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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: Rob McLeod  
Receiving Lab: Canada-Vancouver  
Received: July 22, 2009  
Report Date: July 29, 2009  
Page: 1 of 7

## CERTIFICATE OF ANALYSIS

VAN09003103.1

### CLIENT JOB INFORMATION

Project: WHT  
Shipment ID:  
P.O. Number  
Number of Samples: 175

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	175	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	175	Dry at 60C			VAN
1DX15	175	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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**Project:** WHT  
**Report Date:** July 29, 2009

**Page:** 2 of 7 **Part** 1

## CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	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
WHT 44264	Soil		1.8	40.8	11.8	83	<0.1	32.2	12.1	474	3.28	19.3	0.9	21.7	5.5	32	0.1	0.8	0.1	58	0.46
WHT 44265	Soil		3.0	36.8	12.2	79	0.1	26.1	10.4	560	3.39	18.3	3.4	28.7	3.6	47	0.2	0.6	0.2	51	0.58
WHT 44276	Soil		1.4	32.9	8.0	74	0.3	14.8	6.3	226	2.32	4.0	2.0	2.0	2.2	22	0.2	0.4	0.1	40	0.26
WHT 44283	Soil		1.1	28.7	9.4	61	0.2	21.3	9.6	277	2.53	5.7	1.8	7.3	5.6	25	0.2	0.4	0.2	63	0.41
WHT 44288	Soil		0.9	65.0	4.6	73	0.1	40.6	17.2	389	3.10	4.3	0.8	1.5	2.9	29	0.1	0.2	0.1	80	0.61
WHT 44127	Soil		0.6	17.4	3.0	94	<0.1	16.5	20.2	761	2.74	1.7	0.2	<0.5	0.6	27	0.2	0.2	<0.1	56	0.43
WHT 44128	Soil		0.9	18.5	7.6	57	0.1	25.4	12.6	517	2.71	7.0	0.3	0.8	2.2	25	0.2	0.5	0.2	67	0.25
WHT 44129	Soil		0.9	16.4	8.4	51	0.2	20.3	9.6	484	2.29	5.8	0.6	7.2	4.2	24	0.1	0.3	0.2	57	0.26
WHT 44130	Soil		0.9	25.9	7.3	116	<0.1	18.3	10.0	540	3.56	4.3	1.2	10.6	8.1	24	<0.1	0.3	<0.1	42	0.24
WHT 44131	Soil		1.0	21.6	6.8	115	<0.1	16.7	9.1	350	3.09	3.8	1.1	2.3	5.1	20	<0.1	0.2	<0.1	33	0.22
WHT 44132	Soil		1.1	31.7	6.7	96	<0.1	22.3	9.8	415	3.38	7.1	0.8	5.2	5.0	21	<0.1	0.4	0.1	64	0.24
WHT 44133	Soil		1.0	47.7	10.2	72	0.2	54.3	14.8	699	3.06	9.5	0.5	2.9	2.9	22	0.2	0.5	0.2	75	0.24
WHT 44703	Soil		2.9	93.5	6.2	122	0.5	21.8	6.5	647	3.52	6.5	1.6	1.2	4.6	44	0.3	0.5	0.1	119	0.25
WHT 44710	Soil		1.6	28.3	9.9	68	0.4	30.7	13.4	623	2.94	25.7	0.5	7.7	3.9	43	0.3	0.9	0.1	62	0.84
WHT 44714	Soil		2.9	44.3	11.1	107	0.4	46.6	13.9	545	3.49	12.9	2.5	4.3	3.3	84	1.2	0.8	0.2	67	0.99
WHT 44715	Soil		1.1	53.4	12.9	98	0.3	47.1	14.8	293	3.51	3.1	2.1	5.0	5.9	79	0.3	0.3	0.2	79	1.17
WHT 44717	Soil		2.2	74.4	9.4	86	0.6	44.3	16.6	815	2.96	8.2	4.9	10.9	1.8	55	0.9	0.7	0.2	72	0.86
WHT 44719	Soil		2.4	60.4	14.1	99	1.1	41.9	15.5	1163	3.38	44.5	2.8	21.6	2.1	40	1.3	1.1	0.2	67	0.91
WHT 44720	Soil		1.8	36.8	9.9	101	0.5	40.1	13.4	697	3.18	33.3	1.2	14.7	2.9	31	0.7	0.8	0.2	75	0.58
WHT 44722	Soil		2.1	67.1	8.9	118	0.5	61.2	19.2	587	4.05	14.3	1.2	18.0	4.6	34	0.4	1.0	0.2	77	0.54
WHT 44723	Soil		1.4	39.2	9.4	58	0.3	34.7	11.9	861	2.90	60.9	1.3	12.4	2.6	36	0.5	1.1	0.2	62	0.53
WHT 44560	Soil		4.9	32.3	14.6	98	0.1	19.6	8.1	706	3.67	16.6	2.0	25.0	13.8	40	0.2	0.7	<0.1	31	0.61
WHT 44301	Soil		0.6	42.1	5.0	48	0.1	24.8	10.9	266	2.02	2.6	0.4	2.7	0.8	25	0.1	0.2	<0.1	58	0.42
WHT 44302	Soil		0.8	52.1	5.8	53	0.1	35.5	14.1	282	3.13	4.1	0.5	5.6	1.8	23	<0.1	0.4	0.1	96	0.41
WHT 44304	Soil		0.5	51.1	5.5	54	0.1	48.7	16.3	294	2.86	3.7	0.5	3.7	1.4	31	0.1	0.2	<0.1	85	0.67
WHT 47501	Soil		1.8	27.1	9.1	99	0.2	28.3	19.2	953	2.82	3.2	1.6	3.4	3.4	38	0.3	0.4	0.1	76	0.66
WHT 47502	Soil		1.5	29.7	8.2	85	0.2	33.4	15.0	715	2.37	2.5	2.7	3.6	3.7	57	0.4	0.4	0.1	61	1.05
WHT 47503	Soil		1.8	40.0	7.3	113	0.3	45.9	20.3	768	3.16	5.3	2.1	21.1	2.8	55	0.7	0.5	<0.1	75	1.09
WHT 47504	Soil		1.1	31.2	8.5	67	0.3	24.9	10.3	407	2.59	8.4	2.4	10.2	3.4	64	0.3	0.5	0.1	55	1.28
WHT 47505	Soil		1.1	23.6	7.6	76	0.2	25.2	9.1	288	2.47	5.7	0.9	3.3	3.0	31	0.3	0.4	0.1	59	0.49



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VAN09003103.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	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
		0.001	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 44264	Soil	0.021	21	29	0.45	590	0.054	3	1.45	0.021	0.15	<0.1	0.07	6.9	<0.1	<0.05	5	0.6
WHT 44265	Soil	0.034	15	23	0.34	862	0.034	4	1.40	0.013	0.20	0.1	0.04	6.4	0.1	<0.05	5	0.9
WHT 44276	Soil	0.076	22	21	0.36	251	0.082	1	1.47	0.015	0.24	<0.1	0.03	2.7	0.2	0.06	6	0.6
WHT 44283	Soil	0.055	21	42	0.64	479	0.093	1	1.62	0.019	0.09	0.2	0.03	3.5	0.1	<0.05	6	0.7
WHT 44288	Soil	0.092	11	79	1.07	497	0.126	<1	1.68	0.015	0.29	0.1	0.02	5.1	0.2	<0.05	6	0.6
WHT 44127	Soil	0.144	2	34	0.82	530	0.148	<1	1.63	0.019	0.10	<0.1	<0.01	2.0	<0.1	<0.05	5	<0.5
WHT 44128	Soil	0.040	7	39	0.60	647	0.089	<1	1.69	0.009	0.14	0.1	<0.01	2.1	<0.1	<0.05	6	<0.5
WHT 44129	Soil	0.024	8	33	0.51	622	0.069	<1	1.50	0.012	0.10	0.1	<0.01	3.0	<0.1	<0.05	5	<0.5
WHT 44130	Soil	0.054	35	32	0.85	419	0.222	<1	2.03	0.010	0.80	0.1	<0.01	4.2	0.4	<0.05	9	<0.5
WHT 44131	Soil	0.062	9	15	0.59	376	0.191	<1	1.72	0.007	0.69	0.1	<0.01	2.3	0.4	<0.05	7	<0.5
WHT 44132	Soil	0.070	12	32	0.72	467	0.128	1	2.02	0.009	0.47	0.2	<0.01	4.1	0.3	<0.05	7	<0.5
WHT 44133	Soil	0.038	9	55	0.77	360	0.107	1	1.81	0.010	0.30	0.1	<0.01	3.3	0.1	<0.05	7	<0.5
WHT 44703	Soil	0.077	21	76	1.62	343	0.228	<1	2.44	0.015	1.12	<0.1	0.01	4.5	0.6	0.25	9	1.7
WHT 44710	Soil	0.044	14	34	0.50	596	0.077	4	1.46	0.017	0.32	0.1	0.03	5.1	<0.1	<0.05	5	<0.5
WHT 44714	Soil	0.068	11	35	0.26	894	0.017	5	1.03	0.010	0.14	0.1	0.03	4.8	0.1	<0.05	3	1.4
WHT 44715	Soil	0.057	31	57	1.10	382	0.107	5	2.14	0.012	0.56	<0.1	0.02	4.7	0.3	0.11	7	1.9
WHT 44717	Soil	0.075	24	49	0.67	606	0.068	2	1.36	0.015	0.16	<0.1	0.05	5.7	0.1	0.07	6	2.5
WHT 44719	Soil	0.084	27	39	0.42	901	0.025	4	1.53	0.012	0.14	<0.1	0.12	6.7	0.3	0.07	5	2.0
WHT 44720	Soil	0.087	17	46	0.54	664	0.061	2	1.72	0.012	0.16	0.1	0.05	5.4	0.2	<0.05	5	0.9
WHT 44722	Soil	0.100	21	49	0.63	582	0.038	5	1.58	0.017	0.14	0.1	0.08	9.1	0.2	<0.05	5	1.3
WHT 44723	Soil	0.034	12	33	0.39	567	0.042	3	1.51	0.023	0.08	0.1	0.04	4.9	<0.1	<0.05	5	0.9
WHT 44560	Soil	0.063	69	15	0.29	794	0.017	3	0.94	0.009	0.21	<0.1	0.08	7.0	0.2	<0.05	5	1.3
WHT 44301	Soil	0.046	5	67	0.79	240	0.098	1	1.30	0.022	0.06	0.1	0.03	2.9	<0.1	<0.05	5	<0.5
WHT 44302	Soil	0.034	7	82	0.95	364	0.127	2	1.62	0.018	0.08	0.1	0.02	4.4	<0.1	<0.05	7	<0.5
WHT 44304	Soil	0.034	7	122	1.37	392	0.125	1	1.89	0.024	0.10	<0.1	0.03	4.7	0.2	<0.05	7	<0.5
WHT 47501	Soil	0.078	20	47	0.77	435	0.088	1	1.57	0.014	0.22	0.1	0.03	4.4	0.2	<0.05	6	0.6
WHT 47502	Soil	0.105	30	49	0.73	575	0.073	2	1.47	0.020	0.24	0.1	0.05	4.4	0.2	0.09	6	1.2
WHT 47503	Soil	0.095	22	75	0.86	568	0.079	2	1.57	0.015	0.20	0.1	0.05	5.9	0.2	0.12	6	1.7
WHT 47504	Soil	0.056	26	36	0.60	669	0.078	2	1.52	0.019	0.18	0.1	0.05	3.9	0.1	0.08	6	0.8
WHT 47505	Soil	0.067	14	36	0.55	372	0.090	1	1.27	0.018	0.18	0.2	0.02	2.8	0.1	0.06	5	<0.5



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	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt kg	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %
		0.01	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 47506	Soil		1.2	30.9	9.9	68	0.2	19.1	10.9	613	2.64	6.0	1.9	7.3	5.1	34	0.2	0.3	0.1	57	0.50
WHT 47507	Soil		1.2	21.0	10.0	65	0.2	14.6	7.6	246	2.44	6.7	1.2	5.5	3.3	24	0.2	0.3	0.2	54	0.34
WHT 47508	Soil		0.6	8.0	5.4	21	0.2	4.2	1.8	95	0.80	2.0	0.3	1.1	0.3	10	0.2	0.2	0.1	30	0.11
WHT 47509	Soil		1.4	29.7	9.0	77	<0.1	20.4	9.7	293	2.80	4.5	1.9	12.7	3.0	32	0.2	0.5	<0.1	47	0.58
WHT 47510	Soil		1.2	28.9	12.1	91	0.1	22.4	10.9	445	3.42	5.1	0.6	3.9	3.4	26	0.2	0.4	0.1	60	0.37
WHT 47511	Soil		1.3	26.4	11.2	97	<0.1	21.6	9.8	449	3.56	7.0	1.0	11.3	6.7	27	0.2	0.5	0.1	64	0.30
WHT 47523	Soil		1.2	23.7	13.9	78	<0.1	22.2	12.4	350	3.24	6.8	1.0	18.5	5.3	16	0.2	0.4	0.1	55	0.19
WHT 47531	Soil		0.9	67.2	8.5	58	0.1	30.2	18.1	1070	2.97	7.9	0.8	6.0	1.9	41	0.2	0.5	<0.1	76	0.99
WHT 47520	Soil		0.7	59.8	4.8	75	0.2	38.3	19.0	767	3.19	3.8	0.8	4.9	1.7	38	0.3	0.3	<0.1	85	0.92
WHT 44079	Soil		0.6	37.4	6.6	58	<0.1	27.1	10.5	345	2.58	7.6	0.9	9.3	4.6	31	0.1	0.4	0.1	61	0.49
WHT 44080	Soil		0.7	34.9	7.9	65	<0.1	24.7	9.6	357	2.69	7.8	1.0	7.7	7.8	31	<0.1	0.5	0.1	56	0.44
WHT 44095	Soil		1.0	28.9	10.2	82	<0.1	24.2	10.8	292	3.14	6.0	0.7	4.5	4.4	19	0.1	0.4	0.1	51	0.25
WHT 44067	Soil		0.4	85.9	3.2	57	<0.1	39.9	15.9	315	2.97	3.2	0.6	1.9	2.5	22	<0.1	0.2	<0.1	81	0.41
WHT 44068	Soil		1.0	34.3	6.7	56	0.2	19.8	9.3	335	2.27	3.7	2.1	3.2	4.6	30	0.2	0.2	0.2	51	0.41
WHT 44069	Soil		0.9	31.6	8.0	53	<0.1	21.2	9.6	218	2.86	7.1	0.9	6.1	4.2	19	<0.1	0.4	0.1	67	0.24
WHT 44070	Soil		0.8	32.1	7.7	46	0.2	19.0	8.3	210	2.27	5.0	1.4	5.8	4.2	25	<0.1	0.2	0.1	61	0.34
WHT 44071	Soil		0.9	69.4	6.2	53	0.3	31.0	14.5	468	2.54	4.0	3.0	7.8	4.8	36	0.2	0.3	0.1	65	0.49
WHT 44072	Soil		0.7	45.0	6.6	46	<0.1	25.0	11.2	198	2.73	7.1	1.3	4.5	4.5	23	<0.1	0.4	0.1	64	0.31
WHT 44073	Soil		0.4	93.9	2.3	52	<0.1	62.7	21.8	278	2.96	2.8	0.2	119.0	1.0	20	<0.1	0.2	<0.1	81	0.31
WHT 44074	Soil		0.6	41.5	6.4	52	<0.1	27.1	12.3	334	2.67	6.1	0.7	13.3	2.4	33	<0.1	0.4	0.1	70	0.58
WHT 44075	Soil		0.5	42.9	6.1	48	0.1	24.1	10.6	441	2.23	6.4	1.0	7.5	1.9	51	0.2	0.6	0.1	53	1.06
WHT 44076	Soil		0.3	65.5	2.8	39	<0.1	70.2	19.8	296	2.43	3.4	0.3	3.2	1.2	29	<0.1	0.2	<0.1	64	0.54
WHT 44077	Soil		0.5	65.7	5.2	45	<0.1	44.4	14.9	278	2.49	5.1	0.5	5.1	2.2	27	<0.1	0.4	<0.1	61	0.45
WHT 44078	Soil		0.2	179.8	3.0	72	0.1	32.6	23.1	449	4.63	2.1	0.4	8.7	1.4	25	0.1	0.2	<0.1	151	0.65
WHT 44136	Soil		1.2	36.9	7.6	104	0.1	40.5	16.4	450	3.69	5.3	1.1	5.8	4.6	24	0.3	0.6	0.1	83	0.50
WHT 44137	Soil		1.3	27.2	6.6	70	0.3	20.1	7.6	221	2.71	3.3	0.7	2.0	2.3	19	0.2	0.3	0.1	79	0.25
WHT 44138	Soil		1.5	43.9	7.7	118	0.3	31.1	11.2	446	3.49	2.8	1.2	2.3	2.9	24	0.5	0.3	0.2	77	0.43
WHT 44139	Soil		1.7	18.2	9.7	52	0.2	15.4	3.8	179	2.67	9.8	0.6	6.7	0.8	8	0.2	0.8	0.2	85	0.07
WHT 44140	Soil		1.8	40.4	8.8	128	<0.1	31.2	15.7	519	3.72	8.6	1.1	3.8	2.4	12	0.4	0.6	0.2	101	0.11
WHT 44141	Soil		1.2	68.2	9.0	102	<0.1	66.3	15.7	349	4.04	2.6	1.4	2.0	4.6	22	0.2	0.3	0.2	150	0.37



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Project: WHT  
Report Date: July 29, 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	1DX15
		P	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
		0.001	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 47506	Soil	0.050	28	32	0.52	650	0.087	<1	1.56	0.017	0.14	0.1	0.02	4.2	0.1	<0.05	6	<0.5
WHT 47507	Soil	0.060	15	29	0.46	364	0.077	<1	1.44	0.014	0.12	0.3	0.02	2.9	0.1	<0.05	7	<0.5
WHT 47508	Soil	0.024	6	10	0.11	142	0.057	1	0.49	0.011	0.08	<0.1	0.01	1.1	<0.1	<0.05	5	<0.5
WHT 47509	Soil	0.042	11	28	0.51	493	0.077	1	1.62	0.014	0.32	0.1	0.03	3.8	0.1	0.08	6	0.5
WHT 47510	Soil	0.057	10	26	0.57	763	0.118	1	1.84	0.018	0.35	0.2	0.01	4.7	0.2	<0.05	8	<0.5
WHT 47511	Soil	0.035	15	28	0.57	851	0.099	<1	1.88	0.012	0.42	0.2	0.02	6.7	0.2	<0.05	8	<0.5
WHT 47523	Soil	0.055	15	27	0.41	369	0.034	1	1.73	0.010	0.13	0.1	0.02	4.0	<0.1	<0.05	6	<0.5
WHT 47531	Soil	0.079	10	55	0.90	379	0.070	2	1.54	0.025	0.15	0.1	0.03	7.1	<0.1	0.07	5	0.6
WHT 47520	Soil	0.070	10	80	1.17	579	0.092	2	1.85	0.022	0.16	0.1	0.04	7.0	0.1	0.08	6	0.6
WHT 44079	Soil	0.055	14	37	0.61	477	0.083	1	1.40	0.024	0.10	0.2	0.03	4.3	<0.1	<0.05	5	<0.5
WHT 44080	Soil	0.052	27	37	0.62	541	0.091	<1	1.53	0.022	0.13	0.1	0.04	4.6	0.1	<0.05	5	<0.5
WHT 44095	Soil	0.064	16	27	0.51	534	0.095	<1	2.10	0.011	0.26	0.1	0.02	4.9	0.2	<0.05	6	<0.5
WHT 44067	Soil	0.076	13	93	1.34	354	0.157	<1	1.81	0.018	0.37	0.1	0.01	3.5	0.1	<0.05	6	<0.5
WHT 44068	Soil	0.065	28	39	0.69	409	0.100	<1	1.50	0.014	0.13	0.2	0.04	2.9	0.2	<0.05	6	<0.5
WHT 44069	Soil	0.045	12	43	0.70	203	0.122	<1	1.69	0.013	0.14	0.2	0.01	2.5	0.1	<0.05	6	<0.5
WHT 44070	Soil	0.046	18	38	0.65	473	0.121	<1	1.51	0.014	0.15	0.1	0.02	2.8	0.1	<0.05	6	<0.5
WHT 44071	Soil	0.064	34	61	0.78	658	0.102	<1	1.67	0.018	0.18	0.1	0.04	4.6	0.2	<0.05	6	<0.5
WHT 44072	Soil	0.041	16	51	0.68	379	0.089	1	1.75	0.015	0.09	0.1	0.02	3.7	<0.1	<0.05	5	<0.5
WHT 44073	Soil	0.030	8	187	1.77	452	0.093	<1	2.13	0.015	0.16	<0.1	0.01	4.1	0.1	<0.05	6	<0.5
WHT 44074	Soil	0.048	10	60	0.84	381	0.085	1	1.79	0.023	0.06	0.2	0.02	3.9	<0.1	<0.05	5	<0.5
WHT 44075	Soil	0.065	10	38	0.57	395	0.071	2	1.29	0.028	0.07	0.2	0.03	3.6	<0.1	<0.05	4	<0.5
WHT 44076	Soil	0.057	5	162	1.75	235	0.145	<1	1.91	0.016	0.13	<0.1	<0.01	2.4	<0.1	<0.05	5	<0.5
WHT 44077	Soil	0.045	8	108	1.06	256	0.107	<1	1.71	0.022	0.06	0.1	0.02	3.1	<0.1	<0.05	5	<0.5
WHT 44078	Soil	0.122	5	71	2.02	482	0.207	<1	2.63	0.022	0.89	0.1	0.02	6.2	0.3	<0.05	10	<0.5
WHT 44136	Soil	0.159	18	78	1.00	480	0.096	<1	2.19	0.011	0.39	<0.1	0.01	5.1	0.3	<0.05	7	<0.5
WHT 44137	Soil	0.058	12	39	0.60	369	0.126	<1	1.61	0.013	0.23	<0.1	0.02	3.2	0.2	<0.05	8	<0.5
WHT 44138	Soil	0.145	19	42	0.73	676	0.094	<1	1.85	0.010	0.47	<0.1	0.03	5.8	0.3	<0.05	7	0.5
WHT 44139	Soil	0.059	9	22	0.13	100	0.059	<1	0.94	0.006	0.04	<0.1	0.02	1.7	0.1	<0.05	7	<0.5
WHT 44140	Soil	0.077	15	56	0.74	321	0.068	1	2.19	0.009	0.36	<0.1	0.02	3.5	0.2	<0.05	7	0.8
WHT 44141	Soil	0.126	15	136	1.27	1011	0.105	<1	2.59	0.009	0.32	<0.1	0.01	7.0	0.2	<0.05	8	<0.5



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	Method Analyte	Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
			kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
			0.01	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 44142	Soil		1.4	20.8	7.7	85	0.2	19.0	10.8	418	2.93	5.6	1.0	5.8	3.7	24	0.2	0.3	0.1	55	0.26	
WHT 44143	Soil		1.1	20.6	8.1	75	<0.1	20.7	9.7	236	3.32	8.0	0.7	3.2	3.5	16	0.2	0.4	0.2	64	0.18	
WHT 44144	Soil		1.6	19.8	8.1	90	0.1	17.9	9.4	447	3.22	7.9	1.0	4.8	3.9	20	0.3	0.4	0.2	67	0.20	
WHT 44145	Soil		1.9	50.3	9.0	71	0.3	40.1	13.3	466	3.94	8.0	0.8	3.6	2.5	23	0.2	0.4	0.2	100	0.24	
WHT 44146	Soil		2.1	68.4	8.8	133	0.3	65.0	22.0	736	4.16	9.1	1.4	6.2	3.3	25	0.4	0.9	0.2	98	0.27	
WHT 44147	Soil		2.2	45.3	7.4	92	0.1	37.5	12.9	495	3.48	7.0	1.1	5.3	4.0	29	0.2	0.7	0.1	86	0.40	
WHT 44148	Soil		1.7	40.9	9.5	101	0.2	39.2	12.9	607	3.57	6.1	1.1	12.7	4.4	28	0.2	0.5	0.1	95	0.38	
WHT 44149	Soil		1.1	20.8	10.8	64	0.1	15.8	7.5	359	2.83	27.9	0.8	7.0	4.3	21	0.1	1.1	0.1	45	0.20	
WHT 44701	Soil		2.1	65.5	8.0	107	0.2	47.3	15.3	516	3.82	6.3	1.5	1.1	4.8	25	0.2	0.3	0.1	129	0.36	
WHT 44709	Soil		1.1	23.9	6.3	75	0.1	19.6	10.4	560	2.80	4.7	0.7	0.9	3.0	29	0.1	0.3	<0.1	45	0.42	
WHT 44713	Soil		1.9	44.2	14.2	107	0.1	41.4	14.7	619	3.53	18.1	2.4	6.0	11.4	26	0.3	1.4	0.2	58	0.48	
WHT 43554	Soil		4.1	67.8	7.7	412	0.5	64.7	14.8	562	3.91	138.1	1.9	18.8	3.3	41	3.0	3.1	2.6	97	0.23	
WHT 43555	Soil		2.3	50.9	8.0	88	0.3	18.9	5.7	266	2.92	8.5	0.9	2.9	2.5	32	2.1	0.8	0.6	76	0.21	
WHT 43556	Soil		1.6	21.2	10.6	80	0.2	16.9	9.9	777	3.20	12.9	1.0	2.3	2.4	17	0.4	2.2	0.3	72	0.16	
WHT 43557	Soil		2.0	23.4	10.2	71	0.1	17.6	7.3	289	3.52	11.3	0.8	4.6	2.4	17	0.2	1.1	0.2	85	0.14	
WHT 43558	Soil		2.1	32.8	9.9	70	<0.1	15.0	7.5	388	2.96	7.0	1.4	4.1	3.8	28	0.2	0.6	0.2	69	0.15	
WHT 43559	Soil		1.7	40.5	10.4	52	0.1	23.4	9.7	384	3.15	14.9	1.4	7.5	3.3	22	0.1	3.6	0.2	60	0.18	
WHT 43560	Soil		0.8	22.1	9.3	44	<0.1	16.2	6.9	187	2.55	10.1	1.0	3.2	2.8	17	0.1	0.8	0.2	57	0.16	
WHT 43561	Soil		0.7	35.0	5.9	88	0.2	21.0	5.8	119	4.34	12.0	1.8	1.8	9.0	13	0.2	1.6	0.5	51	0.08	
WHT 43562	Soil		1.7	44.3	10.7	113	0.1	42.2	12.5	222	3.76	16.4	1.3	2.5	3.4	17	0.2	2.6	0.3	65	0.10	
WHT 43563	Soil		1.7	45.2	10.6	116	0.1	43.2	12.7	220	3.86	16.4	1.3	1.6	3.5	18	0.1	2.7	0.3	67	0.10	
WHT 43580	Soil		1.5	62.9	6.5	79	0.2	48.6	12.8	314	3.13	7.4	1.3	1.7	5.1	28	0.2	0.6	0.2	72	0.33	
WHT 43581	Soil		3.7	70.9	10.9	183	0.2	86.2	19.5	635	4.00	14.9	2.0	3.7	7.3	34	0.7	0.7	0.2	75	0.34	
WHT 43585	Soil		3.4	76.1	8.2	188	0.2	79.1	23.8	472	4.49	25.1	2.0	2.2	4.0	31	1.0	1.2	0.2	83	0.25	
WHT 44551	Soil		0.8	28.6	6.7	71	<0.1	27.0	10.7	442	3.00	6.2	1.2	5.3	4.7	41	<0.1	0.4	0.1	53	0.48	
WHT 44552	Soil		0.8	31.4	7.3	72	<0.1	24.9	11.5	572	3.05	6.9	1.2	3.3	4.6	42	<0.1	0.4	0.1	54	0.51	
WHT 44553	Soil		0.9	18.6	13.7	51	<0.1	23.5	9.6	366	2.81	11.0	1.0	2.3	8.4	37	0.2	0.6	0.2	56	0.41	
WHT 44554	Soil		1.1	19.2	8.4	62	<0.1	19.2	8.6	319	2.75	8.6	1.3	13.4	8.5	23	<0.1	0.5	0.1	49	0.25	
WHT 44555	Soil		1.5	50.9	8.4	90	0.2	43.9	14.9	554	3.73	11.4	1.3	7.1	5.6	32	0.3	0.5	0.2	87	0.45	
WHT 44556	Soil		0.7	41.6	7.6	53	0.1	27.5	9.4	376	2.49	8.7	0.8	10.1	5.3	53	0.1	0.6	0.1	56	1.31	



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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
		P	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
		0.001	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 44142	Soil	0.071	22	25	0.52	407	0.102	<1	1.71	0.011	0.22	0.1	0.02	2.8	0.2	<0.05	7	<0.5
WHT 44143	Soil	0.063	9	33	0.52	180	0.092	<1	1.99	0.010	0.19	0.1	0.02	2.6	0.2	<0.05	7	<0.5
WHT 44144	Soil	0.125	14	26	0.48	322	0.133	<1	1.55	0.010	0.29	0.1	0.02	2.4	0.2	<0.05	8	<0.5
WHT 44145	Soil	0.063	7	62	0.80	260	0.135	<1	2.27	0.011	0.18	0.1	0.01	3.0	0.2	<0.05	8	<0.5
WHT 44146	Soil	0.095	13	67	0.97	354	0.116	<1	2.17	0.010	0.43	0.1	0.01	4.5	0.2	<0.05	8	<0.5
WHT 44147	Soil	0.108	17	52	0.82	369	0.131	<1	1.67	0.012	0.37	0.1	0.02	3.7	0.2	<0.05	7	0.6
WHT 44148	Soil	0.094	18	57	0.89	552	0.135	<1	1.75	0.013	0.41	0.1	0.02	4.2	0.3	<0.05	7	0.7
WHT 44149	Soil	0.032	11	22	0.31	415	0.039	1	1.06	0.011	0.11	<0.1	0.02	4.1	<0.1	<0.05	4	<0.5
WHT 44701	Soil	0.128	17	63	1.08	558	0.152	<1	2.25	0.010	0.67	0.1	<0.01	4.6	0.2	<0.05	9	0.9
WHT 44709	Soil	0.077	8	23	0.49	799	0.098	1	1.68	0.012	0.32	0.1	0.01	3.2	0.2	<0.05	6	<0.5
WHT 44713	Soil	0.056	16	44	0.62	542	0.039	1	1.44	0.008	0.48	<0.1	0.01	6.9	0.3	<0.05	6	1.0
WHT 43554	Soil	0.097	14	66	0.68	1020	0.110	1	1.63	0.018	0.25	2.6	0.06	4.2	0.3	0.12	7	2.4
WHT 43555	Soil	0.058	10	28	0.38	419	0.072	1	0.98	0.028	0.22	0.2	0.02	2.5	0.3	0.22	5	1.0
WHT 43556	Soil	0.091	10	29	0.33	277	0.042	1	1.46	0.009	0.09	0.2	0.03	2.5	0.2	<0.05	6	0.6
WHT 43557	Soil	0.064	10	32	0.45	172	0.060	<1	1.46	0.010	0.06	0.1	0.02	2.8	0.2	<0.05	7	<0.5
WHT 43558	Soil	0.088	12	37	0.62	259	0.080	2	1.60	0.011	0.14	0.1	0.02	2.9	0.2	<0.05	7	<0.5
WHT 43559	Soil	0.032	11	33	0.44	398	0.030	2	1.83	0.009	0.05	0.1	0.04	3.9	0.2	<0.05	5	0.7
WHT 43560	Soil	0.039	11	27	0.40	306	0.038	1	1.42	0.009	0.04	0.2	0.03	3.5	<0.1	<0.05	5	0.6
WHT 43561	Soil	0.050	17	37	0.50	426	0.081	<1	1.15	0.015	0.47	<0.1	<0.01	2.8	0.5	0.17	4	1.3
WHT 43562	Soil	0.030	9	33	0.34	282	0.031	<1	1.62	0.010	0.05	0.1	0.02	4.0	0.1	<0.05	4	0.8
WHT 43563	Soil	0.032	10	34	0.35	280	0.037	<1	1.74	0.010	0.05	0.1	0.02	4.0	0.1	<0.05	4	0.8
WHT 43580	Soil	0.064	17	46	0.74	463	0.114	<1	1.55	0.016	0.36	0.1	0.02	5.0	0.2	<0.05	5	1.3
WHT 43581	Soil	0.077	25	43	0.60	518	0.077	2	1.37	0.011	0.40	0.1	0.03	6.2	0.4	<0.05	5	1.5
WHT 43585	Soil	0.109	17	59	0.76	568	0.078	1	1.71	0.011	0.33	0.1	0.02	4.7	0.2	<0.05	6	2.2
WHT 44551	Soil	0.064	20	43	0.67	467	0.122	<1	1.64	0.024	0.22	0.2	0.02	4.1	0.2	<0.05	6	0.6
WHT 44552	Soil	0.057	18	40	0.61	535	0.125	<1	1.58	0.027	0.23	0.2	0.02	4.5	0.2	<0.05	6	0.6
WHT 44553	Soil	0.021	17	32	0.46	657	0.074	1	1.63	0.016	0.13	0.1	0.01	4.6	0.1	<0.05	5	<0.5
WHT 44554	Soil	0.024	19	28	0.49	403	0.088	1	1.46	0.017	0.21	0.1	0.03	5.4	0.2	<0.05	5	<0.5
WHT 44555	Soil	0.078	20	71	0.97	653	0.123	1	2.04	0.013	0.53	0.2	0.03	5.8	0.2	<0.05	6	0.8
WHT 44556	Soil	0.071	27	27	0.62	506	0.097	2	1.22	0.029	0.13	0.2	0.07	4.2	0.1	<0.05	4	0.8



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Project: WHT  
Report Date: July 29, 2009

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## CERTIFICATE OF ANALYSIS

VAN09003103.1

	Method Analyte	Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
			kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.1	0.1	0.1	1	0.1	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
WHT 44558	Soil		0.7	124.4	5.4	83	0.1	31.9	22.1	636	4.25	5.2	0.4	3.7	2.0	20	0.1	0.3	<0.1	128	0.40	
WHT 44559	Soil		3.0	19.4	27.0	126	<0.1	12.1	9.5	559	4.05	10.9	2.5	12.3	13.8	31	0.2	0.7	0.1	31	0.34	
WHT 43642	Soil		0.5	93.6	4.6	43	0.2	28.7	16.4	730	2.70	4.1	0.2	3.9	1.4	26	<0.1	0.3	<0.1	75	0.38	
WHT 43643	Soil		0.3	125.1	2.5	49	<0.1	30.8	17.2	398	3.06	2.8	0.2	1.2	0.6	21	<0.1	0.1	<0.1	100	0.44	
WHT 43644	Soil		0.4	72.5	1.4	28	<0.1	25.2	11.0	149	1.63	1.9	0.3	1.2	1.5	7	<0.1	<0.1	<0.1	44	0.29	
WHT 43645	Soil		0.5	24.2	2.3	35	<0.1	25.8	14.4	253	2.61	3.6	0.4	1.7	1.6	28	<0.1	0.2	<0.1	77	0.45	
WHT 43646	Soil		3.6	93.8	13.5	185	<0.1	112.0	18.2	441	4.54	4.2	2.0	1.1	7.6	17	0.3	0.5	0.2	159	0.40	
WHT 43647	Soil		2.0	59.1	9.1	145	<0.1	58.8	15.9	693	4.39	6.5	1.3	5.3	6.7	31	0.3	0.5	0.2	129	0.39	
WHT 44201	Soil		1.7	55.9	8.7	114	0.4	120.0	16.7	511	3.80	14.2	2.0	22.1	4.4	29	0.4	0.8	0.1	97	0.64	
WHT 44202	Soil		2.7	85.3	11.8	195	0.3	101.4	23.6	774	5.22	17.8	1.4	7.1	7.6	23	0.5	0.8	0.4	115	0.44	
WHT 44203	Soil		2.5	84.6	5.7	157	0.2	135.2	27.1	855	6.16	14.3	1.1	4.1	3.5	33	1.2	0.7	0.1	153	0.66	
WHT 44204	Soil		2.9	64.7	12.2	188	0.5	46.7	14.5	539	3.49	40.4	2.6	25.5	3.5	51	1.4	1.5	0.2	68	0.44	
WHT 44205	Soil		2.0	33.5	10.0	97	0.3	25.9	10.1	252	3.04	11.6	1.2	1.4	4.4	32	0.5	1.3	0.2	67	0.24	
WHT 44206	Soil		3.5	69.7	32.1	52	0.5	22.5	7.5	166	2.33	34.2	1.5	72.6	4.5	53	0.2	3.1	0.2	34	0.12	
WHT 44221	Soil		1.7	37.6	8.7	114	0.2	33.6	10.3	355	3.32	6.7	1.2	4.9	4.4	18	0.3	0.9	0.1	68	0.30	
WHT 44222	Soil		1.9	40.8	9.3	147	0.2	45.3	12.2	423	3.22	10.0	1.4	5.5	5.5	13	0.3	1.2	0.2	71	0.21	
WHT 44223	Soil		1.7	50.2	8.6	108	0.1	39.7	11.2	253	3.27	13.9	1.5	3.0	7.3	17	0.2	1.7	0.2	69	0.22	
WHT 44224	Soil		2.2	45.0	10.8	101	0.1	39.5	8.0	201	3.05	19.5	1.5	3.2	6.0	15	0.2	1.5	0.2	58	0.11	
WHT 44225	Soil		1.5	40.6	6.2	125	<0.1	25.3	9.8	427	4.14	5.8	1.2	6.4	4.0	26	0.2	0.6	<0.1	63	0.54	
WHT 44226	Soil		1.3	52.1	7.1	125	0.1	31.8	11.2	516	3.41	12.1	1.1	5.7	2.8	26	0.6	1.3	0.2	64	0.36	
WHT 44227	Soil		1.4	46.9	7.0	87	0.2	34.9	11.1	547	3.46	8.2	1.3	6.6	4.4	24	0.1	0.7	0.1	64	0.39	
WHT 44228	Soil		2.7	44.7	17.2	133	0.1	48.6	15.2	1076	4.36	72.6	1.5	15.8	6.9	25	0.3	1.6	0.2	70	0.39	
WHT 44229	Soil		2.4	55.7	10.5	105	0.4	47.2	11.5	540	3.46	93.0	0.9	23.0	3.2	21	0.4	2.7	0.2	59	0.23	
WHT 44230	Soil		2.5	65.5	4.9	138	0.3	126.3	19.9	581	4.56	3.9	1.2	2.2	4.5	22	0.5	0.3	0.1	151	0.49	
WHT 44280	Soil		1.4	20.0	7.7	73	0.2	16.9	7.3	230	2.73	4.9	1.2	4.3	3.8	27	<0.1	0.4	0.1	47	0.41	
WHT 44002	Soil		2.5	45.1	7.7	102	0.4	46.8	11.9	298	3.47	16.2	1.1	2.8	2.7	30	0.4	1.9	0.2	86	0.43	
WHT 44003	Soil		1.8	67.8	8.1	138	0.5	67.5	18.8	566	3.79	28.3	1.9	11.4	3.4	40	0.7	3.4	0.4	82	0.73	
WHT 44004	Soil		1.4	52.6	8.2	124	0.4	43.9	13.5	366	2.91	39.1	1.5	14.6	2.7	37	1.2	2.6	1.3	61	0.72	
WHT 44005	Soil		2.3	52.4	5.2	93	<0.1	102.7	17.6	484	3.94	6.9	0.6	1.0	3.3	18	0.1	0.7	0.1	106	0.32	
WHT 44006	Soil		1.4	52.2	12.2	141	0.3	54.8	17.9	432	3.76	17.9	0.8	4.8	2.7	25	0.9	1.1	0.2	72	0.10	





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Project: WHT  
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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
		P	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
		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.1	0.05	1	0.5
WHT 44558	Soil	0.040	6	49	1.47	452	0.202	1	2.41	0.015	0.89	<0.1	0.02	5.9	0.2	<0.05	7	<0.5
WHT 44559	Soil	0.030	44	14	0.26	587	0.016	3	1.20	0.008	0.30	<0.1	0.05	7.7	0.3	<0.05	5	1.1
WHT 43642	Soil	0.049	5	62	0.99	353	0.083	<1	1.51	0.013	0.28	0.1	0.01	4.4	<0.1	<0.05	5	<0.5
WHT 43643	Soil	0.108	2	73	1.21	408	0.179	<1	1.67	0.020	0.72	<0.1	<0.01	3.4	0.2	<0.05	6	<0.5
WHT 43644	Soil	0.068	3	49	0.58	146	0.110	<1	0.86	0.016	0.26	<0.1	<0.01	2.6	0.1	<0.05	3	<0.5
WHT 43645	Soil	0.095	5	47	0.88	397	0.109	<1	1.55	0.018	0.24	<0.1	<0.01	4.7	<0.1	<0.05	4	<0.5
WHT 43646	Soil	0.150	23	112	1.24	580	0.136	1	2.01	0.008	0.71	0.2	<0.01	7.5	0.4	<0.05	8	2.2
WHT 43647	Soil	0.112	11	111	1.50	586	0.181	<1	2.32	0.010	1.15	0.2	<0.01	5.9	0.4	<0.05	10	1.3
WHT 44201	Soil	0.074	27	128	1.02	842	0.102	2	1.94	0.014	0.49	<0.1	0.03	6.6	0.2	<0.05	6	1.2
WHT 44202	Soil	0.171	37	124	1.19	1030	0.150	1	2.44	0.010	1.00	0.2	0.03	8.1	0.4	<0.05	9	1.4
WHT 44203	Soil	0.212	19	174	1.88	1097	0.162	<1	3.01	0.010	1.21	0.1	0.01	9.0	0.4	<0.05	12	1.1
WHT 44204	Soil	0.099	16	46	0.59	821	0.055	3	1.34	0.017	0.38	0.2	0.05	5.3	0.2	0.07	4	1.5
WHT 44205	Soil	0.096	16	38	0.54	599	0.078	1	1.68	0.013	0.23	0.1	<0.01	3.5	0.2	0.10	5	1.1
WHT 44206	Soil	0.026	11	18	0.19	312	0.015	3	0.79	0.008	0.10	0.1	0.05	3.2	0.2	<0.05	3	3.2
WHT 44221	Soil	0.110	16	41	0.69	302	0.114	<1	1.76	0.010	0.32	0.1	<0.01	4.4	0.3	<0.05	6	1.3
WHT 44222	Soil	0.107	25	51	0.62	388	0.063	<1	1.70	0.005	0.26	0.1	0.02	3.3	0.4	<0.05	6	0.6
WHT 44223	Soil	0.083	17	39	0.50	397	0.054	1	1.71	0.012	0.14	<0.1	0.02	3.5	0.3	<0.05	4	1.1
WHT 44224	Soil	0.047	14	29	0.17	407	0.017	1	0.89	0.005	0.06	<0.1	0.01	3.7	0.1	<0.05	3	1.0
WHT 44225	Soil	0.208	15	29	0.55	909	0.061	2	1.66	0.009	0.26	<0.1	0.03	8.1	0.2	<0.05	6	0.8
WHT 44226	Soil	0.136	13	28	0.19	283	0.021	2	0.73	0.008	0.09	0.1	0.02	3.9	0.1	<0.05	3	0.6
WHT 44227	Soil	0.093	17	44	0.56	477	0.057	<1	1.52	0.011	0.20	0.1	0.03	7.1	0.2	<0.05	5	0.8
WHT 44228	Soil	0.098	19	34	0.37	621	0.022	4	1.13	0.013	0.25	0.2	0.05	9.7	<0.1	<0.05	4	1.3
WHT 44229	Soil	0.040	11	28	0.33	598	0.029	3	1.21	0.010	0.13	<0.1	0.03	5.7	<0.1	<0.05	3	1.5
WHT 44230	Soil	0.121	20	144	1.58	1064	0.164	2	2.70	0.013	1.01	<0.1	<0.01	7.7	0.3	<0.05	9	1.4
WHT 44280	Soil	0.043	20	21	0.47	329	0.126	2	1.86	0.014	0.23	0.2	0.02	3.1	0.2	<0.05	8	0.8
WHT 44002	Soil	0.062	12	60	0.79	596	0.118	2	1.64	0.016	0.33	0.1	0.02	3.8	0.2	0.08	7	0.9
WHT 44003	Soil	0.110	17	74	0.96	996	0.109	3	1.94	0.019	0.27	0.2	0.06	5.9	0.2	0.10	6	2.5
WHT 44004	Soil	0.089	15	44	0.61	879	0.078	2	1.52	0.016	0.16	0.3	0.06	5.2	0.2	0.06	5	1.5
WHT 44005	Soil	0.090	11	157	1.43	383	0.202	<1	2.13	0.018	0.61	<0.1	0.01	3.5	0.3	<0.05	7	0.8
WHT 44006	Soil	0.048	8	37	0.41	345	0.043	3	2.01	0.014	0.07	0.2	0.04	4.6	0.2	<0.05	5	0.5



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	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt kg	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %
		0.01	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 44007	Soil		2.3	85.7	13.6	108	0.2	43.6	15.0	873	4.00	7.1	1.7	6.2	6.2	30	0.4	1.0	0.4	83	0.41
WHT 44008	Soil		1.5	37.0	10.0	73	0.3	31.8	8.9	347	2.43	21.8	0.9	5.5	2.4	31	0.5	1.5	0.1	64	0.28
WHT 44009	Soil		1.7	34.1	10.0	52	0.4	19.2	6.1	311	2.21	17.2	1.2	12.0	2.9	28	0.2	2.1	0.2	46	0.23
WHT 44010	Soil		2.9	104.4	19.7	132	0.5	56.5	15.9	1372	3.63	64.6	2.3	40.3	8.1	62	0.5	3.8	0.5	31	0.22
WHT 44011	Soil		3.0	100.0	19.8	127	0.5	54.6	16.4	1306	3.33	66.0	2.3	34.0	7.4	61	0.5	4.1	0.5	29	0.21
WHT 44012	Soil		7.6	58.0	9.3	362	0.3	82.0	11.6	342	3.05	7.6	2.3	5.2	2.5	93	2.7	2.0	0.2	145	0.71
WHT 44013	Soil		1.5	43.0	7.3	82	0.2	34.4	9.1	342	2.58	18.4	1.0	14.6	3.6	51	0.4	1.1	0.7	58	0.45
WHT 44014	Soil		1.6	58.8	5.5	288	0.2	76.4	18.9	609	4.69	6.2	1.2	1.8	3.1	42	1.5	0.4	0.2	105	0.69
WHT 44015	Soil		1.0	48.4	6.1	112	0.2	58.8	18.9	654	5.85	12.8	1.2	9.5	3.4	44	0.3	0.9	0.2	118	1.03
WHT 44016	Soil		1.1	64.1	6.0	74	0.3	72.7	23.5	1006	4.35	4.0	1.2	20.9	2.1	148	0.2	2.1	0.1	81	11.10
WHT 48130	Soil		2.7	42.9	9.7	79	0.1	29.4	7.7	376	2.91	3.1	1.2	18.3	2.7	41	0.2	0.4	0.2	111	0.41
WHT 48131	Soil		2.5	74.9	10.5	168	0.4	85.7	22.2	853	4.66	9.7	1.5	16.5	4.5	43	0.8	1.4	0.2	98	0.98
WHT 48132	Soil		1.2	23.3	9.8	56	0.2	16.0	8.3	353	2.37	5.4	1.2	6.7	2.9	39	0.2	0.3	0.2	53	0.62
WHT 48133	Soil		1.1	20.3	8.7	75	0.1	15.9	9.1	456	2.51	6.3	1.2	16.7	4.0	32	0.2	0.4	0.1	44	0.56
WHT 48134	Soil		0.9	20.0	8.6	68	0.2	17.2	8.2	344	2.48	5.1	1.1	19.5	4.7	30	0.2	0.3	0.1	47	0.46
WHT 48135	Soil		1.4	23.1	8.0	100	<0.1	17.5	9.2	448	3.30	5.7	1.2	5.1	4.8	29	0.2	0.3	0.1	49	0.50
WHT 48136	Soil		1.0	32.0	13.9	61	0.3	21.0	8.2	304	2.35	3.2	1.6	9.0	4.2	34	0.2	0.2	0.2	55	0.54
WHT 48137	Soil		0.8	19.9	6.8	101	<0.1	14.2	7.4	302	2.69	3.2	0.7	1.6	3.6	20	0.1	0.2	<0.1	46	0.27
WHT 48138	Soil		0.8	20.6	10.0	93	0.1	15.4	8.9	484	2.56	3.2	1.2	2.9	3.3	35	0.3	0.3	0.2	48	0.53
WHT 48139	Soil		1.4	18.8	14.5	96	0.2	18.6	8.0	322	3.39	7.5	0.6	9.4	3.3	24	0.3	0.5	0.1	60	0.33
WHT 48140	Soil		2.2	79.7	34.9	145	0.2	52.5	13.9	762	3.65	9.3	2.5	19.0	15.2	16	0.4	1.6	0.6	83	0.38
WHT 48141	Soil		0.6	96.6	6.7	63	0.2	32.0	12.2	654	2.70	3.8	1.3	14.3	2.2	55	0.4	0.5	0.1	74	1.43
WHT 48142	Soil		2.0	85.8	17.6	149	0.1	66.3	16.9	764	4.43	6.0	2.0	15.7	9.6	20	0.3	0.8	0.4	107	0.56
WHT 48143	Soil		0.9	87.4	11.2	79	0.5	37.9	16.2	570	3.91	10.0	0.7	25.3	3.4	32	0.2	0.6	<0.1	121	0.80
WHT 48144	Soil		1.9	63.1	8.2	203	0.2	64.8	13.4	662	4.06	10.3	1.1	2.7	6.2	29	0.7	1.2	0.1	110	0.64
WHT 44290	Soil		1.5	48.1	4.8	87	0.1	52.5	18.3	507	3.34	3.4	0.7	2.8	3.3	27	0.2	0.1	<0.1	82	0.46
WHT 44291	Soil		1.2	95.7	5.0	83	0.3	71.2	17.4	510	3.48	4.8	1.5	6.0	5.0	40	0.2	0.3	<0.1	89	0.71
WHT 44293	Soil		0.9	35.4	6.8	45	<0.1	25.1	10.1	280	2.73	7.8	0.4	2.9	1.9	21	<0.1	0.4	0.2	71	0.30
WHT 44294	Soil		1.0	56.0	9.3	46	0.1	28.8	11.1	318	2.87	7.1	0.6	4.8	2.2	22	<0.1	0.4	0.1	75	0.31
WHT 44295	Soil		0.8	66.9	6.5	45	<0.1	34.5	12.7	294	2.89	7.4	0.5	6.1	2.5	18	<0.1	0.3	0.1	74	0.23



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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
		P	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
		0.001	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 44007	Soil	0.190	24	46	0.68	509	0.068	3	1.76	0.009	0.42	0.1	0.02	5.3	0.3	<0.05	6	0.7
WHT 44008	Soil	0.033	11	33	0.44	601	0.067	3	1.31	0.017	0.06	0.2	0.04	4.3	0.1	<0.05	4	0.8
WHT 44009	Soil	0.040	11	23	0.41	390	0.049	3	1.08	0.014	0.11	0.3	0.04	3.3	0.1	<0.05	3	<0.5
WHT 44010	Soil	0.045	28	15	0.12	1815	0.009	7	0.79	0.008	0.13	0.9	0.08	7.3	0.2	<0.05	3	1.5
WHT 44011	Soil	0.041	24	13	0.12	1770	0.005	8	0.75	0.008	0.12	1.1	0.08	6.6	0.2	<0.05	2	1.6
WHT 44012	Soil	0.238	13	55	0.52	5670	0.096	1	1.82	0.015	0.08	0.1	0.03	4.5	<0.1	<0.05	6	2.7
WHT 44013	Soil	0.074	13	31	0.51	976	0.075	3	1.23	0.025	0.10	0.6	0.05	4.7	0.2	<0.05	4	1.2
WHT 44014	Soil	0.172	18	51	1.02	2719	0.148	4	2.38	0.014	0.61	0.2	0.02	7.5	0.4	<0.05	8	1.2
WHT 44015	Soil	0.206	23	62	1.15	1066	0.177	3	2.37	0.020	0.90	<0.1	0.03	10.2	0.4	<0.05	10	0.8
WHT 44016	Soil	0.162	19	73	0.80	1568	0.019	13	1.11	0.011	0.14	<0.1	0.08	7.9	0.2	<0.05	6	1.3
WHT 48130	Soil	0.043	9	61	0.57	353	0.152	1	1.09	0.012	0.32	0.2	0.03	3.2	0.2	0.08	9	1.3
WHT 48131	Soil	0.133	27	76	0.98	696	0.076	2	1.90	0.023	0.46	0.1	0.06	10.0	0.4	<0.05	6	1.9
WHT 48132	Soil	0.038	17	29	0.47	578	0.094	<1	1.40	0.021	0.14	0.1	0.03	3.0	0.1	<0.05	6	<0.5
WHT 48133	Soil	0.062	17	26	0.49	452	0.088	1	1.32	0.020	0.19	0.2	0.03	3.9	0.2	<0.05	5	<0.5
WHT 48134	Soil	0.054	21	26	0.49	505	0.091	<1	1.26	0.018	0.16	0.1	0.02	3.8	0.1	<0.05	5	<0.5
WHT 48135	Soil	0.083	18	25	0.70	493	0.134	1	1.67	0.017	0.32	0.2	0.02	4.4	0.2	<0.05	7	0.7
WHT 48136	Soil	0.053	42	41	0.58	611	0.087	4	1.47	0.018	0.11	0.1	0.05	4.7	0.1	<0.05	6	0.6
WHT 48137	Soil	0.068	20	23	0.53	351	0.127	<1	1.44	0.014	0.34	0.1	0.01	3.4	0.2	<0.05	7	0.5
WHT 48138	Soil	0.066	41	26	0.52	626	0.077	1	1.55	0.014	0.21	0.1	0.05	4.0	0.2	<0.05	7	0.6
WHT 48139	Soil	0.036	12	26	0.48	595	0.102	2	2.03	0.015	0.29	0.2	0.02	3.5	0.2	<0.05	8	0.5
WHT 48140	Soil	0.072	20	61	0.73	490	0.063	<1	1.49	0.009	0.42	0.1	0.04	10.1	0.4	<0.05	6	1.1
WHT 48141	Soil	0.091	23	39	0.78	731	0.074	2	1.46	0.026	0.27	0.1	0.06	6.2	0.1	<0.05	5	1.0
WHT 48142	Soil	0.116	18	90	1.33	705	0.131	<1	2.18	0.009	0.69	0.2	0.03	9.0	0.4	<0.05	7	1.1
WHT 48143	Soil	0.072	17	49	1.40	317	0.159	1	2.06	0.029	0.43	0.2	0.04	8.4	0.2	<0.05	7	0.8
WHT 48144	Soil	0.150	21	86	1.30	671	0.153	<1	2.38	0.009	0.96	0.2	0.02	4.3	0.4	<0.05	8	1.8
WHT 44290	Soil	0.101	11	86	1.18	425	0.162	<1	1.95	0.018	0.46	0.2	0.02	3.6	0.3	<0.05	6	0.8
WHT 44291	Soil	0.083	21	151	1.35	526	0.183	<1	2.15	0.021	0.64	0.2	0.03	5.5	0.4	<0.05	7	0.9
WHT 44293	Soil	0.024	7	46	0.67	197	0.101	2	1.67	0.022	0.08	0.2	0.02	3.9	<0.1	<0.05	5	<0.5
WHT 44294	Soil	0.028	9	60	0.79	249	0.105	<1	1.73	0.017	0.07	0.2	0.02	4.6	<0.1	<0.05	5	<0.5
WHT 44295	Soil	0.025	7	75	0.90	241	0.101	2	1.86	0.017	0.06	0.1	0.02	3.4	<0.1	<0.05	5	<0.5



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Project: WHT  
Report Date: July 29, 2009

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## CERTIFICATE OF ANALYSIS

VAN09003103.1

	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	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
WHT 44296	Soil		0.8	69.0	6.5	47	<0.1	35.5	13.6	302	2.92	7.4	0.5	4.8	2.4	19	<0.1	0.4	0.1	75	0.26
WHT 44297	Soil		0.5	53.7	4.8	51	0.1	56.6	17.7	398	3.37	4.8	0.4	8.9	1.7	30	<0.1	0.2	<0.1	122	0.43
WHT 44298	Soil		0.5	98.9	3.3	57	0.2	89.4	22.1	734	3.60	3.8	0.6	7.1	0.8	50	0.2	0.4	<0.1	99	1.58
WHT 44306	Soil		0.6	68.6	38.5	63	0.4	55.7	20.5	370	3.53	2.6	0.3	35.6	0.8	24	0.1	0.2	0.2	135	0.60
WHT 44307	Soil		0.5	71.6	7.0	59	0.2	34.1	18.6	593	2.65	2.6	0.4	10.7	0.7	31	0.1	0.2	<0.1	90	0.69
WHT 44308	Soil		1.0	44.4	5.7	40	0.3	9.1	7.7	462	2.50	3.2	0.3	4.0	0.6	15	0.2	0.3	0.1	76	0.23
WHT 44309	Soil		1.4	31.8	16.9	64	0.8	31.2	11.2	408	3.20	3.6	2.9	42.1	6.4	43	0.2	0.3	0.3	69	0.85
WHT 44310	Soil		3.9	30.6	10.9	132	0.3	31.2	7.8	253	3.02	20.8	1.4	18.6	4.3	30	0.5	0.8	0.2	84	0.35
WHT 44607	Soil		1.1	106.7	5.1	59	0.2	39.8	17.1	670	3.33	3.2	1.3	4.2	2.3	33	0.1	0.3	0.1	101	0.54
WHT 44608	Soil		1.1	58.6	6.5	55	<0.1	28.3	13.4	312	3.38	6.0	0.3	1.8	1.4	11	<0.1	0.4	0.1	97	0.11
WHT 44609	Soil		0.5	97.5	3.2	41	<0.1	23.1	13.7	270	2.61	3.7	0.2	1.7	1.1	14	<0.1	0.2	<0.1	78	0.26
WHT 44610	Soil		0.5	110.6	1.7	53	<0.1	29.2	18.3	681	3.57	2.4	0.4	3.0	1.1	18	0.1	0.3	<0.1	106	0.47
WHT 44576	Soil		0.8	75.0	3.6	55	<0.1	46.0	17.4	296	3.22	3.5	0.5	2.0	2.6	17	<0.1	0.2	<0.1	76	0.35
WHT 44577	Soil		0.5	63.6	5.6	46	<0.1	33.9	14.4	281	2.59	6.8	0.6	3.0	3.0	26	<0.1	0.4	<0.1	68	0.39
WHT 44578	Soil		0.6	42.8	5.5	50	<0.1	27.7	14.3	232	3.08	7.9	0.4	3.9	2.0	18	<0.1	0.4	0.1	75	0.26
WHT 44579	Soil		1.0	36.9	6.8	50	<0.1	28.5	12.3	238	3.05	8.4	0.6	19.0	2.4	21	<0.1	0.4	0.1	65	0.29
WHT 44580	Soil		0.9	24.4	7.2	52	0.1	25.3	14.9	458	3.39	6.8	0.9	7.4	2.6	30	<0.1	0.4	0.1	91	0.60
WHT 44581	Soil		1.3	29.3	4.5	67	<0.1	34.6	19.1	399	4.15	3.5	0.5	1.8	2.3	28	<0.1	0.2	<0.1	102	0.48
WHT 44582	Soil		0.9	42.7	8.6	51	0.1	24.3	10.7	236	3.02	7.4	0.8	5.0	3.0	21	<0.1	0.3	0.1	73	0.24
WHT 44583	Soil		1.1	49.2	3.2	77	<0.1	44.2	21.5	487	4.28	1.8	0.5	1.8	1.6	25	<0.1	<0.1	<0.1	88	0.75
WHT 44584	Soil		0.8	47.0	5.4	51	<0.1	28.2	12.2	213	2.68	4.2	0.3	3.2	1.4	19	<0.1	0.2	<0.1	79	0.32
WHT 44585	Soil		0.5	61.1	3.8	51	<0.1	24.5	12.2	216	2.44	2.0	0.3	1.7	0.8	16	<0.1	0.1	<0.1	85	0.31
WHT 44586	Soil		0.6	62.2	3.9	51	<0.1	40.4	15.0	404	2.92	2.3	0.3	5.3	1.0	18	0.1	0.4	<0.1	88	0.27
WHT 44587	Soil		0.4	48.1	4.4	46	0.2	41.0	11.1	184	2.16	2.2	0.5	3.1	0.9	18	<0.1	0.2	<0.1	65	0.27
WHT 44588	Soil		0.7	61.8	6.1	55	0.2	37.7	16.1	614	2.92	4.2	1.2	4.8	3.4	32	0.1	0.3	0.1	71	0.59



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**Project:** WHT  
**Report Date:** July 29, 2009

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## CERTIFICATE OF ANALYSIS

VAN09003103.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	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
		0.001	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 44296	Soil	0.026	7	77	0.92	238	0.108	2	1.98	0.018	0.07	0.2	0.02	3.5	0.1	<0.05	5	<0.5
WHT 44297	Soil	0.030	7	131	1.85	297	0.122	1	2.12	0.021	0.32	<0.1	0.02	8.1	0.3	<0.05	7	<0.5
WHT 44298	Soil	0.053	7	176	1.68	706	0.083	3	2.03	0.019	0.21	<0.1	0.04	13.8	0.2	0.05	5	<0.5
WHT 44306	Soil	0.032	4	154	1.93	234	0.136	1	2.04	0.021	0.14	<0.1	0.04	7.0	0.1	<0.05	8	<0.5
WHT 44307	Soil	0.051	4	84	1.16	253	0.088	1	1.48	0.024	0.10	<0.1	0.04	6.4	0.1	<0.05	6	<0.5
WHT 44308	Soil	0.042	4	21	0.32	180	0.091	<1	0.90	0.025	0.06	0.1	0.06	2.4	<0.1	<0.05	6	<0.5
WHT 44309	Soil	0.066	35	50	0.53	431	0.072	2	1.52	0.015	0.17	0.1	0.08	4.5	0.2	<0.05	6	<0.5
WHT 44310	Soil	0.069	14	43	0.61	2540	0.112	<1	1.26	0.018	0.21	0.2	0.06	3.2	0.2	<0.05	7	1.2
WHT 44607	Soil	0.067	15	76	1.18	746	0.115	<1	1.91	0.018	0.17	0.2	0.04	8.3	0.1	<0.05	7	<0.5
WHT 44608	Soil	0.029	5	61	0.99	180	0.153	<1	2.08	0.014	0.12	0.1	<0.01	3.0	<0.1	<0.05	7	<0.5
WHT 44609	Soil	0.038	4	50	0.87	185	0.145	<1	1.88	0.019	0.14	<0.1	<0.01	3.4	<0.1	<0.05	5	<0.5
WHT 44610	Soil	0.057	7	47	1.05	446	0.064	<1	1.70	0.025	0.12	<0.1	0.01	10.9	<0.1	<0.05	6	<0.5
WHT 44576	Soil	0.078	10	89	1.24	343	0.205	<1	2.28	0.022	0.36	0.1	<0.01	3.6	0.2	<0.05	6	<0.5
WHT 44577	Soil	0.052	13	71	0.76	345	0.126	<1	1.64	0.021	0.07	0.1	0.02	4.8	<0.1	<0.05	5	<0.5
WHT 44578	Soil	0.046	7	51	0.83	259	0.121	1	2.00	0.016	0.15	0.2	0.03	3.6	0.1	<0.05	5	<0.5
WHT 44579	Soil	0.055	8	47	0.68	336	0.087	1	1.98	0.016	0.08	0.1	0.02	3.7	0.1	<0.05	5	<0.5
WHT 44580	Soil	0.059	10	53	0.82	677	0.070	2	1.99	0.031	0.07	0.1	0.03	7.3	<0.1	<0.05	6	<0.5
WHT 44581	Soil	0.146	9	100	1.53	372	0.197	<1	2.59	0.017	0.48	0.1	<0.01	4.7	0.3	<0.05	7	<0.5
WHT 44582	Soil	0.031	10	43	0.65	321	0.115	1	2.08	0.023	0.06	0.2	0.02	4.7	0.1	<0.05	6	<0.5
WHT 44583	Soil	0.243	8	73	1.46	385	0.194	<1	2.39	0.016	1.16	0.1	<0.01	3.6	0.4	<0.05	6	<0.5
WHT 44584	Soil	0.067	6	62	0.78	248	0.140	<1	1.65	0.017	0.13	0.1	0.01	3.5	0.1	<0.05	6	<0.5
WHT 44585	Soil	0.039	4	74	0.98	262	0.179	<1	1.49	0.018	0.28	<0.1	<0.01	3.1	0.1	<0.05	6	<0.5
WHT 44586	Soil	0.035	5	90	0.91	306	0.118	<1	1.72	0.016	0.13	<0.1	0.02	5.0	0.1	<0.05	6	<0.5
WHT 44587	Soil	0.047	6	102	0.90	243	0.109	1	1.52	0.016	0.12	0.1	0.02	3.6	0.1	<0.05	6	<0.5
WHT 44588	Soil	0.057	22	74	0.92	524	0.096	1	1.72	0.017	0.09	0.1	0.03	5.7	0.1	<0.05	6	<0.5



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Project: WHT

Report Date: July 29, 2009

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## QUALITY CONTROL REPORT

VAN09003103.1

	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt kg	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %
Pulp Duplicates		0.01	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 44719	Soil		2.4	60.4	14.1	99	1.1	41.9	15.5	1163	3.38	44.5	2.8	21.6	2.1	40	1.3	1.1	0.2	67	0.91
REP WHT 44719	QC		2.5	60.7	14.3	98	1.1	42.5	15.9	1231	3.46	42.5	2.9	21.8	2.1	41	1.4	1.1	0.2	70	0.94
WHT 47501	Soil		1.8	27.1	9.1	99	0.2	28.3	19.2	953	2.82	3.2	1.6	3.4	3.4	38	0.3	0.4	0.1	76	0.66
REP WHT 47501	QC		1.8	27.6	9.3	99	0.2	27.6	19.6	953	2.83	3.1	1.5	2.9	3.5	40	0.3	0.4	0.1	75	0.69
WHT 44136	Soil		1.2	36.9	7.6	104	0.1	40.5	16.4	450	3.69	5.3	1.1	5.8	4.6	24	0.3	0.6	0.1	83	0.50
REP WHT 44136	QC		1.1	37.3	7.6	100	0.1	40.6	16.2	481	3.68	5.4	1.2	9.9	4.8	25	0.3	0.6	0.1	88	0.52
WHT 44142	Soil		1.4	20.8	7.7	85	0.2	19.0	10.8	418	2.93	5.6	1.0	5.8	3.7	24	0.2	0.3	0.1	55	0.26
REP WHT 44142	QC		1.4	21.4	8.0	85	0.2	17.9	10.6	415	2.84	5.5	1.1	3.7	3.8	25	0.2	0.3	0.1	54	0.28
WHT 43581	Soil		3.7	70.9	10.9	183	0.2	86.2	19.5	635	4.00	14.9	2.0	3.7	7.3	34	0.7	0.7	0.2	75	0.34
REP WHT 43581	QC		3.7	71.9	10.9	183	0.2	83.8	19.4	599	3.88	16.0	2.0	4.4	7.1	31	0.6	0.7	0.2	72	0.33
WHT 43646	Soil		3.6	93.8	13.5	185	<0.1	112.0	18.2	441	4.54	4.2	2.0	1.1	7.6	17	0.3	0.5	0.2	159	0.40
REP WHT 43646	QC		3.7	90.5	13.6	187	<0.1	111.4	17.6	424	4.50	3.8	1.9	1.7	7.7	17	0.3	0.5	0.1	153	0.38
WHT 44010	Soil		2.9	104.4	19.7	132	0.5	56.5	15.9	1372	3.63	64.6	2.3	40.3	8.1	62	0.5	3.8	0.5	31	0.22
REP WHT 44010	QC		3.1	100.6	20.7	132	0.5	58.4	17.1	1437	3.76	62.9	2.2	31.3	8.3	62	0.5	4.0	0.5	31	0.22
WHT 48140	Soil		2.2	79.7	34.9	145	0.2	52.5	13.9	762	3.65	9.3	2.5	19.0	15.2	16	0.4	1.6	0.6	83	0.38
REP WHT 48140	QC		2.1	76.7	34.2	142	0.2	53.0	14.3	731	3.66	9.0	2.5	18.2	14.9	15	0.4	1.5	0.5	86	0.36
WHT 44298	Soil		0.5	98.9	3.3	57	0.2	89.4	22.1	734	3.60	3.8	0.6	7.1	0.8	50	0.2	0.4	<0.1	99	1.58
REP WHT 44298	QC		0.6	104.1	3.5	57	0.2	88.1	22.0	752	3.62	3.5	0.7	8.1	0.9	51	0.2	0.4	<0.1	96	1.61
WHT 44582	Soil		0.9	42.7	8.6	51	0.1	24.3	10.7	236	3.02	7.4	0.8	5.0	3.0	21	<0.1	0.3	0.1	73	0.24
REP WHT 44582	QC		0.9	41.7	8.3	50	0.1	24.1	10.8	240	3.02	7.1	0.8	4.6	2.9	20	<0.1	0.3	0.1	72	0.24
Reference Materials																					
STD DS7	Standard		21.3	108.1	68.6	390	0.8	59.2	9.2	659	2.47	52.4	4.9	62.1	4.2	79	6.3	6.2	4.5	83	1.00
STD DS7	Standard		20.1	105.4	68.2	377	0.8	55.4	8.9	600	2.32	49.8	4.7	64.5	4.0	76	6.3	5.8	4.4	83	0.92
STD DS7	Standard		20.2	112.9	68.9	385	0.8	56.5	9.6	612	2.38	49.0	5.2	91.3	4.5	73	6.7	5.9	4.6	84	0.90
STD DS7	Standard		19.9	108.8	69.9	386	0.8	55.4	9.7	620	2.42	52.6	5.4	56.1	4.7	73	6.8	6.2	4.8	84	0.94
STD DS7	Standard		19.6	106.9	70.9	373	0.9	50.4	9.1	599	2.34	50.2	5.4	59.0	4.7	73	6.5	6.0	4.7	81	0.95
STD DS7	Standard		21.1	106.8	69.9	397	0.8	53.2	9.4	626	2.45	53.7	5.1	61.4	4.5	74	6.5	5.8	4.9	82	0.97
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



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Project: WHT  
Report Date: July 29, 2009

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## QUALITY CONTROL REPORT

VAN09003103.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	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
		0.001	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																		
WHT 44719	Soil	0.084	27	39	0.42	901	0.025	4	1.53	0.012	0.14	<0.1	0.12	6.7	0.3	0.07	5	2.0
REP WHT 44719	QC	0.087	28	42	0.44	894	0.027	5	1.63	0.013	0.15	0.1	0.12	7.0	0.3	0.06	5	2.1
WHT 47501	Soil	0.078	20	47	0.77	435	0.088	1	1.57	0.014	0.22	0.1	0.03	4.4	0.2	<0.05	6	0.6
REP WHT 47501	QC	0.090	19	47	0.84	436	0.091	2	1.77	0.017	0.22	0.1	0.04	4.7	0.2	0.08	7	0.6
WHT 44136	Soil	0.159	18	78	1.00	480	0.096	<1	2.19	0.011	0.39	<0.1	0.01	5.1	0.3	<0.05	7	<0.5
REP WHT 44136	QC	0.178	18	83	1.07	483	0.104	<1	2.36	0.012	0.38	<0.1	0.02	5.4	0.3	<0.05	7	0.7
WHT 44142	Soil	0.071	22	25	0.52	407	0.102	<1	1.71	0.011	0.22	0.1	0.02	2.8	0.2	<0.05	7	<0.5
REP WHT 44142	QC	0.073	22	25	0.51	411	0.106	<1	1.78	0.013	0.23	0.1	0.02	2.8	0.2	<0.05	7	<0.5
WHT 43581	Soil	0.077	25	43	0.60	518	0.077	2	1.37	0.011	0.40	0.1	0.03	6.2	0.4	<0.05	5	1.5
REP WHT 43581	QC	0.079	25	41	0.62	507	0.075	2	1.44	0.011	0.39	0.1	0.04	6.0	0.3	<0.05	5	1.4
WHT 43646	Soil	0.150	23	112	1.24	580	0.136	1	2.01	0.008	0.71	0.2	<0.01	7.5	0.4	<0.05	8	2.2
REP WHT 43646	QC	0.147	22	111	1.31	575	0.132	1	1.97	0.008	0.69	0.2	<0.01	7.2	0.4	<0.05	8	2.4
WHT 44010	Soil	0.045	28	15	0.12	1815	0.009	7	0.79	0.008	0.13	0.9	0.08	7.3	0.2	<0.05	3	1.5
REP WHT 44010	QC	0.047	28	15	0.12	1728	0.007	8	0.80	0.008	0.13	0.8	0.08	7.4	0.2	<0.05	2	1.3
WHT 48140	Soil	0.072	20	61	0.73	490	0.063	<1	1.49	0.009	0.42	0.1	0.04	10.1	0.4	<0.05	6	1.1
REP WHT 48140	QC	0.071	20	61	0.74	491	0.065	<1	1.43	0.010	0.41	0.1	0.04	10.2	0.3	<0.05	5	1.0
WHT 44298	Soil	0.053	7	176	1.68	706	0.083	3	2.03	0.019	0.21	<0.1	0.04	13.8	0.2	0.05	5	<0.5
REP WHT 44298	QC	0.054	7	169	1.63	692	0.082	3	1.98	0.019	0.21	0.1	0.05	14.8	0.2	0.07	6	0.6
WHT 44582	Soil	0.031	10	43	0.65	321	0.115	1	2.08	0.023	0.06	0.2	0.02	4.7	0.1	<0.05	6	<0.5
REP WHT 44582	QC	0.031	10	46	0.62	320	0.115	<1	2.03	0.017	0.06	0.1	0.03	4.6	<0.1	<0.05	6	<0.5
Reference Materials																		
STD DS7	Standard	0.081	14	205	1.06	406	0.132	38	1.07	0.103	0.49	4.0	0.20	3.0	4.2	0.18	5	3.5
STD DS7	Standard	0.078	13	198	1.00	393	0.121	40	0.98	0.096	0.45	3.8	0.19	2.8	4.2	0.17	5	3.7
STD DS7	Standard	0.082	13	204	0.99	402	0.124	37	0.97	0.097	0.44	3.9	0.19	2.3	4.2	0.20	5	3.4
STD DS7	Standard	0.086	14	201	1.07	427	0.129	39	1.07	0.102	0.46	3.8	0.20	2.6	4.2	0.19	5	3.7
STD DS7	Standard	0.084	13	191	1.04	387	0.121	40	1.02	0.095	0.45	3.8	0.20	2.3	4.2	0.19	5	3.3
STD DS7	Standard	0.088	13	200	1.03	397	0.126	37	1.01	0.094	0.48	3.9	0.19	2.4	4.2	0.22	5	3.9
STD DS7 Expected		0.08	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



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		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	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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## QUALITY CONTROL REPORT

VAN09003103.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
		0.001	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
BLK	Blank	<0.001	<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
BLK	Blank	<0.001	<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
BLK	Blank	<0.001	<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
BLK	Blank	<0.001	<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
BLK	Blank	<0.001	<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
BLK	Blank	<0.001	<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