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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: August 10, 2009  
Report Date: August 19, 2009  
Page: 1 of 11

## CERTIFICATE OF ANALYSIS

VAN09003526.1

### CLIENT JOB INFORMATION

Project: WHT  
Shipment ID:  
P.O. Number  
Number of Samples: 300

### 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	300	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	300	Dry at 60C			VAN
1DX15	300	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 11 Part 1

## CERTIFICATE OF ANALYSIS

VAN09003526.1

	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 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
WHT-49368	Soil	3.8	135.3	8.2	242	0.7	41.7	6.1	197	5.00	3.1	4.3	5.1	13.0	51	0.7	0.1	0.2	70	0.25
WHT-49369	Soil	3.6	131.9	7.9	226	0.7	39.0	6.1	205	4.97	2.8	4.1	5.5	11.7	48	0.6	0.1	0.2	80	0.32
WHT-49398	Soil	1.5	10.5	5.9	57	<0.1	17.9	21.9	920	2.66	4.2	0.9	1.1	3.9	27	0.1	0.2	0.1	67	0.46
WHT-49399	Soil	0.8	11.1	5.5	57	<0.1	18.3	8.8	311	2.58	3.8	0.9	0.9	3.6	25	<0.1	0.2	0.2	60	0.41
WHT-49422	Soil	1.4	61.8	9.1	87	0.4	37.2	11.9	337	2.98	14.4	1.4	13.5	5.8	40	0.2	0.8	0.1	60	0.84
WHT-49429	Soil	1.8	46.3	7.5	109	0.4	53.8	15.6	502	3.89	16.1	0.8	3.1	4.0	31	0.3	2.4	0.1	70	0.43
WHT-49466	Soil	0.2	40.3	2.8	28	<0.1	34.4	12.0	367	1.47	2.7	0.3	6.4	0.9	24	0.1	0.2	<0.1	40	0.78
WHT-49477	Soil	0.3	34.5	3.3	32	<0.1	37.0	10.6	230	1.93	4.9	0.3	0.7	1.3	17	<0.1	0.3	<0.1	54	0.28
WHT-49481	Soil	<0.1	78.9	1.6	44	<0.1	35.5	15.0	266	2.28	2.3	0.2	<0.5	0.5	17	<0.1	0.1	<0.1	54	0.43
WHT-49484	Soil	1.0	13.7	8.2	52	<0.1	18.7	9.4	473	3.32	4.6	2.1	0.9	17.4	22	<0.1	0.2	0.3	39	0.28
WHT-49487	Soil	1.1	25.0	9.2	46	<0.1	17.0	8.5	452	2.95	6.0	2.0	0.8	12.5	25	<0.1	0.3	0.4	42	0.28
WHT-49488	Soil	1.6	17.7	7.4	53	<0.1	10.9	7.0	566	3.24	3.9	2.1	<0.5	10.2	20	<0.1	0.3	0.3	39	0.27
WHT-49489	Soil	1.2	16.2	6.9	55	<0.1	14.9	8.3	413	3.22	6.1	1.5	2.4	10.0	21	<0.1	0.3	0.2	43	0.25
WHT-49498	Soil	0.4	63.1	3.8	49	<0.1	90.7	18.1	319	2.07	4.0	0.4	3.6	0.9	27	0.1	0.3	<0.1	52	0.82
WHT-49508	Soil	0.4	103.3	4.1	48	<0.1	34.1	14.6	344	3.11	2.1	0.2	10.3	0.6	16	<0.1	0.2	<0.1	100	0.38
WHT-49510	Soil	0.8	42.6	6.9	55	<0.1	21.9	12.9	356	3.31	5.6	0.3	<0.5	1.6	20	<0.1	0.3	<0.1	91	0.35
WHT-49513	Soil	0.7	15.4	9.0	67	<0.1	13.6	7.3	544	2.53	6.4	0.6	16.5	4.6	26	0.2	0.4	0.1	46	0.35
WHT-49518	Soil	5.0	42.2	9.2	138	0.5	99.2	11.9	365	3.98	40.1	0.8	3.2	2.7	16	0.7	1.1	0.2	94	0.09
WHT-49519	Soil	2.1	44.1	7.0	126	0.2	53.8	10.6	286	2.90	24.4	1.6	2.8	3.8	32	0.6	1.1	0.1	70	0.52
WHT-49520	Soil	3.2	37.7	7.2	133	0.3	32.8	10.0	241	3.35	18.6	1.1	2.6	3.8	37	0.4	1.0	0.1	77	0.51
WHT-49521	Soil	1.3	30.8	4.9	68	<0.1	37.0	10.3	222	2.15	10.6	1.1	4.0	2.8	29	0.2	0.9	<0.1	48	0.42
WHT-49522	Soil	1.3	29.0	5.9	59	0.1	31.1	10.4	321	2.40	13.0	1.5	5.7	2.5	37	0.1	0.8	<0.1	55	0.58
WHT-49524	Soil	6.0	106.2	7.5	295	0.3	104.0	16.9	256	4.88	48.4	4.0	4.2	10.6	62	0.6	1.5	0.2	107	0.36
WHT-49526	Soil	3.4	61.2	9.5	161	0.1	70.2	12.8	373	4.01	12.9	1.6	1.0	5.1	33	0.8	2.9	0.2	66	0.39
WHT-49527	Soil	3.3	72.0	9.3	161	0.3	51.8	6.7	196	3.49	6.2	2.9	1.8	8.1	59	0.6	0.9	0.2	75	0.53
WHT-49529	Soil	5.1	97.8	8.8	155	0.4	49.5	8.1	232	4.27	15.0	3.0	6.7	11.5	55	0.6	0.5	0.3	66	0.27
WHT-49531	Soil	4.1	89.9	7.6	130	0.4	44.2	10.3	277	4.94	5.2	2.5	6.0	11.6	59	0.5	0.3	0.2	103	0.40
WHT-49532	Soil	3.8	115.1	6.0	239	0.3	88.7	15.6	243	3.87	5.4	3.1	10.3	9.8	24	1.0	1.0	0.2	78	0.41
WHT-49541	Soil	2.2	32.0	6.5	87	0.3	36.5	9.8	294	2.95	5.3	0.9	3.2	2.7	28	0.4	0.4	0.1	75	0.45
WHT-49542	Soil	2.4	53.7	10.4	89	0.2	32.4	14.1	328	3.77	7.9	1.0	1.3	3.8	24	0.3	0.6	0.2	74	0.19



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Project: WHT  
Report Date: August 19, 2009

Page: 2 of 11 Part 2

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VAN09003526.1

	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
WHT-49368	Soil	36	37	0.84	468	0.102	1	1.29	0.031	0.69	<0.1	0.01	3.6	0.5	0.48	4	5.5
WHT-49369	Soil	33	44	0.95	469	0.111	<1	1.40	0.030	0.73	<0.1	<0.01	4.3	0.6	0.42	5	4.3
WHT-49398	Soil	13	34	0.77	190	0.128	1	1.78	0.017	0.08	0.2	0.02	3.4	<0.1	<0.05	6	<0.5
WHT-49399	Soil	12	36	0.76	182	0.109	1	1.83	0.025	0.06	0.2	0.02	3.6	<0.1	<0.05	7	<0.5
WHT-49422	Soil	18	32	0.66	279	0.079	2	1.41	0.023	0.21	0.1	0.04	4.7	0.2	<0.05	4	0.9
WHT-49429	Soil	15	53	0.60	851	0.114	1	1.78	0.015	0.38	0.2	0.02	5.9	0.2	<0.05	6	0.9
WHT-49466	Soil	5	62	0.85	100	0.040	1	1.25	0.018	0.03	0.1	0.03	3.7	<0.1	<0.05	3	<0.5
WHT-49477	Soil	5	67	1.01	139	0.079	1	1.62	0.018	0.04	<0.1	0.01	3.5	<0.1	<0.05	4	<0.5
WHT-49481	Soil	4	66	1.42	320	0.156	<1	1.69	0.017	0.32	<0.1	<0.01	3.1	0.2	<0.05	4	<0.5
WHT-49484	Soil	16	31	0.81	319	0.157	<1	2.06	0.008	0.62	0.2	<0.01	2.9	0.5	<0.05	7	<0.5
WHT-49487	Soil	34	26	0.62	345	0.107	<1	1.71	0.016	0.29	0.1	0.01	4.9	0.2	<0.05	6	<0.5
WHT-49488	Soil	19	17	0.52	311	0.121	<1	1.59	0.015	0.50	0.4	<0.01	3.4	0.3	<0.05	7	<0.5
WHT-49489	Soil	15	23	0.64	264	0.123	1	1.75	0.018	0.45	0.1	<0.01	3.6	0.3	<0.05	7	<0.5
WHT-49498	Soil	6	94	1.04	144	0.054	<1	1.37	0.024	0.04	0.1	0.04	3.9	<0.1	0.05	4	<0.5
WHT-49508	Soil	3	81	1.39	321	0.089	<1	1.95	0.023	0.14	<0.1	<0.01	6.8	<0.1	<0.05	6	<0.5
WHT-49510	Soil	6	44	1.00	321	0.138	2	2.01	0.021	0.21	0.1	0.01	4.0	0.1	<0.05	6	<0.5
WHT-49513	Soil	12	22	0.39	400	0.080	2	1.32	0.015	0.25	0.1	<0.01	3.3	0.1	<0.05	5	<0.5
WHT-49518	Soil	11	78	0.66	242	0.111	1	1.85	0.014	0.22	<0.1	0.02	3.0	0.2	<0.05	7	0.9
WHT-49519	Soil	16	68	0.92	427	0.111	2	1.55	0.028	0.25	0.1	0.03	4.4	0.2	<0.05	5	1.4
WHT-49520	Soil	15	46	0.84	364	0.117	2	1.62	0.028	0.18	0.1	0.03	4.1	0.2	<0.05	5	1.8
WHT-49521	Soil	10	46	0.61	431	0.066	<1	0.89	0.018	0.13	0.2	0.01	3.0	<0.1	<0.05	3	0.9
WHT-49522	Soil	12	44	0.69	346	0.081	1	1.18	0.026	0.09	0.2	0.02	3.3	0.1	0.06	4	0.8
WHT-49524	Soil	47	108	1.20	630	0.075	2	2.12	0.013	0.57	<0.1	<0.01	7.2	0.3	0.12	5	4.1
WHT-49526	Soil	16	35	0.41	444	0.041	<1	1.36	0.014	0.19	0.2	0.01	6.0	0.2	<0.05	4	1.8
WHT-49527	Soil	27	50	0.69	573	0.099	<1	1.35	0.013	0.61	0.1	<0.01	4.5	0.4	0.13	4	3.0
WHT-49529	Soil	40	37	0.55	899	0.080	2	1.47	0.024	0.52	<0.1	0.03	6.1	0.5	0.29	4	4.2
WHT-49531	Soil	50	60	0.93	766	0.151	<1	1.83	0.018	0.80	<0.1	<0.01	4.9	0.5	0.24	7	5.5
WHT-49532	Soil	35	35	0.50	521	0.048	1	1.52	0.015	0.30	<0.1	0.04	7.0	0.3	<0.05	4	2.6
WHT-49541	Soil	13	43	0.67	425	0.095	<1	1.43	0.017	0.28	<0.1	0.02	3.7	0.2	0.06	5	0.7
WHT-49542	Soil	15	41	0.61	436	0.078	2	1.91	0.011	0.26	0.2	0.02	3.8	0.2	0.06	6	1.3



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**Page:** 3 of 11 **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	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
WHT-49543	Soil	2.5	63.7	5.9	198	0.2	103.4	18.2	448	3.77	2.0	1.1	4.4	4.8	26	0.4	0.4	<0.1	108	0.54	0.112
WHT-49544	Soil	2.9	43.2	6.2	150	0.4	61.7	16.9	600	4.42	2.4	1.0	1.9	2.8	30	0.4	0.3	0.1	118	0.57	0.120
WHT-49545	Soil	2.7	28.9	8.9	77	0.2	26.1	8.4	342	2.92	11.7	1.0	3.1	3.5	34	0.2	2.1	0.2	57	0.31	0.072
WHT-49547	Soil	2.2	45.8	7.6	138	0.2	52.0	12.5	404	3.99	3.8	0.8	1.1	3.8	22	0.4	0.6	0.1	85	0.40	0.104
WHT-49548	Soil	2.4	33.5	7.9	75	0.3	23.0	8.6	277	3.46	7.5	1.2	2.4	4.3	22	0.3	0.4	0.2	70	0.20	0.039
WHT-49549	Soil	2.3	31.8	7.9	71	0.5	28.5	8.0	230	3.17	11.1	0.5	1.7	3.8	19	0.3	1.0	0.2	62	0.19	0.036
WHT-49552	Soil	1.6	38.9	5.3	77	0.3	42.8	21.9	575	3.88	6.0	0.8	5.9	4.3	35	0.3	1.4	0.1	151	0.82	0.054
WHT-49553	Soil	1.8	52.7	7.3	132	0.3	57.2	20.4	707	4.34	10.6	1.4	4.4	5.3	35	0.7	4.0	0.2	70	0.99	0.176
WHT-49554	Soil	4.3	59.2	8.5	182	0.2	81.3	16.1	561	4.55	4.5	1.2	0.5	5.6	22	0.5	0.6	0.2	107	0.24	0.118
WHT-49555	Soil	1.8	54.6	7.9	113	0.3	105.5	17.9	695	3.65	5.7	1.6	8.1	5.3	36	0.4	0.7	0.2	74	0.52	0.105
WHT-49556	Soil	4.0	66.3	10.9	186	0.4	44.6	10.8	465	4.21	8.0	1.5	1.4	5.0	39	0.6	1.4	0.2	89	0.41	0.152
WHT-49557	Soil	2.8	34.8	7.6	93	0.2	34.8	11.3	476	3.21	8.0	1.4	4.2	3.3	33	0.4	1.5	0.1	63	0.51	0.097
WHT-49558	Soil	1.4	39.7	7.4	99	0.2	74.0	12.9	464	2.90	7.9	2.3	7.5	3.1	46	0.6	1.4	0.1	55	1.19	0.101
WHT-49559	Soil	1.8	33.4	6.8	94	0.2	39.6	10.2	195	3.05	6.7	1.0	6.5	4.1	20	0.5	2.0	0.1	53	0.28	0.063
WHT-49560	Soil	1.5	37.3	6.2	64	0.1	27.0	9.5	198	2.62	5.2	1.7	4.7	4.1	25	0.3	0.5	0.1	64	0.29	0.060
WHT-49561	Soil	2.6	85.3	8.5	158	0.4	52.3	12.2	178	3.87	3.0	2.0	10.4	8.5	24	0.7	1.1	0.2	72	0.15	0.062
WHT-49562	Soil	4.7	56.3	8.1	193	0.2	51.5	13.9	249	3.97	5.0	0.9	3.3	4.1	20	0.6	1.3	0.2	89	0.25	0.062
WHT-49563	Soil	1.6	33.4	8.3	75	0.3	43.3	10.6	297	3.04	12.3	1.1	3.5	4.1	28	0.2	3.5	0.1	61	0.31	0.042
WHT-49565	Soil	1.2	23.7	7.6	57	<0.1	26.4	9.7	254	2.66	11.6	0.7	1.1	3.0	26	0.3	1.2	0.1	62	0.26	0.037
WHT-49570	Soil	2.6	43.5	11.4	98	0.3	22.7	6.4	169	3.62	5.2	1.9	1.4	8.6	41	0.3	0.6	0.2	72	0.25	0.087
WHT-49571	Soil	2.2	71.1	8.5	99	0.4	25.2	7.3	257	4.28	12.2	1.9	3.0	8.1	26	0.2	1.1	0.3	83	0.16	0.063
WHT-49572	Soil	6.4	77.8	8.5	106	0.5	18.0	5.3	235	3.44	5.1	2.6	2.3	9.8	30	0.4	1.1	0.4	106	0.25	0.107
WHT-49573	Soil	1.4	44.9	9.3	128	0.4	29.0	11.4	559	3.31	6.1	1.4	0.7	4.5	44	0.8	1.3	0.2	58	0.55	0.116
WHT-49574	Soil	2.0	53.0	8.9	160	0.3	50.2	22.2	686	3.35	32.2	1.5	3.4	4.0	39	0.7	1.7	0.2	70	0.46	0.097
WHT-49576	Soil	1.7	44.7	5.3	111	0.2	40.9	23.7	919	5.18	22.2	0.8	3.2	3.6	43	0.2	0.7	<0.1	106	0.66	0.210
WHT-49577	Soil	2.3	43.7	10.5	167	0.6	50.6	18.0	919	3.62	29.4	1.4	2.9	5.4	31	0.7	7.9	0.1	63	0.43	0.113
WHT-49578	Soil	1.3	33.3	8.3	94	0.3	37.2	13.8	498	2.90	20.7	0.8	3.6	4.3	35	0.3	1.4	0.1	58	0.48	0.096
WHT-49579	Soil	1.2	22.6	7.4	70	0.1	23.6	10.3	423	2.75	7.5	0.7	2.4	4.3	31	0.2	0.6	0.1	57	0.41	0.064
WHT-49580	Soil	1.2	44.0	8.2	99	0.1	32.6	12.1	611	3.03	13.7	1.0	2.6	4.3	39	0.4	0.9	0.1	66	0.54	0.093
WHT-49581	Soil	2.0	61.4	13.8	194	0.3	74.3	18.0	865	3.63	149.4	2.0	9.3	5.8	36	1.2	5.4	0.2	58	0.53	0.099



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**Project:** WHT  
**Report Date:** August 19, 2009

**Page:** 3 of 11 **Part** 2

## CERTIFICATE OF ANALYSIS

VAN09003526.1

	Method Analyte Unit MDL	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
		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
WHT-49543	Soil	29	149	1.39	821	0.096	<1	2.11	0.011	0.41	<0.1	0.01	7.6	0.3	<0.05	6
WHT-49544	Soil	11	96	1.48	936	0.185	1	2.46	0.019	0.77	0.1	0.02	4.8	0.4	0.06	8
WHT-49545	Soil	11	31	0.45	679	0.043	4	1.32	0.013	0.10	0.2	0.03	4.5	0.2	<0.05	4
WHT-49547	Soil	12	66	1.21	489	0.104	<1	2.31	0.012	0.50	<0.1	0.01	5.7	0.3	<0.05	7
WHT-49548	Soil	14	39	0.58	404	0.075	2	1.73	0.021	0.19	0.1	0.01	3.2	0.2	0.13	5
WHT-49549	Soil	12	33	0.42	229	0.050	1	1.68	0.010	0.10	0.2	0.01	2.8	0.1	<0.05	4
WHT-49552	Soil	14	146	1.21	677	0.065	<1	1.75	0.021	0.15	0.1	0.03	11.2	0.2	<0.05	5
WHT-49553	Soil	24	46	0.73	628	0.060	1	1.56	0.012	0.33	0.1	0.03	7.7	0.3	<0.05	4
WHT-49554	Soil	18	83	1.14	474	0.129	1	2.01	0.011	0.57	0.1	<0.01	5.7	0.4	<0.05	8
WHT-49555	Soil	22	80	0.85	677	0.080	3	1.63	0.030	0.29	<0.1	0.04	6.6	0.2	<0.05	5
WHT-49556	Soil	20	48	0.82	4854	0.090	2	1.87	0.015	0.60	0.2	0.01	5.9	0.4	0.10	6
WHT-49557	Soil	16	36	0.46	1011	0.037	3	1.37	0.013	0.25	<0.1	0.03	6.3	0.2	<0.05	4
WHT-49558	Soil	16	58	0.60	784	0.035	3	1.11	0.017	0.12	0.1	0.04	5.7	0.1	0.05	3
WHT-49559	Soil	15	39	0.43	299	0.044	<1	1.27	0.010	0.08	0.1	0.02	3.6	0.1	<0.05	4
WHT-49560	Soil	17	42	0.61	460	0.086	<1	1.51	0.016	0.13	0.1	0.01	3.3	0.1	<0.05	4
WHT-49561	Soil	26	56	0.67	661	0.065	<1	1.61	0.016	0.30	<0.1	0.02	4.9	0.3	0.09	5
WHT-49562	Soil	14	37	0.45	365	0.018	1	1.38	0.008	0.06	0.1	<0.01	5.0	0.1	<0.05	4
WHT-49563	Soil	20	43	0.47	393	0.054	2	1.55	0.013	0.06	0.1	0.02	4.5	0.1	<0.05	4
WHT-49565	Soil	10	35	0.44	335	0.068	2	1.42	0.013	0.07	0.2	0.01	3.1	<0.1	<0.05	4
WHT-49570	Soil	28	50	0.66	705	0.084	<1	1.50	0.016	0.50	<0.1	<0.01	4.3	0.4	0.16	5
WHT-49571	Soil	32	47	0.74	490	0.106	1	1.78	0.018	0.41	0.1	0.01	5.4	0.3	0.23	5
WHT-49572	Soil	23	60	0.80	912	0.101	<1	1.81	0.025	0.47	<0.1	<0.01	5.1	0.4	0.21	7
WHT-49573	Soil	15	41	0.55	830	0.071	3	1.71	0.022	0.41	0.1	0.02	4.4	0.3	0.07	5
WHT-49574	Soil	14	42	0.51	896	0.073	2	1.67	0.017	0.22	<0.1	0.02	5.3	0.2	<0.05	5
WHT-49576	Soil	23	42	1.36	708	0.185	3	2.49	0.016	1.18	0.1	0.02	7.5	0.2	<0.05	9
WHT-49577	Soil	21	61	0.46	617	0.039	2	1.38	0.012	0.30	0.1	0.02	5.9	0.1	<0.05	4
WHT-49578	Soil	16	38	0.56	367	0.081	3	1.61	0.021	0.31	0.2	0.02	5.2	0.1	<0.05	5
WHT-49579	Soil	14	35	0.48	301	0.081	2	1.57	0.021	0.23	0.1	0.01	4.4	0.1	<0.05	5
WHT-49580	Soil	18	38	0.61	397	0.083	4	1.69	0.018	0.42	0.2	0.01	4.5	0.2	<0.05	4
WHT-49581	Soil	22	41	0.56	637	0.047	3	1.63	0.015	0.45	0.1	0.03	6.0	0.3	<0.05	5



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Page: 4 of 11 Part 1

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		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
WHT-49582	Soil	1.2	56.4	7.9	93	0.3	46.9	13.5	431	3.04	19.6	1.0	16.7	4.7	39	0.3	0.9	0.1	74	0.55	0.115
WHT-49583	Soil	2.1	67.6	10.1	150	0.5	70.2	16.1	498	3.32	26.7	1.5	14.8	5.9	39	0.6	1.4	0.2	77	0.47	0.101
WHT-49584	Soil	1.3	32.1	7.3	91	0.2	34.8	14.6	454	2.97	12.1	0.8	1.9	4.7	29	0.3	0.9	0.1	68	0.40	0.063
WHT-49585	Soil	1.1	33.1	8.4	73	<0.1	33.9	11.6	377	2.85	17.9	1.0	3.1	5.1	32	0.2	1.0	0.2	62	0.47	0.114
WHT-49586	Soil	3.3	72.7	9.1	158	0.5	41.5	9.5	249	3.98	21.0	2.1	3.3	8.6	39	0.5	1.1	0.2	76	0.36	0.119
WHT-49587	Soil	2.1	47.7	9.2	156	0.3	53.9	17.2	669	3.56	37.0	1.2	2.2	5.0	32	0.6	2.3	0.2	75	0.36	0.087
WHT-49588	Soil	2.1	47.5	9.5	148	0.2	52.0	17.1	640	3.43	37.4	1.2	2.1	4.9	31	0.6	2.3	0.2	71	0.37	0.083
WHT-49590	Soil	1.8	56.3	8.0	103	0.2	49.0	14.0	431	3.31	11.9	1.1	7.6	5.6	37	0.3	1.3	0.2	74	0.56	0.114
WHT-49592	Soil	1.3	56.0	8.2	78	0.3	46.4	12.4	362	3.05	12.0	1.3	4.8	5.4	45	0.2	1.1	0.2	61	0.90	0.091
WHT-49594	Soil	3.7	83.7	10.0	205	0.6	74.9	17.5	943	3.78	14.7	1.7	7.1	5.9	31	1.3	4.9	0.2	73	0.43	0.081
WHT-49643	Soil	0.6	46.0	4.0	72	0.1	19.5	20.4	814	4.41	4.4	1.2	8.2	4.0	24	<0.1	0.4	<0.1	126	0.67	0.070
WHT-49707	Soil	0.6	30.3	8.2	73	<0.1	30.7	12.9	409	2.91	5.2	1.3	1.6	3.6	37	0.3	0.4	0.1	69	0.87	0.070
WHT-49709	Soil	0.4	91.1	4.5	56	<0.1	44.9	20.2	449	3.17	3.7	0.4	7.9	1.5	14	<0.1	0.2	<0.1	105	0.35	0.053
WHT-49710	Soil	0.5	91.7	4.6	50	<0.1	18.9	11.6	266	2.48	4.8	0.4	7.0	1.9	18	<0.1	0.2	<0.1	78	0.31	0.055
WHT-49716	Soil	0.5	55.2	4.3	40	<0.1	32.0	11.9	327	2.38	4.9	0.4	2.2	1.8	21	<0.1	0.3	<0.1	77	0.43	0.041
WHT-49717	Soil	0.5	62.3	6.5	50	<0.1	28.5	14.1	491	2.81	7.9	0.5	4.2	2.8	31	<0.1	0.4	0.1	80	0.56	0.042
WHT-49718	Soil	0.4	150.3	2.4	56	<0.1	24.4	17.7	313	2.78	3.5	0.2	3.9	1.1	31	<0.1	0.2	<0.1	119	0.57	0.095
WHT-49721	Soil	0.7	68.8	5.3	52	<0.1	28.7	13.2	341	2.75	6.8	0.5	1.4	2.5	30	<0.1	0.5	<0.1	81	0.50	0.027
WHT-49722	Soil	0.4	150.7	3.3	60	<0.1	25.1	19.7	418	3.37	6.0	0.4	2.0	1.8	31	<0.1	0.3	<0.1	121	0.50	0.047
WHT-49723	Soil	0.3	185.3	1.4	45	<0.1	16.8	17.3	227	2.14	2.6	0.2	<0.5	0.7	19	<0.1	0.2	<0.1	87	0.57	0.113
WHT-49724	Soil	0.5	215.7	4.3	74	<0.1	32.0	22.8	447	3.31	5.8	0.5	2.6	2.4	31	<0.1	0.7	<0.1	113	0.63	0.092
WHT-49726	Soil	0.4	56.0	2.4	20	<0.1	18.3	10.2	141	1.59	3.9	0.2	<0.5	0.7	13	<0.1	0.3	<0.1	49	0.26	0.015
WHT-49727	Soil	0.2	106.5	1.0	54	<0.1	12.0	16.0	213	2.57	1.7	0.2	1.4	0.5	24	<0.1	0.2	<0.1	99	0.53	0.106
WHT-49730	Soil	0.9	40.6	8.0	53	0.1	34.8	14.8	534	2.86	6.5	1.3	9.4	3.1	47	0.1	0.7	0.1	74	1.08	0.074
WHT-49733	Soil	1.6	58.0	9.8	106	0.2	50.9	14.3	373	3.03	24.2	0.9	10.3	3.6	28	0.7	1.2	0.1	75	0.38	0.072
WHT-49734	Soil	2.8	66.0	7.5	142	0.1	59.9	15.3	688	4.38	4.8	1.1	15.3	3.9	21	0.3	0.5	<0.1	122	0.43	0.126
WHT-49736	Soil	0.2	61.0	1.6	10	<0.1	40.4	9.2	81	0.89	4.4	0.1	<0.5	0.6	11	<0.1	0.2	<0.1	21	0.27	0.004
WHT-49747	Soil	0.3	88.4	3.3	25	<0.1	66.5	15.7	338	1.97	6.2	0.3	1.3	1.3	24	<0.1	0.4	<0.1	49	0.90	0.033
WHT-49750	Soil	1.9	55.6	5.5	92	<0.1	34.6	9.9	286	3.28	5.3	0.8	0.6	3.3	20	0.1	0.4	<0.1	52	0.28	0.065
WHT-49790	Soil	0.6	107.2	5.0	65	<0.1	28.5	15.5	268	3.56	7.6	0.3	1.7	2.3	19	<0.1	0.4	<0.1	108	0.32	0.040



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**Page:** 4 of 11 **Part** 2

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		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
WHT-49582	Soil	17	44	0.68	350	0.094	2	1.52	0.026	0.29	0.2	0.05	4.8	0.2	<0.05	5	0.8
WHT-49583	Soil	22	45	0.74	439	0.096	3	1.93	0.021	0.41	0.1	0.04	5.7	0.2	<0.05	5	1.2
WHT-49584	Soil	15	47	0.61	376	0.092	2	1.64	0.020	0.33	0.1	0.02	5.1	0.2	<0.05	5	0.5
WHT-49585	Soil	17	39	0.55	367	0.084	2	1.41	0.023	0.29	0.2	0.03	4.8	0.2	<0.05	4	0.7
WHT-49586	Soil	28	56	0.71	657	0.093	3	1.71	0.027	0.65	0.1	0.02	5.9	0.4	0.18	5	2.3
WHT-49587	Soil	18	45	0.61	512	0.081	4	1.66	0.016	0.45	0.2	0.02	5.5	0.2	<0.05	5	1.0
WHT-49588	Soil	18	48	0.60	512	0.080	3	1.70	0.017	0.46	0.1	0.02	5.6	0.2	<0.05	5	1.1
WHT-49590	Soil	23	44	0.77	490	0.088	2	1.69	0.019	0.38	0.1	0.03	5.4	0.2	<0.05	5	1.4
WHT-49592	Soil	23	40	0.60	447	0.070	3	1.48	0.020	0.24	0.2	0.04	5.2	0.2	0.06	4	0.9
WHT-49594	Soil	21	46	0.52	2516	0.032	2	1.97	0.011	0.11	0.2	0.06	6.8	0.1	<0.05	6	1.3
WHT-49643	Soil	11	57	1.41	406	0.084	2	2.07	0.021	0.23	<0.1	0.02	11.4	0.1	<0.05	7	<0.5
WHT-49707	Soil	14	41	0.64	467	0.086	2	1.70	0.023	0.06	0.1	0.03	5.6	<0.1	<0.05	5	0.5
WHT-49709	Soil	5	87	1.10	171	0.135	<1	1.82	0.020	0.09	0.1	0.02	3.8	<0.1	<0.05	6	<0.5
WHT-49710	Soil	7	26	0.69	206	0.124	<1	1.65	0.018	0.07	0.1	0.01	2.7	<0.1	<0.05	5	<0.5
WHT-49716	Soil	7	60	0.88	250	0.124	<1	1.59	0.019	0.09	<0.1	0.02	2.8	<0.1	<0.05	5	<0.5
WHT-49717	Soil	10	40	0.75	324	0.109	<1	1.52	0.027	0.12	0.2	0.02	4.4	<0.1	<0.05	4	<0.5
WHT-49718	Soil	5	24	1.37	167	0.160	<1	1.78	0.018	0.07	<0.1	<0.01	3.9	<0.1	<0.05	6	<0.5
WHT-49721	Soil	10	39	0.78	182	0.120	<1	1.67	0.025	0.07	0.2	0.02	4.5	<0.1	<0.05	5	<0.5
WHT-49722	Soil	6	26	1.22	149	0.096	<1	1.94	0.018	0.07	0.2	0.01	8.0	<0.1	<0.05	6	<0.5
WHT-49723	Soil	2	12	0.97	119	0.128	<1	1.29	0.021	0.14	<0.1	<0.01	3.8	<0.1	<0.05	4	<0.5
WHT-49724	Soil	9	30	1.34	399	0.110	<1	2.00	0.021	0.17	0.2	0.03	6.7	<0.1	<0.05	6	<0.5
WHT-49726	Soil	3	57	0.62	67	0.061	<1	1.06	0.019	0.04	<0.1	0.01	2.4	<0.1	<0.05	3	<0.5
WHT-49727	Soil	3	9	0.76	289	0.187	<1	1.27	0.017	0.33	0.1	0.01	3.2	<0.1	<0.05	5	<0.5
WHT-49730	Soil	18	49	0.60	610	0.034	<1	1.18	0.019	0.08	0.1	0.05	5.8	<0.1	<0.05	4	<0.5
WHT-49733	Soil	16	43	0.59	461	0.081	<1	1.49	0.014	0.20	0.2	0.02	4.2	0.2	<0.05	5	0.7
WHT-49734	Soil	14	86	1.27	608	0.158	<1	2.46	0.010	0.79	0.1	0.01	7.1	0.3	<0.05	9	1.1
WHT-49736	Soil	2	80	0.61	49	0.028	<1	0.97	0.010	0.02	<0.1	<0.01	2.6	<0.1	<0.05	2	<0.5
WHT-49747	Soil	6	116	0.93	129	0.037	1	1.51	0.020	0.05	<0.1	0.04	5.9	<0.1	<0.05	3	0.5
WHT-49750	Soil	10	28	0.61	325	0.151	<1	1.66	0.010	0.49	<0.1	<0.01	4.4	0.3	<0.05	6	<0.5
WHT-49790	Soil	8	35	0.97	260	0.148	<1	2.12	0.023	0.12	0.1	0.01	4.6	<0.1	<0.05	7	<0.5



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Report Date: August 19, 2009

Page: 5 of 11 Part 1

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VAN09003526.1

	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
WHT-49791	Soil	0.4	106.1	2.3	53	<0.1	34.1	17.7	233	2.78	4.0	0.2	<0.5	0.9	14	<0.1	0.2	<0.1	91	0.32	0.024
WHT-49792	Soil	0.7	44.8	5.8	48	<0.1	22.5	11.6	320	2.75	8.2	0.4	<0.5	2.4	22	<0.1	0.4	0.1	75	0.35	0.029
WHT-49793	Soil	1.1	103.2	3.9	42	<0.1	17.6	19.5	298	2.44	4.5	0.3	<0.5	1.0	15	0.1	0.3	<0.1	68	0.38	0.049
WHT-49794	Soil	0.6	80.3	5.5	51	0.1	23.2	14.3	526	2.55	5.3	0.7	2.8	1.7	31	0.2	0.3	0.1	70	0.68	0.042
WHT-49795	Soil	0.8	153.0	1.5	71	<0.1	19.7	19.5	466	3.91	2.6	0.3	0.7	0.8	20	<0.1	0.2	<0.1	137	0.57	0.092
WHT-49798	Soil	0.3	125.7	1.2	46	<0.1	16.4	13.7	247	2.19	2.3	0.3	0.7	0.6	18	<0.1	0.3	<0.1	71	0.56	0.073
WHT-49799	Soil	0.5	90.7	2.7	55	<0.1	19.8	15.2	243	2.60	4.6	0.2	<0.5	0.8	29	<0.1	0.8	<0.1	83	0.45	0.039
WHT-49800	Soil	0.2	96.5	4.8	72	<0.1	30.1	19.4	504	3.06	3.2	0.5	0.8	2.8	27	<0.1	0.3	<0.1	101	0.55	0.085
WHT-49801	Soil	0.2	258.4	1.9	56	<0.1	29.2	17.9	480	2.63	2.8	0.3	3.3	1.0	30	<0.1	0.2	<0.1	107	0.65	0.115
WHT-49802	Soil	0.4	98.8	3.5	49	<0.1	22.6	13.8	231	2.39	4.6	0.2	1.2	1.4	21	<0.1	0.3	<0.1	80	0.35	0.059
WHT-49803	Soil	0.7	52.2	6.5	58	<0.1	28.4	12.7	632	2.71	8.4	0.6	2.2	2.7	48	0.1	0.5	0.1	68	0.89	0.068
WHT-49804	Soil	0.8	193.5	4.7	78	0.2	23.6	20.4	715	3.60	5.1	0.4	0.9	1.3	26	0.2	0.4	<0.1	128	0.46	0.069
WHT-49805	Soil	0.8	355.9	2.7	87	1.6	29.8	38.5	413	3.48	2.6	1.4	222.3	0.8	20	0.2	0.2	<0.1	102	0.43	0.046
WHT-49806	Soil	1.1	69.2	5.3	40	0.1	20.6	12.5	229	2.35	5.4	5.2	4.8	1.4	94	0.1	0.5	0.1	64	0.94	0.027
WHT-49807	Soil	0.4	122.6	5.3	55	0.2	34.6	16.4	422	2.93	5.1	1.2	4.6	2.4	47	0.1	0.5	<0.1	74	0.97	0.062
WHT-49808	Soil	0.6	45.7	6.2	67	<0.1	26.9	11.8	327	2.55	7.8	0.5	11.2	3.0	39	0.3	0.6	0.1	64	0.68	0.076
WHT-49809	Soil	0.3	137.2	3.6	34	<0.1	47.8	14.6	174	1.58	6.1	0.4	2.1	1.1	19	<0.1	0.3	<0.1	38	0.40	0.030
WHT-49810	Soil	0.4	88.2	3.7	37	<0.1	32.3	12.9	261	1.58	9.4	0.4	2.6	1.1	21	0.1	0.4	<0.1	43	0.49	0.037
WHT-49812	Soil	0.3	85.5	3.4	19	<0.1	45.7	10.9	145	1.24	4.8	0.2	1.1	0.4	14	<0.1	0.2	<0.1	36	0.34	0.017
WHT-49813	Soil	1.0	14.8	7.9	47	<0.1	14.1	8.2	385	2.38	4.4	1.2	<0.5	8.8	24	<0.1	0.3	0.2	50	0.41	0.041
WHT-49815	Soil	2.1	65.0	14.5	107	0.1	122.0	32.3	1119	4.94	1.8	3.1	<0.5	12.3	33	0.3	0.2	0.3	91	1.19	0.177
WHT-49816	Soil	1.0	39.6	7.0	82	<0.1	48.7	17.2	354	3.55	2.4	1.4	4.5	16.1	16	<0.1	0.2	0.2	43	0.44	0.078
WHT-49820	Soil	0.4	77.9	4.3	71	<0.1	21.3	15.9	959	2.78	3.7	0.5	12.7	1.0	27	0.2	0.8	<0.1	87	0.68	0.066
WHT-49822	Soil	0.4	66.0	6.2	72	<0.1	27.1	19.2	423	3.32	3.2	0.5	11.1	2.0	25	0.2	0.4	<0.1	110	0.65	0.057
WHT-49824	Soil	0.2	65.0	4.9	48	<0.1	36.7	17.8	503	2.61	3.6	0.4	8.8	1.0	21	0.1	0.3	<0.1	78	0.74	0.051
WHT-49827	Soil	0.7	29.6	4.1	26	0.1	22.1	6.8	120	1.59	3.6	0.2	2.9	0.8	12	<0.1	0.2	0.1	58	0.19	0.014
WHT-49828	Soil	0.5	54.9	4.9	31	<0.1	25.8	10.9	237	2.20	5.2	0.3	7.8	1.6	19	<0.1	0.3	<0.1	68	0.33	0.024
WHT-49829	Soil	0.7	71.4	3.8	31	<0.1	53.2	12.4	223	2.05	6.3	0.3	1.2	1.2	12	<0.1	0.3	<0.1	56	0.21	0.027
WHT-49846	Soil	0.4	288.4	1.6	83	0.1	42.4	21.8	584	3.68	2.6	0.6	11.5	0.6	14	<0.1	0.2	<0.1	121	0.46	0.060
WHT-49847	Soil	0.2	63.1	1.5	36	<0.1	33.7	19.5	386	3.74	2.9	0.3	13.8	0.6	16	<0.1	0.2	<0.1	142	1.12	0.058





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**Project:** WHT  
**Report Date:** August 19, 2009

**Page:** 5 of 11 **Part** 2

## CERTIFICATE OF ANALYSIS

VAN09003526.1

	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
WHT-49791	Soil	3	60	0.92	160	0.119	<1	1.62	0.026	0.05	0.1	<0.01	3.8	<0.1	<0.05	5	<0.5
WHT-49792	Soil	8	35	0.64	187	0.111	<1	1.64	0.018	0.08	0.1	0.01	3.4	<0.1	<0.05	5	<0.5
WHT-49793	Soil	5	39	0.59	194	0.061	<1	1.29	0.027	0.05	<0.1	<0.01	3.7	<0.1	<0.05	5	<0.5
WHT-49794	Soil	8	45	0.61	223	0.081	1	1.40	0.025	0.07	0.1	0.02	4.4	<0.1	<0.05	5	<0.5
WHT-49795	Soil	4	15	1.19	416	0.194	<1	1.82	0.023	0.52	0.1	0.02	5.0	0.2	<0.05	7	<0.5
WHT-49798	Soil	4	16	0.87	169	0.088	<1	1.39	0.027	0.19	<0.1	0.01	3.5	<0.1	<0.05	4	<0.5
WHT-49799	Soil	4	25	0.99	120	0.122	<1	1.69	0.023	0.11	<0.1	<0.01	2.8	<0.1	<0.05	5	<0.5
WHT-49800	Soil	8	51	1.28	351	0.190	<1	1.80	0.018	0.44	0.1	<0.01	4.4	0.2	<0.05	6	<0.5
WHT-49801	Soil	6	30	1.16	621	0.175	<1	1.46	0.023	0.42	<0.1	0.01	3.7	<0.1	<0.05	5	<0.5
WHT-49802	Soil	5	24	0.82	258	0.129	<1	1.48	0.017	0.17	<0.1	<0.01	2.8	<0.1	<0.05	5	<0.5
WHT-49803	Soil	11	33	0.62	593	0.113	<1	1.48	0.032	0.21	0.1	0.02	3.8	<0.1	<0.05	5	0.5
WHT-49804	Soil	6	24	1.05	748	0.139	<1	1.83	0.023	0.15	0.1	0.01	6.3	<0.1	<0.05	9	<0.5
WHT-49805	Soil	4	60	1.44	113	0.117	<1	1.56	0.027	0.10	<0.1	0.03	5.8	<0.1	<0.05	6	0.8
WHT-49806	Soil	7	36	0.63	133	0.072	4	1.41	0.021	0.08	0.1	0.02	3.4	<0.1	0.06	5	1.3
WHT-49807	Soil	13	55	0.93	474	0.105	<1	1.63	0.027	0.16	0.1	0.04	5.6	<0.1	<0.05	5	<0.5
WHT-49808	Soil	13	32	0.65	247	0.110	<1	1.38	0.039	0.09	0.2	0.03	3.7	<0.1	<0.05	4	<0.5
WHT-49809	Soil	6	57	0.64	91	0.059	<1	1.30	0.016	0.03	0.1	0.03	3.2	<0.1	<0.05	3	<0.5
WHT-49810	Soil	6	43	0.61	82	0.063	<1	1.18	0.018	0.04	0.1	0.02	3.6	<0.1	<0.05	3	<0.5
WHT-49812	Soil	3	58	0.63	52	0.040	<1	1.03	0.013	0.03	<0.1	0.03	1.9	<0.1	<0.05	3	<0.5
WHT-49813	Soil	23	24	0.51	312	0.093	<1	1.48	0.017	0.09	0.2	<0.01	2.6	0.1	<0.05	5	<0.5
WHT-49815	Soil	62	139	1.78	362	0.094	2	2.70	0.013	0.34	<0.1	0.02	9.3	0.3	<0.05	10	<0.5
WHT-49816	Soil	54	37	1.21	253	0.116	<1	1.90	0.013	0.52	<0.1	0.02	3.5	0.5	<0.05	7	0.7
WHT-49820	Soil	7	35	0.88	249	0.051	2	1.52	0.017	0.05	0.2	0.06	6.2	<0.1	<0.05	5	0.7
WHT-49822	Soil	9	49	1.19	260	0.078	2	1.68	0.019	0.05	0.1	0.03	6.5	<0.1	<0.05	6	<0.5
WHT-49824	Soil	6	81	1.17	132	0.057	2	1.60	0.017	0.03	0.2	0.03	5.9	<0.1	<0.05	5	<0.5
WHT-49827	Soil	4	53	0.54	57	0.070	<1	1.23	0.011	0.04	0.1	<0.01	2.3	<0.1	<0.05	5	<0.5
WHT-49828	Soil	6	43	0.61	123	0.084	<1	1.69	0.012	0.03	0.1	0.01	3.6	<0.1	<0.05	5	<0.5
WHT-49829	Soil	5	72	0.79	92	0.068	1	1.75	0.011	0.03	<0.1	<0.01	2.8	<0.1	<0.05	5	<0.5
WHT-49846	Soil	4	83	1.48	84	0.088	<1	1.77	0.034	0.13	<0.1	<0.01	9.4	<0.1	<0.05	7	0.6
WHT-49847	Soil	5	71	1.68	113	0.094	2	1.70	0.035	0.11	<0.1	0.02	11.1	<0.1	<0.05	7	0.5



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Project: WHT  
Report Date: August 19, 2009

Page: 6 of 11 Part 1

## CERTIFICATE OF ANALYSIS

VAN09003526.1

	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
WHT-49848	Soil	0.5	172.5	3.6	54	<0.1	44.7	21.7	295	2.81	5.4	0.6	4.8	1.4	35	<0.1	0.3	<0.1	83	0.44	0.051
WHT-49849	Soil	0.6	35.6	5.0	34	<0.1	18.2	11.6	266	2.04	4.9	0.3	5.5	1.5	17	<0.1	0.3	<0.1	58	0.35	0.035
WHT-49851	Soil	0.5	38.4	2.4	71	<0.1	21.6	21.4	586	4.45	4.5	0.4	1.7	1.6	15	<0.1	0.2	<0.1	126	0.35	0.039
WHT-49852	Soil	0.4	77.1	1.8	67	<0.1	16.7	19.6	474	3.65	2.6	0.4	5.6	0.8	25	<0.1	0.2	<0.1	104	0.66	0.070
WHT-49854	Soil	1.3	13.1	8.2	36	0.5	8.5	5.3	604	1.51	2.9	6.4	50.3	4.5	47	0.1	0.3	<0.1	23	1.06	0.050
WHT-49858	Soil	0.4	44.9	5.9	49	0.1	25.3	11.6	494	2.58	6.2	0.6	8.5	2.1	45	<0.1	0.5	0.1	68	1.32	0.073
WHT-49859	Soil	0.3	20.4	2.3	51	<0.1	15.5	16.3	355	2.88	3.6	0.2	2.1	0.7	22	<0.1	0.2	<0.1	84	0.63	0.077
WHT-49862	Soil	0.3	52.9	8.3	65	0.5	41.0	27.1	823	4.16	2.2	0.3	63.8	0.5	155	0.3	0.4	<0.1	186	10.10	0.061
WHT-49863	Soil	0.7	102.2	5.0	44	0.1	31.8	20.1	426	2.65	5.4	0.4	0.8	1.9	20	<0.1	0.3	<0.1	74	0.37	0.034
WHT-49864	Soil	0.6	49.5	3.1	31	<0.1	25.0	14.5	386	2.40	3.9	0.2	2.0	1.1	14	<0.1	0.2	<0.1	78	0.42	0.038
WHT-49865	Soil	<0.1	81.5	0.6	67	<0.1	22.6	19.9	581	3.88	1.0	0.2	1.4	0.4	27	<0.1	0.1	<0.1	105	0.54	0.104
WHT-49866	Soil	0.9	32.7	4.2	57	<0.1	19.5	18.2	453	3.12	4.1	0.3	<0.5	1.6	16	<0.1	0.3	<0.1	96	0.41	0.055
WHT-49867	Soil	0.8	33.9	4.4	58	<0.1	20.2	18.4	436	3.08	4.1	0.3	0.6	1.6	17	<0.1	0.2	<0.1	95	0.43	0.064
WHT-49868	Soil	0.4	88.7	2.9	80	<0.1	50.6	24.5	684	4.63	3.7	0.4	4.5	1.7	21	<0.1	0.3	<0.1	166	0.63	0.067
WHT-49869	Soil	0.4	87.0	2.8	78	<0.1	49.1	23.7	669	4.52	4.0	0.4	5.7	1.7	20	<0.1	0.3	<0.1	161	0.63	0.064
WHT-49870	Soil	0.8	45.5	8.9	52	<0.1	26.9	13.4	453	3.58	6.1	1.4	10.4	15.3	18	<0.1	0.4	0.1	90	0.29	0.021
WHT-49871	Soil	0.8	18.8	12.8	58	<0.1	13.8	7.3	512	3.16	4.2	1.9	0.7	21.7	20	<0.1	0.4	0.1	42	0.32	0.045
WHT-49873	Soil	0.5	44.2	7.2	56	<0.1	27.5	14.5	417	2.89	6.9	0.5	7.6	5.0	37	<0.1	0.4	0.1	72	0.65	0.062
WHT-49874	Soil	1.6	45.3	6.5	90	0.1	46.7	14.3	380	3.33	11.1	1.3	3.7	4.0	31	0.1	0.7	0.1	84	0.45	0.066
WHT-49875	Soil	2.7	91.7	7.1	140	0.3	49.4	10.5	283	3.94	8.0	2.2	3.3	6.4	29	0.3	0.6	0.2	96	0.27	0.069
WHT-49876	Soil	1.8	69.8	6.4	91	0.3	45.5	12.6	376	3.20	9.0	1.4	5.9	3.5	41	0.3	0.9	0.1	79	0.57	0.082
WHT-49877	Soil	2.2	51.3	6.1	96	0.2	51.7	15.7	338	3.43	11.0	0.9	5.5	3.2	31	0.3	1.0	0.1	81	0.38	0.065
WHT-49878	Soil	1.8	54.2	6.3	104	0.1	57.8	14.5	328	3.20	8.0	1.2	4.9	5.2	25	0.3	1.2	0.2	69	0.40	0.068
WHT-49885	Soil	1.2	32.7	7.9	70	0.2	32.4	12.9	460	2.90	11.7	0.6	2.1	3.5	29	0.3	0.7	0.1	76	0.47	0.056
WHT-49886	Soil	1.2	27.8	8.4	59	0.2	29.9	12.6	392	2.97	11.5	0.7	2.9	3.9	31	0.1	0.8	0.2	62	0.40	0.047
WHT-49887	Soil	1.5	41.7	8.7	66	0.2	40.8	13.2	373	3.32	17.9	0.7	3.4	4.5	33	0.1	1.1	0.2	77	0.45	0.052
WHT-49888	Soil	1.7	58.9	7.6	154	0.2	72.0	20.0	743	3.97	8.9	1.6	3.1	6.6	31	0.4	1.5	0.2	78	0.45	0.107
WHT-49889	Soil	1.5	70.2	7.2	104	0.1	74.4	20.0	527	4.27	6.9	1.1	2.1	8.1	23	0.2	0.4	0.1	80	0.35	0.103
WHT-49890	Soil	1.9	58.0	7.2	117	0.5	51.5	16.4	1086	2.77	87.6	4.0	7.4	1.4	57	1.2	2.3	0.1	52	0.97	0.134
WHT-49891	Soil	1.0	79.0	7.5	66	0.1	57.3	18.1	552	3.29	8.9	0.5	2.4	3.5	21	0.2	0.6	0.2	70	0.44	0.036



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**Page:** 6 of 11 **Part** 2

## CERTIFICATE OF ANALYSIS

VAN09003526.1

	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
WHT-49848	Soil	7	82	1.24	95	0.109	<1	1.57	0.028	0.08	<0.1	0.01	5.7	<0.1	<0.05	5	0.6
WHT-49849	Soil	5	39	0.49	170	0.068	<1	1.33	0.017	0.06	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5
WHT-49851	Soil	6	70	2.17	319	0.132	2	2.49	0.016	0.50	<0.1	<0.01	9.3	0.1	<0.05	8	0.7
WHT-49852	Soil	5	53	1.96	240	0.151	3	2.16	0.026	0.51	<0.1	0.01	6.1	0.2	<0.05	6	<0.5
WHT-49854	Soil	37	12	0.25	767	0.027	3	0.73	0.020	0.10	0.1	0.07	3.1	<0.1	0.06	2	<0.5
WHT-49858	Soil	12	37	0.73	296	0.083	2	1.37	0.034	0.09	0.2	0.04	4.9	<0.1	<0.05	4	<0.5
WHT-49859	Soil	2	57	1.78	212	0.142	2	2.04	0.032	0.33	<0.1	<0.01	4.1	<0.1	<0.05	6	<0.5
WHT-49862	Soil	5	79	2.82	348	0.169	3	1.86	0.011	0.05	1.4	0.04	12.0	<0.1	<0.05	9	<0.5
WHT-49863	Soil	7	60	0.74	186	0.096	1	1.79	0.018	0.09	<0.1	<0.01	4.6	<0.1	<0.05	5	<0.5
WHT-49864	Soil	4	56	0.73	138	0.078	3	1.42	0.027	0.07	<0.1	<0.01	4.2	<0.1	<0.05	5	<0.5
WHT-49865	Soil	3	36	2.28	300	0.214	1	2.70	0.017	0.83	<0.1	<0.01	4.9	<0.1	<0.05	6	<0.5
WHT-49866	Soil	5	82	1.30	291	0.171	3	1.93	0.023	0.41	<0.1	<0.01	4.2	<0.1	<0.05	7	<0.5
WHT-49867	Soil	5	82	1.34	293	0.172	<1	1.96	0.023	0.41	<0.1	<0.01	4.2	0.1	<0.05	7	<0.5
WHT-49868	Soil	9	81	2.38	252	0.162	3	2.52	0.031	0.33	<0.1	<0.01	9.0	0.1	<0.05	9	<0.5
WHT-49869	Soil	9	80	2.26	239	0.165	2	2.41	0.030	0.32	<0.1	0.01	8.8	<0.1	<0.05	9	<0.5
WHT-49870	Soil	23	54	0.80	274	0.115	3	1.62	0.015	0.53	0.2	0.02	7.8	0.2	<0.05	5	<0.5
WHT-49871	Soil	18	18	0.45	249	0.078	3	1.26	0.008	0.44	0.2	<0.01	4.6	0.3	<0.05	5	<0.5
WHT-49873	Soil	16	37	0.71	262	0.116	4	1.65	0.036	0.15	0.2	0.02	5.0	<0.1	<0.05	5	<0.5
WHT-49874	Soil	16	52	0.71	726	0.138	2	1.79	0.020	0.32	0.1	0.02	6.0	0.2	<0.05	5	0.7
WHT-49875	Soil	23	82	1.01	946	0.173	2	2.09	0.019	0.72	<0.1	0.02	5.8	0.4	0.16	6	2.5
WHT-49876	Soil	15	48	0.73	899	0.124	3	1.53	0.028	0.29	0.2	0.03	4.6	0.2	<0.05	5	0.9
WHT-49877	Soil	12	53	0.66	765	0.102	3	1.59	0.023	0.15	0.1	<0.01	4.4	0.1	<0.05	5	0.7
WHT-49878	Soil	19	44	0.65	434	0.093	2	1.38	0.017	0.24	0.1	0.01	4.5	0.2	<0.05	4	0.5
WHT-49885	Soil	13	43	0.53	419	0.092	2	1.72	0.016	0.15	0.2	0.02	5.4	<0.1	<0.05	5	0.5
WHT-49886	Soil	13	38	0.54	397	0.074	<1	1.69	0.019	0.15	0.1	0.02	4.8	<0.1	<0.05	5	<0.5
WHT-49887	Soil	15	45	0.65	361	0.089	2	1.84	0.021	0.19	0.2	0.03	6.1	<0.1	<0.05	5	0.7
WHT-49888	Soil	20	54	0.73	464	0.085	<1	1.79	0.017	0.51	<0.1	0.02	5.6	0.3	<0.05	5	0.8
WHT-49889	Soil	29	80	1.23	336	0.131	<1	2.17	0.011	0.85	0.1	<0.01	4.5	0.4	<0.05	7	0.5
WHT-49890	Soil	11	39	0.55	835	0.041	3	1.44	0.022	0.19	0.1	0.04	3.5	0.1	<0.05	4	1.5
WHT-49891	Soil	13	68	0.80	377	0.094	1	1.81	0.019	0.34	0.2	0.01	5.8	0.1	<0.05	6	<0.5



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Project: WHT  
Report Date: August 19, 2009

Page: 7 of 11 Part 1

## CERTIFICATE OF ANALYSIS

VAN09003526.1

		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
WHT-49892	Soil	1.2	23.5	9.3	62	0.2	31.0	12.2	407	2.99	10.3	0.6	0.9	4.2	20	0.2	0.9	0.1	64	0.35	0.035	
WHT-49893	Soil	1.5	79.5	8.4	104	0.2	71.3	21.0	589	3.95	11.1	1.1	4.0	7.1	42	0.2	0.8	0.1	79	1.44	0.096	
WHT-49894	Soil	1.0	38.8	18.5	65	1.1	39.0	12.8	471	2.96	15.6	0.5	3.2	3.9	27	0.3	1.1	0.1	67	0.42	0.034	
WHT-49895	Soil	1.3	69.9	7.6	90	0.1	56.6	18.2	543	3.65	7.6	1.1	11.1	7.6	25	0.1	0.5	0.1	75	0.44	0.114	
WHT-49896	Soil	1.1	47.1	16.1	70	0.3	60.4	13.8	415	3.07	15.1	0.7	5.9	4.6	29	0.1	1.3	0.1	68	0.46	0.043	
WHT-49897	Soil	1.2	60.8	6.8	59	0.3	76.9	13.2	385	2.72	19.1	0.6	8.7	3.4	78	0.2	1.2	0.1	62	2.88	0.054	
WHT-49898	Soil	1.2	43.0	6.9	62	0.2	42.3	13.0	457	2.87	16.1	0.5	3.7	3.4	59	0.2	0.9	0.1	66	2.12	0.050	
WHT-49899	Soil	1.2	39.6	6.9	59	0.2	32.7	11.2	453	2.45	21.9	0.6	5.3	3.2	51	0.2	1.0	0.1	55	1.17	0.095	
WHT-49961	Soil	1.4	65.5	4.1	93	<0.1	414.0	41.4	770	4.18	4.5	0.8	0.7	3.8	18	0.2	0.1	<0.1	119	0.66	0.066	
WHT-49962	Soil	0.5	29.5	3.3	55	<0.1	323.3	23.2	649	2.40	2.0	0.3	<0.5	1.2	12	0.1	<0.1	<0.1	45	0.44	0.054	
WHT-49963	Soil	5.4	83.2	7.3	188	0.5	95.8	20.9	480	5.54	11.0	1.4	4.2	5.5	21	0.9	0.8	0.1	125	0.54	0.117	
WHT-49964	Soil	2.9	70.9	8.8	175	0.4	62.4	14.1	460	3.54	9.7	1.0	5.7	3.9	29	0.7	0.6	0.2	76	0.53	0.054	
WHT-49966	Soil	0.9	30.1	7.8	53	<0.1	27.5	11.3	408	3.00	5.4	0.8	2.0	5.8	23	<0.1	0.4	0.1	62	0.28	0.031	
WHT-49967	Soil	2.0	62.0	10.5	98	<0.1	94.6	17.3	572	3.94	6.2	1.1	7.4	5.8	23	0.1	0.4	0.2	85	0.30	0.036	
WHT-49968	Soil	0.8	42.1	6.0	54	0.2	120.5	19.6	410	3.15	8.5	0.4	2.1	3.3	28	<0.1	0.4	0.1	82	0.59	0.027	
WHT-49970	Soil	0.2	86.4	1.5	41	<0.1	39.5	16.9	518	2.88	2.1	0.1	1.7	0.8	10	<0.1	0.2	<0.1	94	0.49	0.056	
WHT-49971	Soil	0.2	99.7	1.1	42	<0.1	29.1	18.3	405	2.77	1.1	0.1	6.4	0.4	13	<0.1	<0.1	<0.1	85	0.58	0.075	
WHT-49972	Soil	0.6	74.0	5.5	37	<0.1	29.8	18.3	275	2.58	6.9	0.4	1.4	2.0	21	<0.1	0.3	<0.1	64	0.31	0.018	
WHT-49975	Soil	0.5	55.7	7.5	59	<0.1	26.6	11.9	402	2.87	6.2	0.7	2.3	4.4	36	<0.1	0.4	0.1	70	0.82	0.047	
WHT-49976	Soil	0.4	96.2	6.0	83	<0.1	25.3	17.0	622	2.98	3.6	0.8	7.6	5.2	24	<0.1	0.3	0.1	97	0.51	0.084	
WHT-49977	Soil	0.5	123.1	3.2	56	<0.1	19.3	14.5	299	2.77	3.7	0.2	0.6	1.0	26	0.1	0.5	<0.1	80	0.50	0.067	
WHT-49979	Soil	0.5	118.0	3.7	47	<0.1	19.4	12.9	299	2.51	3.7	1.0	3.5	1.2	35	<0.1	0.5	<0.1	73	0.55	0.051	
WHT-49811	Soil	0.3	70.2	3.9	27	0.1	39.5	14.7	248	1.87	5.2	0.2	14.7	0.8	21	0.1	0.3	<0.1	54	0.47	0.023	
WHT-49980	Soil	0.3	112.5	5.9	55	0.1	26.2	12.6	415	2.50	4.2	1.0	3.5	2.9	44	0.1	0.4	0.2	70	1.10	0.065	
WHT-49981	Soil	0.4	199.1	3.7	72	<0.1	28.7	19.8	531	3.49	3.8	0.3	9.0	1.2	30	0.1	0.2	<0.1	114	0.72	0.070	
WHT-49983	Soil	0.7	62.4	3.9	51	<0.1	17.5	10.3	281	2.33	3.7	0.3	1.7	1.1	22	0.1	0.2	<0.1	75	0.33	0.042	
WHT-49984	Soil	0.7	83.0	5.1	51	<0.1	20.4	10.6	321	2.67	5.2	0.4	2.6	1.3	31	0.2	0.3	<0.1	84	0.56	0.049	
WHT-49985	Soil	0.6	126.6	3.7	55	<0.1	19.5	13.9	329	2.72	3.2	0.2	4.5	1.0	28	0.1	0.2	<0.1	96	0.47	0.059	
WHT-49986	Soil	0.8	50.3	4.8	50	<0.1	21.1	14.3	397	2.90	4.8	0.2	<0.5	1.4	29	<0.1	0.3	<0.1	93	0.46	0.051	
WHT-49987	Soil	0.3	105.5	2.6	24	<0.1	17.9	13.9	240	1.70	2.1	0.7	1.5	0.6	30	<0.1	0.2	<0.1	51	0.72	0.054	



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Report Date: August 19, 2009

Page: 7 of 11 Part 2

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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
WHT-49892	Soil	13	42	0.51	313	0.076	1	1.61	0.015	0.19	0.1	0.02	4.9	0.1	<0.05	5	<0.5
WHT-49893	Soil	25	69	1.14	388	0.114	2	1.97	0.019	0.55	0.2	0.03	5.6	0.3	<0.05	6	0.8
WHT-49894	Soil	15	43	0.57	315	0.079	<1	1.54	0.021	0.18	0.1	0.04	5.2	<0.1	<0.05	5	<0.5
WHT-49895	Soil	31	67	1.01	360	0.112	<1	1.92	0.013	0.66	0.1	0.02	5.3	0.3	<0.05	6	0.8
WHT-49896	Soil	16	43	0.66	333	0.084	1	1.47	0.030	0.13	0.2	0.04	4.8	<0.1	<0.05	4	0.5
WHT-49897	Soil	15	47	0.76	413	0.076	4	1.38	0.029	0.12	0.2	0.05	4.1	0.1	<0.05	4	0.7
WHT-49898	Soil	13	42	0.62	468	0.068	2	1.50	0.022	0.19	0.2	0.03	4.7	0.1	<0.05	4	<0.5
WHT-49899	Soil	13	29	0.56	338	0.059	2	1.14	0.024	0.14	0.2	0.04	4.0	0.1	<0.05	3	0.7
WHT-49961	Soil	14	539	4.34	697	0.131	<1	3.44	0.015	0.37	<0.1	0.01	8.8	0.3	<0.05	10	0.7
WHT-49962	Soil	6	485	3.01	242	0.043	<1	1.90	0.008	0.07	<0.1	0.01	3.7	<0.1	<0.05	5	<0.5
WHT-49963	Soil	25	64	0.93	805	0.057	1	1.67	0.013	0.09	0.1	0.04	9.1	<0.1	<0.05	6	3.4
WHT-49964	Soil	17	45	0.50	717	0.065	<1	1.70	0.025	0.06	0.1	0.08	6.0	<0.1	<0.05	5	1.5
WHT-49966	Soil	20	35	0.47	236	0.086	<1	1.46	0.013	0.07	<0.1	0.02	4.9	0.1	<0.05	4	<0.5
WHT-49967	Soil	21	82	0.79	574	0.089	<1	1.68	0.018	0.09	0.1	0.02	6.8	0.1	<0.05	5	0.7
WHT-49968	Soil	14	146	1.24	803	0.095	1	1.77	0.026	0.09	0.1	0.05	7.4	<0.1	<0.05	6	0.5
WHT-49970	Soil	4	115	1.75	118	0.067	<1	1.65	0.027	0.04	<0.1	0.02	5.8	<0.1	<0.05	5	<0.5
WHT-49971	Soil	3	83	1.29	225	0.098	<1	1.63	0.030	0.23	<0.1	<0.01	6.3	0.2	<0.05	5	<0.5
WHT-49972	Soil	7	61	0.81	176	0.077	<1	1.70	0.017	0.06	0.1	<0.01	3.8	<0.1	<0.05	4	<0.5
WHT-49975	Soil	12	38	0.77	368	0.094	<1	1.63	0.035	0.13	0.2	0.02	4.6	<0.1	<0.05	5	<0.5
WHT-49976	Soil	12	23	1.18	391	0.154	<1	1.81	0.015	0.63	0.1	0.01	3.7	0.4	<0.05	5	<0.5
WHT-49977	Soil	3	28	1.00	294	0.105	<1	1.74	0.022	0.23	<0.1	<0.01	3.3	<0.1	<0.05	5	<0.5
WHT-49979	Soil	5	28	0.80	208	0.080	2	1.64	0.021	0.13	<0.1	<0.01	3.3	<0.1	<0.05	4	<0.5
WHT-49811	Soil	4	65	0.88	69	0.058	<1	1.30	0.019	0.03	<0.1	0.03	3.3	<0.1	<0.05	4	<0.5
WHT-49980	Soil	12	37	0.86	547	0.103	1	1.47	0.031	0.24	0.1	0.02	4.2	0.1	<0.05	5	0.6
WHT-49981	Soil	5	43	1.28	229	0.111	1	1.97	0.024	0.10	0.1	0.02	4.6	<0.1	<0.05	6	<0.5
WHT-49983	Soil	6	32	0.66	215	0.108	<1	1.38	0.022	0.14	<0.1	0.01	2.3	<0.1	<0.05	5	<0.5
WHT-49984	Soil	7	29	0.69	463	0.114	<1	1.61	0.022	0.10	0.1	0.03	2.9	<0.1	<0.05	6	<0.5
WHT-49985	Soil	4	26	0.87	327	0.144	<1	1.58	0.029	0.11	0.1	<0.01	3.2	<0.1	<0.05	6	<0.5
WHT-49986	Soil	5	35	0.87	459	0.128	<1	1.82	0.022	0.09	0.1	0.01	3.3	<0.1	<0.05	6	<0.5
WHT-49987	Soil	3	38	0.62	182	0.061	<1	0.98	0.027	0.06	0.1	0.02	3.0	<0.1	<0.05	4	<0.5



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Project: WHT  
Report Date: August 19, 2009

Page: 8 of 11 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
		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
WHT-49989	Soil	0.3	77.9	2.6	24	<0.1	30.5	11.3	112	1.18	6.9	0.2	2.4	0.4	11	<0.1	0.2	<0.1	30	0.18
WHT-49990	Soil	0.2	49.1	1.8	14	<0.1	15.3	5.4	73	0.62	5.3	<0.1	<0.5	0.2	6	<0.1	0.2	<0.1	21	0.15
WHT-49991	Soil	0.2	78.8	2.0	15	<0.1	31.3	8.7	98	1.01	3.5	0.1	1.2	0.5	9	<0.1	0.2	<0.1	25	0.24
WHT-49992	Soil	0.2	89.7	1.7	16	<0.1	32.6	9.4	125	1.03	4.1	0.2	1.7	0.5	11	<0.1	0.2	<0.1	25	0.29
WHT-53005	Soil	2.3	63.9	9.3	144	0.3	101.9	19.4	836	4.02	11.9	1.1	8.5	4.0	40	1.2	3.1	0.2	64	0.56
WHT-53010	Soil	2.7	82.1	6.9	165	0.4	91.7	19.4	462	4.51	14.8	2.7	4.8	9.9	36	0.6	4.5	0.2	58	0.56
WHT-53014	Soil	4.3	47.7	8.3	122	0.5	48.5	13.6	655	3.65	13.2	0.9	1.4	3.3	23	1.4	3.7	0.2	59	0.24
WHT-53020	Soil	0.6	32.6	6.3	47	0.1	22.6	10.7	410	2.84	5.8	0.9	5.9	3.1	23	<0.1	0.5	0.1	66	0.54
WHT-53022	Soil	0.9	23.5	7.8	47	<0.1	16.2	7.5	294	2.59	6.1	1.4	3.1	7.4	20	<0.1	0.3	0.2	49	0.33
WHT-53023	Soil	1.0	20.7	8.8	54	<0.1	18.8	9.7	390	2.95	6.3	1.1	1.2	6.2	16	<0.1	0.5	0.3	57	0.22
WHT-53024	Soil	1.2	17.8	7.3	52	<0.1	15.7	7.7	355	2.92	5.0	1.4	3.6	9.4	21	<0.1	0.3	0.4	47	0.36
WHT-53025	Soil	2.1	15.6	8.8	64	<0.1	11.5	6.9	657	3.19	2.9	1.8	0.6	11.8	22	0.1	0.3	0.5	35	0.52
WHT-53026	Soil	0.4	15.7	10.8	47	<0.1	16.5	7.4	250	2.31	5.4	0.9	1.9	5.1	19	<0.1	0.3	0.2	49	0.28
WHT-53032	Soil	0.8	14.4	7.0	41	<0.1	18.6	9.7	210	2.87	8.2	0.6	1.4	3.7	13	0.1	0.4	0.2	62	0.18
WHT-53033	Soil	0.8	28.3	9.5	64	0.2	109.0	11.7	356	2.52	4.0	1.9	0.9	5.6	19	0.2	0.2	0.1	59	0.33
WHT-53035	Soil	0.9	36.9	9.5	76	<0.1	167.9	20.6	534	3.30	2.6	1.5	1.1	9.8	30	0.2	<0.1	0.1	71	0.68
WHT-53036	Soil	1.4	23.7	6.6	71	<0.1	146.0	15.9	416	3.00	3.4	1.3	6.6	12.7	23	0.2	0.1	0.2	58	0.51
WHT-53037	Soil	1.0	31.9	5.9	67	<0.1	385.6	28.5	689	3.33	2.3	1.3	<0.5	6.0	21	0.2	0.1	0.1	59	0.61
WHT-53038	Soil	1.0	38.1	9.6	85	0.1	45.5	24.0	1061	3.46	3.5	1.7	4.3	7.2	21	0.2	0.1	0.2	73	0.44
WHT-53039	Soil	0.9	18.3	13.8	76	<0.1	24.8	11.4	423	2.94	4.5	1.6	0.5	10.4	19	0.2	0.2	0.3	57	0.37
WHT-53040	Soil	1.1	17.0	7.8	57	<0.1	15.3	7.3	384	2.51	4.4	1.9	2.0	7.5	28	0.1	0.3	0.2	47	0.47
WHT-53041	Soil	1.0	18.1	7.8	65	<0.1	24.0	12.2	508	3.29	4.9	1.6	1.2	8.1	26	<0.1	0.3	0.2	58	0.48
WHT-53044	Soil	1.3	14.4	7.0	41	<0.1	9.2	5.1	268	2.47	4.6	1.2	1.9	3.5	13	0.2	0.2	0.2	56	0.11
WHT-53046	Soil	1.5	21.7	7.4	72	<0.1	16.0	9.3	556	3.39	4.5	3.0	1.1	8.9	20	0.1	0.2	0.3	58	0.23
WHT-53051	Soil	1.0	11.2	4.8	57	<0.1	15.6	9.3	435	2.54	3.2	1.1	1.8	4.3	18	<0.1	0.1	0.2	50	0.23
WHT-53151	Soil	2.5	34.2	15.7	89	0.2	24.7	5.4	74	2.50	167.3	2.7	10.6	6.6	22	0.2	5.0	0.2	30	0.12
WHT-53153	Soil	3.2	94.2	9.1	184	0.3	66.4	18.8	553	4.01	63.7	2.8	13.6	6.2	40	0.5	1.7	0.1	88	0.56
WHT-53154	Soil	1.9	63.7	8.1	100	0.3	44.7	13.1	433	3.34	26.0	1.4	7.2	5.9	27	0.2	1.0	0.2	73	0.38
WHT-53155	Soil	2.1	37.4	8.7	66	0.3	24.4	9.3	296	2.83	43.8	1.1	2.6	3.2	41	0.3	1.6	0.2	55	0.47
WHT-53156	Soil	1.1	32.6	8.1	65	0.2	31.2	11.3	342	2.76	31.5	0.7	4.1	4.3	27	0.1	1.1	0.2	59	0.47



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**Project:** WHT  
**Report Date:** August 19, 2009

**Page:** 8 of 11 **Part** 2

## CERTIFICATE OF ANALYSIS

VAN09003526.1

	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
WHT-49989	Soil	2	40	0.45	37	0.029	2	0.76	0.009	0.01	<0.1	<0.01	1.6	<0.1	<0.05	2	<0.5
WHT-49990	Soil	2	22	0.27	24	0.021	2	0.44	0.008	0.01	<0.1	0.01	1.4	<0.1	<0.05	2	<0.5
WHT-49991	Soil	2	59	0.54	46	0.025	2	0.89	0.008	0.01	<0.1	<0.01	2.1	<0.1	<0.05	2	<0.5
WHT-49992	Soil	2	63	0.57	50	0.023	2	0.91	0.008	0.02	<0.1	<0.01	2.5	<0.1	<0.05	2	<0.5
WHT-53005	Soil	16	63	0.49	450	0.033	4	1.25	0.012	0.18	0.2	0.05	7.0	0.3	<0.05	4	1.7
WHT-53010	Soil	34	59	0.63	463	0.037	2	1.12	0.015	0.27	0.1	0.03	6.1	0.3	0.07	4	1.9
WHT-53014	Soil	13	33	0.32	450	0.035	2	0.93	0.013	0.17	0.1	0.01	3.0	0.2	<0.05	4	1.1
WHT-53020	Soil	12	35	0.46	419	0.045	2	1.58	0.015	0.05	0.2	0.03	5.6	<0.1	<0.05	5	<0.5
WHT-53022	Soil	31	30	0.57	451	0.067	2	1.49	0.011	0.06	0.1	0.02	3.7	<0.1	<0.05	5	<0.5
WHT-53023	Soil	14	34	0.61	238	0.085	<1	1.78	0.010	0.10	0.2	0.02	3.0	0.1	<0.05	6	<0.5
WHT-53024	Soil	30	30	0.57	441	0.080	1	1.74	0.015	0.14	0.2	<0.01	3.7	0.1	<0.05	6	<0.5
WHT-53025	Soil	39	21	0.64	475	0.086	1	1.71	0.009	0.34	0.2	0.02	3.1	0.2	<0.05	7	<0.5
WHT-53026	Soil	15	29	0.49	245	0.057	1	1.48	0.012	0.04	0.2	0.01	2.9	<0.1	<0.05	4	<0.5
WHT-53032	Soil	9	34	0.45	162	0.067	2	1.95	0.013	0.05	0.2	0.01	2.6	<0.1	<0.05	5	<0.5
WHT-53033	Soil	29	129	0.99	385	0.067	<1	1.66	0.012	0.11	0.1	0.03	3.8	0.2	<0.05	7	0.5
WHT-53035	Soil	26	194	2.03	359	0.129	<1	2.28	0.015	0.36	<0.1	0.01	4.0	0.3	<0.05	7	<0.5
WHT-53036	Soil	27	164	1.49	235	0.101	2	1.92	0.016	0.27	0.3	<0.01	3.2	0.3	<0.05	7	<0.5
WHT-53037	Soil	26	347	1.83	269	0.100	2	1.93	0.013	0.20	<0.1	0.01	4.8	0.4	<0.05	7	0.5
WHT-53038	Soil	35	64	1.09	366	0.118	<1	2.11	0.016	0.29	<0.1	0.01	4.6	0.2	<0.05	8	<0.5
WHT-53039	Soil	30	46	0.81	304	0.101	2	1.81	0.011	0.17	0.2	0.02	3.2	0.2	<0.05	6	<0.5
WHT-53040	Soil	32	27	0.49	351	0.095	2	1.74	0.013	0.16	0.2	0.03	2.7	0.2	<0.05	6	<0.5
WHT-53041	Soil	24	38	0.87	259	0.121	1	1.93	0.015	0.23	0.2	0.01	2.9	0.2	<0.05	7	<0.5
WHT-53044	Soil	16	18	0.31	111	0.114	1	1.26	0.011	0.13	0.2	0.02	1.6	0.1	<0.05	8	<0.5
WHT-53046	Soil	76	28	0.63	282	0.126	2	2.15	0.015	0.23	0.2	0.03	3.6	0.2	<0.05	10	<0.5
WHT-53051	Soil	21	33	0.65	139	0.124	<1	1.60	0.012	0.19	0.1	0.02	2.7	0.2	<0.05	7	<0.5
WHT-53151	Soil	15	16	0.11	294	0.007	1	0.50	0.009	0.10	0.1	0.05	3.7	0.2	0.06	1	6.5
WHT-53153	Soil	22	66	0.81	664	0.080	<1	1.56	0.011	0.55	0.1	0.02	6.3	0.4	0.07	5	1.3
WHT-53154	Soil	20	46	0.56	429	0.076	<1	1.58	0.014	0.30	0.2	0.02	5.8	0.2	<0.05	4	0.7
WHT-53155	Soil	12	33	0.37	561	0.037	3	1.51	0.011	0.12	0.2	0.02	4.3	0.2	<0.05	4	1.0
WHT-53156	Soil	15	38	0.46	405	0.071	2	1.44	0.014	0.14	0.2	0.04	4.9	0.1	<0.05	4	<0.5



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Project: WHT  
Report Date: August 19, 2009

Page: 9 of 11 Part 1

## CERTIFICATE OF ANALYSIS

VAN09003526.1

	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 ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
WHT-53158	Soil	3.1	73.6	8.4	105	0.8	43.6	11.3	421	2.94	125.7	2.0	18.7	3.0	45	0.8	3.8	0.1	52	0.54	0.086
WHT-53159	Soil	6.5	109.5	6.3	186	0.9	46.3	16.2	636	4.62	119.2	3.7	10.2	7.0	59	1.5	2.9	0.1	120	0.48	0.194
WHT-53164	Soil	1.3	59.8	6.9	137	0.3	69.8	17.1	794	2.90	14.1	1.5	3.9	3.2	49	0.6	1.0	0.1	57	1.38	0.124
WHT-53166	Soil	1.8	48.3	5.4	82	0.2	38.3	12.7	433	2.79	10.0	1.5	16.3	3.9	84	0.6	0.9	0.1	69	2.60	0.126
WHT-53167	Soil	1.4	55.0	5.9	73	0.3	36.0	11.1	434	2.51	11.2	1.2	3.7	3.0	74	0.3	0.8	0.1	62	3.09	0.100
WHT-53169	Soil	1.6	59.6	4.1	73	0.3	37.9	15.2	300	2.95	7.1	1.7	5.5	5.9	169	0.4	0.6	<0.1	65	7.17	0.095
WHT-53171	Soil	2.0	63.2	7.6	159	0.3	70.9	14.7	440	3.31	17.6	1.5	2.1	6.0	48	0.6	2.8	0.2	55	0.67	0.103
WHT-53172	Soil	3.4	56.7	7.9	111	0.3	40.5	10.4	370	3.26	18.5	1.7	2.8	5.3	41	0.4	1.0	0.2	85	0.44	0.110
WHT-53175	Soil	5.7	89.4	9.5	274	0.7	75.9	16.5	1080	5.08	10.4	2.6	1.1	8.0	60	2.1	7.4	0.3	104	0.48	0.170
WHT-53176	Soil	3.7	87.4	7.3	183	0.4	60.9	19.3	463	3.62	18.9	2.7	2.0	4.7	49	1.1	1.6	0.2	82	0.47	0.107
WHT-53183	Soil	2.1	19.1	8.3	75	0.5	21.4	6.2	173	2.94	185.3	1.3	10.0	3.5	40	0.2	5.1	0.2	49	0.42	0.123
WHT-53282	Soil	1.1	12.0	9.9	51	<0.1	18.7	9.0	318	3.36	8.7	0.6	0.8	4.9	15	<0.1	0.5	0.2	66	0.18	0.049
WHT-53283	Soil	1.2	16.5	8.6	66	<0.1	14.5	8.3	485	3.27	4.8	1.4	3.4	9.9	21	<0.1	0.2	0.4	48	0.35	0.069
WHT-53284	Soil	1.2	14.2	11.5	50	<0.1	11.6	6.7	285	2.37	3.9	1.2	2.2	9.0	17	0.1	0.2	0.3	48	0.18	0.032
WHT-53285	Soil	1.2	13.4	8.7	62	<0.1	14.5	8.2	508	2.86	4.9	1.6	2.1	10.0	35	0.1	0.2	0.3	49	0.59	0.064
WHT-53286	Soil	0.9	12.9	8.0	56	<0.1	14.9	7.3	351	2.61	3.9	1.5	3.3	8.8	22	0.1	0.2	0.3	48	0.30	0.049
WHT-53288	Soil	0.9	17.5	7.3	64	<0.1	18.3	8.3	425	2.78	5.7	1.0	3.2	5.9	19	0.1	0.3	0.2	50	0.27	0.061
WHT-53290	Soil	1.1	16.9	6.7	56	<0.1	19.3	9.5	321	3.23	7.3	0.7	5.3	4.9	20	0.1	0.3	0.2	67	0.24	0.058
WHT-53291	Soil	1.3	12.1	5.7	37	<0.1	13.4	6.8	246	2.40	5.0	0.7	2.6	3.2	18	0.1	0.3	0.2	65	0.26	0.041
WHT-53292	Soil	1.3	12.6	6.7	47	<0.1	14.2	7.0	262	2.62	6.2	0.7	3.4	3.7	25	0.1	0.3	0.2	64	0.37	0.042
WHT-53293	Soil	1.0	18.6	7.6	54	<0.1	17.1	8.4	279	2.80	5.3	1.3	1.6	5.7	33	0.2	0.3	0.2	61	0.48	0.047
WHT-53294	Soil	0.8	16.3	6.0	51	<0.1	20.5	9.0	294	2.91	5.3	1.0	2.9	5.9	33	<0.1	0.3	0.2	60	0.50	0.058
WHT-53301	Soil	0.6	23.7	7.0	50	<0.1	20.3	9.6	373	2.91	7.4	1.4	2.7	8.1	26	<0.1	0.4	0.1	61	0.33	0.041
WHT-53303	Soil	1.0	19.0	7.7	63	<0.1	16.1	10.2	517	3.03	8.3	1.1	1.2	7.4	20	<0.1	0.5	0.2	57	0.19	0.036
WHT-53304	Soil	0.7	21.4	6.9	47	<0.1	28.5	11.0	343	2.85	9.0	0.9	0.9	8.4	23	<0.1	0.4	0.1	58	0.22	0.029
WHT-53305	Soil	1.0	21.3	7.6	49	<0.1	19.4	11.1	349	3.09	8.5	0.8	2.3	4.9	20	<0.1	0.4	0.2	57	0.24	0.050
WHT-53307	Soil	1.6	16.3	7.5	63	<0.1	18.9	10.4	384	3.45	10.4	1.3	4.9	6.7	17	0.1	0.3	0.3	62	0.17	0.050
WHT-53309	Soil	2.5	14.0	6.2	56	<0.1	9.8	4.7	253	2.39	6.9	1.9	1.8	7.0	20	<0.1	0.2	0.3	52	0.22	0.043
WHT-53310	Soil	0.7	11.3	6.5	48	<0.1	10.5	4.3	167	1.89	4.8	1.5	1.6	5.7	22	0.1	0.2	0.2	35	0.24	0.050
WHT-53311	Soil	0.7	11.1	5.8	39	<0.1	8.9	3.2	125	2.25	7.2	1.4	1.0	4.3	18	<0.1	0.2	0.5	42	0.20	0.051





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**Page:** 9 of 11 **Part** 2

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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
WHT-53158	Soil	14	30	0.37	515	0.030	4	1.24	0.015	0.13	0.2	0.07	4.0	0.3	<0.05	4	2.1
WHT-53159	Soil	28	81	1.04	914	0.120	<1	1.78	0.031	0.75	<0.1	0.03	4.9	0.6	0.35	6	3.6
WHT-53164	Soil	15	32	0.61	437	0.064	3	1.28	0.020	0.22	0.2	0.04	4.5	0.2	<0.05	4	<0.5
WHT-53166	Soil	16	37	0.96	545	0.100	2	1.22	0.029	0.26	0.3	0.01	3.7	0.1	<0.05	4	0.9
WHT-53167	Soil	13	33	0.71	537	0.071	3	1.16	0.022	0.19	0.2	0.04	3.6	0.2	0.06	4	1.4
WHT-53169	Soil	25	41	1.00	580	0.092	2	1.23	0.025	0.37	0.1	0.02	4.1	0.2	0.16	4	1.0
WHT-53171	Soil	22	35	0.57	422	0.056	2	1.36	0.022	0.27	0.2	0.03	4.8	0.2	0.08	4	1.8
WHT-53172	Soil	18	46	0.63	557	0.081	2	1.44	0.025	0.37	0.2	0.02	5.5	0.2	0.11	5	2.5
WHT-53175	Soil	30	59	0.84	1030	0.086	2	1.58	0.036	0.65	<0.1	0.03	5.8	0.4	0.26	6	4.4
WHT-53176	Soil	21	52	0.66	678	0.080	4	1.59	0.024	0.27	0.1	0.03	4.8	0.2	0.10	5	3.5
WHT-53183	Soil	13	31	0.36	431	0.019	2	1.53	0.011	0.15	0.2	0.02	4.5	0.4	0.07	4	1.4
WHT-53282	Soil	13	29	0.43	156	0.087	8	1.73	0.013	0.08	0.2	0.02	2.6	<0.1	<0.05	6	<0.5
WHT-53283	Soil	30	23	0.67	339	0.109	2	1.79	0.016	0.29	0.1	0.03	3.6	0.3	<0.05	8	<0.5
WHT-53284	Soil	34	23	0.46	246	0.086	2	1.58	0.016	0.11	0.1	0.02	2.9	0.1	<0.05	7	<0.5
WHT-53285	Soil	56	24	0.59	397	0.104	2	1.74	0.018	0.16	0.2	0.02	3.3	0.2	<0.05	7	<0.5
WHT-53286	Soil	36	23	0.48	301	0.075	2	1.74	0.022	0.12	0.2	0.02	3.4	0.1	<0.05	6	<0.5
WHT-53288	Soil	24	27	0.52	202	0.084	2	1.59	0.017	0.18	0.1	0.02	3.0	0.1	<0.05	6	<0.5
WHT-53290	Soil	15	30	0.63	131	0.119	3	1.89	0.019	0.13	0.2	0.02	3.4	0.1	<0.05	7	<0.5
WHT-53291	Soil	11	24	0.42	110	0.099	<1	1.39	0.016	0.07	0.1	0.05	2.8	<0.1	<0.05	6	<0.5
WHT-53292	Soil	16	29	0.52	207	0.101	2	1.72	0.020	0.11	0.1	0.02	3.1	0.1	<0.05	7	<0.5
WHT-53293	Soil	33	33	0.56	334	0.095	2	1.90	0.021	0.11	0.1	0.04	3.8	0.1	<0.05	7	0.6
WHT-53294	Soil	30	34	0.63	333	0.102	1	1.87	0.021	0.10	0.1	0.02	4.6	0.1	<0.05	7	<0.5
WHT-53301	Soil	41	32	0.61	281	0.102	<1	1.90	0.017	0.10	0.2	0.02	5.1	0.1	<0.05	6	<0.5
WHT-53303	Soil	15	28	0.56	193	0.127	1	2.01	0.019	0.24	0.1	0.02	3.1	0.2	<0.05	7	<0.5
WHT-53304	Soil	22	53	0.67	206	0.105	<1	2.12	0.020	0.12	0.1	0.02	4.4	0.2	<0.05	6	<0.5
WHT-53305	Soil	13	32	0.54	173	0.086	2	2.23	0.016	0.09	0.2	0.03	3.4	0.1	<0.05	6	0.6
WHT-53307	Soil	21	30	0.52	146	0.122	2	2.55	0.015	0.12	0.2	0.02	3.0	0.2	<0.05	7	<0.5
WHT-53309	Soil	36	21	0.44	125	0.127	<1	1.52	0.012	0.18	0.2	0.02	2.4	0.2	<0.05	8	<0.5
WHT-53310	Soil	25	22	0.41	120	0.115	<1	1.46	0.016	0.13	0.2	0.05	2.8	0.1	<0.05	7	<0.5
WHT-53311	Soil	19	19	0.34	99	0.086	1	1.19	0.014	0.09	0.2	0.04	2.4	0.1	<0.05	6	<0.5



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Project: WHT  
Report Date: August 19, 2009

Page: 10 of 11 Part 1

## CERTIFICATE OF ANALYSIS

VAN09003526.1

	Method	Analyte	Unit	MDL	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
WHT-53315	Soil																							
WHT-53316	Soil																							
WHT-53319	Soil																							
WHT-53321	Soil																							
WHT-53325	Soil																							
WHT-53326	Soil																							
WHT-53327	Soil																							
WHT-53328	Soil																							
WHT-53329	Soil																							
WHT-53330	Soil																							
WHT-53331	Soil																							
WHT-53332	Soil																							
WHT-53334	Soil																							
WHT-53335	Soil																							
WHT-53336	Soil																							
WHT-53344	Soil																							
WHT-53354	Soil																							
WHT-53355	Soil																							
WHT-53501	Soil																							
WHT-53505	Soil																							
WHT-53511	Soil																							
WHT-53513	Soil																							
WHT-53519	Soil																							
WHT-53520	Soil																							
WHT-53523	Soil																							
WHT-53525	Soil																							
WHT-53528	Soil																							
WHT-53529	Soil																							
WHT-53532	Soil																							
WHT-53535	Soil																							



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Project: WHT  
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Page: 10 of 11 Part 2

## CERTIFICATE OF ANALYSIS

VAN09003526.1

	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
WHT-53315	Soil	21	31	0.63	323	0.106	3	1.86	0.017	0.16	0.1	0.03	3.6	0.1	<0.05	7	<0.5
WHT-53316	Soil	11	35	0.78	196	0.112	2	1.90	0.017	0.08	0.1	0.01	3.8	<0.1	<0.05	7	<0.5
WHT-53319	Soil	7	25	1.08	167	0.123	2	1.90	0.019	0.25	0.1	0.01	4.6	0.1	<0.05	7	<0.5
WHT-53321	Soil	8	28	0.83	137	0.108	2	1.54	0.023	0.07	0.1	0.02	3.9	<0.1	<0.05	6	<0.5
WHT-53325	Soil	17	32	0.73	343	0.122	<1	1.93	0.013	0.43	<0.1	0.02	3.9	0.3	<0.05	7	<0.5
WHT-53326	Soil	35	25	0.56	637	0.026	2	1.39	0.012	0.16	0.2	0.02	4.7	<0.1	<0.05	6	<0.5
WHT-53327	Soil	36	30	0.81	632	0.069	1	1.67	0.009	0.35	0.2	0.02	5.3	0.1	<0.05	9	<0.5
WHT-53328	Soil	26	28	0.51	306	0.050	<1	1.39	0.018	0.10	0.2	0.02	3.2	<0.1	<0.05	4	<0.5
WHT-53329	Soil	32	32	0.57	364	0.067	<1	1.61	0.014	0.09	0.1	0.03	2.7	<0.1	<0.05	5	<0.5
WHT-53330	Soil	39	218	0.96	430	0.062	1	1.63	0.013	0.09	0.2	0.04	4.2	0.1	<0.05	5	<0.5
WHT-53331	Soil	43	48	0.68	493	0.061	1	1.66	0.013	0.11	0.1	0.05	3.8	0.1	<0.05	5	<0.5
WHT-53332	Soil	21	56	0.86	400	0.085	<1	1.63	0.013	0.09	0.2	0.03	3.3	0.1	<0.05	5	<0.5
WHT-53334	Soil	12	89	1.05	315	0.090	<1	2.07	0.013	0.07	0.1	0.02	3.6	0.2	<0.05	6	<0.5
WHT-53335	Soil	21	46	0.81	251	0.101	<1	1.68	0.016	0.14	0.2	0.02	3.5	0.2	<0.05	5	<0.5
WHT-53336	Soil	13	35	0.49	308	0.060	<1	2.37	0.010	0.06	0.1	0.01	2.7	<0.1	<0.05	6	<0.5
WHT-53344	Soil	38	23	0.46	166	0.074	<1	1.72	0.011	0.12	0.2	0.02	2.1	0.1	<0.05	8	<0.5
WHT-53354	Soil	5	19	0.61	137	0.085	<1	1.17	0.019	0.09	<0.1	0.01	2.5	<0.1	<0.05	3	<0.5
WHT-53355	Soil	6	38	0.94	196	0.115	<1	1.85	0.020	0.16	<0.1	0.02	3.2	<0.1	<0.05	6	<0.5
WHT-53501	Soil	13	40	0.44	390	0.063	<1	1.61	0.013	0.10	0.2	0.02	6.1	<0.1	<0.05	4	0.9
WHT-53505	Soil	32	121	0.42	335	0.008	<1	1.02	0.006	0.08	<0.1	0.04	10.7	0.1	<0.05	3	3.9
WHT-53511	Soil	17	31	0.57	208	0.077	<1	1.99	0.012	0.10	<0.1	0.02	3.0	0.1	<0.05	6	<0.5
WHT-53513	Soil	20	24	0.51	214	0.079	<1	1.85	0.008	0.16	0.2	0.02	2.8	0.1	<0.05	6	<0.5
WHT-53519	Soil	104	29	0.62	346	0.100	<1	2.41	0.016	0.17	0.2	0.03	4.2	0.2	<0.05	8	0.7
WHT-53520	Soil	67	26	0.50	209	0.074	<1	1.75	0.016	0.10	0.2	0.04	3.9	0.1	<0.05	6	0.5
WHT-53523	Soil	12	24	0.57	102	0.104	<1	1.51	0.014	0.08	0.2	0.02	2.3	0.1	<0.05	7	<0.5
WHT-53525	Soil	10	26	0.45	81	0.068	<1	1.19	0.013	0.04	0.2	0.03	1.9	<0.1	<0.05	5	<0.5
WHT-53528	Soil	23	21	0.50	173	0.068	<1	1.38	0.014	0.08	0.1	0.03	2.5	0.1	<0.05	6	<0.5
WHT-53529	Soil	9	34	0.85	152	0.102	2	2.00	0.022	0.08	0.1	0.01	3.8	<0.1	<0.05	7	<0.5
WHT-53532	Soil	8	41	1.18	356	0.158	<1	1.83	0.022	0.43	0.2	0.01	3.5	0.2	<0.05	6	<0.5
WHT-53535	Soil	8	41	1.20	503	0.192	<1	2.35	0.021	0.52	0.1	0.01	4.5	0.2	<0.05	7	<0.5



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Project: WHT  
Report Date: August 19, 2009

Page: 11 of 11 Part 1

## CERTIFICATE OF ANALYSIS

VAN09003526.1

	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 ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
WHT-53538	Soil	2.0	22.8	13.9	80	<0.1	39.1	13.5	647	3.64	8.1	1.8	11.9	14.7	24	0.2	0.4	0.3	68	0.42	0.068
WHT-53539	Soil	0.7	20.0	12.0	56	<0.1	23.1	8.7	388	2.49	8.2	1.2	3.2	10.8	23	0.1	0.3	0.2	47	0.37	0.059
WHT-53541	Soil	0.9	15.7	6.6	46	<0.1	53.7	9.9	348	2.61	6.9	1.4	3.0	6.7	26	<0.1	0.3	0.2	50	0.44	0.053
WHT-53543	Soil	1.0	36.5	22.6	116	<0.1	40.7	12.6	384	3.04	4.1	1.2	<0.5	7.2	19	0.3	0.2	0.2	79	0.42	0.090
WHT-53546	Soil	1.2	35.1	13.6	84	0.2	63.2	16.3	788	3.56	6.0	2.2	<0.5	12.6	27	0.2	0.2	0.2	88	0.56	0.090
WHT-53653	Soil	2.6	45.9	8.3	149	0.3	48.7	14.9	599	3.86	62.8	1.9	11.4	4.7	36	0.8	3.3	0.1	68	0.87	0.152
WHT-53655	Soil	2.6	60.0	7.9	151	0.3	48.4	13.6	520	3.35	10.3	1.1	1.4	6.0	31	1.1	7.3	0.2	45	0.28	0.061
WHT-53656	Soil	1.8	42.1	6.9	90	0.2	33.1	10.2	263	3.12	8.0	1.0	1.4	4.5	25	0.3	0.6	0.1	65	0.40	0.085
WHT-53658	Soil	2.4	64.7	6.6	118	0.5	48.9	16.4	656	3.47	4.6	2.3	6.4	4.1	40	0.9	1.4	0.1	73	0.93	0.120
WHT-53659	Soil	1.2	101.7	5.4	79	0.3	388.6	49.0	628	4.10	27.9	0.7	18.9	2.4	22	0.2	0.8	0.2	81	0.71	0.085
WHT-53660	Soil	1.8	43.3	7.3	91	0.4	39.0	11.6	484	3.10	9.2	1.7	3.4	3.4	37	0.6	1.8	0.1	63	0.74	0.090
WHT-53661	Soil	1.7	34.5	6.5	91	0.3	30.8	9.6	301	2.78	11.5	1.1	7.0	3.4	31	0.4	2.4	0.1	56	0.42	0.082
WHT-53662	Soil	2.6	58.6	7.7	158	0.4	76.5	13.2	438	3.82	32.1	1.8	4.6	5.1	43	0.9	3.5	0.2	62	0.40	0.104
WHT-53665	Soil	2.9	60.1	9.4	161	0.3	54.5	12.4	473	3.39	4.9	1.2	7.2	5.7	29	0.7	1.3	0.2	55	0.52	0.145
WHT-53666	Soil	1.8	61.8	6.2	115	0.4	70.4	13.1	395	3.13	4.6	2.2	5.0	4.6	31	0.4	1.2	0.1	65	0.52	0.104
WHT-53667	Soil	1.8	49.7	6.1	101	0.4	82.3	13.5	544	3.01	8.9	2.2	7.3	2.0	42	0.9	1.8	0.1	53	1.15	0.093
WHT-53677	Soil	1.1	26.0	10.3	71	0.3	28.7	10.7	438	2.77	53.6	0.7	4.2	2.5	27	0.3	2.4	0.2	51	0.32	0.062
WHT-53681	Soil	1.4	100.8	8.8	151	0.5	83.1	28.4	605	3.97	6.0	1.4	8.1	3.7	33	1.1	1.7	0.2	73	0.44	0.131
WHT-53683	Soil	0.9	21.7	8.6	44	<0.1	56.7	11.2	568	2.65	6.2	1.9	2.6	7.9	24	<0.1	0.2	0.2	50	0.45	0.048
WHT-53684	Soil	1.0	22.6	10.6	52	<0.1	42.6	10.0	488	2.76	5.5	1.9	1.4	11.9	21	0.1	0.3	0.2	49	0.43	0.054
WHT-53686	Soil	1.0	19.6	10.0	56	<0.1	56.7	11.8	378	2.77	5.1	1.4	2.3	8.1	20	0.1	0.2	0.2	62	0.38	0.058
WHT-53687	Soil	1.1	24.6	15.6	88	<0.1	143.1	17.8	486	3.14	4.6	1.3	1.9	6.9	20	0.2	0.2	0.2	72	0.39	0.067
WHT-53690	Soil	0.9	13.9	7.2	54	<0.1	16.3	9.7	431	2.92	6.9	0.9	1.3	4.8	18	<0.1	0.3	0.2	58	0.22	0.045
WHT-53692	Soil	0.6	16.3	4.5	60	<0.1	10.0	6.9	664	3.06	2.8	1.1	0.9	13.3	17	<0.1	0.2	<0.1	26	0.23	0.062
WHT-53695	Soil	1.3	15.7	6.6	43	<0.1	8.6	5.5	441	2.85	5.1	1.4	6.5	5.8	17	<0.1	0.2	0.2	42	0.25	0.081
WHT-53696	Soil	0.9	18.0	6.0	67	<0.1	10.8	7.8	564	3.06	3.3	1.4	1.5	10.3	16	0.1	0.2	0.4	37	0.29	0.081
WHT-53697	Soil	1.5	12.4	8.7	54	<0.1	15.0	7.3	310	3.61	8.9	0.8	3.7	4.6	12	0.1	0.4	0.3	75	0.14	0.052
WHT-53732	Soil	1.8	12.2	7.5	49	<0.1	11.6	6.5	382	2.73	4.0	2.0	1.1	9.9	16	<0.1	0.2	0.4	42	0.20	0.039
WHT-53733	Soil	0.9	6.6	4.9	50	<0.1	12.0	9.1	450	3.23	2.2	2.1	0.7	10.5	17	<0.1	0.2	0.2	54	0.33	0.093
WHT-53734	Soil	0.7	7.4	3.9	52	<0.1	15.3	10.1	443	2.84	2.7	1.5	1.0	6.5	22	<0.1	0.1	0.1	50	0.37	0.095



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Page: 11 of 11 Part 2

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VAN09003526.1

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		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
WHT-53538	Soil	25	49	0.76	380	0.072	<1	1.94	0.014	0.22	0.2	0.02	5.8	0.2	<0.05	6	<0.5
WHT-53539	Soil	28	33	0.59	323	0.095	<1	1.58	0.015	0.12	0.1	0.02	2.9	0.1	<0.05	5	<0.5
WHT-53541	Soil	21	57	0.66	391	0.082	<1	1.43	0.018	0.08	0.1	0.01	3.3	<0.1	<0.05	4	<0.5
WHT-53543	Soil	18	58	0.99	520	0.111	<1	2.06	0.015	0.21	0.1	0.02	3.9	0.2	<0.05	7	<0.5
WHT-53546	Soil	31	91	1.29	597	0.147	<1	2.63	0.016	0.34	0.4	0.03	4.5	0.4	<0.05	8	<0.5
WHT-53653	Soil	20	37	0.59	625	0.050	2	1.16	0.014	0.30	0.1	0.03	5.6	0.3	<0.05	4	1.6
WHT-53655	Soil	20	24	0.27	388	0.024	<1	0.97	0.014	0.10	0.2	0.03	3.1	0.1	<0.05	3	2.8
WHT-53656	Soil	13	41	0.70	392	0.091	<1	1.65	0.016	0.23	0.1	0.02	3.5	0.2	<0.05	5	1.0
WHT-53658	Soil	21	44	0.67	702	0.057	1	1.49	0.017	0.18	0.1	0.06	5.6	0.2	<0.05	4	1.6
WHT-53659	Soil	12	258	2.22	434	0.141	<1	2.29	0.017	0.53	<0.1	0.02	7.2	0.4	<0.05	6	0.6
WHT-53660	Soil	17	37	0.50	777	0.041	2	1.28	0.017	0.11	0.2	0.05	5.0	0.1	<0.05	4	1.3
WHT-53661	Soil	13	28	0.40	558	0.044	<1	1.15	0.018	0.09	0.2	0.03	3.7	0.1	<0.05	4	0.8
WHT-53662	Soil	17	38	0.35	545	0.027	2	0.96	0.014	0.11	0.2	0.04	5.2	0.2	<0.05	3	1.4
WHT-53665	Soil	19	33	0.47	459	0.027	<1	1.08	0.009	0.14	0.1	0.03	5.2	0.1	<0.05	3	3.1
WHT-53666	Soil	22	48	0.69	612	0.064	<1	1.34	0.018	0.24	<0.1	0.03	4.3	0.2	<0.05	4	1.8
WHT-53667	Soil	16	47	0.49	887	0.022	1	1.05	0.012	0.12	0.1	0.05	4.9	0.1	0.07	3	1.9
WHT-53677	Soil	8	30	0.39	386	0.043	<1	1.22	0.014	0.12	0.2	0.02	3.5	0.1	<0.05	4	0.6
WHT-53681	Soil	15	41	0.49	721	0.033	3	1.36	0.010	0.40	0.1	0.03	7.6	0.2	<0.05	4	1.1
WHT-53683	Soil	39	63	0.66	415	0.064	<1	1.55	0.015	0.07	0.1	0.03	3.2	0.1	<0.05	5	0.7
WHT-53684	Soil	45	46	0.60	364	0.078	<1	1.47	0.014	0.15	0.2	0.03	3.6	0.1	<0.05	5	0.7
WHT-53686	Soil	23	69	0.87	382	0.086	<1	1.59	0.013	0.14	0.1	<0.01	3.3	0.2	<0.05	5	<0.5
WHT-53687	Soil	18	113	1.16	299	0.098	<1	1.58	0.012	0.12	0.2	<0.01	3.1	0.2	<0.05	6	<0.5
WHT-53690	Soil	13	27	0.58	198	0.091	<1	1.85	0.010	0.14	0.2	0.02	2.2	0.2	<0.05	6	<0.5
WHT-53692	Soil	27	14	0.58	218	0.137	<1	1.82	0.009	0.41	0.1	<0.01	1.6	0.3	<0.05	7	<0.5
WHT-53695	Soil	21	18	0.44	185	0.088	<1	1.38	0.009	0.23	0.1	<0.01	1.5	0.2	<0.05	7	<0.5
WHT-53696	Soil	27	18	0.57	264	0.098	<1	1.73	0.011	0.33	0.2	0.01	2.8	0.2	<0.05	7	<0.5
WHT-53697	Soil	13	30	0.44	110	0.087	<1	1.96	0.009	0.07	0.1	<0.01	2.3	0.1	<0.05	8	<0.5
WHT-53732	Soil	27	20	0.41	233	0.075	<1	1.48	0.010	0.19	0.1	0.01	2.7	0.2	<0.05	6	<0.5
WHT-53733	Soil	28	27	0.88	360	0.123	<1	1.93	0.011	0.62	0.1	<0.01	3.8	0.3	<0.05	9	<0.5
WHT-53734	Soil	23	29	0.88	263	0.136	<1	1.75	0.012	0.46	0.1	<0.01	2.6	0.2	<0.05	7	<0.5



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Report Date: August 19, 2009

Page: 1 of 2 Part 1

## QUALITY CONTROL REPORT

VAN09003526.1

	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	2	0.01	0.001
Pulp Duplicates																					
WHT-49398	Soil	1.5	10.5	5.9	57	<0.1	17.9	21.9	920	2.66	4.2	0.9	1.1	3.9	27	0.1	0.2	0.1	67	0.46	0.074
REP WHT-49398	QC	1.7	10.1	6.3	55	<0.1	17.0	22.3	927	2.70	4.2	0.9	2.0	3.9	27	<0.1	0.2	0.1	66	0.45	0.075
WHT-49532	Soil	3.8	115.1	6.0	239	0.3	88.7	15.6	243	3.87	5.4	3.1	10.3	9.8	24	1.0	1.0	0.2	78	0.41	0.133
REP WHT-49532	QC	3.8	115.6	6.1	239	0.3	91.8	16.0	250	3.99	5.5	3.3	9.8	10.1	24	1.1	1.1	0.2	77	0.42	0.134
WHT-49572	Soil	6.4	77.8	8.5	106	0.5	18.0	5.3	235	3.44	5.1	2.6	2.3	9.8	30	0.4	1.1	0.4	106	0.25	0.107
REP WHT-49572	QC	6.2	77.2	8.4	105	0.4	18.5	5.3	239	3.53	4.9	2.4	1.7	9.5	31	0.4	1.1	0.3	111	0.23	0.108
WHT-49587	Soil	2.1	47.7	9.2	156	0.3	53.9	17.2	669	3.56	37.0	1.2	2.2	5.0	32	0.6	2.3	0.2	75	0.36	0.087
REP WHT-49587	QC	2.0	44.1	9.0	148	0.3	52.1	17.1	652	3.40	35.7	1.2	4.0	4.9	30	0.6	2.4	0.2	69	0.36	0.082
WHT-49727	Soil	0.2	106.5	1.0	54	<0.1	12.0	16.0	213	2.57	1.7	0.2	1.4	0.5	24	<0.1	0.2	<0.1	99	0.53	0.106
REP WHT-49727	QC	0.2	112.3	1.0	59	<0.1	13.7	17.3	224	2.78	1.5	0.2	1.1	0.5	25	<0.1	0.2	<0.1	106	0.54	0.109
WHT-49803	Soil	0.7	52.2	6.5	58	<0.1	28.4	12.7	632	2.71	8.4	0.6	2.2	2.7	48	0.1	0.5	0.1	68	0.89	0.068
REP WHT-49803	QC	0.6	53.2	6.4	58	<0.1	29.8	12.8	648	2.80	9.1	0.6	3.0	2.8	48	0.1	0.5	0.1	66	0.85	0.067
WHT-49849	Soil	0.6	35.6	5.0	34	<0.1	18.2	11.6	266	2.04	4.9	0.3	5.5	1.5	17	<0.1	0.3	<0.1	58	0.35	0.035
REP WHT-49849	QC	0.6	34.4	4.9	35	<0.1	18.8	11.2	267	2.05	4.6	0.3	<0.5	1.6	18	0.1	0.3	<0.1	59	0.36	0.035
WHT-49878	Soil	1.8	54.2	6.3	104	0.1	57.8	14.5	328	3.20	8.0	1.2	4.9	5.2	25	0.3	1.2	0.2	69	0.40	0.068
REP WHT-49878	QC	1.6	57.2	6.2	109	0.1	58.3	14.5	321	3.19	8.1	1.2	11.3	5.3	24	0.3	1.3	0.2	72	0.40	0.067
WHT-49899	Soil	1.2	39.6	6.9	59	0.2	32.7	11.2	453	2.45	21.9	0.6	5.3	3.2	51	0.2	1.0	0.1	55	1.17	0.095
REP WHT-49899	QC	1.0	40.9	6.5	60	0.2	34.6	11.6	464	2.53	21.7	0.6	4.6	3.1	52	0.2	0.9	0.1	56	1.16	0.093
WHT-49967	Soil	2.0	62.0	10.5	98	<0.1	94.6	17.3	572	3.94	6.2	1.1	7.4	5.8	23	0.1	0.4	0.2	85	0.30	0.036
REP WHT-49967	QC	1.9	59.9	10.5	98	<0.1	94.6	16.8	559	3.84	6.2	1.1	4.6	5.8	24	0.1	0.4	0.2	82	0.28	0.035
WHT-49989	Soil	0.3	77.9	2.6	24	<0.1	30.5	11.3	112	1.18	6.9	0.2	2.4	0.4	11	<0.1	0.2	<0.1	30	0.18	0.015
REP WHT-49989	QC	0.4	77.5	2.6	24	<0.1	31.1	12.0	113	1.16	6.8	0.2	2.6	0.4	11	<0.1	0.2	<0.1	30	0.19	0.015
WHT-53153	Soil	3.2	94.2	9.1	184	0.3	66.4	18.8	553	4.01	63.7	2.8	13.6	6.2	40	0.5	1.7	0.1	88	0.56	0.210
REP WHT-53153	QC	3.0	92.2	9.4	177	0.3	61.1	18.2	545	3.86	61.7	2.8	11.5	6.4	37	0.6	1.7	0.1	86	0.56	0.211
WHT-53294	Soil	0.8	16.3	6.0	51	<0.1	20.5	9.0	294	2.91	5.3	1.0	2.9	5.9	33	<0.1	0.3	0.2	60	0.50	0.058
REP WHT-53294	QC	0.8	15.5	6.1	53	<0.1	19.2	8.2	291	2.78	5.2	1.0	1.8	5.9	33	<0.1	0.3	0.2	61	0.51	0.054
WHT-53335	Soil	1.0	24.1	8.2	46	<0.1	26.3	10.3	269	2.59	6.2	1.3	1.5	9.2	23	<0.1	0.3	0.1	60	0.31	0.055
REP WHT-53335	QC	1.0	26.1	8.2	46	<0.1	30.5	10.7	278	2.63	6.4	1.2	1.6	9.0	23	<0.1	0.3	0.1	61	0.31	0.053



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Report Date: August 19, 2009

Page: 1 of 2 Part 2

## QUALITY CONTROL REPORT

VAN09003526.1

	Method Analyte Unit MDL	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
		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
Pulp Duplicates																
WHT-49398	Soil	13	34	0.77	190	0.128	1	1.78	0.017	0.08	0.2	0.02	3.4	<0.1	<0.05	6
REP WHT-49398	QC	13	34	0.78	193	0.124	1	1.80	0.018	0.08	0.2	0.02	3.2	<0.1	0.05	7
WHT-49532	Soil	35	35	0.50	521	0.048	1	1.52	0.015	0.30	<0.1	0.04	7.0	0.3	<0.05	4
REP WHT-49532	QC	34	37	0.48	522	0.047	1	1.47	0.015	0.29	<0.1	0.03	7.3	0.4	<0.05	4
WHT-49572	Soil	23	60	0.80	912	0.101	<1	1.81	0.025	0.47	<0.1	<0.01	5.1	0.4	0.21	7
REP WHT-49572	QC	24	55	0.78	892	0.101	1	1.71	0.025	0.48	<0.1	<0.01	4.9	0.4	0.20	6
WHT-49587	Soil	18	45	0.61	512	0.081	4	1.66	0.016	0.45	0.2	0.02	5.5	0.2	<0.05	5
REP WHT-49587	QC	17	43	0.58	502	0.078	3	1.60	0.016	0.48	0.2	0.02	5.2	0.2	<0.05	5
WHT-49727	Soil	3	9	0.76	289	0.187	<1	1.27	0.017	0.33	0.1	0.01	3.2	<0.1	<0.05	5
REP WHT-49727	QC	3	9	0.82	305	0.197	<1	1.38	0.019	0.36	0.1	<0.01	3.4	<0.1	<0.05	5
WHT-49803	Soil	11	33	0.62	593	0.113	<1	1.48	0.032	0.21	0.1	0.02	3.8	<0.1	<0.05	5
REP WHT-49803	QC	11	34	0.63	572	0.113	2	1.50	0.031	0.20	0.1	0.02	4.0	<0.1	<0.05	5
WHT-49849	Soil	5	39	0.49	170	0.068	<1	1.33	0.017	0.06	<0.1	<0.01	2.9	<0.1	<0.05	4
REP WHT-49849	QC	6	40	0.50	172	0.073	2	1.34	0.017	0.06	<0.1	<0.01	3.0	<0.1	<0.05	4
WHT-49878	Soil	19	44	0.65	434	0.093	2	1.38	0.017	0.24	0.1	0.01	4.5	0.2	<0.05	4
REP WHT-49878	QC	19	45	0.65	444	0.092	1	1.42	0.017	0.24	0.1	<0.01	4.4	0.2	<0.05	4
WHT-49899	Soil	13	29	0.56	338	0.059	2	1.14	0.024	0.14	0.2	0.04	4.0	0.1	<0.05	3
REP WHT-49899	QC	14	30	0.54	341	0.063	1	1.10	0.024	0.15	0.2	0.05	3.9	0.1	<0.05	3
WHT-49967	Soil	21	82	0.79	574	0.089	<1	1.68	0.018	0.09	0.1	0.02	6.8	0.1	<0.05	5
REP WHT-49967	QC	20	77	0.80	553	0.087	<1	1.65	0.017	0.09	0.1	0.01	6.8	0.1	<0.05	5
WHT-49989	Soil	2	40	0.45	37	0.029	2	0.76	0.009	0.01	<0.1	<0.01	1.6	<0.1	<0.05	2
REP WHT-49989	QC	2	41	0.46	40	0.029	2	0.78	0.009	0.01	<0.1	<0.01	1.5	<0.1	<0.05	2
WHT-53153	Soil	22	66	0.81	664	0.080	<1	1.56	0.011	0.55	0.1	0.02	6.3	0.4	0.07	5
REP WHT-53153	QC	23	65	0.80	677	0.078	2	1.51	0.011	0.54	0.1	0.02	6.2	0.4	0.07	5
WHT-53294	Soil	30	34	0.63	333	0.102	1	1.87	0.021	0.10	0.1	0.02	4.6	0.1	<0.05	7
REP WHT-53294	QC	31	34	0.64	330	0.102	2	1.84	0.024	0.10	0.1	0.02	4.3	<0.1	<0.05	7
WHT-53335	Soil	21	46	0.81	251	0.101	<1	1.68	0.016	0.14	0.2	0.02	3.5	0.2	<0.05	5
REP WHT-53335	QC	21	44	0.80	249	0.101	<1	1.72	0.015	0.15	0.2	0.01	3.1	0.2	<0.05	5



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Page: 2 of 2 Part 1

## QUALITY CONTROL REPORT

VAN09003526.1

		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
WHT-53661	Soil	1.7	34.5	6.5	91	0.3	30.8	9.6	301	2.78	11.5	1.1	7.0	3.4	31	0.4	2.4	0.1	56	0.42
REP WHT-53661	QC	1.7	32.6	6.4	93	0.3	30.3	9.2	285	2.77	11.4	1.1	7.9	3.4	30	0.4	2.4	0.1	58	0.41
WHT-53690	Soil	0.9	13.9	7.2	54	<0.1	16.3	9.7	431	2.92	6.9	0.9	1.3	4.8	18	<0.1	0.3	0.2	58	0.22
REP WHT-53690	QC	0.8	13.8	7.1	53	<0.1	17.1	9.7	432	2.95	6.9	1.0	3.4	4.9	18	<0.1	0.4	0.1	57	0.22
Reference Materials																				
STD DS7	Standard	21.7	115.2	66.8	406	0.8	57.2	9.9	642	2.51	50.6	4.6	75.2	4.4	79	6.4	6.1	4.3	86	0.98
STD DS7	Standard	21.8	117.7	65.9	400	0.8	59.0	9.9	641	2.47	49.7	4.6	85.8	4.1	76	5.8	5.8	4.0	89	0.97
STD DS7	Standard	20.3	109.8	65.1	392	0.7	56.2	9.6	628	2.42	48.3	4.6	68.0	4.2	69	5.4	5.4	4.2	87	0.94
STD DS7	Standard	19.5	97.7	63.7	372	0.8	54.8	9.3	607	2.38	47.3	4.6	72.1	4.2	73	5.9	5.2	4.1	82	0.96
STD DS7	Standard	19.9	114.4	63.5	412	0.8	57.7	9.3	662	2.47	54.4	4.8	70.6	4.2	80	6.4	5.9	4.3	88	1.04
STD DS7	Standard	21.3	104.5	66.7	395	0.9	57.2	9.8	672	2.53	50.7	4.8	70.0	4.3	83	6.1	5.5	4.3	90	1.01
STD DS7	Standard	19.7	106.9	62.9	392	0.8	55.8	9.1	620	2.33	51.0	4.6	61.5	3.9	76	6.0	5.7	4.1	85	0.91
STD DS7	Standard	20.0	101.6	69.0	394	0.8	52.8	8.8	643	2.45	51.2	5.0	65.4	4.7	80	6.8	5.7	4.7	90	0.95
STD DS7	Standard	19.5	101.0	63.4	379	0.8	54.9	9.1	624	2.42	52.6	4.6	73.1	4.2	72	6.4	6.0	4.6	83	0.95
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
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
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
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
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
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
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
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
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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Report Date: August 19, 2009

Page: 2 of 2 Part 2

## QUALITY CONTROL REPORT

VAN09003526.1

		1DX15 La ppm	1DX15 Cr ppm	1DX15 Mg %	1DX15 Ba ppm	1DX15 Ti %	1DX15 B ppm	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W ppm	1DX15 Hg ppm	1DX15 Sc ppm	1DX15 Ti ppm	1DX15 S %	1DX15 Ga ppm	1DX15 Se 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
WHT-53661	Soil	13	28	0.40	558	0.044	<1	1.15	0.018	0.09	0.2	0.03	3.7	0.1	<0.05	4	0.8
REP WHT-53661	QC	13	27	0.41	547	0.042	1	1.20	0.018	0.09	0.1	0.03	3.4	0.1	<0.05	4	0.6
WHT-53690	Soil	13	27	0.58	198	0.091	<1	1.85	0.010	0.14	0.2	0.02	2.2	0.2	<0.05	6	<0.5
REP WHT-53690	QC	14	28	0.57	204	0.095	<1	1.88	0.010	0.15	0.2	0.01	2.1	0.2	<0.05	6	<0.5
Reference Materials																	
STD DS7	Standard	14	220	1.03	401	0.143	32	1.07	0.093	0.45	4.0	0.18	2.7	4.1	0.20	5	3.3
STD DS7	Standard	14	220	1.03	376	0.141	35	1.03	0.093	0.43	3.6	0.19	2.6	3.9	0.18	5	2.8
STD DS7	Standard	13	217	1.06	387	0.121	39	1.07	0.097	0.43	3.9	0.20	2.6	4.2	0.19	5	3.1
STD DS7	Standard	13	207	1.03	403	0.111	37	1.00	0.097	0.46	3.6	0.20	2.4	3.9	0.18	5	3.6
STD DS7	Standard	14	210	1.06	424	0.134	41	1.05	0.111	0.49	3.7	0.20	2.8	4.1	0.19	5	3.1
STD DS7	Standard	14	233	1.09	429	0.123	42	1.13	0.110	0.51	3.6	0.19	2.9	4.2	0.18	5	3.7
STD DS7	Standard	13	196	1.00	399	0.131	39	1.02	0.111	0.47	3.5	0.19	2.8	4.0	0.17	5	3.9
STD DS7	Standard	14	216	1.07	416	0.124	41	1.06	0.103	0.46	3.9	0.18	3.0	4.2	0.16	5	3.6
STD DS7	Standard	13	194	1.03	414	0.116	39	1.01	0.104	0.44	3.9	0.19	2.4	3.9	0.16	5	3.4
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
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
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