	0.02	5.56
L389		0.535	24.3	0.080	17.50	46.1	<0.001	<0.01	0.208	4.60	0.6	0.29	15.35	<0.005	0.01	10.80
L390		0.877	18.45	0.081	27.0	85.1	<0.001	0.01	0.225	5.71	0.5	0.38	16.50	<0.005	0.03	4.40
L391		0.568	9.87	0.169	16.65	114.5	<0.001	0.01	0.457	5.59	0.3	0.29	16.85	<0.005	0.02	2.90
L392		0.512	17.30	0.064	12.55	36.4	<0.001	0.02	0.265	2.90	0.8	0.41	18.15	<0.005	0.02	1.745
L393		0.253	21.0	0.050	15.65	19.30	<0.001	<0.01	0.304	4.05	0.4	0.37	8.76	<0.005	0.04	8.97
L394		0.826	35.4	0.041	10.55	16.90	<0.001	<0.01	0.243	5.81	0.4	0.39	13.90	<0.005	0.02	3.99
L395		0.979	51.2	0.024	8.34	15.35	<0.001	<0.01	0.409	4.27	0.4	0.35	12.20	<0.005	0.03	1.415
L396		0.453	68.1	0.034	13.75	18.50	<0.001	0.01	0.209	7.32	0.5	0.31	9.81	<0.005	0.02	3.14
L397		1.140	23.2	0.074	13.25	18.65	<0.001	0.01	0.557	4.61	0.5	0.36	13.85	0.007	0.08	0.789
L398		0.287	62.6	0.072	13.60	4.43	<0.001	0.01	0.362	6.31	0.4	0.22	12.50	<0.005	0.03	2.37
L399		0.302	19.85	0.136	16.35	7.14	<0.001	0.01	0.368	7.17	0.5	0.41	12.35	<0.005	0.01	2.94
L400		0.496	17.15	0.086	25.7	6.00	<0.001	0.01	0.184	8.04	0.8	0.29	16.95	<0.005	0.05	5.31
L401		0.788	31.2	0.023	10.15	25.6	<0.001	<0.01	0.338	4.64	0.4	0.59	18.45	<0.005	0.04	2.84
L402		1.065	13.80	0.024	35.8	43.0	<0.001	0.01	0.237	3.03	0.4	0.43	13.45	<0.005	0.03	4.02
L403		0.999	15.50	0.026	20.4	24.7	<0.001	<0.01	0.231	2.74	0.4	0.44	12.45	<0.005	0.02	6.12
L404		0.689	13.95	0.091	30.6	35.5	<0.001	0.06	0.281	3.93	0.8	0.28	33.8	<0.005	0.02	2.15





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 WHITEHORSE YT Y1A 5T5

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Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Ti	Ti	U	V	W	Y	Zn
		%	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.002	0.005	0.1	0.001	0.003	0.1
		0.01						0.01
L365		0.139	0.081	0.189	71.8	0.407	1.810	44.5
L366		0.055	0.252	0.924	70.9	0.328	15.30	68.9
L367		0.070	0.241	1.810	65.8	0.332	14.60	74.4
L368		0.054	0.399	1.175	51.0	0.525	13.60	63.6
L369		0.021	0.120	0.506	50.2	0.269	4.77	65.6
L370		0.026	0.089	0.488	40.3	0.138	4.31	36.7
L371		0.047	0.063	0.477	82.9	0.193	2.68	288
L372		0.023	0.071	0.915	42.6	0.351	5.55	93.0
L373		0.086	0.258	1.015	50.0	1.350	11.80	88.4
L374		0.104	0.327	1.080	55.1	1.965	11.10	82.3
L375		0.068	0.171	1.645	87.7	4.96	11.20	58.9
L376		0.068	0.133	0.657	56.3	0.595	3.79	46.4
L377		0.077	0.166	0.599	60.2	0.331	3.19	54.4
L378		0.032	0.097	1.245	26.4	0.457	7.64	52.4
L379		0.046	0.185	0.865	43.4	0.456	2.82	54.4
L380		0.062	0.295	0.598	51.0	0.805	2.17	86.9
L381		0.136	0.389	0.718	76.2	3.12	8.53	94.4
L382		0.156	0.679	1.145	93.6	2.64	7.33	92.1
L383		0.160	0.423	0.893	72.8	1.805	5.57	76.4
L384		0.158	0.585	1.105	91.0	1.935	6.88	66.9
L385		0.111	0.437	0.718	56.4	0.210	4.13	49.2
L386		0.096	0.541	0.696	46.5	0.505	6.96	110.5
L387		0.034	0.267	1.210	44.4	1.250	7.21	108.0
L388		0.105	0.433	1.025	63.5	0.552	8.20	109.5
L389		0.087	0.839	0.969	43.5	0.839	9.70	102.5
L390		0.126	1.710	0.836	68.6	0.502	8.00	95.3
L391		0.130	3.21	0.886	84.5	0.952	5.48	116.5
L392		0.048	0.703	1.325	40.1	1.075	19.15	95.1
L393		0.022	0.642	0.967	34.6	2.00	5.14	117.5
L394		0.069	0.297	0.540	76.3	0.516	6.37	96.2
L395		0.093	0.131	0.380	78.0	1.425	2.92	53.0
L396		0.094	0.331	0.319	91.3	0.312	6.09	58.1
L397		0.217	0.282	0.204	124.0	0.368	3.86	51.5
L398		0.019	0.060	0.350	71.6	0.353	5.05	77.5
L399		0.026	0.116	0.761	57.8	0.713	8.27	85.9
L400		0.023	0.118	0.787	41.0	0.461	10.20	64.6
L401		0.149	0.268	0.389	92.1	0.290	4.31	67.9
L402		0.103	0.410	0.656	58.8	1.710	3.71	53.5
L403		0.070	0.272	0.633	46.6	0.538	3.74	47.5
L404		0.072	0.309	1.045	45.9	1.905	13.50	96.8



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Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ST43 Au ppm	ME-MS41L Au ppm	ME-MS41L Ag ppm	ME-MS41L Al %	ME-MS41L As ppm	ME-MS41L B ppm	ME-MS41L Ba ppm	ME-MS41L Be ppm	ME-MS41L Bi ppm	ME-MS41L Ca %	ME-MS41L Cd ppm	ME-MS41L Ce ppm	ME-MS41L Co ppm	ME-MS41L Cr ppm
		0.02	0.0001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01
L405		0.31	0.0030	0.0127	0.173	2.25	12.20	<10	182.5	0.30	0.583	0.16	0.100	21.3	10.75	30.7
L406		0.34	0.0019	0.0029	0.060	3.63	11.90	<10	301	0.68	0.428	0.33	0.053	43.0	16.90	19.30
L407		0.36	0.0029	0.0022	0.328	2.16	6.78	<10	241	0.26	0.968	0.30	0.073	27.2	11.40	26.3
L408		0.37	0.0055	0.0015	0.269	2.68	5.82	<10	262	0.36	1.375	0.33	0.088	39.7	16.30	40.7
L409		0.36	0.0018	0.0010	0.343	2.63	7.59	<10	152.5	0.31	1.615	0.16	0.081	37.6	15.45	30.9
L410		0.35	0.0013	0.0011	3.44	2.17	7.71	<10	172.5	0.24	3.79	0.14	0.133	27.2	8.48	31.4
L411		0.35	0.0019	0.0017	0.275	2.18	7.43	<10	190.0	0.26	1.155	0.13	0.095	34.0	7.40	26.0
L412		0.39	0.0015	0.0031	0.099	1.74	6.69	<10	167.5	0.26	0.458	0.09	0.111	49.2	6.87	18.10
L413		0.37	0.0054	0.0044	0.088	2.27	6.70	<10	176.0	0.30	0.199	0.09	0.151	46.0	9.75	34.0
L414		0.41	0.0016	0.0015	0.139	2.68	8.01	<10	179.0	0.34	0.192	0.12	0.113	35.3	10.20	36.4
L415		0.35	0.0063	0.0049	0.138	2.34	8.61	<10	194.5	0.42	0.250	0.10	0.225	31.1	10.50	33.2
L416		0.46	0.0052	0.0052	0.119	2.21	7.66	<10	163.0	0.42	0.152	0.16	0.084	56.6	12.95	50.7
L417		0.34	0.0068	0.0022	0.161	2.04	9.13	<10	154.5	0.31	0.228	0.10	0.184	36.9	8.51	35.4
L418		0.39	0.0032	0.0018	0.199	2.04	6.27	<10	207	0.26	0.108	0.30	0.097	15.90	13.40	52.8
L419		0.33	0.0026	0.0018	0.353	2.14	8.58	<10	165.5	0.30	0.099	0.19	0.117	11.10	16.95	61.0
L420		0.44	0.0021	0.0012	0.130	2.11	11.35	<10	147.0	0.20	0.126	0.19	0.109	10.95	14.45	74.2
L421		0.48	0.0024	0.0020	0.173	2.80	11.25	<10	286	0.46	0.167	0.18	0.245	21.0	17.30	53.7
L422		0.35	0.0019	0.0016	0.224	2.22	9.91	<10	171.5	0.46	0.333	0.07	0.143	23.2	7.34	31.0
L423		0.41	0.0028	0.0018	0.054	2.89	7.55	<10	143.0	0.35	0.090	0.13	0.097	10.20	17.85	96.5
L424		0.36	0.0026	0.0136	0.052	2.06	9.44	<10	179.0	0.27	0.138	0.21	0.119	17.20	13.20	58.1
L425		0.37	0.0020	0.0008	0.102	1.51	4.46	<10	210	0.27	0.131	0.21	0.101	14.70	6.41	37.1
L426		0.18	0.0012	0.0009	0.334	0.72	1.68	<10	132.5	0.21	0.325	0.13	0.272	10.70	3.49	21.1
L427		0.28	0.0013	0.0013	0.104	1.26	4.47	<10	258	0.21	0.246	0.37	0.336	51.2	6.32	13.95
L428		0.44	0.0087	0.0071	0.522	0.59	3.39	<10	566	0.93	0.666	0.17	1.855	71.0	9.26	13.40
L429		0.59	0.0043	0.0011	0.059	1.65	4.27	<10	193.0	0.34	0.204	0.32	0.056	39.6	7.21	25.2
L430		0.56	0.0028	0.0016	0.181	2.61	3.02	<10	210	0.42	0.298	0.38	0.048	18.40	15.45	79.2
L431		0.51	0.0019	0.0014	0.098	2.28	3.98	<10	160.5	0.38	0.210	0.20	0.082	27.5	10.90	47.2
L432		0.53	0.0024	0.0016	0.384	1.66	5.28	<10	289	0.41	1.260	0.28	0.059	39.1	7.66	25.3
L433		0.60	0.0025	0.0018	0.459	2.06	2.53	<10	258	0.46	0.859	0.36	0.087	57.1	8.62	35.9
L434		0.51	0.0015	0.0188	0.098	2.17	7.87	<10	145.0	0.35	0.647	0.12	0.299	44.6	9.62	18.65
L435		0.57	0.0035	0.0018	0.334	2.06	6.56	<10	423	0.45	1.215	0.42	0.147	38.3	9.73	22.3
L436		0.46	0.0013	0.0011	0.505	3.09	6.61	<10	245	0.50	0.372	0.14	0.136	57.4	14.80	21.0
L437		0.50	0.0032	0.0013	0.635	2.48	6.62	<10	210	0.46	0.468	0.13	0.165	49.8	12.15	20.7
L438		0.54	0.0124	0.0104	2.13	2.33	7.90	<10	373	0.54	1.755	0.11	0.948	46.7	7.62	27.4
L439		0.51	0.0149	0.0099	1.770	2.01	6.81	<10	354	0.45	2.44	0.14	1.010	54.5	7.53	24.7
L440		0.73	0.0006	0.0004	0.027	3.46	7.68	<10	373	0.57	0.135	0.17	0.280	16.65	12.55	11.45
L441		0.61	0.0021	0.0011	0.045	2.72	9.50	<10	161.5	0.52	0.221	0.10	0.553	42.1	13.75	24.6
L442		0.52	0.0032	0.0017	0.035	2.04	8.16	<10	120.0	0.26	0.180	0.09	0.177	28.9	7.82	25.4
L444		0.72	0.0005	0.0004	0.039	0.59	3.97	<10	63.6	0.15	0.605	0.02	0.046	9.85	0.887	5.13
L445		0.63	0.0005	0.0002	0.084	0.43	1.49	<10	46.1	0.06	0.442	0.01	0.020	19.85	0.484	3.30



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Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm 0.005	ppm 0.01	% 0.001	ppm 0.004	ppm 0.005	ppm 0.002	ppm 0.004	ppm 0.005	% 0.01	ppm 0.002	ppm 0.1	% 0.01	ppm 0.1	ppm 0.01
L405		1.615	14.70	3.66	7.58	0.034	0.110	0.004	0.013	0.07	10.55	17.8	0.75	251	2.53
L406		9.85	13.85	4.93	8.82	0.102	0.075	0.009	0.026	0.82	18.25	33.0	2.40	271	1.18
L407		1.990	22.5	3.13	6.03	0.051	0.033	0.017	0.018	0.10	12.95	15.7	1.15	249	1.63
L408		3.24	21.8	3.74	7.09	0.077	0.069	0.020	0.024	0.20	20.5	22.5	1.99	345	1.17
L409		2.67	29.8	4.11	7.42	0.062	0.067	0.008	0.027	0.15	19.00	18.8	1.71	248	1.82
L410		2.02	16.55	3.06	8.17	0.042	0.048	0.024	0.016	0.08	14.80	14.5	0.78	255	7.78
L411		1.830	19.40	3.00	6.86	0.049	0.038	0.011	0.023	0.09	19.35	15.2	0.84	208	6.03
L412		2.26	11.30	2.98	6.41	0.046	0.068	0.030	0.011	0.08	26.4	10.6	0.66	214	4.38
L413		1.870	40.1	2.99	6.03	0.043	0.129	0.025	0.017	0.06	19.25	14.0	1.08	275	2.29
L414		1.545	28.2	3.64	7.08	0.041	0.079	0.010	0.028	0.05	11.35	15.7	1.22	287	1.77
L415		1.385	56.1	3.14	5.17	0.038	0.210	0.054	0.025	0.06	13.15	11.4	0.57	287	1.79
L416		2.47	69.9	2.91	5.66	0.083	0.067	0.024	0.030	0.04	31.5	15.0	1.15	314	1.25
L417		2.31	40.6	3.01	6.24	0.039	0.040	0.021	0.024	0.06	20.1	13.6	0.62	221	2.79
L418		1.610	48.5	2.60	5.44	0.033	0.025	0.014	0.019	0.04	7.90	13.0	1.00	255	0.50
L419		1.530	56.9	2.67	5.83	0.027	0.025	0.025	0.011	0.03	5.41	12.2	1.00	298	0.78
L420		1.750	46.5	3.11	6.71	0.023	0.032	0.015	0.009	0.04	5.61	13.6	1.18	233	1.50
L421		1.525	41.2	3.26	6.66	0.032	0.186	0.022	0.016	0.07	9.73	15.5	0.86	295	1.14
L422		1.025	17.30	3.18	7.71	0.062	0.264	0.026	0.018	0.04	12.05	14.4	0.28	150.5	2.77
L423		1.795	56.9	3.19	5.59	0.040	0.080	0.026	0.015	0.02	4.81	18.1	1.56	316	0.61
L424		1.625	42.5	3.31	5.76	0.039	0.074	0.016	0.028	0.04	7.64	15.2	0.97	554	0.83
L425		1.245	34.8	2.04	5.28	0.032	0.012	0.028	0.016	0.03	7.47	8.6	0.59	163.0	0.63
L426		2.80	27.8	1.070	3.57	0.036	0.023	0.031	0.010	0.04	5.71	2.9	0.24	113.5	0.61
L427		2.13	17.05	2.24	5.24	0.076	0.020	0.037	0.024	0.04	26.2	9.8	0.66	235	1.35
L428		2.16	88.6	3.17	2.02	0.068	0.111	0.140	0.026	0.04	36.1	3.2	0.12	585	1.28
L429		1.725	21.1	2.16	4.62	0.065	0.046	0.017	0.010	0.07	21.6	14.9	1.04	203	0.56
L430		2.16	38.7	3.00	6.06	0.058	0.024	0.015	0.014	0.04	11.80	22.3	2.19	463	0.47
L431		1.130	26.3	2.70	6.18	0.042	0.061	0.011	0.015	0.04	13.40	19.6	1.71	277	0.53
L432		2.42	19.95	2.26	4.81	0.063	0.063	0.014	0.013	0.07	23.0	16.9	0.86	191.5	0.95
L433		9.57	23.6	2.37	5.12	0.091	0.058	0.032	0.012	0.32	35.1	24.9	1.74	237	1.09
L434		3.76	14.40	3.31	6.35	0.057	0.049	0.019	0.015	0.13	20.5	34.3	1.37	286	2.23
L435		2.11	41.3	3.15	5.53	0.079	0.104	0.105	0.019	0.16	20.0	22.1	1.25	292	1.57
L436		4.39	16.95	4.48	8.24	0.110	0.118	0.016	0.022	0.33	28.3	28.4	1.99	279	2.62
L437		3.20	19.95	3.72	7.37	0.085	0.119	0.015	0.022	0.19	23.9	24.4	1.40	290	2.39
L438		2.54	257	3.30	7.10	0.061	0.133	0.692	0.030	0.06	24.7	17.7	0.49	218	3.80
L439		2.15	286	2.92	5.78	0.067	0.101	1.170	0.035	0.06	29.6	16.0	0.53	242	3.41
L440		13.80	24.2	5.21	8.97	0.094	0.076	0.010	0.024	0.95	8.76	52.1	2.58	233	0.44
L441		5.57	74.5	3.81	6.68	0.058	0.070	0.017	0.029	0.26	17.75	26.4	1.36	404	1.61
L442		3.13	13.80	3.37	6.72	0.056	0.058	0.017	0.022	0.09	13.10	17.6	0.75	233	1.11
L444		0.709	44.0	2.24	2.47	0.026	0.030	0.020	0.012	0.04	4.86	3.5	0.09	23.9	3.79
L445		0.637	3.74	0.830	1.880	0.035	0.043	0.007	0.005	0.02	8.73	2.0	0.02	12.3	3.45



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		Nb ppm 0.002	Ni ppm 0.04	P % 0.001	Pb ppm 0.005	Rb ppm 0.005	Re ppm 0.001	S % 0.01	Sb ppm 0.005	Sc ppm 0.005	Se ppm 0.1	Sn ppm 0.01	Sr ppm 0.01	Ta ppm 0.005	Te ppm 0.01	Th ppm 0.002
L405		1.145	17.95	0.033	22.3	21.6	<0.001	<0.01	0.380	3.63	0.3	0.58	14.45	<0.005	0.01	2.64
L406		0.452	13.60	0.048	16.45	90.2	<0.001	0.03	0.249	5.85	0.6	0.47	17.85	<0.005	0.02	3.10
L407		0.856	16.70	0.044	28.3	24.2	<0.001	0.01	0.292	4.13	0.5	0.41	18.40	<0.005	0.04	3.14
L408		0.611	23.2	0.050	40.6	32.3	<0.001	<0.01	0.287	5.89	0.5	0.46	19.40	<0.005	0.01	5.02
L409		0.574	17.75	0.029	29.5	32.0	<0.001	<0.01	0.390	4.89	0.4	0.47	13.30	<0.005	0.03	5.44
L410		1.435	17.30	0.019	76.8	30.2	<0.001	0.01	0.311	3.42	0.3	0.64	13.90	<0.005	0.03	3.91
L411		1.305	16.00	0.021	58.3	24.9	0.001	0.04	0.318	2.93	0.6	0.51	13.50	<0.005	0.04	6.93
L412		1.380	11.70	0.028	15.25	23.7	0.001	0.02	0.331	2.35	0.6	0.45	9.80	<0.005	0.02	11.65
L413		0.848	24.4	0.018	29.3	15.40	<0.001	0.02	0.333	3.66	0.6	0.41	9.47	<0.005	0.03	13.35
L414		1.040	23.4	0.026	20.8	10.70	<0.001	0.01	0.367	4.12	0.6	0.48	10.35	<0.005	0.02	9.66
L415		1.425	23.3	0.025	42.2	9.74	<0.001	0.02	0.863	5.08	0.8	0.33	10.20	0.008	0.04	15.10
L416		0.648	32.1	0.016	12.70	10.65	<0.001	<0.01	0.409	6.21	0.7	0.42	15.05	<0.005	0.02	9.46
L417		1.335	20.8	0.030	27.6	16.85	<0.001	0.03	0.351	2.68	0.5	0.52	12.35	<0.005	0.03	5.38
L418		0.903	36.2	0.042	7.02	9.81	<0.001	0.01	0.256	3.97	0.4	0.35	18.05	<0.005	0.01	1.460
L419		0.992	44.5	0.023	6.31	6.73	<0.001	0.01	0.264	2.82	0.4	0.38	15.55	<0.005	0.03	0.922
L420		1.225	52.3	0.027	8.23	12.80	<0.001	0.01	0.370	2.38	0.4	0.47	13.20	<0.005	0.03	0.909
L421		0.986	40.1	0.017	10.35	13.80	<0.001	<0.01	0.569	4.93	0.4	0.55	15.25	0.006	0.04	3.70
L422		1.820	19.05	0.021	18.55	10.30	<0.001	0.01	0.525	4.09	0.4	0.74	9.35	0.018	0.05	6.54
L423		0.805	68.5	0.023	5.99	6.63	<0.001	<0.01	0.363	3.50	0.3	0.30	11.15	0.007	0.04	1.700
L424		1.110	40.6	0.041	8.52	9.64	<0.001	0.01	0.414	3.48	0.4	0.47	14.65	<0.005	0.03	2.05
L425		0.475	21.9	0.053	8.09	7.52	<0.001	0.02	0.227	2.43	0.4	0.44	15.65	<0.005	0.02	0.284
L426		0.255	10.90	0.038	14.90	9.09	<0.001	0.05	0.154	1.055	0.3	0.38	11.60	<0.005	0.02	0.120
L427		0.645	8.97	0.068	19.75	10.95	<0.001	0.07	0.188	3.43	0.4	0.36	16.70	0.005	0.03	4.49
L428		0.242	14.40	0.046	219	5.35	<0.001	0.09	0.220	4.42	0.7	0.27	12.05	<0.005	0.06	11.55
L429		0.624	17.20	0.048	10.25	11.95	<0.001	0.06	0.250	3.48	0.4	0.31	20.3	<0.005	0.04	5.53
L430		0.394	46.7	0.035	8.29	12.15	<0.001	0.01	0.277	4.13	0.3	0.34	18.95	<0.005	0.01	3.15
L431		0.550	28.0	0.016	8.77	8.97	<0.001	0.01	0.333	3.82	0.4	0.51	13.65	<0.005	0.03	5.05
L432		0.725	15.85	0.032	32.1	17.70	<0.001	0.02	0.256	2.96	0.3	0.41	17.25	<0.005	0.03	5.94
L433		0.546	25.0	0.046	27.9	46.1	<0.001	0.02	0.177	3.29	0.3	0.34	12.05	<0.005	0.02	9.26
L434		1.100	11.90	0.030	16.35	32.9	<0.001	0.03	0.258	3.29	0.3	0.42	9.94	<0.005	0.03	6.12
L435		0.793	15.55	0.037	75.9	25.0	<0.001	0.03	0.309	4.57	0.5	0.38	22.8	<0.005	0.05	5.55
L436		0.317	15.05	0.023	36.0	62.7	<0.001	0.03	0.272	5.97	0.4	0.58	13.95	<0.005	0.03	5.12
L437		0.420	13.75	0.021	42.2	46.0	<0.001	0.04	0.301	5.34	0.5	0.52	12.35	<0.005	0.04	4.98
L438		1.180	18.50	0.029	920	17.75	<0.001	0.05	0.484	3.81	0.7	0.67	10.90	0.006	0.10	11.60
L439		0.960	18.50	0.026	840	15.25	<0.001	0.07	0.486	3.53	0.6	0.50	12.55	<0.005	0.15	12.10
L440		0.887	9.57	0.043	9.05	101.0	<0.001	<0.01	0.224	4.25	0.2	0.48	9.36	<0.005	0.01	4.92
L441		1.305	16.55	0.028	17.75	49.4	<0.001	<0.01	0.410	4.67	0.6	0.59	9.73	<0.005	0.03	9.46
L442		1.210	14.20	0.028	10.60	27.2	<0.001	<0.01	0.301	3.78	0.3	0.51	9.98	<0.005	0.04	4.31
L444		1.285	2.76	0.018	18.10	8.39	<0.001	0.02	0.161	0.620	0.7	0.24	2.42	0.019	0.03	32.7
L445		0.955	1.16	0.007	17.75	5.59	<0.001	<0.01	0.174	0.435	0.2	0.26	1.93	0.006	0.04	1.445



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Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Ti	Ti	U	V	W	Y	Zn
		%	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.002	0.005	0.1	0.001	0.003	0.1
		0.01	0.01	0.01	0.01	0.01	0.01	0.01
L405		0.117	0.157	0.353	83.4	2.09	2.61	54.7
L406		0.240	0.824	0.456	78.4	2.08	5.15	102.0
L407		0.110	0.218	0.681	68.2	0.617	3.74	69.5
L408		0.132	0.306	0.749	81.4	0.301	5.55	88.6
L409		0.132	0.236	0.615	85.0	0.303	3.70	73.0
L410		0.125	0.206	0.454	74.4	0.321	2.63	59.0
L411		0.092	0.237	0.864	59.8	0.369	3.27	101.5
L412		0.068	0.297	1.165	55.0	3.54	3.94	71.8
L413		0.052	0.222	1.190	53.7	1.770	5.95	104.5
L414		0.065	0.181	0.930	60.0	1.990	4.03	77.1
L415		0.073	0.121	2.03	51.6	0.892	5.50	93.9
L416		0.085	0.181	1.270	58.2	0.188	12.00	87.2
L417		0.089	0.185	0.755	63.8	0.291	3.42	83.5
L418		0.095	0.123	0.452	57.5	0.169	3.88	43.5
L419		0.105	0.088	0.337	58.0	0.230	2.64	43.3
L420		0.153	0.112	0.246	71.6	0.374	1.880	43.6
L421		0.119	0.133	0.585	73.8	0.192	4.04	64.4
L422		0.077	0.117	0.732	73.2	0.276	2.92	36.7
L423		0.104	0.103	0.334	60.3	0.386	2.20	45.3
L424		0.089	0.097	0.351	69.6	0.504	3.17	62.7
L425		0.060	0.101	0.541	47.7	0.261	3.52	35.6
L426		0.033	0.082	0.475	24.7	0.702	2.88	19.0
L427		0.029	0.119	0.696	40.5	1.200	4.44	42.3
L428		0.006	0.078	1.240	22.0	3.35	7.46	332
L429		0.084	0.126	0.964	41.9	0.493	7.19	45.2
L430		0.100	0.141	0.554	62.6	0.482	4.10	54.5
L431		0.088	0.114	0.502	55.7	0.296	3.34	56.2
L432		0.083	0.178	0.838	44.6	0.473	4.91	51.3
L433		0.068	0.392	0.835	38.4	1.005	4.74	71.0
L434		0.093	0.236	0.527	54.1	1.745	3.33	70.6
L435		0.116	0.310	1.110	52.9	0.530	7.34	98.9
L436		0.167	0.436	0.768	80.5	0.589	3.74	106.0
L437		0.130	0.314	0.680	70.5	0.506	3.38	90.0
L438		0.069	0.207	1.335	62.5	0.724	4.62	644
L439		0.071	0.187	1.370	54.2	0.864	5.66	580
L440		0.194	0.779	0.365	74.0	4.06	3.48	103.0
L441		0.119	0.405	0.918	57.3	3.49	5.76	200
L442		0.081	0.207	0.462	61.6	3.27	2.51	98.3
L444		0.010	0.118	1.155	9.9	0.561	1.635	46.3
L445		0.014	0.056	0.113	12.4	0.197	0.505	5.2



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Account: COUDES

Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ST43 Au ppm	ME-MS41L Au ppm	ME-MS41L Ag ppm	ME-MS41L Al %	ME-MS41L As ppm	ME-MS41L B ppm	ME-MS41L Ba ppm	ME-MS41L Be ppm	ME-MS41L Bi ppm	ME-MS41L Ca %	ME-MS41L Cd ppm	ME-MS41L Ce ppm	ME-MS41L Co ppm	ME-MS41L Cr ppm
		0.02	0.0001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01
L446		0.44	0.0024	0.0016	0.519	1.91	4.34	<10	147.5	0.44	0.170	0.12	0.100	15.05	7.32	31.0
L448		0.43	0.0020	0.0016	0.042	1.27	4.42	<10	132.5	0.16	0.181	0.10	0.092	27.4	3.38	19.30
L449		0.47	0.0016	0.0010	0.137	0.56	1.79	<10	158.5	0.16	0.177	0.10	0.180	23.8	1.640	11.35
L450		0.35	0.0030	0.0028	0.627	1.27	8.87	<10	81.9	0.21	0.078	0.10	0.051	18.00	10.15	50.7
L451		0.52	0.0039	0.0033	0.239	1.55	5.67	<10	116.5	0.13	0.214	0.12	0.113	21.4	7.95	46.5
L452		0.61	0.0035	0.0035	0.085	1.62	5.36	<10	136.0	0.24	0.173	0.12	0.136	26.2	7.57	42.3
L453		0.56	0.0024	0.0020	0.081	1.33	3.97	<10	107.5	0.14	0.161	0.18	0.148	39.7	7.81	31.1
L454		0.57	0.0035	0.0018	0.147	1.95	5.07	<10	144.5	0.23	0.143	0.20	0.072	22.0	10.50	56.5
L455		0.60	0.0036	0.0024	0.111	2.64	4.53	<10	213	0.44	0.286	0.20	0.149	39.8	12.95	64.3
L456		0.56	0.0113	0.0028	0.160	1.84	8.96	<10	177.5	0.24	0.259	0.21	0.194	34.7	9.50	27.8
L457		0.43	0.0169	0.0058	0.312	1.75	7.36	<10	427	0.41	0.424	0.20	0.110	65.0	10.55	17.80
L458		0.30	0.0037	0.0037	0.370	2.35	8.20	<10	226	0.51	0.168	0.30	0.151	44.0	14.80	13.35
L459		0.37	0.0032	0.0021	0.102	1.74	6.81	<10	188.5	0.25	0.137	0.28	0.057	29.0	9.02	16.20
L460		0.33	0.0022	0.0013	0.075	2.76	10.50	<10	185.5	0.51	0.180	0.15	0.071	20.9	13.50	21.8
L461		0.40	0.0032	0.0007	0.052	2.95	11.80	<10	113.0	0.39	0.111	0.41	0.062	39.6	18.20	6.79
L462		0.48	0.0036	0.0029	0.034	3.03	7.44	<10	144.0	0.54	0.251	0.22	0.027	55.7	18.85	48.8
L463		0.30	0.0059	0.0039	0.064	2.23	8.40	<10	231	0.43	0.209	0.25	0.049	20.1	9.79	24.7
L464		0.42	0.0103	0.0164	0.031	2.90	5.09	<10	162.0	0.40	0.095	0.23	0.065	77.0	20.7	39.4
L465		0.41	0.0052	0.0040	3.98	3.38	8.04	<10	275	0.80	1.450	0.20	0.118	50.3	15.30	46.2
L466		0.36	0.0014	0.0022	1.005	2.28	6.17	<10	190.0	0.45	9.29	0.14	0.348	56.3	8.05	17.55
L467		0.17	0.0025	0.0015	1.095	1.52	2.01	<10	485	0.34	0.141	1.11	0.711	16.05	10.15	18.35
L468		0.39	0.0018	0.0014	0.293	0.66	1.28	<10	205	0.15	0.177	0.06	0.048	118.5	2.86	7.45
L469		0.37	0.0090	0.0064	0.446	2.00	5.78	<10	396	0.50	0.260	0.21	0.120	67.2	9.99	29.7
L470		0.19	0.0041	0.0034	0.799	1.72	1.18	<10	408	0.32	0.197	0.76	0.637	58.7	11.55	41.7
L471		0.32	0.0041	0.0035	0.227	1.22	2.64	<10	190.0	0.26	0.241	0.10	0.119	75.7	6.49	18.05
L472		0.34	0.0026	0.0025	0.237	1.53	6.59	<10	296	0.41	0.355	0.32	0.218	57.4	11.90	35.7
L473		0.33	0.0022	0.0016	0.485	2.21	3.92	<10	279	0.43	1.565	0.40	0.285	32.4	14.75	52.7
L474		0.42	0.0084	0.0081	0.794	0.98	1.52	<10	173.5	0.30	0.291	0.09	0.233	138.5	4.70	17.10
L475		0.29	0.0016	0.0024	0.367	1.45	5.97	<10	258	0.51	0.426	0.32	0.721	49.4	16.80	52.8
L476		0.39	0.0037	0.0031	0.174	1.98	5.73	<10	209	0.34	0.202	0.19	0.332	40.1	12.10	36.3
L477		0.31	0.0030	0.0033	0.286	2.05	6.45	<10	201	0.54	0.648	0.18	0.347	45.8	14.30	38.5
L478		0.29	0.0030	0.0027	0.490	1.96	29.3	<10	256	0.36	0.642	0.34	0.891	40.1	24.0	78.2
L479		0.41	0.0031	0.0017	0.105	1.79	7.75	<10	210	0.27	0.207	0.19	0.124	38.2	10.35	35.1
L480		0.31	0.0032	0.0028	0.252	1.77	4.99	<10	250	0.31	0.175	0.25	0.338	29.4	12.80	44.6
L481		0.37	0.0025	0.0017	0.270	1.66	4.50	<10	291	0.37	0.366	0.33	0.442	35.7	10.80	37.6
L482		0.36	0.0037	0.0023	0.553	2.44	6.41	<10	248	0.32	0.235	0.25	0.256	23.1	12.55	53.5
L483		0.19	0.0020	0.0016	0.530	1.94	4.11	<10	249	0.40	0.205	0.27	0.365	26.0	13.55	40.5
L484		0.25	0.0013	0.0010	0.276	1.67	6.25	<10	172.0	0.29	0.347	0.18	0.227	36.5	8.71	35.3



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**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm 0.005	ppm 0.01	% 0.001	ppm 0.004	ppm 0.005	ppm 0.002	ppm 0.004	ppm 0.005	% 0.01	ppm 0.002	ppm 0.1	% 0.01	ppm 0.1	ppm 0.01
L446		1.935	26.3	2.28	6.51	0.038	0.027	0.040	0.023	0.02	7.93	9.5	0.41	162.0	1.01
L448		1.335	38.3	1.850	5.71	0.043	0.024	0.034	0.020	0.03	15.50	5.1	0.28	86.0	0.58
L449		0.866	26.3	0.900	3.15	0.035	0.009	0.027	0.008	0.04	13.95	1.6	0.08	60.0	1.31
L450		0.962	64.2	1.670	3.44	0.039	0.009	0.053	0.009	0.02	11.75	5.0	0.66	173.5	0.71
L451		1.490	33.5	2.35	5.43	0.046	0.063	0.022	0.012	0.03	9.70	8.0	0.86	210	2.05
L452		1.380	28.2	2.42	4.71	0.056	0.045	0.024	0.016	0.04	13.20	10.9	0.85	154.0	3.95
L453		2.23	28.6	2.23	3.44	0.067	0.023	0.012	0.014	0.03	23.9	8.0	1.06	229	2.32
L454		1.230	45.8	2.52	5.17	0.047	0.029	0.022	0.017	0.03	10.80	12.8	1.16	234	1.00
L455		3.08	61.6	3.37	6.46	0.065	0.019	0.015	0.019	0.04	18.50	22.6	2.15	344	0.54
L456		1.545	35.6	2.75	5.34	0.054	0.027	0.048	0.021	0.03	16.20	13.9	0.78	528	0.80
L457		9.78	34.1	3.19	4.54	0.086	0.123	0.085	0.014	0.17	36.7	18.1	0.97	206	0.96
L458		25.1	18.90	3.65	6.66	0.095	0.024	0.023	0.026	0.21	21.8	27.2	1.66	343	0.71
L459		3.17	13.25	2.66	5.03	0.056	0.029	0.015	0.018	0.06	14.70	17.1	1.05	254	0.57
L460		17.75	13.75	3.55	7.33	0.037	0.021	0.028	0.031	0.10	9.72	29.5	1.56	308	0.92
L461		17.80	10.50	4.05	7.07	0.072	0.021	0.015	0.019	0.39	14.60	33.6	2.56	335	0.61
L462		8.65	9.19	3.75	8.05	0.082	0.059	0.010	0.026	0.18	22.3	30.2	2.82	360	0.77
L463		15.15	15.35	2.87	6.73	0.038	0.011	0.031	0.025	0.08	11.45	18.8	0.96	231	0.82
L464		11.15	2.47	3.90	6.68	0.097	0.032	0.020	0.030	0.17	24.8	39.7	2.95	812	0.27
L465		12.45	16.85	4.61	9.81	0.083	0.268	0.052	0.038	0.62	27.2	37.1	1.76	454	1.71
L466		9.28	9.56	3.35	8.37	0.067	0.026	0.039	0.023	0.31	31.8	27.9	1.24	329	2.61
L467		2.55	39.8	2.08	4.24	0.060	0.018	0.058	0.012	0.10	14.25	17.1	0.87	512	0.53
L468		1.040	15.75	1.510	2.63	0.117	0.035	0.018	0.013	0.06	61.3	4.4	0.46	105.5	1.17
L469		1.515	36.0	3.40	5.58	0.075	0.131	0.056	0.027	0.06	30.6	10.7	0.66	277	1.68
L470		1.805	47.7	2.39	3.88	0.086	0.034	0.064	0.020	0.04	36.8	8.9	1.15	544	1.32
L471		1.830	28.3	2.42	3.76	0.074	0.145	0.044	0.015	0.04	37.3	7.5	0.54	190.0	1.38
L472		3.24	38.7	3.07	4.43	0.083	0.055	0.171	0.023	0.06	31.8	13.3	0.79	419	1.58
L473		3.10	46.5	3.43	5.85	0.045	0.025	0.047	0.020	0.04	17.80	14.9	1.15	391	1.42
L474		1.690	36.3	2.11	3.50	0.148	0.109	1.270	0.025	0.05	77.0	6.7	0.85	191.5	1.22
L475		6.11	61.3	4.00	4.30	0.052	0.069	0.064	0.028	0.07	25.1	11.7	0.81	605	3.52
L476		1.890	45.8	3.00	4.99	0.041	0.088	0.028	0.014	0.04	20.9	13.7	1.00	304	1.71
L477		4.53	48.1	3.61	5.61	0.066	0.055	0.039	0.034	0.07	23.2	12.8	0.97	348	3.38
L478		4.08	85.5	3.91	4.93	0.049	0.033	0.054	0.030	0.06	19.85	13.2	1.05	888	6.04
L479		2.43	34.9	2.83	4.53	0.037	0.095	0.021	0.018	0.04	18.70	11.9	0.91	249	1.53
L480		2.57	49.5	2.85	4.47	0.041	0.018	0.026	0.023	0.05	15.00	11.7	0.95	338	1.29
L481		2.27	37.7	2.73	4.37	0.049	0.018	0.036	0.018	0.04	18.80	10.0	0.79	320	1.58
L482		2.77	49.4	3.03	6.37	0.036	0.018	0.045	0.026	0.05	12.35	13.5	1.07	299	1.56
L483		2.32	47.1	2.52	5.40	0.039	0.010	0.038	0.019	0.04	13.80	9.8	0.80	327	1.07
L484		2.77	25.3	2.43	5.56	0.043	0.028	0.041	0.018	0.05	19.90	10.6	0.77	203	1.15





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To: COUREUR DES BOIS  
3 RYDER PLACE  
WHITEHORSE YT Y1A 5T5

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Finalized Date: 25-AUG-2015  
Account: COUDES

Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Nb ppm 0.002	Ni ppm 0.04	P % 0.001	Pb ppm 0.005	Rb ppm 0.005	Re ppm 0.001	S % 0.01	Sb ppm 0.005	Sc ppm 0.005	Se ppm 0.1	Sn ppm 0.01	Sr ppm 0.01	Ta ppm 0.005	Te ppm 0.01	Th ppm 0.002
L446		1.070	17.65	0.021	11.40	7.41	<0.001	<0.01	0.331	2.95	0.4	0.61	13.35	0.007	0.02	1.880
L448		0.326	9.59	0.082	13.50	7.38	<0.001	<0.01	0.207	0.882	0.5	0.50	13.00	0.009	0.04	0.279
L449		0.401	6.26	0.030	10.95	8.11	<0.001	<0.01	0.095	0.638	0.4	0.39	11.75	<0.005	0.02	0.282
L450		0.351	30.4	0.051	4.80	3.99	<0.001	<0.01	0.148	1.870	0.6	0.24	9.40	<0.005	0.04	0.387
L451		1.055	28.1	0.031	23.8	10.50	<0.001	<0.01	0.300	2.81	0.4	0.42	9.40	0.006	0.04	3.86
L452		1.660	24.6	0.027	12.95	6.96	<0.001	0.05	0.254	2.89	0.7	0.39	10.55	0.009	0.02	6.69
L453		0.672	22.0	0.049	11.55	7.43	<0.001	<0.01	0.358	2.96	0.7	0.25	8.51	<0.005	0.03	9.57
L454		0.685	33.9	0.037	17.65	7.07	<0.001	<0.01	0.248	3.43	0.4	0.37	13.45	<0.005	0.01	2.54
L455		0.329	28.7	0.044	13.10	8.97	<0.001	<0.01	0.240	5.47	0.5	0.47	13.75	<0.005	0.04	3.05
L456		0.780	17.55	0.040	14.85	5.98	<0.001	<0.01	0.343	3.73	0.4	0.48	12.05	<0.005	0.08	6.27
L457		0.591	14.05	0.033	14.85	32.2	<0.001	<0.01	0.278	3.57	0.7	0.32	16.10	<0.005	0.04	8.85
L458		0.455	10.45	0.078	17.10	32.5	<0.001	<0.01	0.290	4.92	0.5	0.48	14.05	<0.005	0.02	2.65
L459		0.529	10.35	0.051	9.57	20.2	<0.001	<0.01	0.211	3.83	0.4	0.38	14.40	<0.005	0.02	2.82
L460		0.811	13.55	0.044	11.30	19.80	<0.001	0.01	0.348	4.41	0.3	0.54	11.85	<0.005	0.03	2.09
L461		0.283	7.74	0.190	8.86	38.4	<0.001	0.01	0.151	4.80	0.3	0.24	10.90	<0.005	0.03	2.56
L462		0.294	18.70	0.054	10.95	19.95	<0.001	0.01	0.239	8.94	0.5	0.44	14.30	<0.005	0.02	6.04
L463		0.734	15.05	0.055	12.55	16.40	<0.001	0.01	0.348	3.78	0.3	0.55	18.10	<0.005	0.03	0.828
L464		0.084	19.60	0.078	14.75	23.3	<0.001	<0.01	0.134	9.81	0.4	0.20	9.32	<0.005	0.02	7.11
L465		0.707	21.0	0.043	122.0	70.2	<0.001	0.02	0.386	11.45	0.6	0.90	19.85	<0.005	0.03	8.01
L466		1.970	9.63	0.050	144.5	44.0	<0.001	0.01	0.290	3.09	0.3	0.55	14.70	<0.005	0.06	7.46
L467		0.547	13.00	0.059	8.15	17.85	<0.001	0.07	0.252	2.92	0.9	0.20	36.8	<0.005	0.01	0.348
L468		0.991	3.39	0.030	48.1	5.62	0.001	0.13	0.093	1.555	0.4	0.09	13.90	0.005	0.10	14.75
L469		0.944	20.4	0.047	141.5	8.30	<0.001	0.14	0.396	5.62	0.6	0.35	26.7	<0.005	0.08	11.75
L470		0.329	31.5	0.071	31.8	6.48	<0.001	0.11	0.354	4.95	1.0	0.19	26.8	<0.005	0.14	2.74
L471		0.973	13.10	0.032	28.3	6.43	<0.001	0.02	0.187	2.56	0.4	0.23	10.85	0.005	0.04	15.80
L472		0.645	35.8	0.047	40.4	10.60	<0.001	0.01	0.286	5.92	0.7	0.33	16.35	<0.005	0.08	9.58
L473		0.664	38.1	0.060	40.6	8.96	<0.001	0.02	0.242	7.47	0.6	0.40	19.15	<0.005	0.06	4.05
L474		0.285	12.15	0.044	352	4.30	<0.001	0.10	0.399	3.24	0.8	0.14	16.05	<0.005	0.15	15.55
L475		0.675	75.4	0.075	80.2	12.15	<0.001	0.02	0.188	5.50	1.8	0.29	20.0	<0.005	0.07	9.32
L476		0.840	27.4	0.035	44.9	7.74	<0.001	0.01	0.343	4.11	0.5	0.33	13.20	<0.005	0.02	6.99
L477		0.665	45.1	0.043	59.9	11.55	<0.001	0.01	0.326	5.52	1.1	0.32	13.70	<0.005	0.05	6.87
L478		0.620	123.5	0.090	136.5	10.85	<0.001	0.02	0.273	5.50	1.4	0.27	16.40	<0.005	0.08	5.50
L479		0.582	31.1	0.026	25.4	7.51	<0.001	0.01	0.264	4.21	0.6	0.35	14.65	<0.005	0.02	6.21
L480		0.681	36.3	0.047	25.5	8.07	<0.001	0.01	0.266	4.56	0.5	0.30	14.80	<0.005	0.02	3.72
L481		0.830	30.9	0.047	29.1	7.32	<0.001	0.02	0.320	4.49	0.7	0.31	18.10	<0.005	0.04	4.40
L482		0.975	36.5	0.040	18.20	8.17	<0.001	0.02	0.317	3.94	0.4	0.46	15.75	<0.005	0.01	1.640
L483		0.797	26.9	0.044	23.9	8.97	<0.001	0.03	0.313	3.51	0.5	0.41	19.00	<0.005	0.04	0.707
L484		1.185	23.9	0.038	39.8	9.90	<0.001	0.02	0.326	3.40	0.4	0.43	13.25	<0.005	0.07	2.56





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To: COUREUR DES BOIS  
 3 RYDER PLACE  
 WHITEHORSE YT Y1A 5T5

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 Finalized Date: 25-AUG-2015  
 Account: COUDES

Project: CH15-SOILS

**CERTIFICATE OF ANALYSIS WH15117825**

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Ti	Ti	U	V	W	Y	Zn
		%	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.002	0.005	0.1	0.001	0.003	0.1
		0.01	0.01	0.01	0.01	0.01	0.01	0.01
L446		0.078	0.134	0.457	55.8	0.124	2.77	30.1
L448		0.030	0.110	0.668	38.9	0.167	3.97	24.5
L449		0.032	0.069	0.750	19.8	0.184	3.27	20.1
L450		0.041	0.052	0.693	27.8	0.272	5.25	21.8
L451		0.066	0.094	0.754	52.4	0.327	3.10	52.3
L452		0.062	0.092	0.855	43.8	0.565	4.89	38.1
L453		0.029	0.079	1.200	33.8	0.930	6.75	68.6
L454		0.083	0.084	0.680	53.2	0.341	4.02	48.3
L455		0.056	0.126	1.060	55.4	2.10	8.10	93.5
L456		0.053	0.082	0.588	52.9	0.937	4.24	59.4
L457		0.073	0.603	1.305	46.5	1.800	4.76	71.6
L458		0.074	0.337	0.799	61.2	0.780	5.02	60.1
L459		0.077	0.157	0.727	48.5	0.621	4.89	49.9
L460		0.095	0.227	0.522	69.0	0.742	3.33	65.1
L461		0.106	0.396	0.453	51.8	2.03	4.22	96.4
L462		0.102	0.288	0.676	63.7	2.38	6.46	76.8
L463		0.090	0.249	0.602	58.2	0.541	5.32	50.7
L464		0.059	0.270	0.515	38.9	1.075	7.26	150.5
L465		0.208	0.801	1.580	78.1	0.323	12.45	92.1
L466		0.105	0.344	0.628	61.1	0.356	4.21	86.2
L467		0.059	0.125	1.065	35.0	0.238	12.95	80.0
L468		0.003	0.046	1.025	7.2	0.164	5.03	32.8
L469		0.045	0.121	0.973	48.5	0.227	7.86	62.6
L470		0.017	0.099	0.892	41.5	0.439	17.30	94.7
L471		0.033	0.093	0.994	27.4	0.243	4.93	59.6
L472		0.058	0.143	1.065	45.4	0.787	12.40	111.5
L473		0.046	0.203	0.850	68.3	3.05	7.77	94.7
L474		0.006	0.047	0.861	17.5	1.480	10.20	81.3
L475		0.037	0.202	1.335	42.0	0.834	10.10	176.0
L476		0.065	0.124	0.989	52.2	0.516	5.36	112.0
L477		0.052	0.205	1.080	55.8	0.509	6.84	116.0
L478		0.038	0.178	1.435	53.4	0.562	8.90	152.0
L479		0.052	0.131	0.866	46.2	0.386	5.42	86.7
L480		0.050	0.105	0.849	49.4	0.431	6.05	99.4
L481		0.052	0.110	1.165	43.7	0.754	7.16	109.5
L482		0.074	0.136	0.945	61.5	0.959	5.32	77.4
L483		0.059	0.110	0.971	50.3	0.855	6.10	60.6
L484		0.077	0.155	0.556	52.5	0.870	4.94	66.2



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**CERTIFICATE OF ANALYSIS WH15117825**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).  
ME-MS41L

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Au-ST43 ME-MS41L