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Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

**Client:** Underworld Resources, Inc.  
1500 - 409 Granville Street  
Vancouver BC V6C 1T2 Canada

Submitted By: Jodie Gibson  
Receiving Lab: Canada-Vancouver  
Received: September 21, 2009  
Report Date: October 05, 2009  
Page: 1 of 7

## CERTIFICATE OF ANALYSIS

VAN09004467.1

### CLIENT JOB INFORMATION

Project: WHITE  
Shipment ID: UW09-08  
P.O. Number  
Number of Samples: 169

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Underworld Resources, Inc.  
1500 - 409 Granville Street  
Vancouver BC V6C 1T2  
Canada

CC: Adrian Fleming  
Rob McLeod

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	169	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	169	Dry at 60C			VAN
1DX15	169	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.  
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.  
\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Page: 2 of 7 Part 1

## CERTIFICATE OF ANALYSIS

VAN09004467.1

	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
YC225	Soil		0.7	34.7	13.5	86	<0.1	17.1	13.2	731	4.20	59.8	1.3	5.6	4.1	25	<0.1	3.4	0.1	40	0.70	0.081		
YC226	Soil		0.6	50.8	6.5	66	<0.1	100.0	23.2	810	3.83	5.5	0.6	1.9	2.8	23	<0.1	0.4	0.1	110	0.41	0.076		
YC227	Soil		1.0	13.1	10.1	51	0.1	17.6	8.4	492	2.50	7.0	0.4	1.5	2.9	15	0.1	0.5	0.2	62	0.19	0.016		
YC228	Soil		0.9	18.8	11.6	50	<0.1	23.8	9.6	263	2.81	7.0	0.5	<0.5	3.4	14	<0.1	0.4	0.2	70	0.16	0.017		
YC229	Soil		1.0	14.8	13.4	52	<0.1	19.0	9.0	431	2.53	8.0	0.4	1.7	2.9	21	0.1	0.6	0.2	61	0.25	0.016		
YC230	Soil		1.1	12.8	11.0	58	<0.1	17.4	6.5	362	2.72	9.7	0.4	1.1	3.4	21	<0.1	0.6	0.2	62	0.32	0.025		
YC231	Soil		1.8	66.2	15.1	98	0.1	30.9	16.2	1289	5.91	4.5	3.6	3.1	9.4	17	<0.1	0.4	0.2	84	0.46	0.056		
YC232	Soil		0.9	12.6	7.3	55	<0.1	18.4	10.7	216	2.38	5.9	0.4	2.2	2.5	14	0.1	0.5	0.1	57	0.14	0.020		
YC233	Soil		0.8	20.8	6.2	70	<0.1	61.7	15.6	349	2.94	5.5	0.3	1.5	1.8	26	0.1	0.3	0.1	85	0.34	0.042		
YC234	Soil		0.1	34.9	1.5	114	<0.1	28.3	44.3	874	6.12	1.0	0.2	3.2	0.7	36	<0.1	0.1	<0.1	157	1.09	0.219		
YC235	Soil		0.9	47.3	9.1	58	<0.1	29.8	13.9	406	3.10	11.0	0.6	2.1	4.6	26	0.1	0.7	0.2	68	0.36	0.029		
YC236	Soil		1.0	20.5	10.6	57	<0.1	22.8	10.1	788	2.59	7.8	1.3	2.3	7.4	26	0.1	0.7	0.2	49	0.42	0.026		
YC237	Soil		1.3	18.8	10.8	47	<0.1	21.9	9.1	333	2.58	17.1	1.2	18.4	8.0	22	<0.1	0.8	0.2	48	0.32	0.026		
YC238	Soil		1.0	16.5	11.7	73	0.1	8.6	14.3	982	4.93	7.2	0.9	1.7	4.6	91	0.2	1.1	0.1	43	4.47	0.191		
YC239	Soil		2.5	63.7	34.1	197	0.5	72.0	14.4	1299	3.48	6.4	2.1	2.0	8.6	26	0.4	0.8	0.3	42	2.21	0.097		
YC240	Soil		0.8	33.9	22.3	114	<0.1	41.4	17.7	447	4.16	6.1	1.3	1.9	15.8	20	0.2	0.4	0.3	60	0.33	0.049		
YC241	Soil		0.7	35.4	27.5	132	<0.1	44.8	19.6	503	4.50	4.3	1.6	0.6	20.4	20	0.2	0.3	0.3	59	0.34	0.056		
YC242	Soil		0.7	20.1	10.8	57	<0.1	26.4	13.9	591	3.16	11.0	0.5	1.5	6.2	24	<0.1	0.6	0.2	66	0.40	0.044		
YC243	Soil		0.8	23.8	13.7	51	<0.1	28.7	12.4	340	3.03	12.6	0.5	1.1	6.1	28	<0.1	0.8	0.2	64	0.43	0.018		
YC244	Soil		0.6	44.4	11.8	58	0.1	37.0	13.3	411	2.90	48.5	1.1	3.5	6.0	167	<0.1	0.9	0.2	48	7.18	0.079		
YC245	Soil		1.1	13.7	18.2	58	<0.1	18.2	11.2	552	3.09	6.2	0.5	1.2	4.2	24	0.1	0.5	0.2	70	0.39	0.039		
YC246	Soil		0.4	48.2	19.2	90	<0.1	43.7	14.7	465	4.08	3.2	1.6	1.9	17.6	37	<0.1	0.3	0.3	47	1.62	0.074		
YC247	Soil		0.5	38.2	13.4	83	<0.1	36.4	15.2	574	4.01	3.1	1.4	2.1	18.5	75	<0.1	0.3	0.2	42	3.18	0.066		
YC248	Soil		0.5	37.5	11.4	88	<0.1	39.1	18.9	462	4.18	2.0	1.6	2.3	19.7	115	<0.1	0.3	0.2	42	3.79	0.055		
YC249	Soil		0.6	186.4	1.7	80	<0.1	45.1	33.1	1365	5.95	16.8	1.0	3.4	1.0	94	<0.1	1.6	<0.1	152	3.82	0.067		
YC250	Soil		0.8	31.6	11.0	58	<0.1	31.1	14.1	390	3.45	11.9	0.7	3.8	7.0	35	<0.1	0.7	0.2	70	0.50	0.062		
PC101	Soil		0.4	32.9	13.5	98	<0.1	36.8	17.6	378	4.68	2.5	1.2	3.8	25.3	13	<0.1	0.2	<0.1	53	0.13	0.023		
PC102	Soil		0.5	30.8	9.3	83	<0.1	34.4	14.4	422	4.11	4.3	1.1	1.8	17.8	24	<0.1	0.2	<0.1	62	0.39	0.077		
PC103	Soil		1.2	79.3	5.2	122	<0.1	76.3	22.4	288	4.31	2.5	0.9	0.8	15.0	13	0.1	0.1	<0.1	50	0.19	0.051		
PC104	Soil		4.1	91.7	4.3	111	0.2	16.1	5.4	331	4.06	<0.5	1.8	<0.5	8.4	37	0.1	0.1	0.2	133	0.13	0.072		



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VAN09004467.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
YC225	Soil	14	12	0.30	369	0.004	<1	1.11	0.006	0.14	0.1	0.21	10.9	0.4	<0.05	3	<0.5
YC226	Soil	8	319	1.98	717	0.173	<1	2.72	0.011	0.72	0.2	<0.01	4.8	0.3	<0.05	8	<0.5
YC227	Soil	9	31	0.42	262	0.055	<1	1.66	0.008	0.04	0.1	0.01	2.0	<0.1	<0.05	5	<0.5
YC228	Soil	10	53	0.70	259	0.092	<1	1.84	0.008	0.10	0.1	<0.01	3.2	0.1	<0.05	6	<0.5
YC229	Soil	9	33	0.47	505	0.058	<1	1.63	0.008	0.05	0.1	0.02	2.6	<0.1	<0.05	5	<0.5
YC230	Soil	9	29	0.42	244	0.066	1	1.59	0.007	0.09	0.1	0.03	1.9	<0.1	<0.05	6	<0.5
YC231	Soil	23	26	0.65	901	0.019	5	1.77	0.007	0.31	0.1	0.21	13.3	0.2	<0.05	5	0.7
YC232	Soil	8	33	0.59	230	0.083	<1	1.58	0.008	0.05	0.1	<0.01	2.1	0.1	<0.05	4	<0.5
YC233	Soil	6	121	1.01	271	0.120	<1	2.04	0.012	0.10	0.1	<0.01	2.7	0.1	<0.05	6	<0.5
YC234	Soil	4	53	3.95	981	0.222	<1	3.81	0.028	1.11	<0.1	0.02	12.3	0.4	<0.05	10	<0.5
YC235	Soil	15	39	0.67	230	0.104	2	1.71	0.017	0.23	0.2	0.04	5.6	0.1	<0.05	4	<0.5
YC236	Soil	19	30	0.40	553	0.051	2	1.45	0.013	0.15	0.1	0.03	4.5	<0.1	<0.05	4	<0.5
YC237	Soil	19	33	0.45	408	0.056	<1	1.34	0.011	0.09	0.1	0.02	4.4	<0.1	<0.05	4	0.5
YC238	Soil	15	4	0.32	604	0.004	<1	0.85	0.005	0.18	<0.1	0.01	12.0	0.1	<0.05	2	1.2
YC239	Soil	32	25	0.98	473	0.047	1	1.52	0.007	0.21	<0.1	0.04	4.0	0.3	<0.05	4	1.2
YC240	Soil	45	54	0.94	304	0.151	1	2.40	0.010	0.82	0.1	0.01	5.7	0.4	<0.05	8	<0.5
YC241	Soil	55	60	1.09	316	0.174	1	2.59	0.010	1.07	<0.1	0.01	6.0	0.6	<0.05	9	<0.5
YC242	Soil	15	38	0.54	323	0.096	1	1.75	0.013	0.23	0.2	0.02	5.2	0.1	<0.05	5	<0.5
YC243	Soil	17	42	0.48	264	0.095	1	1.65	0.014	0.14	0.1	0.02	5.8	<0.1	<0.05	5	<0.5
YC244	Soil	25	40	0.91	286	0.070	2	1.35	0.017	0.21	0.1	0.05	4.3	0.2	0.07	5	<0.5
YC245	Soil	15	32	0.56	305	0.085	1	1.76	0.012	0.26	<0.1	<0.01	5.2	<0.1	<0.05	5	<0.5
YC246	Soil	59	43	0.99	200	0.161	<1	1.99	0.008	0.80	<0.1	0.02	4.8	0.5	<0.05	8	<0.5
YC247	Soil	51	35	0.97	230	0.184	<1	1.93	0.013	0.69	<0.1	0.02	3.6	0.4	<0.05	7	<0.5
YC248	Soil	56	34	1.36	244	0.221	<1	2.17	0.062	0.91	<0.1	0.02	3.7	0.6	<0.05	7	<0.5
YC249	Soil	6	50	1.65	538	0.052	<1	2.05	0.058	0.40	<0.1	0.03	17.8	0.3	<0.05	7	<0.5
YC250	Soil	25	35	0.56	226	0.119	1	1.64	0.025	0.16	0.1	0.02	5.1	<0.1	<0.05	5	<0.5
PC101	Soil	66	58	1.10	225	0.284	<1	2.55	0.007	1.04	<0.1	<0.01	5.1	0.7	<0.05	8	0.5
PC102	Soil	34	56	1.13	246	0.202	<1	2.33	0.011	0.89	0.1	<0.01	4.2	0.4	<0.05	8	<0.5
PC103	Soil	25	47	1.13	322	0.152	<1	2.39	0.009	1.04	<0.1	<0.01	3.3	0.6	<0.05	8	<0.5
PC104	Soil	28	76	2.06	814	0.192	<1	2.90	0.048	1.16	<0.1	<0.01	4.6	0.5	0.38	11	9.5



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Part 1

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		Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
PC105	Soil	0.9	27.8	7.4	51	<0.1	31.4	12.8	255	2.96	6.7	1.3	1.2	9.6	23	<0.1	0.4	0.1	60	0.25	0.018	
PC106	Soil	0.8	23.2	9.2	62	<0.1	72.5	19.2	488	3.73	7.4	0.8	2.9	11.3	26	<0.1	0.5	0.1	75	0.26	0.034	
PC107	Soil	0.7	19.7	8.5	56	<0.1	31.7	13.5	295	3.48	6.8	0.7	5.7	8.1	18	<0.1	0.4	0.1	69	0.19	0.016	
RC101	Soil	0.5	38.0	26.2	71	<0.1	40.2	21.5	953	4.35	9.0	0.7	1.6	2.3	113	0.1	0.6	0.2	87	4.35	0.069	
RC102	Soil	0.9	36.7	13.1	52	<0.1	26.1	15.2	389	2.80	5.7	0.4	1.5	1.3	14	0.2	0.3	0.2	77	0.26	0.053	
RC103	Soil	0.5	10.5	3.5	15	<0.1	4.2	2.2	73	1.03	2.1	0.2	1.8	<0.1	7	<0.1	0.2	<0.1	31	0.06	0.027	
RC104	Soil	0.8	33.9	8.0	59	0.1	20.3	13.8	331	3.36	8.0	0.7	7.3	1.9	20	0.1	0.4	0.1	86	0.31	0.067	
RC105	Soil	0.6	26.0	6.1	56	<0.1	20.5	11.6	301	2.95	6.2	0.5	1.9	1.6	20	0.1	0.3	0.1	71	0.34	0.072	
RC106	Soil	0.9	33.0	8.7	50	<0.1	18.6	9.4	310	2.88	8.0	0.8	3.6	0.9	18	0.1	0.4	0.1	73	0.24	0.068	
RC107	Soil	1.4	51.3	7.9	45	0.2	14.1	8.3	229	2.76	6.3	0.5	1.6	0.8	13	0.2	0.3	0.2	97	0.18	0.043	
RC108	Soil	0.7	42.8	8.3	54	<0.1	21.5	11.8	374	2.77	6.7	0.6	5.7	1.9	17	<0.1	0.3	0.1	74	0.29	0.048	
RC109	Soil	0.7	35.3	5.8	33	0.1	9.8	4.5	115	1.57	3.4	0.6	1.4	0.7	11	0.3	0.2	0.1	45	0.12	0.037	
RC110	Soil	0.7	36.3	6.6	54	<0.1	18.9	9.8	273	2.60	6.5	0.5	6.4	1.9	17	0.1	0.3	0.1	69	0.26	0.053	
RC111	Soil	0.6	40.7	7.9	59	<0.1	19.9	10.2	223	2.64	5.8	0.7	13.1	1.7	21	<0.1	0.2	0.1	74	0.35	0.066	
RC112	Soil	0.5	39.8	7.9	59	0.1	23.1	11.8	226	2.88	6.2	0.8	4.0	2.4	24	0.1	0.3	0.1	71	0.35	0.064	
RC113	Soil	0.6	34.0	7.0	57	<0.1	21.3	11.6	300	2.69	6.4	0.6	1.8	2.3	20	<0.1	0.3	0.1	69	0.33	0.065	
RC114	Soil	0.5	9.1	2.9	11	0.1	3.1	1.4	42	0.76	1.5	0.3	1.5	0.2	7	<0.1	0.1	<0.1	21	0.06	0.020	
RC115	Soil	0.7	23.0	6.1	40	<0.1	16.5	8.6	209	2.60	6.1	0.4	3.7	1.5	15	<0.1	0.2	0.1	69	0.18	0.034	
RC116	Soil	0.6	31.4	8.1	55	<0.1	19.4	9.9	216	2.52	5.4	0.7	0.9	1.7	22	<0.1	0.3	0.1	63	0.34	0.072	
RC117	Soil	0.7	45.7	7.6	65	<0.1	22.8	13.3	444	3.12	7.8	0.6	3.0	2.4	22	0.2	0.3	0.1	81	0.35	0.068	
RC118	Soil	0.6	39.2	17.7	49	<0.1	17.2	10.7	211	2.60	5.0	0.4	3.7	1.6	21	0.3	0.2	0.2	81	0.33	0.057	
RC119	Soil	0.7	68.1	21.3	68	0.2	22.6	13.5	367	3.15	5.9	0.7	2.7	1.6	28	0.1	0.3	0.2	88	0.42	0.067	
RC120	Soil	0.6	56.7	9.2	65	<0.1	21.9	13.1	318	2.84	5.1	0.7	4.2	2.0	23	0.1	0.2	0.1	79	0.39	0.071	
RC121	Soil	0.6	61.0	10.2	63	<0.1	21.5	13.3	326	2.83	5.4	0.7	1.8	1.9	23	0.2	0.2	0.1	77	0.37	0.066	
RC122	Soil	1.0	17.8	8.2	57	<0.1	16.2	10.5	381	3.16	7.8	0.4	1.2	1.6	16	0.2	0.3	0.1	86	0.24	0.051	
RC123	Soil	1.1	22.0	7.2	33	<0.1	9.3	5.2	177	2.04	5.0	0.4	1.7	0.7	13	0.2	0.3	0.2	69	0.12	0.036	
RK101	Soil	0.9	45.7	22.1	64	<0.1	30.6	16.8	460	3.15	6.7	0.6	1.3	2.1	21	0.1	0.3	0.2	74	0.34	0.068	
RK102	Soil	1.1	22.3	10.8	51	<0.1	25.4	13.9	340	3.44	10.2	0.5	0.9	2.9	16	0.2	0.4	0.1	77	0.17	0.033	
RK103	Soil	0.9	18.1	11.7	52	<0.1	23.3	10.4	282	3.07	8.3	0.4	0.9	1.5	14	0.2	0.5	0.2	77	0.18	0.035	
RK104	Soil	2.5	57.3	8.0	69	<0.1	15.9	10.9	244	4.18	10.7	0.7	3.7	3.1	21	<0.1	0.2	0.1	68	0.20	0.044	



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**Project:** WHITE  
**Report Date:** October 05, 2009

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## CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
PC105	Soil	27	47	0.71	212	0.117	<1	1.75	0.013	0.18	<0.1	0.02	3.8	0.1	<0.05	5	0.5
PC106	Soil	22	170	1.28	387	0.180	1	2.38	0.014	0.30	<0.1	0.02	4.5	0.3	<0.05	8	<0.5
PC107	Soil	12	63	0.86	204	0.174	<1	2.25	0.008	0.29	<0.1	<0.01	3.4	0.2	<0.05	7	<0.5
RC101	Soil	17	50	1.12	210	0.039	2	1.70	0.014	0.07	<0.1	0.04	9.6	<0.1	<0.05	5	<0.5
RC102	Soil	5	58	0.74	84	0.137	<1	1.55	0.015	0.13	<0.1	0.01	2.3	0.1	<0.05	6	<0.5
RC103	Soil	3	10	0.07	38	0.045	<1	0.52	0.015	0.02	<0.1	0.02	0.5	<0.1	<0.05	3	<0.5
RC104	Soil	9	30	0.86	190	0.077	2	2.24	0.013	0.11	0.1	0.03	4.7	<0.1	<0.05	6	0.6
RC105	Soil	8	29	0.84	142	0.096	2	1.80	0.014	0.08	0.1	0.01	3.0	<0.1	<0.05	6	<0.5
RC106	Soil	11	30	0.57	252	0.065	<1	1.89	0.011	0.07	<0.1	0.02	2.6	<0.1	<0.05	6	<0.5
RC107	Soil	5	22	0.47	111	0.106	1	1.46	0.016	0.10	0.1	0.04	2.5	<0.1	<0.05	7	0.7
RC108	Soil	9	29	0.66	151	0.095	<1	1.79	0.017	0.05	0.1	0.03	3.0	<0.1	<0.05	5	<0.5
RC109	Soil	6	17	0.28	96	0.060	<1	1.06	0.015	0.04	<0.1	0.02	1.6	<0.1	<0.05	4	0.5
RC110	Soil	8	25	0.56	145	0.096	1	1.64	0.014	0.06	0.2	0.03	2.7	<0.1	<0.05	5	0.6
RC111	Soil	9	31	0.71	183	0.089	1	1.93	0.015	0.07	0.1	0.05	3.6	<0.1	<0.05	6	<0.5
RC112	Soil	12	33	0.70	276	0.095	2	1.95	0.016	0.06	0.1	0.04	4.6	<0.1	<0.05	6	0.8
RC113	Soil	11	30	0.71	194	0.092	2	1.98	0.016	0.06	0.1	0.02	3.6	<0.1	<0.05	5	<0.5
RC114	Soil	2	7	0.07	30	0.035	<1	0.50	0.016	0.02	<0.1	0.04	0.7	<0.1	<0.05	2	<0.5
RC115	Soil	6	25	0.52	109	0.098	1	1.93	0.015	0.04	<0.1	0.01	2.6	<0.1	<0.05	6	0.5
RC116	Soil	10	32	0.70	179	0.084	<1	1.93	0.015	0.07	<0.1	0.05	3.2	<0.1	<0.05	6	<0.5
RC117	Soil	10	33	0.77	180	0.112	1	1.96	0.017	0.07	0.2	0.03	3.7	<0.1	<0.05	6	0.6
RC118	Soil	7	26	0.70	115	0.125	1	1.52	0.018	0.09	0.1	0.03	2.8	<0.1	<0.05	6	<0.5
RC119	Soil	10	34	0.84	226	0.117	<1	2.08	0.019	0.10	0.1	0.02	4.2	<0.1	<0.05	7	0.7
RC120	Soil	9	31	0.82	187	0.113	1	2.07	0.020	0.08	0.1	0.02	3.7	<0.1	<0.05	6	0.7
RC121	Soil	10	31	0.78	184	0.112	1	2.05	0.019	0.08	0.1	0.03	3.7	<0.1	<0.05	6	0.6
RC122	Soil	7	28	0.69	104	0.120	2	2.07	0.013	0.07	0.1	0.02	2.8	<0.1	<0.05	7	<0.5
RC123	Soil	6	19	0.31	72	0.088	<1	1.16	0.013	0.06	<0.1	0.04	1.7	<0.1	<0.05	6	<0.5
RK101	Soil	10	47	0.86	165	0.117	2	1.91	0.017	0.12	0.1	0.01	2.9	0.1	<0.05	6	<0.5
RK102	Soil	9	39	0.63	140	0.103	2	2.22	0.012	0.07	0.1	0.03	2.9	<0.1	<0.05	7	<0.5
RK103	Soil	6	45	0.57	130	0.093	1	1.92	0.012	0.05	0.1	0.03	2.2	<0.1	<0.05	7	<0.5
RK104	Soil	11	28	0.71	256	0.084	2	1.62	0.035	0.19	<0.1	0.02	4.0	0.1	0.22	5	3.9



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## CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
RK105	Soil	1.1	16.5	7.9	51	<0.1	18.8	10.5	297	3.42	9.6	0.4	8.1	1.3	15	0.2	0.4	0.2	79	0.20
RK106	Soil	0.7	36.1	5.2	46	0.1	20.0	10.2	307	2.64	6.5	0.6	2.1	1.7	19	<0.1	0.3	0.1	68	0.29
RK107	Soil	0.8	38.9	6.1	74	<0.1	18.4	14.9	580	4.19	6.4	0.5	0.9	1.4	17	0.2	0.3	0.1	123	0.32
RK108	Soil	0.5	5.4	2.2	11	<0.1	2.2	1.3	33	0.56	1.0	0.2	1.1	<0.1	6	<0.1	0.1	<0.1	22	0.04
RK109	Soil	0.5	13.5	2.7	14	<0.1	3.9	2.2	51	0.86	1.7	0.3	1.0	0.3	7	<0.1	0.1	<0.1	26	0.07
RK110	Soil	1.2	103.8	9.2	62	0.2	21.4	13.9	353	3.36	8.0	1.0	3.5	1.6	27	0.1	0.3	0.1	89	0.42
RK111	Soil	0.7	19.4	5.3	33	<0.1	9.8	5.1	179	1.69	4.0	0.4	2.6	0.3	18	<0.1	0.2	0.1	52	0.24
RK112	Soil	0.6	39.4	6.6	60	0.1	20.0	10.6	235	2.76	5.6	0.6	4.8	2.0	24	0.1	0.2	0.1	76	0.42
RK113	Soil	0.4	29.0	7.6	54	<0.1	17.5	8.3	166	2.15	4.5	0.6	1.6	1.8	21	0.1	0.3	0.1	64	0.34
RK114	Soil	0.7	35.0	7.7	51	<0.1	17.4	10.3	295	2.52	6.2	0.7	4.6	1.2	20	0.1	0.3	0.1	67	0.30
RK115	Soil	0.6	39.5	6.7	62	<0.1	21.7	11.1	318	2.88	5.8	0.7	3.3	2.2	25	<0.1	0.3	0.1	75	0.39
RK116	Soil	0.5	47.6	6.1	62	<0.1	20.6	13.1	380	3.06	5.4	0.7	1.7	2.5	27	<0.1	0.3	<0.1	85	0.40
RK117	Soil	0.9	38.0	9.5	59	0.1	18.9	9.0	230	2.73	6.2	0.7	3.0	2.1	25	0.1	0.4	0.2	72	0.27
RK118	Soil	0.6	32.8	8.7	58	<0.1	17.1	10.3	195	2.51	5.9	0.8	2.1	2.0	21	0.1	0.3	0.2	64	0.30
RK119	Soil	0.5	36.1	8.0	59	<0.1	17.4	9.8	217	2.44	5.1	0.7	2.8	2.3	24	0.1	0.3	0.1	69	0.35
RK120	Soil	1.0	62.9	7.3	56	0.2	13.7	15.1	582	2.62	5.8	0.8	2.3	1.4	23	0.2	0.3	0.2	75	0.32
RK121	Soil	0.9	62.8	7.1	60	0.2	15.5	14.3	500	2.63	5.6	0.8	2.1	1.5	22	<0.1	0.3	0.1	76	0.31
RK122	Soil	1.4	85.9	12.8	90	0.2	19.7	18.5	501	3.96	8.0	0.8	2.3	2.6	21	0.1	0.3	0.2	111	0.30
YH183	Soil	0.3	28.9	9.2	62	<0.1	43.1	22.9	605	3.77	2.5	0.9	0.7	7.7	26	<0.1	0.5	0.1	113	0.37
YH184	Soil	0.6	34.5	16.2	81	<0.1	39.9	20.0	453	4.36	6.2	0.9	0.7	8.1	29	<0.1	0.3	0.1	105	0.35
YH185	Soil	2.6	120.9	13.4	158	<0.1	62.8	23.1	867	4.77	26.2	0.7	1.3	5.5	27	<0.1	3.0	0.2	105	0.32
YH186	Soil	0.9	41.9	22.4	86	<0.1	61.5	11.2	271	3.27	34.8	0.8	1.6	3.8	14	<0.1	1.7	0.2	80	0.10
YH187	Soil	0.8	20.8	11.2	50	0.1	24.4	10.1	210	3.14	12.2	1.0	2.1	3.7	20	<0.1	0.6	0.2	68	0.22
YH188	Soil	1.1	16.2	38.9	91	<0.1	15.3	6.6	402	2.33	12.3	0.8	1.5	4.2	23	<0.1	1.1	0.4	43	0.10
YH189	Soil	0.9	17.4	22.0	46	<0.1	22.0	7.9	446	2.31	12.6	0.4	0.6	2.9	16	0.1	0.6	0.3	53	0.15
YH190	Soil	0.9	60.9	20.6	172	<0.1	38.7	19.4	964	5.18	27.5	1.4	1.9	3.6	30	<0.1	1.7	0.4	111	0.31
YH191	Soil	0.5	18.5	11.6	46	<0.1	20.8	8.7	216	2.45	9.4	0.6	2.4	3.2	24	<0.1	0.5	0.2	59	0.30
YH192	Soil	1.1	16.1	15.8	39	<0.1	15.1	7.6	239	2.78	11.7	0.5	2.2	3.0	16	0.1	0.8	0.4	62	0.13
YH193	Soil	0.6	20.0	25.4	35	<0.1	12.2	5.2	250	1.61	14.4	1.0	5.5	4.9	22	<0.1	0.7	0.2	36	0.17
YH194	Soil	0.6	12.1	26.8	24	<0.1	7.4	3.0	192	1.50	11.6	1.4	2.2	5.4	20	<0.1	2.1	0.1	13	0.17



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
RK105	Soil	8	29	0.58	130	0.101	1	1.79	0.012	0.08	<0.1	0.03	2.6	<0.1	<0.05	7	<0.5
RK106	Soil	8	29	0.68	171	0.106	1	1.69	0.018	0.09	0.1	0.02	2.7	<0.1	<0.05	5	<0.5
RK107	Soil	6	31	1.05	228	0.209	2	2.19	0.021	0.11	<0.1	0.04	3.4	<0.1	<0.05	9	0.6
RK108	Soil	2	6	0.05	30	0.033	<1	0.29	0.018	0.02	<0.1	0.02	0.5	<0.1	<0.05	2	<0.5
RK109	Soil	2	8	0.12	50	0.050	<1	0.52	0.022	0.03	<0.1	0.03	0.9	<0.1	<0.05	3	<0.5
RK110	Soil	13	34	0.77	258	0.105	2	2.34	0.020	0.09	0.2	0.04	4.9	0.1	<0.05	7	0.7
RK111	Soil	6	18	0.33	100	0.066	2	0.95	0.018	0.05	0.1	0.02	1.6	<0.1	<0.05	5	<0.5
RK112	Soil	9	30	0.80	179	0.117	1	1.90	0.018	0.09	0.2	0.03	3.6	<0.1	<0.05	6	<0.5
RK113	Soil	9	29	0.66	195	0.093	1	1.85	0.016	0.06	<0.1	0.05	3.5	<0.1	<0.05	6	0.7
RK114	Soil	11	31	0.59	169	0.080	2	1.99	0.014	0.06	<0.1	0.03	3.1	<0.1	<0.05	6	0.6
RK115	Soil	10	31	0.84	203	0.119	2	2.14	0.018	0.08	0.1	0.03	4.2	<0.1	<0.05	6	<0.5
RK116	Soil	10	32	0.96	271	0.136	1	2.15	0.018	0.15	0.1	0.02	4.6	0.1	<0.05	6	<0.5
RK117	Soil	9	33	0.74	194	0.120	2	2.24	0.019	0.08	0.1	0.04	4.8	<0.1	0.11	7	<0.5
RK118	Soil	11	31	0.71	171	0.099	1	1.93	0.018	0.06	0.2	0.03	4.1	<0.1	0.07	6	<0.5
RK119	Soil	9	30	0.73	171	0.110	2	1.67	0.021	0.07	0.1	0.04	4.3	<0.1	0.06	5	<0.5
RK120	Soil	8	27	0.67	188	0.104	1	1.57	0.023	0.12	0.1	0.04	4.8	<0.1	0.10	5	<0.5
RK121	Soil	9	27	0.70	193	0.112	1	1.62	0.021	0.13	<0.1	0.03	4.8	<0.1	0.09	5	<0.5
RK122	Soil	10	36	1.12	208	0.188	1	2.36	0.018	0.26	0.1	0.02	6.3	0.1	0.07	8	<0.5
YH183	Soil	15	125	2.14	808	0.204	<1	2.72	0.013	0.99	0.2	<0.01	7.5	0.3	<0.05	10	<0.5
YH184	Soil	15	65	2.03	564	0.194	1	2.61	0.015	0.65	<0.1	<0.01	5.2	0.3	<0.05	10	<0.5
YH185	Soil	23	90	0.55	1185	0.015	1	1.52	0.007	0.21	<0.1	0.07	20.4	0.1	<0.05	5	0.8
YH186	Soil	12	71	0.68	407	0.059	<1	1.95	0.010	0.06	0.1	0.03	5.8	0.1	<0.05	6	<0.5
YH187	Soil	13	38	0.51	463	0.062	<1	2.00	0.012	0.04	0.2	0.03	4.3	0.1	<0.05	6	<0.5
YH188	Soil	6	24	0.29	511	0.032	1	1.23	0.007	0.07	<0.1	0.04	2.3	<0.1	<0.05	4	<0.5
YH189	Soil	8	32	0.45	296	0.044	<1	1.65	0.013	0.07	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5
YH190	Soil	13	51	0.60	1307	0.033	<1	2.06	0.011	0.12	0.1	0.13	13.7	0.2	<0.05	6	0.6
YH191	Soil	12	31	0.51	576	0.055	<1	1.69	0.017	0.05	0.1	0.03	3.6	<0.1	<0.05	5	<0.5
YH192	Soil	9	30	0.39	425	0.035	<1	1.74	0.012	0.05	0.1	0.03	2.8	<0.1	<0.05	5	<0.5
YH193	Soil	12	22	0.30	725	0.029	<1	1.12	0.011	0.08	<0.1	0.02	2.8	<0.1	<0.05	3	<0.5
YH194	Soil	6	8	0.09	832	0.002	2	0.56	0.004	0.12	<0.1	0.07	2.0	<0.1	<0.05	1	<0.5



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
YH195	Soil	1.2	114.4	2.6	57	<0.1	16.9	20.8	692	5.45	3.7	0.7	1.4	1.4	20	<0.1	0.5	<0.1	133	0.36	0.074
YH196	Soil	2.6	101.8	5.8	96	<0.1	40.8	19.1	881	5.29	2.3	1.5	2.2	8.7	33	<0.1	0.7	0.1	124	0.55	0.085
YH197	Soil	0.2	161.8	16.3	67	<0.1	17.5	18.7	485	3.43	2.2	0.4	2.6	1.1	38	<0.1	0.2	0.1	108	0.59	0.052
YH198	Soil	0.5	163.2	4.6	70	<0.1	22.3	21.8	387	4.43	3.8	0.3	2.3	1.1	30	<0.1	0.3	<0.1	147	0.47	0.055
YH199	Soil	0.3	299.6	2.9	95	<0.1	22.1	29.6	540	5.94	1.6	0.3	7.0	1.1	35	<0.1	0.2	<0.1	176	0.48	0.075
YH200	Soil	1.3	21.8	12.2	41	<0.1	7.3	5.7	365	2.49	3.8	1.8	1.1	25.9	12	<0.1	0.4	0.8	22	0.10	0.021
YH201	Soil	1.3	22.1	11.7	43	<0.1	8.1	6.3	351	2.54	4.3	1.9	1.1	26.0	12	<0.1	0.4	0.8	23	0.10	0.019
YH202	Soil	1.0	36.6	11.6	43	<0.1	21.5	9.2	259	2.70	8.5	2.6	2.3	6.1	28	<0.1	0.6	0.2	60	0.28	0.024
YH203	Soil	1.7	54.9	10.0	39	<0.1	16.1	7.9	190	2.49	7.9	0.9	3.9	7.0	18	<0.1	0.9	0.3	51	0.16	0.013
YH204	Soil	11.2	339.2	54.3	54	<0.1	19.6	8.6	308	4.29	7.8	4.5	2.2	8.6	35	0.1	4.8	1.2	37	0.15	0.038
YH205	Soil	1.6	25.1	11.0	45	<0.1	19.2	10.1	219	3.11	8.1	0.9	3.4	6.5	30	<0.1	0.6	0.4	60	0.17	0.023
YH206	Soil	1.8	23.2	34.0	35	<0.1	15.0	8.8	171	2.83	5.4	1.7	1.8	9.1	52	<0.1	0.4	0.8	44	0.20	0.040
YH207	Soil	1.5	25.2	24.2	51	<0.1	16.2	13.6	260	3.69	7.9	1.9	0.9	7.0	66	<0.1	0.5	1.5	77	0.22	0.044
YH208	Soil	0.7	23.4	9.0	45	<0.1	19.7	9.6	250	2.65	9.2	0.8	4.9	4.6	24	<0.1	0.7	0.2	61	0.27	0.018
BBC101	Soil	0.8	22.5	13.4	68	0.1	19.9	10.9	558	3.48	16.4	2.3	3.0	5.5	31	0.3	1.3	0.2	78	0.29	0.065
BBC102	Soil	0.6	21.1	10.9	67	<0.1	22.6	11.8	645	3.29	10.8	2.4	2.9	7.8	25	0.2	1.0	0.2	66	0.30	0.076
BBC103	Soil	0.6	20.0	10.8	66	<0.1	20.3	10.1	346	3.20	11.7	2.1	4.0	5.6	23	0.2	0.9	0.2	71	0.31	0.076
BBC104	Soil	0.5	20.8	18.3	68	<0.1	18.6	10.2	483	3.07	5.8	2.3	2.8	8.3	31	<0.1	0.6	0.2	69	0.41	0.072
BBC105	Soil	0.9	15.4	8.7	49	<0.1	21.0	10.1	399	3.61	9.1	0.8	2.4	4.9	29	0.3	0.6	0.2	77	0.17	0.048
BBC106	Soil	0.6	13.0	10.7	65	<0.1	15.7	11.0	675	3.42	6.2	1.2	2.8	5.3	14	0.2	0.5	0.2	71	0.24	0.062
BBC107	Soil	0.7	17.4	9.7	59	<0.1	27.7	14.4	476	3.25	8.1	0.9	1.2	6.8	16	0.2	0.4	0.2	68	0.24	0.073
BBC108	Soil	0.3	21.6	9.5	66	<0.1	22.2	10.1	350	3.36	7.2	1.6	3.8	8.0	28	0.2	0.5	0.2	76	0.45	0.077
BBC109	Soil	0.6	14.6	9.0	66	<0.1	18.5	12.0	526	3.40	7.5	1.3	2.2	6.2	25	0.2	0.5	0.2	79	0.40	0.076
BBC110	Soil	0.3	19.1	51.5	76	0.2	18.9	9.1	337	3.04	6.1	1.9	4.0	7.9	23	0.2	0.6	0.1	72	0.39	0.071
BBC111	Soil	0.8	18.3	13.6	79	0.1	18.2	10.3	463	3.16	6.1	1.6	1.0	6.9	22	0.3	0.4	0.1	70	0.33	0.062
BBC112	Soil	0.4	12.7	10.7	60	<0.1	7.6	10.0	1007	3.10	2.6	1.1	<0.5	12.3	28	0.3	0.4	0.2	57	0.51	0.085
BBC113	Soil	0.7	16.3	11.2	62	<0.1	19.0	11.2	650	3.42	7.3	2.4	1.2	8.3	20	0.2	0.4	0.2	81	0.28	0.054
BBC114	Soil	0.8	12.3	8.7	49	0.1	12.3	7.4	282	2.95	4.7	2.3	1.0	3.7	23	<0.1	0.3	0.2	71	0.32	0.070
BBC115	Soil	0.8	9.7	10.2	77	<0.1	11.1	12.2	743	3.97	4.5	2.4	2.8	13.3	20	0.1	0.4	0.2	86	0.36	0.106
BBC116	Soil	0.7	16.2	8.6	64	<0.1	15.4	10.6	436	3.32	5.4	2.3	3.8	10.0	25	0.1	0.4	0.2	71	0.38	0.090





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**Project:** WHITE  
**Report Date:** October 05, 2009

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
YH195	Soil	8	17	0.45	576	0.025	<1	1.36	0.033	0.10	<0.1	0.08	13.6	<0.1	0.05	6	0.6
YH196	Soil	19	49	1.08	1552	0.150	<1	2.06	0.009	0.57	<0.1	0.04	17.3	0.4	<0.05	8	<0.5
YH197	Soil	5	18	1.15	695	0.161	<1	1.69	0.060	0.41	<0.1	0.01	5.8	0.2	<0.05	6	<0.5
YH198	Soil	4	18	1.41	586	0.197	<1	2.43	0.035	0.29	<0.1	0.01	6.3	<0.1	<0.05	9	<0.5
YH199	Soil	9	18	1.56	1739	0.163	<1	2.84	0.025	0.44	<0.1	<0.01	12.7	0.1	<0.05	9	<0.5
YH200	Soil	42	13	0.83	300	0.110	<1	1.51	0.010	0.49	0.3	0.02	4.3	0.4	<0.05	8	<0.5
YH201	Soil	40	14	0.84	291	0.108	<1	1.61	0.010	0.46	0.2	0.03	4.4	0.4	<0.05	8	<0.5
YH202	Soil	28	36	0.52	633	0.077	<1	1.89	0.019	0.05	0.1	0.03	6.5	<0.1	<0.05	5	0.6
YH203	Soil	13	28	0.45	390	0.061	<1	1.91	0.012	0.05	0.1	0.01	3.6	<0.1	<0.05	5	<0.5
YH204	Soil	19	20	0.17	434	0.007	<1	0.83	0.006	0.08	0.1	0.03	10.1	<0.1	0.06	2	4.0
YH205	Soil	17	33	0.49	381	0.071	1	1.69	0.024	0.11	0.1	0.01	3.9	<0.1	0.15	5	1.4
YH206	Soil	25	26	0.46	505	0.056	<1	1.38	0.040	0.16	0.1	0.03	5.8	0.1	0.29	4	2.6
YH207	Soil	26	28	0.76	401	0.138	<1	2.01	0.023	0.20	<0.1	0.01	5.5	0.2	0.20	8	1.0
YH208	Soil	16	35	0.47	612	0.067	<1	1.60	0.013	0.05	<0.1	0.03	5.4	<0.1	<0.05	4	<0.5
BBC101	Soil	17	35	0.70	180	0.121	<1	2.55	0.013	0.09	0.1	0.03	5.4	0.2	<0.05	8	<0.5
BBC102	Soil	18	31	0.70	197	0.084	<1	2.69	0.012	0.10	0.1	0.04	5.2	0.2	<0.05	7	<0.5
BBC103	Soil	16	34	0.62	156	0.107	1	2.48	0.015	0.09	0.2	0.03	5.0	0.2	0.06	8	<0.5
BBC104	Soil	34	29	0.72	208	0.108	<1	1.94	0.015	0.08	0.1	0.02	6.2	0.2	<0.05	7	0.7
BBC105	Soil	9	30	0.59	100	0.084	1	2.51	0.009	0.06	0.2	0.04	3.0	0.1	<0.05	8	<0.5
BBC106	Soil	11	26	0.70	130	0.094	1	2.32	0.011	0.09	<0.1	0.01	3.8	0.3	<0.05	8	<0.5
BBC107	Soil	11	35	0.67	169	0.098	1	3.23	0.013	0.09	0.3	0.03	3.8	0.2	<0.05	7	<0.5
BBC108	Soil	18	38	0.73	256	0.133	2	2.20	0.018	0.08	0.2	0.02	5.7	0.2	<0.05	7	<0.5
BBC109	Soil	12	34	0.74	175	0.118	2	2.40	0.014	0.08	0.2	0.03	3.9	0.2	<0.05	8	<0.5
BBC110	Soil	17	34	0.70	183	0.126	1	2.16	0.017	0.10	0.2	0.04	5.3	0.2	<0.05	7	<0.5
BBC111	Soil	14	32	0.70	186	0.112	1	2.44	0.011	0.10	0.1	0.03	4.0	0.2	<0.05	8	<0.5
BBC112	Soil	16	10	0.84	257	0.033	<1	2.79	0.010	0.25	<0.1	0.04	5.2	0.4	<0.05	9	<0.5
BBC113	Soil	22	30	0.65	187	0.091	1	2.30	0.010	0.07	<0.1	0.02	4.4	0.2	<0.05	8	<0.5
BBC114	Soil	22	22	0.51	188	0.102	1	1.83	0.014	0.10	0.2	0.03	3.1	0.3	<0.05	8	<0.5
BBC115	Soil	17	20	0.74	215	0.168	<1	2.37	0.012	0.23	0.2	0.03	4.2	0.4	<0.05	9	<0.5
BBC116	Soil	23	27	0.61	244	0.130	<1	2.00	0.015	0.14	0.2	0.02	4.5	0.2	<0.05	7	<0.5



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Project: WHITE  
Report Date: October 05, 2009

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## CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
BBC117	Soil		0.5	16.2	10.9	60	<0.1	17.7	8.6	245	3.04	6.0	1.8	5.3	5.8	18	0.1	0.4	0.2	77	0.25	0.062		
BBC118	Soil		0.8	10.9	11.2	83	<0.1	16.2	19.4	1632	4.22	6.8	1.5	0.5	12.8	16	0.2	0.6	0.2	88	0.26	0.089		
BBC119	Soil		1.3	13.8	11.9	52	<0.1	19.3	10.4	381	3.93	11.9	0.7	2.2	3.7	17	0.1	0.5	0.2	92	0.20	0.043		
BBC120	Soil		1.1	19.5	10.2	58	<0.1	29.3	12.9	329	3.62	10.8	0.8	3.9	6.3	14	0.1	0.5	0.2	89	0.15	0.028		
BBC121	Soil		0.8	21.1	9.3	57	<0.1	31.7	13.9	344	3.48	11.2	0.9	1.7	6.8	14	0.1	0.5	0.2	84	0.17	0.027		
BBC122	Soil		0.6	19.0	8.5	57	<0.1	22.0	11.4	500	3.17	8.0	3.4	1.8	11.3	25	0.1	0.4	0.1	72	0.28	0.053		
BBC123	Soil		0.9	14.3	9.6	52	<0.1	19.3	9.9	454	3.12	6.6	2.2	1.1	7.8	18	0.1	0.5	0.2	71	0.23	0.055		
BBC124	Soil		0.3	6.5	15.3	54	<0.1	4.3	8.2	488	2.41	4.0	1.6	<0.5	13.7	19	0.2	1.3	0.1	21	0.38	0.092		
BBC125	Soil		1.1	13.3	13.6	61	<0.1	16.8	12.2	837	3.88	10.4	0.8	1.9	5.0	14	0.2	0.4	0.2	79	0.19	0.048		
BBC126	Soil		0.7	13.0	8.4	51	<0.1	16.2	8.7	349	3.05	6.6	0.8	2.5	3.8	14	0.2	0.3	0.2	81	0.19	0.040		
BBC127	Soil		0.9	18.2	19.0	54	<0.1	16.9	11.2	581	3.14	5.6	1.4	<0.5	8.7	14	0.2	0.4	5.9	57	0.22	0.061		
BBC128	Soil		1.1	17.6	11.6	68	<0.1	18.3	12.7	858	3.28	7.3	3.2	3.5	11.6	27	0.1	0.8	0.3	66	0.38	0.078		
BBC129	Soil		1.6	18.7	18.1	45	0.5	14.6	6.1	200	3.04	6.6	2.8	1.4	6.9	15	0.3	0.4	0.4	64	0.14	0.045		
BBC130	Soil		1.7	13.0	13.1	46	0.4	14.0	6.0	216	2.48	9.4	1.7	1.8	5.6	27	0.1	0.4	0.3	61	0.33	0.025		
CC101	Soil		0.8	15.8	7.6	62	<0.1	23.5	11.3	398	3.22	7.3	0.4	1.0	3.0	22	0.1	0.4	0.1	84	0.29	0.039		
CC102	Soil		1.0	16.2	8.4	79	<0.1	23.6	15.1	589	3.97	6.9	0.6	2.1	5.4	31	<0.1	0.4	0.2	104	0.36	0.046		
CC103	Soil		0.5	14.0	8.2	94	<0.1	13.8	19.3	1393	5.35	5.8	1.7	1.0	13.2	35	<0.1	0.2	<0.1	131	0.54	0.103		
CC104	Soil		0.6	21.2	7.5	53	<0.1	25.5	11.3	360	3.61	9.8	0.8	5.9	6.0	25	<0.1	0.3	0.2	98	0.32	0.021		
CC105	Soil		0.6	19.3	8.8	69	<0.1	18.9	14.3	599	3.95	8.5	1.1	1.8	8.3	29	<0.1	0.4	0.1	102	0.46	0.067		
CC106	Soil		1.0	18.8	9.2	65	<0.1	24.2	13.6	567	3.86	9.3	0.5	<0.5	5.8	29	<0.1	0.4	0.2	101	0.37	0.041		
CC107	Soil		0.7	17.4	7.4	71	<0.1	23.9	14.9	617	4.20	9.5	0.7	<0.5	5.0	29	0.1	0.3	0.2	109	0.39	0.076		
CC108	Soil		0.5	17.9	7.1	60	<0.1	20.2	13.5	734	3.97	7.0	0.8	1.0	7.1	33	<0.1	0.4	0.1	101	0.44	0.049		
CC109	Soil		0.5	13.3	7.0	79	<0.1	15.4	16.2	965	4.62	4.6	0.9	<0.5	11.0	33	<0.1	0.2	0.4	122	0.46	0.098		
CC110	Soil		0.6	17.8	7.8	79	<0.1	19.8	17.5	1075	4.87	6.7	1.1	2.0	11.4	37	<0.1	0.3	<0.1	122	0.54	0.095		
CC111	Soil		0.3	22.5	6.4	74	<0.1	18.4	14.9	753	4.11	5.3	0.9	1.7	8.1	62	<0.1	0.3	<0.1	111	0.83	0.114		
CC112	Soil		0.9	14.9	8.3	109	<0.1	20.9	16.2	1711	4.52	6.3	0.6	0.7	6.5	46	0.3	0.3	0.2	114	0.54	0.160		
CC113	Soil		0.7	16.3	7.6	76	<0.1	21.9	15.8	665	4.14	7.1	1.0	1.1	9.5	31	<0.1	0.3	0.1	104	0.56	0.083		
CC114	Soil		0.5	13.9	6.5	64	<0.1	16.2	14.2	604	3.81	5.7	0.9	0.6	7.4	29	<0.1	0.3	<0.1	103	0.41	0.049		
CC115	Soil		1.0	18.9	7.1	122	<0.1	22.8	13.0	875	3.12	6.1	0.4	<0.5	2.6	42	0.2	0.4	0.1	78	0.80	0.082		
CC116	Soil		0.8	18.9	7.3	74	<0.1	25.9	15.4	669	3.84	8.2	0.7	1.1	6.3	27	<0.1	0.4	0.1	99	0.39	0.045		



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
BBC117	Soil	16	31	0.59	201	0.105	<1	2.52	0.011	0.07	0.1	0.04	3.9	0.2	<0.05	8	<0.5
BBC118	Soil	22	27	0.73	177	0.140	<1	2.21	0.013	0.21	0.4	0.02	5.1	0.3	<0.05	11	<0.5
BBC119	Soil	9	37	0.52	88	0.112	1	2.52	0.011	0.06	0.1	0.03	3.1	<0.1	<0.05	10	<0.5
BBC120	Soil	11	41	0.65	150	0.127	1	3.15	0.011	0.06	0.1	0.02	4.3	0.2	<0.05	9	<0.5
BBC121	Soil	11	43	0.69	160	0.132	<1	3.22	0.012	0.06	0.1	0.02	4.6	0.2	<0.05	8	<0.5
BBC122	Soil	18	34	0.66	167	0.114	1	2.50	0.013	0.08	0.1	0.02	4.6	0.3	<0.05	7	0.6
BBC123	Soil	18	29	0.55	158	0.089	1	2.20	0.012	0.08	0.2	0.02	4.0	0.2	<0.05	7	0.6
BBC124	Soil	31	5	0.55	368	0.003	1	1.28	0.008	0.15	0.1	<0.01	3.5	0.1	<0.05	4	<0.5
BBC125	Soil	11	28	0.53	118	0.063	1	2.46	0.009	0.06	<0.1	0.04	3.7	0.1	<0.05	9	<0.5
BBC126	Soil	10	27	0.58	105	0.129	<1	1.95	0.011	0.07	0.2	0.02	3.3	0.1	<0.05	8	<0.5
BBC127	Soil	19	24	0.61	204	0.050	1	2.91	0.011	0.11	0.2	0.02	4.3	0.3	<0.05	7	<0.5
BBC128	Soil	21	31	0.59	240	0.052	<1	2.63	0.015	0.10	0.2	0.03	4.8	0.3	<0.05	7	<0.5
BBC129	Soil	22	27	0.36	171	0.061	<1	2.58	0.013	0.06	0.1	0.04	3.6	0.2	<0.05	8	<0.5
BBC130	Soil	15	25	0.45	211	0.068	2	1.98	0.014	0.06	0.1	0.04	3.5	0.2	<0.05	7	<0.5
CC101	Soil	7	42	0.69	245	0.132	<1	2.45	0.020	0.08	<0.1	<0.01	3.5	0.1	<0.05	7	<0.5
CC102	Soil	8	40	0.85	340	0.160	<1	2.97	0.018	0.18	<0.1	<0.01	4.5	0.2	<0.05	8	<0.5
CC103	Soil	20	20	1.58	468	0.170	1	3.55	0.030	0.50	0.1	0.01	13.4	0.3	<0.05	13	<0.5
CC104	Soil	10	47	0.76	213	0.148	<1	2.71	0.019	0.11	<0.1	<0.01	6.2	<0.1	<0.05	7	<0.5
CC105	Soil	10	34	0.99	289	0.190	<1	2.77	0.023	0.26	<0.1	0.01	6.5	0.2	<0.05	9	<0.5
CC106	Soil	7	41	0.94	318	0.185	2	3.38	0.021	0.11	<0.1	<0.01	4.2	0.1	<0.05	9	<0.5
CC107	Soil	8	38	1.08	390	0.196	1	3.19	0.021	0.41	<0.1	0.01	7.1	0.2	<0.05	9	<0.5
CC108	Soil	15	33	1.02	359	0.143	2	2.73	0.031	0.32	<0.1	<0.01	8.1	0.2	<0.05	8	<0.5
CC109	Soil	11	23	1.34	505	0.211	<1	3.18	0.033	0.62	<0.1	<0.01	8.8	0.4	<0.05	10	<0.5
CC110	Soil	17	33	1.45	361	0.196	1	3.21	0.021	0.37	0.2	<0.01	11.9	0.2	<0.05	10	0.5
CC111	Soil	16	27	1.24	357	0.241	1	2.41	0.022	0.35	0.1	0.02	7.7	0.2	<0.05	9	<0.5
CC112	Soil	6	30	1.14	530	0.190	1	3.20	0.017	0.33	<0.1	0.01	6.2	0.2	<0.05	10	<0.5
CC113	Soil	13	35	1.03	389	0.186	3	2.94	0.014	0.31	<0.1	0.01	5.9	0.3	<0.05	9	<0.5
CC114	Soil	11	27	1.05	334	0.204	2	2.76	0.023	0.49	<0.1	<0.01	7.3	0.3	<0.05	8	<0.5
CC115	Soil	7	35	0.64	367	0.102	4	2.07	0.021	0.20	<0.1	<0.01	3.1	<0.1	<0.05	6	<0.5
CC116	Soil	11	41	0.87	352	0.176	<1	2.76	0.016	0.25	<0.1	0.02	5.7	0.2	<0.05	8	<0.5



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## CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
CC117	Soil	0.3	10.1	11.0	57	<0.1	9.0	12.9	1333	3.39	1.9	0.8	1.0	14.3	24	<0.1	0.2	<0.1	90	0.49	0.070
CC118	Soil	0.9	25.4	14.3	69	<0.1	26.1	11.8	505	3.03	6.9	0.6	1.1	6.9	34	0.1	0.4	0.1	76	0.69	0.028
CC119	Soil	0.2	12.0	12.2	74	0.2	6.0	13.9	1092	3.96	4.1	1.3	1.6	6.2	70	0.2	0.3	0.1	102	4.55	0.110
CC120	Soil	1.2	14.9	10.2	114	<0.1	21.8	11.8	788	2.83	4.8	0.4	1.1	2.4	29	0.2	0.3	0.1	70	0.51	0.039
CC121	Soil	1.0	14.0	10.1	111	<0.1	20.5	11.5	716	2.81	4.7	0.3	<0.5	2.0	26	0.3	0.4	0.1	69	0.45	0.036
CC122	Soil	0.7	21.9	7.1	82	<0.1	26.7	16.7	739	4.10	8.4	0.8	1.1	4.5	26	<0.1	0.4	0.1	108	0.36	0.036
CC123	Soil	0.9	18.2	8.6	86	<0.1	21.7	17.0	795	4.38	6.6	0.7	1.4	7.1	32	<0.1	0.4	0.1	114	0.47	0.041
CC124	Soil	1.1	18.8	8.9	95	<0.1	22.4	18.4	891	4.98	6.2	1.0	1.7	11.1	32	<0.1	0.4	0.4	123	0.52	0.061
BBH101	Soil	0.7	17.4	10.2	50	<0.1	22.8	9.8	416	2.92	5.8	1.8	1.2	6.4	26	<0.1	0.3	0.3	69	0.36	0.046
BBH102	Soil	0.6	34.8	9.6	74	<0.1	28.4	14.4	705	3.57	7.5	1.2	2.7	7.4	39	<0.1	0.6	0.2	79	0.57	0.079
BBH103	Soil	0.8	24.4	8.9	52	<0.1	23.1	10.4	333	2.96	6.7	1.2	1.2	5.0	26	0.1	0.3	0.3	72	0.39	0.064
BBH104	Soil	1.2	17.5	10.2	45	<0.1	14.8	9.1	396	2.89	5.9	0.8	1.5	0.9	24	0.3	0.7	0.3	63	0.33	0.066
BBH105	Soil	1.1	24.5	10.1	60	<0.1	27.3	15.4	518	3.41	8.1	1.3	2.3	8.3	22	0.2	0.4	0.3	74	0.31	0.050
BBH106	Soil	1.3	28.2	10.3	73	<0.1	21.9	15.0	850	3.94	5.5	2.1	2.4	14.2	25	<0.1	0.5	9.6	87	0.37	0.054
BBH107	Soil	2.6	43.6	12.1	61	0.3	29.2	12.6	566	3.44	9.7	3.9	6.3	11.9	26	<0.1	1.0	0.5	81	0.33	0.034
BBH108	Soil	7.8	54.8	39.5	102	0.6	19.0	13.3	903	3.81	70.9	2.5	5.4	16.0	18	0.6	6.9	2.6	70	0.24	0.042
BBH109	Soil	2.4	22.1	11.2	61	0.3	26.0	13.1	519	3.40	10.7	2.2	5.0	11.4	21	<0.1	0.9	0.5	68	0.28	0.031
BBH110	Soil	1.9	21.6	14.1	66	0.1	23.1	15.4	705	3.58	9.2	2.3	1.7	14.1	17	0.1	0.6	1.8	67	0.25	0.057
BBH111	Soil	4.0	13.3	12.0	89	<0.1	13.7	14.5	1138	3.90	5.1	2.0	<0.5	16.8	11	0.2	1.3	3.2	66	0.16	0.066



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## CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
CC117	Soil	26	13	1.09	426	0.064	1	2.24	0.016	0.47	<0.1	<0.01	11.8	0.3	<0.05	7	<0.5
CC118	Soil	14	42	0.59	233	0.103	2	2.13	0.019	0.15	<0.1	0.02	5.8	<0.1	<0.05	6	<0.5
CC119	Soil	22	11	1.19	511	0.102	2	2.08	0.011	0.60	<0.1	0.03	7.8	0.3	<0.05	8	0.5
CC120	Soil	7	32	0.49	269	0.070	1	1.87	0.024	0.09	<0.1	<0.01	2.4	<0.1	<0.05	6	<0.5
CC121	Soil	7	30	0.49	249	0.067	2	1.78	0.016	0.08	<0.1	0.01	2.3	0.1	<0.05	6	<0.5
CC122	Soil	9	39	1.10	365	0.183	1	2.73	0.023	0.33	<0.1	<0.01	9.1	0.2	<0.05	8	<0.5
CC123	Soil	14	33	1.08	467	0.243	1	3.13	0.017	0.48	0.1	0.01	7.0	0.3	<0.05	9	<0.5
CC124	Soil	16	33	1.19	460	0.284	1	3.29	0.020	0.57	0.1	<0.01	9.2	0.3	<0.05	10	<0.5
BBH101	Soil	18	36	0.64	231	0.084	2	2.00	0.011	0.07	<0.1	0.02	4.3	0.1	<0.05	7	<0.5
BBH102	Soil	20	43	0.73	266	0.105	<1	2.14	0.019	0.08	0.2	0.04	7.3	0.1	<0.05	6	<0.5
BBH103	Soil	17	38	0.63	188	0.096	1	2.37	0.016	0.06	0.4	0.01	5.3	<0.1	<0.05	7	<0.5
BBH104	Soil	10	25	0.34	123	0.043	2	1.83	0.010	0.05	0.1	0.02	2.2	0.1	<0.05	7	<0.5
BBH105	Soil	18	42	0.66	220	0.103	2	2.80	0.013	0.07	0.2	0.03	5.6	0.2	<0.05	7	<0.5
BBH106	Soil	34	37	0.89	279	0.138	<1	2.71	0.013	0.12	0.8	0.02	9.2	0.4	<0.05	9	<0.5
BBH107	Soil	31	42	0.69	320	0.100	1	2.59	0.014	0.07	1.1	0.05	8.7	0.2	<0.05	7	0.5
BBH108	Soil	20	29	0.69	204	0.084	<1	2.49	0.011	0.12	0.3	0.02	5.8	0.2	<0.05	7	<0.5
BBH109	Soil	17	33	0.65	243	0.085	1	2.42	0.014	0.09	0.3	0.04	4.8	0.2	<0.05	7	<0.5
BBH110	Soil	24	32	0.58	215	0.061	1	2.56	0.012	0.09	1.0	0.03	6.1	0.2	<0.05	6	<0.5
BBH111	Soil	12	20	0.69	205	0.065	<1	2.99	0.009	0.19	0.8	0.01	6.4	0.5	<0.05	9	<0.5



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## QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																				
YC229	Soil	1.0	14.8	13.4	52	<0.1	19.0	9.0	431	2.53	8.0	0.4	1.7	2.9	21	0.1	0.6	0.2	61	0.25
REP YC229	QC	1.1	14.7	9.1	54	<0.1	19.0	8.8	438	2.57	8.0	0.4	2.0	2.8	20	0.2	0.6	0.2	61	0.26
YC245	Soil	1.1	13.7	18.2	58	<0.1	18.2	11.2	552	3.09	6.2	0.5	1.2	4.2	24	0.1	0.5	0.2	70	0.39
REP YC245	QC	1.0	13.5	18.5	58	<0.1	18.7	11.1	544	3.05	6.2	0.6	0.5	4.3	24	0.1	0.5	0.2	69	0.37
RC121	Soil	0.6	61.0	10.2	63	<0.1	21.5	13.3	326	2.83	5.4	0.7	1.8	1.9	23	0.2	0.2	0.1	77	0.37
REP RC121	QC	0.7	60.0	9.5	61	<0.1	21.3	13.2	324	2.84	5.4	0.7	2.9	1.7	23	0.1	0.3	0.1	78	0.37
RK113	Soil	0.4	29.0	7.6	54	<0.1	17.5	8.3	166	2.15	4.5	0.6	1.6	1.8	21	0.1	0.3	0.1	64	0.34
REP RK113	QC	0.4	29.8	8.3	57	<0.1	18.3	8.6	171	2.19	4.6	0.7	3.5	1.8	22	0.2	0.3	0.1	65	0.35
YH183	Soil	0.3	28.9	9.2	62	<0.1	43.1	22.9	605	3.77	2.5	0.9	0.7	7.7	26	<0.1	0.5	0.1	113	0.37
REP YH183	QC	0.2	28.6	9.4	63	<0.1	44.5	23.7	617	3.95	2.4	0.9	1.2	7.5	25	<0.1	0.6	0.1	110	0.35
YH201	Soil	1.3	22.1	11.7	43	<0.1	8.1	6.3	351	2.54	4.3	1.9	1.1	26.0	12	<0.1	0.4	0.8	23	0.10
REP YH201	QC	1.4	22.8	12.1	42	<0.1	8.6	6.0	367	2.53	4.3	1.7	1.0	25.5	13	<0.1	0.4	0.7	25	0.10
BBC116	Soil	0.7	16.2	8.6	64	<0.1	15.4	10.6	436	3.32	5.4	2.3	3.8	10.0	25	0.1	0.4	0.2	71	0.38
REP BBC116	QC	0.7	16.8	8.7	67	<0.1	15.8	11.1	457	3.32	5.7	2.4	1.3	10.4	26	0.2	0.4	0.2	71	0.38
BBC123	Soil	0.9	14.3	9.6	52	<0.1	19.3	9.9	454	3.12	6.6	2.2	1.1	7.8	18	0.1	0.5	0.2	71	0.23
REP BBC123	QC	1.0	14.8	9.4	54	<0.1	19.2	10.1	484	3.18	6.8	2.2	1.2	7.6	19	0.2	0.4	0.2	75	0.25
CC114	Soil	0.5	13.9	6.5	64	<0.1	16.2	14.2	604	3.81	5.7	0.9	0.6	7.4	29	<0.1	0.3	<0.1	103	0.41
REP CC114	QC	0.5	14.2	7.0	63	<0.1	15.9	14.2	591	3.83	5.3	1.0	1.4	7.1	29	<0.1	0.3	<0.1	102	0.43
BBH103	Soil	0.8	24.4	8.9	52	<0.1	23.1	10.4	333	2.96	6.7	1.2	1.2	5.0	26	0.1	0.3	0.3	72	0.39
REP BBH103	QC	0.7	25.5	8.8	52	<0.1	24.5	10.4	347	3.12	6.6	1.2	4.9	5.2	28	<0.1	0.4	0.3	73	0.39
Reference Materials																				
STD DS7	Standard	20.4	122.5	76.2	402	0.8	55.0	9.7	629	2.33	52.4	5.4	68.3	4.7	75	6.8	6.5	5.2	85	0.96
STD DS7	Standard	21.5	110.1	71.9	387	0.9	60.1	10.1	629	2.47	48.6	4.9	81.3	4.7	68	6.1	5.5	4.4	89	0.97
STD DS7	Standard	21.6	119.4	72.6	409	0.8	59.4	10.2	658	2.50	52.9	5.2	63.6	4.8	77	6.7	6.1	5.0	87	0.99
STD DS7	Standard	21.7	104.9	70.7	385	0.8	56.8	9.9	645	2.50	49.3	4.7	62.1	4.6	79	5.9	5.1	4.2	86	1.01
STD DS7	Standard	21.4	111.4	70.3	418	0.8	61.8	10.4	685	2.62	53.5	5.1	71.9	4.9	76	6.4	5.2	4.3	95	1.04
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01



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## QUALITY CONTROL REPORT

VAN09004467.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
YC229	Soil	9	33	0.47	505	0.058	<1	1.63	0.008	0.05	0.1	0.02	2.6	<0.1	<0.05	5	<0.5
REP YC229	QC	10	33	0.47	512	0.061	<1	1.63	0.008	0.05	0.1	<0.01	2.6	<0.1	<0.05	5	<0.5
YC245	Soil	15	32	0.56	305	0.085	1	1.76	0.012	0.26	<0.1	<0.01	5.2	<0.1	<0.05	5	<0.5
REP YC245	QC	15	32	0.54	305	0.085	2	1.67	0.012	0.25	0.1	<0.01	5.1	<0.1	<0.05	5	<0.5
RC121	Soil	10	31	0.78	184	0.112	1	2.05	0.019	0.08	0.1	0.03	3.7	<0.1	<0.05	6	0.6
REP RC121	QC	10	31	0.79	182	0.112	2	2.05	0.017	0.07	0.1	0.02	3.7	0.1	<0.05	6	0.6
RK113	Soil	9	29	0.66	195	0.093	1	1.85	0.016	0.06	<0.1	0.05	3.5	<0.1	<0.05	6	0.7
REP RK113	QC	10	30	0.65	201	0.096	2	1.87	0.017	0.06	<0.1	0.04	3.5	<0.1	<0.05	6	<0.5
YH183	Soil	15	125	2.14	808	0.204	<1	2.72	0.013	0.99	0.2	<0.01	7.5	0.3	<0.05	10	<0.5
REP YH183	QC	15	126	2.22	805	0.204	<1	2.61	0.012	1.00	0.1	<0.01	7.1	0.3	<0.05	10	<0.5
YH201	Soil	40	14	0.84	291	0.108	<1	1.61	0.010	0.46	0.2	0.03	4.4	0.4	<0.05	8	<0.5
REP YH201	QC	40	15	0.78	289	0.113	<1	1.56	0.017	0.46	0.3	0.02	4.5	0.4	<0.05	7	<0.5
BBC116	Soil	23	27	0.61	244	0.130	<1	2.00	0.015	0.14	0.2	0.02	4.5	0.2	<0.05	7	<0.5
REP BBC116	QC	23	28	0.61	242	0.134	<1	2.06	0.015	0.13	0.2	0.03	4.7	0.3	<0.05	7	<0.5
BBC123	Soil	18	29	0.55	158	0.089	1	2.20	0.012	0.08	0.2	0.02	4.0	0.2	<0.05	7	0.6
REP BBC123	QC	19	29	0.56	166	0.093	2	2.33	0.013	0.08	0.2	0.03	4.1	0.2	<0.05	7	<0.5
CC114	Soil	11	27	1.05	334	0.204	2	2.76	0.023	0.49	<0.1	<0.01	7.3	0.3	<0.05	8	<0.5
REP CC114	QC	11	27	1.04	328	0.203	<1	2.67	0.022	0.52	0.1	<0.01	7.1	0.3	<0.05	8	<0.5
BBH103	Soil	17	38	0.63	188	0.096	1	2.37	0.016	0.06	0.4	0.01	5.3	<0.1	<0.05	7	<0.5
REP BBH103	QC	17	39	0.64	184	0.098	1	2.36	0.012	0.06	0.4	0.02	5.3	0.1	<0.05	7	<0.5
Reference Materials																	
STD DS7	Standard	14	194	0.97	393	0.133	39	1.03	0.104	0.46	3.7	0.20	2.9	4.1	0.23	5	3.0
STD DS7	Standard	13	236	1.02	400	0.120	34	1.02	0.096	0.44	3.7	0.19	2.4	4.2	0.20	5	3.0
STD DS7	Standard	14	233	1.09	428	0.133	43	1.11	0.103	0.47	4.0	0.20	2.5	4.3	0.20	5	3.5
STD DS7	Standard	13	230	1.05	398	0.128	38	1.07	0.104	0.48	3.6	0.19	2.5	4.0	0.21	5	3.1
STD DS7	Standard	13	248	1.07	409	0.134	40	1.11	0.115	0.50	3.9	0.19	2.5	4.3	0.20	5	4.0
STD DS7 Expected		12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5



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Project: WHITE

Report Date: October 05, 2009

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## QUALITY CONTROL REPORT

VAN09004467.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001





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**Project:** WHITE

**Report Date:** October 05, 2009

**Page:** 2 of 2 **Part** 2

## QUALITY CONTROL REPORT

VAN09004467.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5