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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 11

## CERTIFICATE OF ANALYSIS

VAN09003100.1

### CLIENT JOB INFORMATION

Project: WHT  
Shipment ID:  
P.O. Number  
Number of Samples: 285

### 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	285	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	285	Dry at 60C			VAN
1DX15	283	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 11 **Part** 1

## CERTIFICATE OF ANALYSIS

VAN09003100.1

	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	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
WHT 43445	Soil		1.6	62.2	10.0	126	0.2	60.3	15.6	387	3.88	48.2	1.3	15.7	5.1	25	0.6	5.5	0.6	69	0.31
WHT 43446	Soil		1.5	59.5	10.2	118	0.3	67.9	17.9	558	3.97	82.3	1.4	21.5	4.0	25	0.9	7.7	0.4	70	0.40
WHT 43447	Soil		2.0	97.6	8.2	220	0.4	117.7	19.8	933	4.41	173.9	1.5	35.8	4.8	30	1.2	21.8	0.3	77	0.55
WHT 43448	Soil		1.5	50.7	7.9	100	0.2	38.1	13.5	396	3.37	18.4	1.5	5.6	3.1	30	0.8	2.1	0.8	79	0.45
WHT 43449	Soil		1.6	56.8	8.8	122	0.3	40.4	17.9	751	3.37	21.2	1.9	9.6	3.2	36	1.3	4.7	0.9	74	0.67
WHT 43450	Soil		0.8	28.5	6.8	93	0.2	29.1	24.1	549	2.32	5.3	1.1	7.5	2.0	31	0.5	1.9	0.2	56	0.80
WHT 43752	Soil		6.6	50.7	19.2	72	0.2	78.4	11.4	290	2.90	8.6	0.9	27.3	3.5	26	0.2	2.1	0.2	67	0.30
WHT 43756	Soil		1.1	61.9	7.1	106	0.3	73.4	17.0	515	3.37	8.3	1.4	3.0	3.6	26	0.4	0.8	0.2	86	0.72
WHT 43901	Soil		1.1	44.8	7.9	97	0.1	36.2	14.4	251	2.84	14.0	0.8	4.2	3.7	20	0.3	0.9	0.2	69	0.28
WHT 43902	Soil		1.7	47.7	7.7	85	0.2	39.1	11.5	407	2.76	30.1	0.9	4.2	3.5	20	0.4	1.3	0.1	61	0.23
WHT 43903	Soil		1.7	58.6	8.3	91	0.2	34.5	13.2	378	3.39	9.2	2.0	5.5	4.5	33	0.2	0.9	0.2	88	0.41
WHT 43904	Soil		2.4	36.4	5.6	122	0.2	51.0	9.3	413	2.88	7.1	1.4	2.9	3.8	28	0.5	1.0	0.1	96	0.43
WHT 43905	Soil		3.9	78.0	5.6	181	0.2	81.2	17.9	684	3.93	2.1	1.7	4.9	5.4	26	0.6	0.5	0.1	131	0.68
WHT 43906	Soil		2.0	141.3	8.6	108	0.2	252.4	27.1	465	4.78	3.8	1.4	8.2	5.3	45	0.3	1.5	0.1	106	0.38
WHT 43920	Soil		4.4	79.1	10.3	157	0.4	51.3	13.1	510	3.36	24.6	2.9	7.3	4.4	44	1.1	2.1	0.2	59	0.52
WHT 43967	Soil		0.5	36.6	3.9	38	<0.1	23.9	10.8	216	1.77	2.9	0.7	8.3	1.5	25	<0.1	0.2	<0.1	53	0.43
WHT 43998	Soil		7.2	51.6	8.8	120	0.7	28.7	7.5	271	2.46	53.0	1.3	4.2	1.7	31	0.7	1.1	0.2	63	0.21
WHT 43999	Soil		3.2	63.0	6.0	152	0.2	74.3	17.0	618	3.47	3.5	1.7	4.1	5.2	27	0.5	0.6	0.1	110	0.61
WHT 44112	Soil		1.4	29.6	10.6	101	0.3	38.7	12.3	484	3.16	6.2	0.9	13.0	5.5	20	0.2	0.4	0.1	57	0.31
WHT 44113	Soil		13.9	64.6	12.5	116	0.4	60.1	17.1	830	3.60	20.6	1.5	148.8	4.0	34	0.3	4.6	0.2	59	0.38
WHT 44114	Soil		0.8	36.8	8.1	53	0.1	28.9	10.2	418	2.42	8.9	0.6	9.4	2.7	50	0.2	0.8	0.1	56	1.52
WHT 44115	Soil		0.7	40.9	8.7	54	0.2	36.2	11.0	411	2.63	9.2	0.8	8.7	4.0	33	0.1	1.0	0.1	57	0.50
WHT 44116	Soil		1.0	37.5	9.0	54	0.2	34.4	10.7	377	2.60	9.3	0.9	9.3	4.2	33	<0.1	0.9	0.1	58	0.48
WHT 44117	Soil		1.5	34.4	7.3	58	<0.1	28.0	8.0	225	2.57	7.8	0.9	9.7	4.2	28	0.1	0.8	0.1	67	0.38
WHT 44118	Soil		1.4	37.9	6.5	74	0.2	49.5	11.5	295	3.22	6.2	0.9	0.7	2.9	25	0.2	0.6	0.1	85	0.32
WHT 44119	Soil		1.2	56.1	7.2	62	<0.1	50.3	13.3	369	2.97	9.2	0.9	5.6	4.0	29	0.1	0.7	0.1	77	0.46
WHT 44120	Soil		1.6	35.9	8.4	75	0.2	37.5	13.5	599	3.03	9.1	0.7	1.4	3.6	27	0.3	0.6	0.2	66	0.40
WHT 44121	Soil		1.9	26.5	8.6	83	0.2	27.6	10.3	393	2.90	5.8	0.8	1.4	3.5	33	0.3	0.5	0.2	62	0.37
WHT 44122	Soil		3.0	57.1	10.8	118	0.4	45.3	7.5	203	3.87	5.1	2.2	1.8	5.4	37	0.3	0.7	0.2	59	0.27
WHT 44123	Soil		1.2	39.3	8.2	75	0.2	34.3	12.0	296	3.02	10.2	1.2	16.3	5.1	32	0.2	0.6	0.2	71	0.39



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Project: WHT  
Report Date: July 29, 2009

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VAN09003100.1

	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 43445	Soil	0.071	20	47	0.48	602	0.053	4	1.31	0.012	0.12	0.1	0.03	5.9	0.2	<0.05	4	1.4
WHT 43446	Soil	0.088	16	55	0.36	885	0.027	4	1.18	0.010	0.11	0.2	0.04	6.4	0.2	<0.05	4	1.2
WHT 43447	Soil	0.119	18	73	0.70	776	0.069	3	1.38	0.013	0.31	0.5	0.06	8.4	0.3	<0.05	4	0.7
WHT 43448	Soil	0.086	15	51	0.69	797	0.106	2	1.67	0.015	0.13	0.4	0.07	4.8	0.2	<0.05	6	0.9
WHT 43449	Soil	0.107	17	46	0.59	1112	0.088	2	1.38	0.015	0.13	0.8	0.09	5.3	0.2	<0.05	5	0.8
WHT 43450	Soil	0.078	11	44	0.52	444	0.063	2	1.13	0.015	0.09	0.1	0.05	3.5	0.1	<0.05	4	0.8
WHT 43752	Soil	0.052	14	106	0.68	617	0.094	1	1.49	0.010	0.13	0.1	0.04	4.1	0.1	<0.05	6	0.7
WHT 43756	Soil	0.081	16	74	0.78	683	0.083	3	1.65	0.015	0.20	0.1	0.04	6.8	0.2	<0.05	5	1.1
WHT 43901	Soil	0.060	12	37	0.54	442	0.066	2	1.65	0.011	0.13	0.2	0.03	3.4	0.2	<0.05	5	0.9
WHT 43902	Soil	0.051	10	34	0.44	357	0.048	3	1.25	0.010	0.10	0.2	0.01	3.3	0.1	<0.05	4	<0.5
WHT 43903	Soil	0.066	18	51	0.75	882	0.122	1	1.98	0.020	0.12	0.1	0.05	5.5	0.2	<0.05	6	0.8
WHT 43904	Soil	0.118	16	67	0.99	791	0.118	1	1.78	0.015	0.40	0.2	0.02	3.7	0.3	<0.05	6	1.2
WHT 43905	Soil	0.185	18	92	1.46	909	0.161	2	2.23	0.008	0.80	0.2	0.02	6.3	0.5	<0.05	6	2.0
WHT 43906	Soil	0.078	24	355	1.74	973	0.219	<1	2.12	0.011	1.03	<0.1	0.02	5.7	0.6	0.31	9	1.0
WHT 43920	Soil	0.128	16	34	0.47	537	0.058	3	0.95	0.018	0.30	0.2	0.06	4.2	0.2	0.08	3	2.4
WHT 43967	Soil	0.049	7	37	0.59	180	0.079	1	0.93	0.017	0.06	0.1	0.02	2.5	<0.1	<0.05	3	<0.5
WHT 43998	Soil	0.072	11	26	0.38	251	0.046	3	1.01	0.015	0.11	0.2	0.13	2.4	0.4	<0.05	4	1.5
WHT 43999	Soil	0.161	19	92	1.20	797	0.131	1	1.94	0.009	0.57	0.1	0.02	5.1	0.3	<0.05	6	1.2
WHT 44112	Soil	0.043	10	52	0.86	383	0.131	1	1.61	0.012	0.50	0.1	0.02	3.8	0.4	<0.05	6	<0.5
WHT 44113	Soil	0.033	18	37	0.35	489	0.043	2	0.96	0.016	0.14	0.2	0.05	7.3	0.1	<0.05	3	1.0
WHT 44114	Soil	0.075	14	29	0.60	418	0.075	2	1.11	0.030	0.08	0.2	0.04	3.6	<0.1	<0.05	3	<0.5
WHT 44115	Soil	0.046	16	38	0.54	510	0.082	2	1.23	0.025	0.08	0.1	0.05	5.2	<0.1	<0.05	4	<0.5
WHT 44116	Soil	0.045	16	38	0.52	538	0.085	2	1.28	0.023	0.08	0.1	0.05	4.8	<0.1	<0.05	4	<0.5
WHT 44117	Soil	0.060	14	37	0.57	358	0.099	1	1.30	0.017	0.11	0.1	0.02	3.9	<0.1	<0.05	4	0.7
WHT 44118	Soil	0.069	12	60	0.80	549	0.131	1	1.68	0.013	0.39	0.1	0.01	3.7	0.1	0.05	5	<0.5
WHT 44119	Soil	0.046	18	44	0.64	399	0.108	2	1.42	0.022	0.12	0.1	0.05	5.5	<0.1	<0.05	4	<0.5
WHT 44120	Soil	0.047	12	41	0.44	382	0.066	3	1.44	0.012	0.21	0.1	0.02	5.4	0.1	<0.05	4	<0.5
WHT 44121	Soil	0.059	12	35	0.47	528	0.075	2	1.38	0.018	0.17	<0.1	0.01	4.7	0.1	0.06	4	<0.5
WHT 44122	Soil	0.078	17	29	0.26	540	0.027	2	0.99	0.015	0.26	<0.1	0.03	5.2	0.2	0.21	3	1.2
WHT 44123	Soil	0.064	18	42	0.52	439	0.094	2	1.59	0.013	0.20	0.1	0.03	5.6	0.1	<0.05	5	<0.5



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Report Date: July 29, 2009

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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 44124	Soil		3.1	111.9	8.5	114	0.3	50.8	16.1	540	4.36	8.6	2.9	8.2	9.0	61	0.4	0.4	0.2	102	0.47
WHT 44125	Soil		5.5	51.3	11.6	152	1.3	29.7	10.0	463	3.65	4.9	3.7	2.4	4.0	66	0.7	0.5	0.2	65	0.65
WHT 44135	Soil		8.8	26.0	25.5	84	0.4	23.1	9.9	414	3.10	8.0	1.7	14.3	4.2	21	0.4	3.5	0.2	48	0.36
WHT 44573	Soil		1.0	28.7	6.2	69	0.1	33.1	19.7	342	2.95	4.8	0.7	3.6	1.8	18	0.3	0.2	0.1	67	0.33
WHT 44574	Soil		1.2	26.4	8.1	67	0.1	25.2	10.3	345	3.04	9.9	0.8	2.2	3.7	22	<0.1	0.4	0.1	71	0.33
WHT 44575	Soil		0.9	25.6	7.4	56	0.2	24.9	13.7	532	2.90	14.0	1.3	6.4	3.8	28	<0.1	0.5	0.1	68	0.57
WHT 47960	Soil		1.3	26.0	10.5	92	<0.1	23.5	10.7	616	3.50	5.0	1.5	0.5	9.3	16	<0.1	0.6	0.1	64	0.35
WHT 47961	Soil		2.4	46.6	8.0	104	0.1	53.0	13.6	681	3.70	22.1	1.1	3.2	3.8	22	0.3	0.7	0.2	78	0.21
WHT 47962	Soil		1.7	40.5	5.8	86	0.4	43.9	16.2	501	3.58	4.3	0.6	0.9	2.6	29	0.4	0.3	0.1	98	0.43
WHT 47963	Soil		1.9	53.0	8.7	113	0.3	32.6	9.5	302	3.10	4.8	1.2	2.3	5.2	26	0.3	0.3	0.2	69	0.24
WHT 47964	Soil		2.0	38.7	8.8	78	0.4	34.3	11.9	311	2.90	5.6	1.5	2.4	2.4	44	0.5	0.7	0.2	69	0.62
WHT 47965	Soil		3.6	62.1	17.4	143	0.3	53.9	18.0	690	4.21	13.6	1.8	12.9	7.7	39	0.6	1.5	0.2	40	0.39
WHT 47966	Soil		2.5	63.7	17.2	114	0.6	52.4	17.7	753	3.85	42.7	1.7	11.5	6.6	36	0.5	1.7	0.3	51	0.32
WHT 47967	Soil		4.1	59.9	17.6	107	0.7	42.5	13.4	498	3.27	88.6	2.4	31.2	5.5	57	0.8	1.8	0.2	36	0.52
WHT 47968	Soil		2.7	46.3	10.4	123	0.4	39.6	16.9	1271	3.45	23.4	1.8	13.8	3.6	36	0.7	0.9	0.2	71	0.69
WHT 47969	Soil		2.2	30.9	10.4	90	0.4	34.2	12.7	562	2.94	65.2	1.4	35.3	3.7	31	<0.1	1.6	0.2	47	0.34
WHT 47971	Soil		1.7	25.4	9.8	61	0.3	25.1	10.8	281	2.97	20.7	0.9	9.8	5.6	22	0.2	0.6	0.2	50	0.22
WHT 47972	Soil		1.7	60.0	9.5	95	0.4	77.2	17.4	943	3.13	5.6	2.2	31.6	5.0	37	0.4	0.6	0.2	65	0.45
WHT 47990	Soil		0.8	69.1	6.9	49	<0.1	32.1	11.7	223	2.76	7.5	0.7	3.2	2.6	17	<0.1	0.3	0.1	69	0.23
WHT 43582	Soil		1.8	46.3	8.7	112	0.2	50.1	15.7	499	3.47	9.9	1.1	2.1	5.2	32	0.4	0.5	0.2	77	0.45
WHT 43583	Soil		1.5	32.4	7.4	74	0.2	33.1	13.1	472	2.98	9.2	0.6	0.6	3.9	34	0.4	0.5	0.1	66	0.47
WHT 43584	Soil		2.6	42.4	8.6	108	0.3	144.8	21.7	765	3.18	15.9	1.2	8.5	3.0	36	0.7	0.9	0.2	66	0.50
WHT 44589	Soil		0.9	29.6	8.0	60	<0.1	34.8	14.3	374	3.48	6.4	1.5	2.6	10.6	19	<0.1	0.6	0.2	57	0.30
WHT 44590	Soil		1.0	32.0	11.7	87	<0.1	37.1	14.4	347	3.70	7.1	1.3	3.3	10.4	19	<0.1	0.6	0.3	63	0.38
WHT 44591	Soil		1.1	32.6	12.1	90	<0.1	37.8	14.1	341	3.84	7.2	1.3	4.3	10.0	20	0.1	0.7	0.2	68	0.39
WHT 44592	Soil		0.9	24.1	13.3	99	0.2	28.5	14.5	651	3.37	8.7	2.0	8.8	7.6	28	0.2	0.5	0.3	52	0.52
WHT 44593	Soil		1.9	22.2	42.3	115	0.1	17.5	8.5	1294	3.39	8.1	2.7	4.1	20.5	15	0.4	0.8	0.3	65	0.19
WHT 44594	Soil		1.8	14.9	15.3	61	<0.1	21.9	10.7	324	3.67	8.6	1.6	8.1	10.1	26	<0.1	0.5	0.3	65	0.35
WHT 44595	Soil		1.4	39.4	21.8	66	<0.1	34.3	12.7	366	3.10	11.7	2.3	8.8	34.0	19	0.2	1.0	0.2	64	0.22
WHT 44596	Soil		1.3	12.4	7.3	65	<0.1	9.6	4.9	827	2.08	3.1	0.7	1.0	2.5	14	0.2	0.5	0.3	54	0.15



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

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## CERTIFICATE OF ANALYSIS

VAN09003100.1

	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 44124	Soil	0.168	50	60	1.17	876	0.198	2	2.06	0.013	1.02	0.1	0.04	5.8	0.4	0.16	7	0.7
WHT 44125	Soil	0.160	18	35	0.45	333	0.062	4	1.55	0.035	0.19	0.3	0.07	4.2	0.2	0.11	5	2.7
WHT 44135	Soil	0.061	13	27	0.38	560	0.055	2	1.17	0.009	0.22	0.1	0.03	5.4	0.2	<0.05	4	<0.5
WHT 44573	Soil	0.085	9	34	0.53	333	0.089	2	1.71	0.016	0.12	0.1	0.02	3.5	0.1	<0.05	5	<0.5
WHT 44574	Soil	0.037	12	40	0.57	362	0.087	1	1.70	0.013	0.12	0.1	0.02	4.1	0.1	<0.05	6	<0.5
WHT 44575	Soil	0.049	16	65	0.60	603	0.076	2	1.64	0.016	0.09	0.1	0.04	5.6	<0.1	<0.05	5	<0.5
WHT 47960	Soil	0.096	17	43	0.90	331	0.114	1	1.86	0.007	0.85	<0.1	<0.01	5.8	0.5	<0.05	8	<0.5
WHT 47961	Soil	0.039	12	45	0.38	698	0.037	2	1.08	0.009	0.07	0.2	0.03	5.5	0.1	<0.05	4	0.6
WHT 47962	Soil	0.093	9	63	0.96	980	0.126	2	1.99	0.013	0.50	0.2	0.01	3.6	0.2	<0.05	7	0.7
WHT 47963	Soil	0.043	19	42	0.91	539	0.104	<1	1.75	0.011	0.50	0.1	0.01	3.6	0.3	<0.05	6	1.3
WHT 47964	Soil	0.051	11	37	0.54	681	0.055	2	1.52	0.013	0.16	0.1	0.02	3.1	0.1	<0.05	5	1.2
WHT 47965	Soil	0.039	21	22	0.27	390	0.015	4	0.84	0.007	0.15	0.1	0.03	5.2	0.2	<0.05	3	1.4
WHT 47966	Soil	0.030	22	33	0.31	546	0.025	5	1.13	0.010	0.18	0.2	0.06	6.5	0.2	<0.05	3	0.8
WHT 47967	Soil	0.043	20	20	0.31	393	0.013	3	0.85	0.013	0.16	0.2	0.10	4.4	0.2	0.06	3	2.2
WHT 47968	Soil	0.094	17	42	0.62	554	0.060	2	1.31	0.014	0.15	0.1	0.07	5.8	0.2	<0.05	5	1.7
WHT 47969	Soil	0.040	13	23	0.35	259	0.034	2	1.03	0.013	0.08	0.2	0.07	4.1	0.1	<0.05	3	1.1
WHT 47971	Soil	0.029	15	27	0.49	207	0.070	1	1.34	0.013	0.17	0.1	0.04	2.7	0.2	<0.05	4	<0.5
WHT 47972	Soil	0.060	21	84	1.01	637	0.097	1	1.72	0.020	0.34	0.1	0.05	5.5	0.3	0.06	6	1.0
WHT 47990	Soil	0.032	8	63	0.71	190	0.094	<1	1.85	0.012	0.06	0.1	0.02	3.3	0.1	<0.05	6	<0.5
WHT 43582	Soil	0.056	20	50	0.62	598	0.088	1	1.71	0.013	0.25	0.1	0.05	6.0	0.2	<0.05	5	0.6
WHT 43583	Soil	0.034	16	39	0.53	536	0.084	2	1.56	0.018	0.21	0.1	0.03	5.1	0.1	<0.05	5	<0.5
WHT 43584	Soil	0.077	14	90	0.94	595	0.068	2	1.28	0.015	0.17	0.1	0.04	4.2	0.2	<0.05	4	1.1
WHT 44589	Soil	0.071	34	46	0.79	311	0.104	<1	1.77	0.011	0.23	<0.1	0.02	4.6	0.3	<0.05	6	<0.5
WHT 44590	Soil	0.051	22	47	0.94	367	0.147	1	1.90	0.011	0.30	0.1	0.03	4.9	0.3	<0.05	7	<0.5
WHT 44591	Soil	0.046	24	48	0.93	403	0.151	<1	1.91	0.012	0.28	0.1	0.02	5.2	0.3	<0.05	7	<0.5
WHT 44592	Soil	0.065	27	34	0.63	370	0.099	<1	1.37	0.015	0.28	0.2	0.06	4.9	0.3	<0.05	5	<0.5
WHT 44593	Soil	0.048	36	24	0.27	399	0.046	1	1.36	0.015	0.07	0.2	0.10	2.3	0.2	<0.05	7	<0.5
WHT 44594	Soil	0.028	18	30	0.42	905	0.031	1	2.02	0.012	0.10	0.1	0.02	2.9	0.2	<0.05	6	<0.5
WHT 44595	Soil	0.029	26	49	0.50	298	0.067	1	1.80	0.015	0.07	0.2	0.03	2.8	0.1	<0.05	5	<0.5
WHT 44596	Soil	0.035	7	16	0.16	200	0.054	<1	0.86	0.016	0.07	0.2	0.04	1.4	0.1	<0.05	6	<0.5



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Project: WHT  
Report Date: July 29, 2009

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## CERTIFICATE OF ANALYSIS

VAN09003100.1

	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 44597	Soil		2.4	21.3	13.9	100	0.1	23.8	11.4	1403	3.26	6.7	2.6	3.1	14.2	19	0.3	0.4	0.4	56	0.24	
WHT 44598	Soil		2.2	18.8	6.2	31	<0.1	4.7	2.5	125	1.42	2.9	0.9	3.7	2.1	12	0.1	0.3	0.3	51	0.13	
WHT 44606	Soil		0.9	132.9	5.6	57	0.4	31.6	15.6	373	3.15	2.8	1.8	7.5	3.2	29	0.2	0.2	0.1	83	0.56	
WHT 44611	Soil		1.5	10.9	11.3	51	<0.1	13.7	6.5	331	3.00	13.2	1.2	2.1	6.3	17	0.1	1.3	0.3	52	0.10	
WHT 47532	Soil		0.7	28.1	11.4	46	<0.1	24.5	10.3	490	2.55	9.5	1.0	5.1	6.2	30	<0.1	0.6	0.1	55	0.46	
WHT 44410	Soil		0.8	43.0	3.7	72	0.2	76.8	19.5	522	3.39	4.6	0.9	9.1	2.5	34	0.2	0.3	<0.1	86	1.02	
WHT 44419	Soil		1.3	30.7	7.0	61	0.1	16.4	10.9	798	2.84	4.0	0.4	3.1	1.5	13	<0.1	0.3	0.2	93	0.17	
WHT 44420	Soil		2.2	91.7	17.4	51	0.3	27.2	12.2	288	2.58	2.5	0.4	14.3	0.5	31	0.2	0.2	0.1	85	0.72	
WHT 44279	Soil		1.6	24.1	6.9	65	0.3	20.5	9.2	452	1.88	4.0	2.3	3.2	1.9	87	0.2	0.3	<0.1	33	1.61	
WHT 44281	Soil		1.2	19.1	7.7	60	0.2	18.7	7.7	203	2.49	4.0	0.8	5.2	3.6	20	<0.1	0.3	0.2	60	0.26	
WHT 44282	Soil		1.1	20.9	10.7	57	0.1	17.7	9.1	274	2.47	4.5	1.2	12.5	5.4	23	0.1	0.3	0.2	61	0.42	
WHT 44284	Soil		1.6	42.6	8.0	91	0.2	32.9	12.9	486	3.03	5.6	1.2	3.7	4.1	26	0.2	0.5	0.2	83	0.46	
WHT 44285	Soil		1.3	38.9	5.8	78	0.2	39.2	14.7	434	3.22	3.0	0.8	1.3	3.8	21	0.2	0.2	0.1	83	0.47	
WHT 44286	Soil		1.0	40.6	6.8	73	0.2	39.2	17.0	518	3.36	5.9	1.1	3.0	4.1	37	0.2	0.3	0.1	79	0.88	
WHT 44287	Soil		1.0	58.9	4.5	76	0.1	43.2	18.2	432	3.39	3.8	0.8	0.8	3.2	27	0.2	0.2	<0.1	85	0.67	
WHT 44289	Soil		1.2	47.5	4.8	86	0.2	53.5	19.4	494	3.66	3.0	0.9	1.2	3.9	26	0.2	0.1	<0.1	87	0.60	
WHT 44292	Soil		1.4	49.3	3.1	110	<0.1	48.0	20.7	796	4.46	2.1	0.9	<0.5	5.4	26	0.1	0.1	<0.1	97	0.51	
WHT 44299	Soil		0.8	69.0	5.8	63	0.1	30.6	17.5	625	2.97	3.5	0.6	4.2	1.1	40	0.2	0.3	0.1	77	0.96	
WHT 44300	Soil		0.9	51.9	5.9	55	0.1	28.6	19.3	789	2.66	3.7	0.5	2.0	1.1	39	0.2	0.2	0.1	85	0.93	
WHT 44303	Soil		0.6	57.9	8.0	56	0.2	56.9	22.1	690	3.63	3.4	0.7	5.6	3.0	29	0.2	0.4	<0.1	101	0.73	
WHT 44305	Soil		0.4	64.1	6.2	55	0.1	48.7	18.1	505	2.97	3.0	0.6	4.6	1.1	34	0.1	0.3	<0.1	89	1.06	
WHT 47815	Soil		2.7	63.9	8.4	140	0.3	60.1	14.5	779	3.52	12.7	1.5	8.7	5.0	41	0.3	2.1	0.2	58	0.19	
WHT 47816	Soil		3.6	73.5	13.8	198	0.5	82.6	19.5	1392	4.73	31.5	1.9	20.3	6.4	69	0.7	2.1	0.2	74	2.19	
WHT 47817	Soil		1.9	39.0	25.1	138	0.8	28.3	17.1	1409	6.56	52.3	1.3	150.9	6.6	43	0.4	1.5	0.1	96	1.04	
WHT 47818	Soil		2.3	37.9	11.8	97	0.1	43.4	15.6	518	3.98	13.5	1.0	18.1	4.3	24	0.2	0.9	0.1	79	0.37	
WHT 47819	Soil		2.1	42.9	6.5	107	<0.1	42.9	21.8	770	4.62	4.2	0.8	4.3	4.2	22	0.2	0.5	<0.1	87	0.55	
WHT 47820	Soil		2.5	34.2	6.5	120	<0.1	27.5	16.1	356	4.57	4.2	0.8	0.8	2.7	23	0.1	0.8	<0.1	71	0.56	
WHT 47821	Soil		1.5	15.5	11.3	62	<0.1	20.0	9.6	288	2.89	6.3	0.4	<0.5	2.2	16	0.2	0.4	0.1	68	0.25	
WHT 47824	Soil		1.3	27.8	6.0	66	0.2	28.6	12.4	551	2.61	8.7	6.5	9.2	2.6	75	0.2	0.5	<0.1	60	1.51	
WHT 47825	Soil		1.9	62.9	3.9	128	0.2	60.3	22.1	520	4.22	3.2	1.5	16.9	4.4	35	0.2	0.2	<0.1	118	0.59	



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Project: WHT  
Report Date: July 29, 2009

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## CERTIFICATE OF ANALYSIS

VAN09003100.1

	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 44597	Soil	0.075	40	37	0.39	367	0.062	1	1.71	0.016	0.13	0.2	0.05	2.6	0.2	<0.05	6	<0.5
WHT 44598	Soil	0.021	10	10	0.12	136	0.060	<1	0.78	0.009	0.06	0.2	0.01	1.4	0.1	<0.05	6	<0.5
WHT 44606	Soil	0.065	23	65	0.92	525	0.114	<1	1.80	0.015	0.17	0.1	0.04	6.1	0.1	<0.05	6	0.6
WHT 44611	Soil	0.042	16	23	0.31	250	0.043	1	1.19	0.010	0.11	0.1	0.02	2.6	0.2	<0.05	6	<0.5
WHT 47532	Soil	0.023	15	30	0.45	475	0.052	2	1.25	0.019	0.09	0.1	0.02	5.4	<0.1	<0.05	4	<0.5
WHT 44410	Soil	0.074	18	196	1.51	674	0.127	<1	1.94	0.019	0.33	0.1	0.03	6.8	0.2	<0.05	6	0.6
WHT 44419	Soil	0.027	8	42	0.47	213	0.119	<1	1.37	0.019	0.06	0.1	0.03	2.6	<0.1	<0.05	7	<0.5
WHT 44420	Soil	0.046	5	69	0.81	352	0.094	2	1.34	0.021	0.09	<0.1	0.04	4.9	0.1	<0.05	6	<0.5
WHT 44279	Soil	0.064	43	24	0.35	749	0.066	4	1.23	0.029	0.11	0.2	0.05	3.3	0.1	0.11	4	0.8
WHT 44281	Soil	0.025	16	38	0.53	287	0.120	1	1.64	0.016	0.17	<0.1	0.02	3.1	0.2	<0.05	7	<0.5
WHT 44282	Soil	0.038	18	36	0.51	403	0.097	<1	1.39	0.017	0.12	0.2	0.01	3.6	0.1	<0.05	5	<0.5
WHT 44284	Soil	0.085	15	62	0.81	525	0.106	<1	1.59	0.012	0.26	0.2	0.02	4.4	0.2	<0.05	6	0.7
WHT 44285	Soil	0.064	14	80	1.10	503	0.125	2	1.91	0.016	0.31	0.2	0.01	3.9	0.3	<0.05	8	<0.5
WHT 44286	Soil	0.071	16	72	1.07	621	0.123	1	1.95	0.020	0.28	0.1	0.02	3.9	0.2	<0.05	7	0.6
WHT 44287	Soil	0.088	11	81	1.14	534	0.117	2	1.84	0.019	0.29	0.1	0.02	5.0	0.2	<0.05	6	<0.5
WHT 44289	Soil	0.100	13	93	1.32	533	0.142	2	2.19	0.017	0.42	0.2	0.01	3.6	0.3	<0.05	7	0.8
WHT 44292	Soil	0.118	13	141	1.95	382	0.246	<1	3.22	0.013	1.33	0.3	<0.01	2.7	0.6	<0.05	10	0.5
WHT 44299	Soil	0.064	7	62	0.98	574	0.071	2	1.65	0.023	0.12	0.1	0.04	6.6	0.1	<0.05	5	0.9
WHT 44300	Soil	0.060	6	73	0.88	395	0.084	1	1.50	0.021	0.08	0.1	0.03	4.3	0.1	<0.05	6	0.6
WHT 44303	Soil	0.041	17	135	1.33	639	0.083	2	2.03	0.021	0.15	0.1	0.03	6.2	0.2	<0.05	7	0.5
WHT 44305	Soil	0.039	6	130	1.36	426	0.081	2	1.86	0.020	0.08	<0.1	0.04	5.5	0.2	<0.05	6	0.5
WHT 47815	Soil	0.068	9	21	0.07	1192	0.003	2	0.70	0.005	0.08	0.1	0.08	5.3	0.3	<0.05	2	1.6
WHT 47816	Soil	0.126	17	31	0.40	697	0.003	2	0.62	0.005	0.08	0.1	0.06	6.8	0.3	<0.05	3	2.1
WHT 47817	Soil	0.185	21	45	0.50	1079	0.014	4	1.64	0.006	0.23	<0.1	0.04	16.6	0.3	<0.05	6	2.5
WHT 47818	Soil	0.071	13	44	0.39	345	0.017	4	1.78	0.013	0.08	0.1	0.03	6.3	0.2	<0.05	5	0.7
WHT 47819	Soil	0.118	14	127	0.52	613	0.012	5	1.28	0.007	0.16	<0.1	0.02	12.3	0.2	<0.05	5	0.8
WHT 47820	Soil	0.148	10	34	0.95	818	0.078	1	2.52	0.009	0.46	<0.1	<0.01	6.4	0.2	<0.05	10	1.1
WHT 47821	Soil	0.028	8	31	0.46	397	0.074	2	1.92	0.013	0.12	0.1	<0.01	2.9	0.1	<0.05	6	<0.5
WHT 47824	Soil	0.062	12	44	0.66	388	0.080	3	1.43	0.030	0.22	0.1	0.03	4.2	0.1	0.09	5	1.2
WHT 47825	Soil	0.142	20	76	1.39	777	0.150	<1	2.40	0.017	0.57	0.1	0.01	6.4	0.3	<0.05	9	1.3



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

Project: WHT  
Report Date: July 29, 2009

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## CERTIFICATE OF ANALYSIS

VAN09003100.1

	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	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
WHT 47826	Soil		1.3	48.1	7.9	73	0.2	70.9	26.5	718	4.31	8.9	1.3	22.7	2.8	49	0.1	0.6	<0.1	122	2.82	
WHT 47827	Soil		1.3	24.3	7.2	67	<0.1	24.9	12.5	368	3.27	9.6	0.5	5.7	3.2	23	0.3	0.5	<0.1	64	0.41	
WHT 47828	Soil		2.5	90.0	3.6	155	0.2	79.4	25.5	629	5.48	3.2	1.1	36.2	4.1	37	0.2	0.2	0.3	195	0.50	
WHT 48145	Soil		0.4	49.1	10.7	120	0.1	54.2	19.1	811	4.65	11.3	1.6	77.4	16.6	23	0.1	0.8	<0.1	89	0.56	
WHT 48146	Soil		2.3	27.8	8.3	159	<0.1	59.7	13.7	907	5.43	6.5	1.4	2.1	12.7	90	0.4	1.0	<0.1	155	0.42	
WHT 48147	Soil		1.6	49.9	7.5	122	<0.1	148.3	18.1	404	4.18	5.1	1.0	2.2	4.2	18	0.2	0.5	<0.1	145	0.51	
WHT 48148	Soil		1.4	28.3	8.2	101	0.1	46.4	20.2	746	3.83	5.2	0.9	11.9	4.6	21	0.3	0.3	0.1	104	0.43	
WHT 48149	Soil		1.5	32.4	9.6	109	0.2	49.5	21.3	825	4.15	4.0	1.7	6.1	8.2	27	0.2	0.2	0.1	94	0.58	
WHT 48150	Soil		1.4	26.7	9.1	108	0.1	45.2	19.2	756	4.01	4.5	0.9	17.1	5.4	25	0.2	0.2	0.1	95	0.59	
WHT 48151	Soil		1.8	25.6	6.8	89	0.2	41.3	25.7	1079	3.45	5.8	0.9	11.5	3.0	26	0.2	0.2	0.1	93	0.57	
WHT 48152	Soil		0.9	52.1	6.1	73	0.2	64.2	23.4	700	3.55	4.1	1.3	17.7	3.5	34	0.2	0.2	<0.1	90	0.74	
WHT 48153	Soil		0.8	69.1	15.0	69	0.3	63.4	28.1	553	4.36	3.3	0.6	58.9	2.2	25	0.1	0.2	<0.1	136	0.64	
WHT 48154	Soil		0.6	95.1	4.8	61	0.2	48.0	23.5	556	3.84	3.7	0.6	2.6	1.5	25	0.1	0.5	<0.1	118	0.64	
WHT 48155	Soil		0.7	63.9	5.1	61	0.1	32.9	18.4	331	3.59	4.0	0.4	4.0	1.3	21	<0.1	0.2	<0.1	118	0.47	
WHT 48156	Soil		0.5	41.8	5.4	75	0.1	25.5	12.6	388	2.47	3.6	0.5	2.7	1.3	30	0.1	0.2	<0.1	71	0.67	
WHT 48157	Soil		0.5	27.3	4.5	51	<0.1	22.9	11.6	252	1.99	2.8	2.3	1.8	2.1	46	0.1	0.2	<0.1	58	0.73	
WHT 48158	Soil		0.7	26.5	7.0	63	<0.1	29.5	12.2	460	2.31	6.7	1.5	5.0	4.3	52	0.3	0.6	0.1	50	1.69	
WHT 48159	Soil		0.6	41.1	7.9	69	0.1	32.4	12.1	419	3.02	6.7	0.9	6.1	6.6	44	0.2	0.6	0.2	66	1.08	
WHT 47533	Soil		0.6	29.2	15.1	45	<0.1	22.1	9.3	419	2.69	9.7	1.1	10.4	7.7	30	0.2	0.7	0.2	52	0.41	
WHT 47534	Soil		1.1	31.8	11.1	64	<0.1	30.3	10.4	424	2.88	24.0	0.9	10.1	7.4	34	0.2	1.0	0.2	57	0.42	
WHT 47535	Soil		2.6	49.1	7.4	125	0.2	34.5	13.9	601	4.56	17.5	1.1	13.7	5.0	38	0.4	1.3	0.1	53	0.61	
WHT 47973	Soil		0.9	30.6	9.0	60	<0.1	27.6	10.7	287	2.97	9.6	0.9	2.4	5.8	21	<0.1	0.6	0.2	67	0.20	
WHT 47974	Soil		1.4	29.0	7.2	67	0.1	32.4	10.8	333	3.21	6.6	0.7	2.2	4.1	24	0.1	0.2	0.1	77	0.27	
WHT 47975	Soil		1.2	30.5	7.5	68	0.1	32.2	10.9	346	3.30	6.5	0.8	3.7	4.3	25	0.1	0.3	0.1	79	0.28	
WHT 47982	Soil		0.5	69.7	3.1	23	0.3	26.8	23.6	359	1.38	1.2	1.1	3.5	<0.1	49	0.5	0.3	<0.1	11	0.65	
WHT 47651	Soil		1.4	18.1	6.2	78	<0.1	17.4	7.9	277	2.92	5.7	0.8	<0.5	3.5	19	0.1	0.3	<0.1	52	0.22	
WHT 47652	Soil		0.9	22.1	6.7	69	0.2	19.8	8.5	279	2.95	4.4	1.1	4.6	4.5	24	0.1	0.3	0.1	52	0.28	
WHT 47653	Soil		1.1	24.9	7.1	57	<0.1	28.8	10.4	261	2.96	6.1	0.6	6.1	3.7	19	0.1	0.3	0.1	64	0.26	
WHT 47654	Soil		0.8	26.6	13.1	56	0.2	20.8	10.5	410	2.60	4.2	1.0	10.9	3.9	27	0.2	0.3	0.2	66	0.45	
WHT 47655	Soil		1.1	38.7	6.6	63	0.1	32.6	13.5	397	3.17	4.5	0.8	3.9	3.4	27	0.1	0.3	0.1	80	0.50	





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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 47826	Soil	0.068	15	163	1.74	336	0.107	2	2.17	0.025	0.09	0.2	0.03	9.1	<0.1	<0.05	9	1.1
WHT 47827	Soil	0.057	9	39	0.69	557	0.091	2	1.88	0.016	0.33	0.1	0.02	4.4	0.2	<0.05	6	<0.5
WHT 47828	Soil	0.160	20	143	1.99	1181	0.243	<1	3.16	0.015	1.34	0.9	<0.01	4.3	0.6	0.09	11	1.7
WHT 48145	Soil	0.157	42	120	1.36	791	0.094	2	2.81	0.013	1.02	0.1	0.02	9.0	0.5	<0.05	9	<0.5
WHT 48146	Soil	0.103	13	99	0.57	502	0.050	1	1.84	0.009	0.11	<0.1	<0.01	10.6	0.2	<0.05	8	0.9
WHT 48147	Soil	0.058	21	253	1.66	959	0.107	2	2.64	0.008	0.50	<0.1	<0.01	6.3	0.3	<0.05	11	<0.5
WHT 48148	Soil	0.080	15	99	1.12	659	0.115	2	2.00	0.018	0.40	0.2	0.03	5.5	0.3	<0.05	8	0.6
WHT 48149	Soil	0.114	33	108	1.34	822	0.134	2	2.41	0.015	0.57	0.2	0.04	5.9	0.4	<0.05	8	0.9
WHT 48150	Soil	0.093	17	108	1.34	591	0.131	2	2.34	0.016	0.46	0.1	0.02	4.7	0.3	<0.05	8	0.5
WHT 48151	Soil	0.081	14	107	1.08	466	0.125	1	1.89	0.018	0.31	0.2	0.03	3.8	0.3	0.06	8	0.6
WHT 48152	Soil	0.077	16	174	1.47	753	0.130	2	2.11	0.017	0.27	<0.1	0.03	5.2	0.3	<0.05	7	0.6
WHT 48153	Soil	0.064	9	187	1.97	395	0.166	2	2.35	0.021	0.54	0.1	0.01	5.8	0.3	<0.05	8	<0.5
WHT 48154	Soil	0.044	9	123	1.53	381	0.132	2	2.22	0.031	0.12	<0.1	0.02	6.0	0.2	<0.05	8	0.6
WHT 48155	Soil	0.028	6	84	1.19	283	0.161	2	1.92	0.032	0.16	<0.1	0.01	4.0	0.1	<0.05	7	<0.5
WHT 48156	Soil	0.060	7	63	0.80	229	0.088	2	1.39	0.030	0.09	<0.1	0.03	4.0	<0.1	<0.05	5	<0.5
WHT 48157	Soil	0.059	8	38	0.67	173	0.083	4	1.17	0.033	0.07	0.2	0.02	2.8	<0.1	<0.05	4	<0.5
WHT 48158	Soil	0.054	16	38	0.54	645	0.055	3	1.29	0.025	0.13	0.1	0.03	3.3	0.1	0.07	4	0.9
WHT 48159	Soil	0.067	21	41	0.71	500	0.095	2	1.76	0.043	0.16	0.2	0.03	4.8	0.1	<0.05	5	0.6
WHT 47533	Soil	0.021	15	26	0.42	457	0.039	2	1.32	0.020	0.10	0.1	0.02	5.9	<0.1	<0.05	3	<0.5
WHT 47534	Soil	0.035	18	32	0.45	542	0.056	2	1.40	0.024	0.09	0.2	0.03	6.3	<0.1	<0.05	4	<0.5
WHT 47535	Soil	0.147	24	22	0.75	1118	0.108	2	1.66	0.015	0.61	0.1	0.02	10.0	0.3	<0.05	5	1.3
WHT 47973	Soil	0.038	15	35	0.56	419	0.088	2	2.27	0.016	0.05	0.1	0.02	3.6	0.1	<0.05	6	<0.5
WHT 47974	Soil	0.072	13	61	0.92	367	0.133	1	2.00	0.016	0.30	0.2	0.02	3.0	0.2	<0.05	6	0.5
WHT 47975	Soil	0.067	13	61	0.92	370	0.140	<1	2.05	0.014	0.32	0.1	<0.01	3.0	0.2	<0.05	7	<0.5
WHT 47982	Soil	0.136	12	10	0.17	915	0.023	3	0.79	0.034	0.05	<0.1	0.09	4.8	<0.1	0.12	<1	0.6
WHT 47651	Soil	0.050	13	20	0.47	251	0.132	<1	1.76	0.014	0.24	0.1	<0.01	2.7	0.2	<0.05	7	<0.5
WHT 47652	Soil	0.048	22	27	0.51	338	0.136	<1	1.92	0.015	0.21	0.2	0.02	3.1	0.2	<0.05	7	<0.5
WHT 47653	Soil	0.043	13	56	0.74	297	0.120	<1	1.84	0.013	0.11	0.1	0.01	2.9	0.1	<0.05	6	<0.5
WHT 47654	Soil	0.034	15	43	0.55	394	0.083	<1	1.42	0.024	0.11	<0.1	0.02	3.7	0.1	<0.05	6	<0.5
WHT 47655	Soil	0.060	13	66	0.98	433	0.139	1	1.90	0.022	0.15	0.1	0.01	4.2	0.2	<0.05	6	<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	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 47656	Soil		1.0	36.8	6.4	64	0.1	32.7	13.1	381	3.12	4.4	0.7	2.5	3.4	27	0.1	0.3	0.1	78	0.49
WHT 47657	Soil		0.9	55.8	4.5	63	0.1	39.7	17.9	451	3.52	2.7	0.4	1.9	1.9	19	0.1	0.2	<0.1	93	0.43
WHT 47658	Soil		0.7	80.9	3.4	76	<0.1	46.6	23.4	562	4.47	2.9	0.4	1.5	1.4	18	<0.1	0.3	<0.1	118	0.42
WHT 47659	Soil		0.6	78.1	4.7	58	0.1	48.7	22.3	488	3.43	2.9	0.4	1.7	1.0	23	0.2	0.4	<0.1	93	0.54
WHT 47660	Soil		0.7	88.3	4.5	53	0.1	38.0	18.6	358	3.06	4.6	0.3	2.9	1.0	22	0.1	0.3	<0.1	88	0.37
WHT 47661	Soil		0.6	59.4	3.9	52	<0.1	37.3	16.3	302	2.71	4.5	0.4	3.9	1.3	20	0.1	0.2	<0.1	73	0.35
WHT 47662	Soil		0.6	54.9	4.2	49	0.2	25.1	11.2	195	2.26	3.2	0.4	4.3	0.8	17	0.1	0.1	<0.1	66	0.26
WHT 47663	Soil		0.5	46.6	4.9	51	0.1	27.2	11.0	230	2.46	3.4	0.5	1.2	1.1	19	0.1	0.3	<0.1	66	0.31
WHT 47664	Soil		0.4	131.5	4.3	42	0.2	42.1	15.2	360	2.46	3.4	0.7	1.6	1.5	30	0.3	0.2	<0.1	62	0.58
WHT 47665	Soil		0.4	59.8	2.5	43	<0.1	56.0	16.0	260	2.60	3.7	0.3	0.7	0.7	23	<0.1	0.1	<0.1	77	0.45
WHT 47666	Soil		0.4	93.1	2.4	48	<0.1	64.6	22.5	403	3.23	2.4	0.1	<0.5	0.3	16	<0.1	<0.1	<0.1	104	0.29
WHT 47667	Soil		0.4	84.8	2.7	51	<0.1	64.6	21.7	441	3.27	2.3	0.1	0.6	0.4	16	0.1	0.1	<0.1	103	0.30
WHT 44401	Soil		2.2	66.4	12.6	118	0.3	58.0	19.3	632	4.16	4.2	1.8	13.0	6.8	34	0.5	0.8	0.1	94	0.71
WHT 44402	Soil		1.2	57.6	4.6	64	0.2	29.5	18.5	703	2.57	3.4	0.9	4.8	1.8	35	0.2	0.2	<0.1	65	0.75
WHT 44403	Soil		1.4	54.1	6.0	91	0.1	38.7	15.8	711	3.90	3.4	1.3	3.0	6.0	31	0.2	0.2	<0.1	85	0.64
WHT 44404	Soil		0.6	98.6	5.8	64	0.2	47.1	17.1	676	3.02	4.0	1.8	6.1	2.7	52	0.2	0.5	<0.1	66	1.22
WHT 44405	Soil		0.8	56.6	9.2	66	0.3	46.3	14.1	747	3.30	8.9	1.2	12.3	2.8	46	0.3	0.9	0.1	69	1.09
WHT 44406	Soil		2.1	59.5	12.3	147	0.1	88.7	23.9	882	5.64	14.7	1.7	6.2	10.9	22	0.5	1.5	0.1	107	0.46
WHT 44407	Soil		1.1	49.6	5.7	93	<0.1	91.2	19.4	433	4.11	3.4	0.9	<0.5	6.3	25	0.2	0.3	<0.1	129	0.48
WHT 44408	Soil		1.7	25.7	7.2	108	<0.1	49.7	15.9	537	4.14	7.8	0.7	1.4	4.4	16	0.2	0.4	0.1	108	0.23
WHT 44409	Soil		1.0	25.7	5.4	80	<0.1	35.4	9.9	446	3.21	3.5	0.6	4.5	3.8	14	0.1	0.2	0.1	86	0.25
WHT 44411	Soil		0.5	39.2	6.1	58	0.1	36.0	14.0	361	2.84	6.7	0.8	8.5	2.0	39	0.2	0.4	<0.1	72	0.99
WHT 44412	Soil		1.2	45.5	7.7	55	0.2	34.8	18.1	473	3.08	4.0	0.5	7.7	1.7	26	<0.1	0.2	0.1	97	0.46
WHT 44413	Soil		0.5	53.2	7.6	57	0.2	40.5	17.3	530	2.88	3.9	0.8	7.0	2.2	40	0.2	0.3	<0.1	72	0.87
WHT 44414	Soil		1.1	37.8	5.8	68	0.2	35.1	11.4	528	3.02	7.1	0.5	3.8	1.9	28	0.3	0.3	0.1	87	0.50
WHT 44415	Soil		0.5	46.3	6.8	55	0.2	38.3	15.0	465	2.87	4.9	0.7	7.4	2.3	35	0.1	0.2	<0.1	70	0.74
WHT 44416	Soil		0.8	43.2	6.2	51	0.1	24.6	15.8	489	3.03	4.6	0.3	5.2	1.1	25	<0.1	0.2	<0.1	103	0.48
WHT 44417	Soil		0.5	86.5	4.0	51	0.1	51.2	16.0	378	2.82	3.6	0.3	2.1	0.9	23	0.1	0.1	<0.1	82	0.56
WHT 44418	Soil		0.4	91.7	4.2	58	0.3	50.6	19.6	712	3.07	5.5	0.4	6.7	0.7	30	0.2	0.3	<0.1	94	0.86
WHT 44421	Soil		0.6	36.9	6.7	53	<0.1	22.6	11.2	436	2.55	5.6	1.1	8.4	3.9	47	0.3	0.4	0.1	56	0.87



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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 47656	Soil	0.060	12	65	0.96	410	0.136	1	1.90	0.020	0.15	0.1	0.02	4.1	0.1	<0.05	6	<0.5
WHT 47657	Soil	0.086	5	94	1.30	545	0.156	<1	1.96	0.016	0.35	0.1	0.01	4.9	0.2	<0.05	6	<0.5
WHT 47658	Soil	0.085	6	104	1.36	472	0.107	1	2.19	0.016	0.28	<0.1	<0.01	8.6	0.2	<0.05	7	<0.5
WHT 47659	Soil	0.069	4	109	1.37	416	0.119	2	1.87	0.022	0.24	<0.1	0.01	6.7	0.1	<0.05	6	<0.5
WHT 47660	Soil	0.043	5	74	1.01	362	0.149	<1	1.69	0.024	0.13	<0.1	0.03	4.1	<0.1	<0.05	6	<0.5
WHT 47661	Soil	0.065	6	75	0.90	207	0.125	1	1.51	0.023	0.13	0.1	0.01	3.4	0.1	<0.05	5	<0.5
WHT 47662	Soil	0.049	5	58	0.79	263	0.126	<1	1.39	0.019	0.15	<0.1	0.03	2.8	0.1	<0.05	5	<0.5
WHT 47663	Soil	0.052	7	55	0.80	249	0.095	<1	1.48	0.021	0.07	0.1	0.02	3.6	<0.1	<0.05	5	<0.5
WHT 47664	Soil	0.048	7	92	1.03	369	0.118	<1	1.58	0.025	0.11	<0.1	0.02	3.7	0.1	<0.05	5	<0.5
WHT 47665	Soil	0.036	3	144	1.70	305	0.174	<1	2.01	0.019	0.29	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5
WHT 47666	Soil	0.037	2	165	2.18	413	0.241	<1	2.59	0.018	0.88	<0.1	<0.01	3.3	0.3	<0.05	7	<0.5
WHT 47667	Soil	0.037	2	164	2.10	409	0.232	<1	2.49	0.018	0.81	<0.1	<0.01	3.2	0.3	<0.05	7	<0.5
WHT 44401	Soil	0.098	22	76	1.33	623	0.127	<1	2.25	0.017	0.40	0.1	0.02	5.9	0.3	<0.05	8	1.6
WHT 44402	Soil	0.059	10	57	0.80	495	0.105	<1	1.44	0.022	0.19	0.1	0.02	4.0	0.1	0.05	4	0.6
WHT 44403	Soil	0.102	18	91	1.32	689	0.157	<1	2.42	0.016	0.93	0.1	0.01	5.4	0.3	<0.05	8	<0.5
WHT 44404	Soil	0.076	19	82	0.89	999	0.102	1	1.77	0.025	0.21	0.1	0.05	7.3	0.2	0.05	5	0.8
WHT 44405	Soil	0.075	19	57	0.71	735	0.065	2	1.64	0.028	0.11	0.1	0.05	6.3	<0.1	<0.05	5	0.6
WHT 44406	Soil	0.110	34	124	1.01	835	0.071	1	1.81	0.008	0.50	0.1	0.02	12.9	0.3	<0.05	6	1.1
WHT 44407	Soil	0.132	14	289	2.00	820	0.164	<1	2.78	0.013	0.65	0.2	<0.01	6.7	0.4	<0.05	9	0.5
WHT 44408	Soil	0.081	12	73	0.91	411	0.136	<1	2.40	0.013	0.30	0.1	0.01	4.5	0.2	<0.05	8	<0.5
WHT 44409	Soil	0.053	11	96	1.22	350	0.194	<1	1.99	0.013	0.58	0.1	0.01	3.2	0.4	<0.05	9	<0.5
WHT 44411	Soil	0.059	11	72	0.86	459	0.092	<1	1.46	0.033	0.12	0.1	0.04	5.2	0.1	0.05	5	0.8
WHT 44412	Soil	0.034	7	94	1.01	325	0.136	<1	1.65	0.023	0.07	0.1	0.02	4.1	0.1	<0.05	6	<0.5
WHT 44413	Soil	0.062	11	93	1.07	530	0.113	<1	1.66	0.026	0.14	0.1	0.03	4.9	0.1	<0.05	5	<0.5
WHT 44414	Soil	0.046	10	92	1.03	486	0.116	3	1.64	0.019	0.22	0.1	0.03	3.7	0.1	0.07	6	<0.5
WHT 44415	Soil	0.069	10	96	1.16	444	0.109	3	1.65	0.019	0.19	0.1	0.02	4.3	0.2	0.07	5	<0.5
WHT 44416	Soil	0.035	4	71	1.02	223	0.113	2	1.26	0.019	0.13	0.1	0.03	3.8	<0.1	0.05	6	0.6
WHT 44417	Soil	0.052	4	122	1.39	271	0.116	3	1.63	0.018	0.17	<0.1	0.01	4.2	<0.1	0.05	6	<0.5
WHT 44418	Soil	0.055	4	136	1.57	300	0.116	3	1.74	0.018	0.17	<0.1	0.03	6.0	0.1	<0.05	6	0.5
WHT 44421	Soil	0.078	14	31	0.68	283	0.077	5	1.34	0.026	0.14	0.2	0.02	4.5	<0.1	<0.05	4	0.5



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Project: WHT  
Report Date: July 29, 2009

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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		
					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 44422	Soil				0.6	37.3	6.6	54	<0.1	21.5	10.4	375	2.63	5.7	1.0	2.2	4.0	45	0.2	0.4	0.1	57	0.82	
WHT 44093	Soil				1.2	16.4	8.5	69	<0.1	13.6	5.3	192	2.63	5.7	0.4	2.2	1.7	9	0.2	0.3	0.2	54	0.09	
WHT 44096	Soil				2.5	31.1	8.3	99	0.3	32.1	14.6	599	3.13	9.9	1.3	5.0	3.5	22	0.3	0.4	0.1	70	0.31	
WHT 44097	Soil				1.0	23.3	8.2	70	0.2	13.7	6.1	345	2.26	6.0	0.9	17.6	2.1	30	0.4	0.3	0.1	45	0.39	
WHT 44098	Soil				1.0	14.4	6.3	57	<0.1	16.1	7.7	253	2.38	5.6	0.9	2.9	3.3	23	0.1	0.2	0.2	50	0.31	
WHT 44099	Soil				1.2	16.3	9.3	107	<0.1	12.0	7.2	429	3.07	6.0	0.9	8.8	5.3	24	0.2	0.4	<0.1	49	0.40	
WHT 44100	Soil				1.2	27.0	9.7	65	0.1	21.4	9.1	332	2.73	12.7	2.1	6.9	5.8	28	0.2	0.5	0.1	61	0.47	
WHT 44101	Soil				1.3	28.3	10.3	68	0.1	21.1	9.2	392	2.76	7.8	2.0	4.1	6.1	29	0.2	0.4	0.1	63	0.48	
WHT 44102	Soil				1.2	34.2	10.0	80	0.2	27.4	11.4	362	2.97	4.5	1.2	7.6	5.6	27	0.2	0.2	0.1	72	0.47	
WHT 44103	Soil				1.5	54.5	8.4	82	0.2	35.8	15.6	585	3.26	4.9	2.3	4.8	4.3	41	0.3	0.3	0.1	80	0.84	
WHT 44104	Soil				1.2	42.8	5.9	78	0.1	35.4	14.8	587	3.01	3.7	1.1	2.1	3.2	39	0.2	0.2	<0.1	69	0.78	
WHT 47976	Soil				1.1	38.1	5.2	56	0.1	43.0	13.9	309	2.94	3.6	0.5	0.5	2.2	23	<0.1	0.1	<0.1	77	0.36	
WHT 47977	Soil				0.8	68.7	5.9	97	0.3	63.3	30.4	904	6.18	17.6	0.5	31.0	1.9	42	0.2	1.9	<0.1	128	1.11	
WHT 47978	Soil				0.8	57.6	6.2	68	0.1	35.2	20.0	398	3.42	3.4	0.4	5.2	1.0	25	0.1	0.1	<0.1	115	0.55	
WHT 47979	Soil				0.7	55.9	5.1	46	<0.1	28.0	12.1	248	2.66	5.3	0.4	1.6	1.6	16	<0.1	0.1	<0.1	74	0.26	
WHT 47980	Soil				0.8	84.9	3.1	59	<0.1	62.7	23.8	568	3.55	2.7	0.2	0.8	0.5	19	<0.1	0.1	<0.1	116	0.35	
WHT 47981	Soil				0.8	45.2	5.0	52	<0.1	28.6	12.8	233	2.54	3.8	0.3	0.9	1.2	19	<0.1	0.1	<0.1	72	0.31	
WHT 47983	Soil				0.6	67.8	2.8	53	<0.1	41.2	14.7	260	2.69	2.0	0.2	1.3	0.6	14	<0.1	<0.1	<0.1	91	0.23	
WHT 47984	Soil				I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.		
WHT 47985	Soil				I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.		
WHT 47986	Soil				1.1	62.3	5.6	60	0.2	27.2	15.7	548	2.87	4.4	1.1	5.6	2.3	31	0.1	0.2	0.1	76	0.56	
WHT 47987	Soil				0.6	38.3	4.0	40	<0.1	22.3	9.1	201	2.04	4.1	0.3	0.9	1.1	25	0.1	0.2	0.1	55	0.50	
WHT 47988	Soil				0.6	59.0	4.4	42	<0.1	42.5	14.6	248	2.80	5.0	0.3	2.9	1.6	19	<0.1	0.3	<0.1	72	0.32	
WHT 47989	Soil				0.9	29.0	7.2	47	<0.1	27.3	10.6	294	2.93	10.6	0.5	4.2	2.8	19	0.1	0.4	0.1	69	0.18	
WHT 47991	Soil				0.6	72.3	5.1	45	0.3	34.5	11.9	231	2.33	3.1	0.3	7.4	0.9	17	0.1	0.2	<0.1	74	0.27	
WHT 44865	Soil				2.1	28.5	6.4	51	0.5	15.4	7.9	471	1.73	2.2	0.6	2.0	0.8	9	1.6	0.2	0.1	62	0.08	
WHT 44866	Soil				1.4	39.7	11.9	100	0.3	55.9	15.9	703	3.82	9.5	1.5	12.0	3.2	40	0.6	0.8	0.2	76	0.82	
WHT 44867	Soil				1.9	26.5	18.7	89	<0.1	25.2	11.5	575	3.63	5.2	1.5	4.4	6.2	20	0.1	0.5	0.2	59	0.38	
WHT 44868	Soil				1.0	24.4	10.7	89	<0.1	70.7	26.9	725	4.92	4.4	1.5	2.8	4.2	32	0.3	0.4	<0.1	112	0.56	
WHT 44869	Soil				2.1	31.4	11.2	118	0.3	32.7	15.1	1415	3.51	9.7	1.4	11.6	3.1	46	0.7	0.7	0.1	63	1.00	



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## CERTIFICATE OF ANALYSIS

VAN09003100.1

	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 44422	Soil	0.075	14	32	0.70	263	0.089	4	1.42	0.029	0.15	0.1	0.02	4.6	<0.1	<0.05	5	0.6
WHT 44093	Soil	0.038	7	18	0.36	130	0.111	3	1.48	0.009	0.19	0.1	0.03	3.4	0.2	<0.05	8	<0.5
WHT 44096	Soil	0.076	19	41	0.59	316	0.102	3	1.52	0.012	0.24	0.2	0.02	3.5	0.3	<0.05	6	1.0
WHT 44097	Soil	0.034	19	20	0.32	835	0.066	3	1.06	0.016	0.19	0.1	0.03	3.3	0.1	0.06	6	<0.5
WHT 44098	Soil	0.043	13	31	0.49	309	0.107	4	1.34	0.015	0.15	0.1	0.02	2.7	0.1	<0.05	5	<0.5
WHT 44099	Soil	0.084	20	17	0.53	512	0.100	2	1.49	0.022	0.60	0.2	0.02	4.1	0.3	<0.05	7	<0.5
WHT 44100	Soil	0.053	22	38	0.59	540	0.083	2	1.52	0.019	0.09	0.1	0.02	4.7	0.1	<0.05	5	0.7
WHT 44101	Soil	0.058	26	41	0.60	801	0.088	1	1.47	0.020	0.13	0.1	0.04	4.7	0.1	<0.05	5	0.7
WHT 44102	Soil	0.065	17	60	0.86	443	0.110	2	1.68	0.016	0.19	0.2	0.03	4.5	0.2	<0.05	6	<0.5
WHT 44103	Soil	0.082	25	68	0.95	731	0.122	3	1.74	0.018	0.37	0.2	0.04	6.4	0.2	<0.05	6	1.4
WHT 44104	Soil	0.083	14	67	0.93	571	0.122	2	1.58	0.018	0.29	0.2	0.03	4.3	0.2	0.07	5	1.1
WHT 47976	Soil	0.061	8	106	1.11	323	0.162	2	1.83	0.017	0.25	0.1	0.01	3.0	0.2	<0.05	6	<0.5
WHT 47977	Soil	0.196	15	115	1.32	921	0.066	4	2.19	0.013	0.42	<0.1	0.06	24.3	0.3	<0.05	7	0.7
WHT 47978	Soil	0.061	5	88	1.48	308	0.170	2	1.89	0.027	0.22	<0.1	0.02	6.2	0.2	<0.05	7	<0.5
WHT 47979	Soil	0.044	7	62	0.87	271	0.138	2	1.83	0.017	0.11	<0.1	0.02	2.8	<0.1	<0.05	5	<0.5
WHT 47980	Soil	0.080	3	155	1.89	396	0.171	2	2.26	0.019	0.59	<0.1	0.01	5.1	0.2	<0.05	7	<0.5
WHT 47981	Soil	0.058	6	71	0.94	303	0.167	2	1.55	0.018	0.23	<0.1	0.02	2.8	0.1	<0.05	6	<0.5
WHT 47983	Soil	0.036	3	111	1.40	364	0.190	1	1.83	0.019	0.52	<0.1	0.02	3.3	0.1	<0.05	6	<0.5
WHT 47984	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
WHT 47985	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
WHT 47986	Soil	0.072	11	62	0.84	370	0.094	<1	1.50	0.022	0.10	0.2	0.03	4.7	<0.1	<0.05	5	<0.5
WHT 47987	Soil	0.031	6	51	0.73	317	0.093	1	1.30	0.026	0.06	<0.1	0.03	2.6	0.1	<0.05	5	<0.5
WHT 47988	Soil	0.046	6	100	1.12	221	0.138	1	1.94	0.016	0.13	<0.1	0.03	3.2	<0.1	<0.05	5	<0.5
WHT 47989	Soil	0.017	9	51	0.68	239	0.111	2	1.94	0.013	0.07	0.1	0.02	3.1	0.1	<0.05	5	<0.5
WHT 47991	Soil	0.039	5	83	0.94	239	0.131	2	1.62	0.019	0.12	0.1	0.02	3.7	<0.1	<0.05	6	<0.5
WHT 44865	Soil	0.038	6	24	0.28	184	0.067	<1	0.78	0.014	0.10	<0.1	0.04	1.8	0.1	<0.05	6	<0.5
WHT 44866	Soil	0.088	20	57	0.59	575	0.038	3	1.53	0.016	0.16	<0.1	0.05	8.0	0.2	<0.05	5	1.0
WHT 44867	Soil	0.069	11	41	0.85	433	0.103	3	1.92	0.011	0.53	<0.1	0.01	5.6	0.3	<0.05	7	0.5
WHT 44868	Soil	0.057	13	144	2.11	643	0.155	2	3.43	0.013	0.66	<0.1	0.02	9.3	0.3	<0.05	9	<0.5
WHT 44869	Soil	0.116	21	33	0.45	767	0.033	5	1.22	0.011	0.19	0.1	0.07	7.6	0.3	0.06	5	1.1



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## 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	
			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 44870	Soil		1.3	18.2	12.6	109	<0.1	18.4	13.2	807	3.29	3.6	1.6	4.0	6.9	60	0.1	0.2	0.1	63	0.97	
WHT 44871	Soil		3.3	53.9	31.8	149	0.8	67.4	21.6	1421	5.32	12.1	1.8	26.5	4.7	43	0.9	1.0	0.3	98	1.05	
WHT 44872	Soil		2.8	36.3	9.5	133	0.2	42.1	13.4	439	3.64	5.5	1.0	6.8	3.2	27	0.3	0.3	0.2	98	0.31	
WHT 44873	Soil		1.3	26.5	8.1	102	0.2	28.0	13.2	587	3.27	7.6	1.1	7.6	2.7	56	0.3	0.4	0.1	65	1.07	
WHT 44874	Soil		2.3	61.1	7.6	150	0.4	56.5	15.3	533	3.81	6.0	2.1	30.2	7.9	96	0.7	0.4	0.1	109	1.87	
WHT 44875	Soil		0.9	28.1	5.9	94	0.2	38.8	14.1	597	3.39	5.6	1.1	9.4	5.9	61	0.4	0.3	<0.1	77	0.90	
WHT 44876	Soil		1.6	75.1	5.4	130	0.2	58.9	17.3	782	4.44	3.2	1.1	23.9	5.2	28	0.2	0.2	<0.1	132	0.40	
WHT 44877	Soil		1.4	49.9	5.0	114	0.3	34.7	12.3	311	3.51	6.0	0.9	24.6	4.3	30	<0.1	0.3	<0.1	69	0.29	
WHT 44878	Soil		1.0	28.3	12.4	67	0.7	22.4	10.2	427	2.89	6.2	0.5	118.2	2.3	29	0.2	0.4	0.1	57	0.37	
WHT 47801	Soil		3.7	61.2	13.6	230	0.3	69.2	15.0	467	3.92	37.9	1.2	5.4	2.9	33	2.1	12.7	0.5	54	0.22	
WHT 47802	Soil		3.4	57.6	11.2	184	0.3	48.2	17.6	1028	3.58	86.1	1.4	11.1	2.3	30	1.6	5.0	0.4	52	0.20	
WHT 47803	Soil		3.3	82.1	13.8	155	0.3	54.5	16.5	1290	4.17	41.8	2.5	13.7	4.3	31	0.5	12.6	0.3	47	0.16	
WHT 47804	Soil		3.4	57.1	14.2	113	0.2	47.4	15.7	1339	4.09	44.6	1.6	7.6	6.2	35	0.8	7.2	0.2	32	0.24	
WHT 47805	Soil		2.2	45.2	12.2	109	0.1	48.1	15.8	650	4.10	32.8	1.2	4.1	4.8	24	0.3	3.3	0.2	60	0.26	
WHT 47806	Soil		1.8	49.5	11.6	101	0.5	42.8	15.2	1052	3.42	17.9	1.6	6.2	2.3	45	0.7	1.6	0.2	67	0.67	
WHT 47807	Soil		2.7	61.6	11.8	93	0.2	36.5	15.0	762	3.82	84.1	1.4	17.6	9.1	41	0.3	5.4	0.2	38	0.34	
WHT 47808	Soil		1.9	48.9	9.8	88	<0.1	35.8	15.1	958	3.94	6.3	1.6	5.3	8.4	29	0.2	0.5	0.2	58	0.30	
WHT 47809	Soil		1.7	78.6	10.8	83	0.1	28.3	8.5	557	3.14	1.9	1.9	6.8	7.3	50	<0.1	0.5	0.2	46	0.29	
WHT 47810	Soil		4.7	92.1	10.8	278	1.2	103.3	19.1	344	5.77	58.8	2.4	10.7	3.9	287	1.3	5.4	0.2	62	0.54	
WHT 47811	Soil		4.5	81.8	15.7	178	0.3	68.3	19.8	1391	4.55	61.5	1.6	10.6	5.9	28	1.0	3.2	0.3	77	0.47	
WHT 47812	Soil		2.5	58.0	13.5	171	0.4	72.8	18.1	756	4.61	8.7	1.3	18.7	5.7	17	0.4	1.0	0.2	78	0.24	
WHT 47813	Soil		2.6	67.5	12.4	140	0.4	84.2	18.0	1480	4.27	11.0	1.9	6.2	7.1	25	0.4	1.5	0.3	52	0.51	
WHT 47814	Soil		1.2	32.8	14.8	109	<0.1	15.5	7.2	411	3.38	2.5	2.1	7.0	11.6	23	0.1	0.7	<0.1	19	0.34	
WHT 47822	Soil		1.5	25.8	9.5	62	0.1	34.2	14.0	257	2.99	7.1	0.9	2.4	3.9	24	0.5	0.4	0.3	74	0.31	
WHT 47823	Soil		4.7	74.9	14.0	285	0.3	96.3	28.3	1657	5.36	13.5	1.7	2.8	3.9	25	1.5	1.0	0.2	140	0.33	
WHT 47953	Soil		0.7	16.2	4.4	104	<0.1	15.9	10.9	454	4.02	7.7	0.4	2.8	2.4	19	<0.1	0.3	<0.1	64	0.42	
WHT 47970	Soil		2.1	59.3	13.4	88	0.3	45.4	15.7	834	3.94	37.1	1.4	27.6	8.0	26	0.2	1.1	0.2	34	0.23	
WHT 43571	Soil		1.9	44.8	16.9	80	0.3	35.2	6.4	299	2.81	18.7	0.9	19.5	3.9	29	0.3	4.6	0.2	57	0.20	
WHT 43574	Soil		1.3	12.4	23.4	87	<0.1	13.4	6.7	381	2.95	12.2	1.6	9.2	6.8	19	0.1	34.7	0.2	34	0.24	
WHT 43575	Soil		1.2	27.9	15.3	47	0.2	12.0	4.4	186	2.12	3.4	1.0	21.7	2.2	31	0.3	0.9	0.2	37	0.28	



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Project: WHT  
Report Date: July 29, 2009

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## CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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 44870	Soil	0.051	15	43	0.88	362	0.122	3	1.71	0.014	0.43	0.1	0.03	4.2	0.3	<0.05	7	1.0
WHT 44871	Soil	0.143	27	76	0.81	560	0.047	4	1.71	0.009	0.22	0.1	0.06	10.3	0.2	<0.05	6	2.7
WHT 44872	Soil	0.083	15	61	0.97	244	0.133	<1	1.64	0.018	0.33	0.1	0.01	3.6	0.3	0.06	7	0.7
WHT 44873	Soil	0.097	12	39	0.76	479	0.088	3	1.48	0.020	0.20	0.1	0.04	5.3	0.2	<0.05	5	1.0
WHT 44874	Soil	0.144	35	78	1.41	718	0.173	1	2.09	0.014	1.09	0.1	0.02	5.2	0.4	0.14	7	2.5
WHT 44875	Soil	0.053	20	60	1.26	363	0.171	3	2.04	0.015	0.73	0.2	0.02	4.8	0.4	<0.05	7	1.0
WHT 44876	Soil	0.122	19	102	1.76	1009	0.212	<1	2.58	0.010	1.37	0.2	0.02	5.9	0.5	<0.05	8	0.8
WHT 44877	Soil	0.091	14	41	0.91	768	0.157	1	1.90	0.010	0.83	<0.1	0.01	6.0	0.3	<0.05	6	0.9
WHT 44878	Soil	0.041	6	27	0.53	1022	0.109	1	1.62	0.014	0.39	0.2	0.01	4.0	0.1	<0.05	5	<0.5
WHT 47801	Soil	0.060	11	29	0.29	677	0.022	3	0.90	0.011	0.11	0.2	0.05	4.1	0.2	<0.05	3	1.7
WHT 47802	Soil	0.069	13	26	0.28	1152	0.020	4	1.00	0.011	0.10	0.2	0.05	3.4	0.3	<0.05	4	1.2
WHT 47803	Soil	0.061	13	24	0.32	490	0.022	2	0.95	0.012	0.15	0.1	0.04	4.0	0.4	0.10	3	1.9
WHT 47804	Soil	0.046	23	20	0.22	454	0.009	3	0.67	0.010	0.10	0.2	0.04	4.0	0.2	<0.05	2	1.1
WHT 47805	Soil	0.073	17	41	0.41	375	0.044	2	1.17	0.012	0.16	0.1	0.02	4.6	0.2	<0.05	4	1.2
WHT 47806	Soil	0.079	21	39	0.50	632	0.040	2	1.36	0.015	0.12	0.1	0.08	5.2	0.2	<0.05	5	1.1
WHT 47807	Soil	0.077	36	33	0.90	378	0.079	3	1.68	0.011	0.30	0.1	0.04	4.0	0.4	<0.05	5	1.1
WHT 47808	Soil	0.044	37	39	0.73	344	0.117	3	1.71	0.021	0.50	<0.1	0.03	6.1	0.3	<0.05	5	0.7
WHT 47809	Soil	0.076	25	31	1.15	262	0.117	1	1.60	0.020	0.73	<0.1	0.02	3.6	0.5	0.16	6	1.3
WHT 47810	Soil	0.273	23	46	0.26	810	0.007	12	1.00	0.011	0.25	0.3	0.15	5.1	0.4	0.16	3	4.0
WHT 47811	Soil	0.120	19	43	0.45	687	0.038	6	1.27	0.013	0.36	0.2	0.06	6.6	0.3	<0.05	4	2.1
WHT 47812	Soil	0.055	14	56	0.43	280	0.038	2	1.22	0.009	0.19	0.1	0.03	8.6	0.1	<0.05	4	1.9
WHT 47813	Soil	0.136	21	41	0.15	721	0.005	3	0.68	0.006	0.13	<0.1	0.08	10.4	0.2	<0.05	3	0.9
WHT 47814	Soil	0.059	59	7	0.18	884	0.007	2	1.04	0.007	0.20	<0.1	0.08	7.2	0.2	<0.05	6	0.8
WHT 47822	Soil	0.063	14	58	0.78	358	0.106	4	2.00	0.015	0.14	0.2	0.02	3.9	0.2	<0.05	6	0.6
WHT 47823	Soil	0.157	17	99	1.17	894	0.069	3	2.52	0.012	0.18	0.2	0.02	6.2	0.3	<0.05	8	1.4
WHT 47953	Soil	0.146	6	35	1.11	525	0.205	2	2.34	0.014	1.12	0.1	<0.01	4.7	0.3	<0.05	7	<0.5
WHT 47970	Soil	0.077	23	25	0.55	172	0.051	4	1.17	0.009	0.23	<0.1	0.04	3.8	0.3	<0.05	4	0.9
WHT 43571	Soil	0.038	12	32	0.42	380	0.058	2	1.15	0.011	0.15	0.1	0.02	4.4	0.1	<0.05	4	1.1
WHT 43574	Soil	0.035	15	19	0.27	367	0.034	3	1.02	0.009	0.15	0.1	0.02	7.6	0.2	<0.05	3	<0.5
WHT 43575	Soil	0.046	10	16	0.19	603	0.011	5	0.88	0.009	0.21	<0.1	0.03	7.6	0.2	0.08	3	0.9



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Project: WHT  
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## 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 43576	Soil		1.9	25.8	9.5	60	0.3	22.6	9.8	327	2.47	11.2	0.8	1.8	2.8	28	0.2	1.3	0.2	55	0.33
WHT 43577	Soil		1.3	27.4	9.3	64	0.2	26.8	11.3	377	2.68	29.9	0.8	1.9	3.6	32	0.2	1.0	0.2	58	0.44
WHT 43578	Soil		1.0	42.6	8.4	71	0.3	39.9	10.3	313	2.83	16.5	0.8	8.0	4.3	30	0.2	0.8	0.1	64	0.39
WHT 43579	Soil		2.2	68.1	9.3	178	1.0	65.9	17.7	722	3.45	5.8	1.0	0.8	3.9	35	1.1	0.6	0.2	69	0.46
WHT 43753	Soil		3.3	30.9	17.2	67	0.3	29.2	10.7	253	2.47	7.4	1.0	12.3	3.5	22	0.2	1.5	0.2	57	0.25
WHT 43754	Soil		2.2	48.7	8.7	131	<0.1	40.0	12.1	486	4.22	2.5	1.1	13.8	3.9	21	0.3	0.2	0.1	94	0.44
WHT 43755	Soil		1.9	29.5	12.9	45	0.3	12.3	3.7	123	2.61	24.3	1.5	14.3	2.5	37	0.2	2.1	0.2	49	0.10
WHT 43907	Soil		2.4	46.1	6.6	157	0.4	55.8	11.1	327	3.35	6.5	1.4	1.3	3.6	32	0.3	0.4	0.1	86	0.32
WHT 43908	Soil		2.2	60.0	7.4	123	0.2	59.3	18.9	504	4.08	6.6	1.4	1.1	4.8	27	0.3	0.7	0.1	95	0.43
WHT 43909	Soil		6.2	24.9	9.9	122	0.7	23.1	3.3	121	3.40	4.7	1.9	2.6	3.9	22	<0.1	0.8	0.3	45	0.14
WHT 43910	Soil		4.5	87.0	8.9	152	0.7	27.9	8.0	513	4.16	2.9	3.1	2.2	5.6	39	0.3	0.2	0.2	117	0.29
WHT 43911	Soil		4.1	100.7	7.0	142	0.6	37.7	7.5	408	4.55	4.4	3.0	2.4	4.7	31	0.9	0.4	0.2	122	0.36
WHT 43912	Soil		1.6	26.1	8.8	84	0.1	23.9	11.1	515	3.03	6.2	0.9	0.7	3.0	32	0.2	0.5	0.2	56	0.41
WHT 43913	Soil		1.8	46.3	9.5	116	0.3	29.1	11.6	363	3.57	6.4	1.2	3.5	4.0	35	0.3	0.5	0.2	79	0.36
WHT 43914	Soil		4.4	147.0	8.8	120	0.3	23.1	5.8	264	3.68	3.8	2.9	0.6	5.0	51	0.7	0.5	0.2	72	0.45
WHT 43915	Soil		3.9	59.4	8.1	81	0.4	36.2	10.3	601	2.59	9.0	2.1	9.4	1.5	63	0.6	1.4	0.1	48	1.08
WHT 43916	Soil		3.1	84.5	9.7	192	0.3	64.7	16.1	620	4.23	12.9	1.8	6.8	5.6	41	0.8	0.9	0.3	89	0.61
WHT 43918	Soil		2.2	53.6	9.4	95	0.2	39.3	12.5	401	3.03	17.2	1.2	6.4	3.9	38	0.4	1.0	0.2	59	0.49
WHT 43919	Soil		3.7	126.0	10.5	93	0.8	51.8	10.7	753	2.38	18.6	6.4	12.2	1.2	83	1.0	1.8	0.1	42	1.55
WHT 43964	Soil		1.0	30.6	13.2	76	0.6	25.4	10.4	390	2.92	6.5	0.5	103.4	2.3	28	0.2	0.5	0.1	60	0.34
WHT 43965	Soil		0.8	32.6	5.7	54	<0.1	22.3	11.4	310	2.59	6.9	0.5	1.7	1.6	31	0.1	0.4	0.1	70	0.55
WHT 44048	Soil		2.0	36.8	6.0	102	0.2	29.8	13.5	440	3.34	5.9	0.9	7.2	2.4	26	0.2	0.3	0.1	54	0.26
WHT 44049	Soil		1.2	24.9	8.0	68	0.1	16.7	8.2	306	2.61	5.1	0.7	3.9	2.4	17	0.2	0.2	0.1	48	0.13
WHT 44050	Soil		1.0	24.5	7.7	85	<0.1	22.0	12.1	506	2.88	6.6	0.7	5.3	2.7	28	0.1	0.3	0.1	59	0.37
WHT 44051	Soil		1.1	25.8	8.8	77	0.1	20.5	11.2	498	3.06	7.4	1.3	7.1	3.6	30	0.2	0.4	0.1	55	0.38
WHT 44052	Soil		0.9	23.5	9.2	78	0.1	20.5	9.8	361	2.80	7.7	1.1	4.1	3.4	32	0.1	0.4	0.1	53	0.46
WHT 44053	Soil		0.9	27.9	8.3	77	0.2	20.3	9.1	350	2.93	7.1	1.1	8.2	3.6	36	0.2	0.4	0.1	56	0.50
WHT 44054	Soil		1.0	22.3	7.7	67	<0.1	16.9	9.3	357	2.77	7.0	0.9	5.5	3.8	32	0.1	0.4	0.1	54	0.40
WHT 44055	Soil		1.0	20.8	8.9	64	0.1	17.7	8.8	358	2.73	7.8	1.0	10.9	4.0	29	0.1	0.4	0.1	54	0.37
WHT 44056	Soil		1.4	38.1	9.0	66	0.3	26.0	9.4	986	2.94	25.0	2.5	39.8	2.3	66	0.4	0.8	0.1	49	1.36





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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 43576	Soil	0.053	9	32	0.41	684	0.053	3	1.36	0.012	0.12	0.1	0.02	4.5	<0.1	<0.05	4	<0.5
WHT 43577	Soil	0.065	13	34	0.45	398	0.062	5	1.52	0.016	0.19	0.1	0.05	5.7	0.1	<0.05	4	0.7
WHT 43578	Soil	0.059	16	41	0.56	473	0.083	3	1.61	0.017	0.14	0.1	0.05	6.0	0.1	<0.05	4	<0.5
WHT 43579	Soil	0.079	17	45	0.65	575	0.092	4	1.72	0.018	0.43	0.1	0.06	5.5	0.2	<0.05	5	0.7
WHT 43753	Soil	0.058	12	47	0.46	469	0.050	2	1.52	0.011	0.07	0.1	0.02	3.7	0.2	<0.05	5	0.7
WHT 43754	Soil	0.147	16	65	1.35	955	0.196	2	2.50	0.009	1.03	0.1	0.01	5.0	0.4	<0.05	8	1.0
WHT 43755	Soil	0.048	9	27	0.23	446	0.014	3	0.89	0.011	0.15	0.1	0.04	3.8	0.2	0.22	3	1.2
WHT 43907	Soil	0.085	15	79	0.93	530	0.108	<1	1.74	0.013	0.32	0.1	0.02	3.6	0.2	0.15	6	1.1
WHT 43908	Soil	0.123	18	63	1.01	858	0.129	1	2.04	0.010	0.55	<0.1	<0.01	5.0	0.3	<0.05	6	0.9
WHT 43909	Soil	0.057	11	22	0.27	289	0.026	<1	0.60	0.015	0.21	<0.1	0.02	3.6	0.4	0.29	2	3.6
WHT 43910	Soil	0.154	19	78	1.47	1157	0.185	1	2.21	0.021	1.38	<0.1	0.01	4.9	0.5	0.34	8	2.7
WHT 43911	Soil	0.155	21	85	1.26	1306	0.167	<1	2.06	0.024	1.04	0.1	0.02	5.4	0.4	0.23	7	3.2
WHT 43912	Soil	0.056	10	32	0.41	489	0.043	2	1.61	0.014	0.11	0.1	0.01	4.5	0.1	<0.05	4	0.9
WHT 43913	Soil	0.065	15	46	0.75	700	0.107	<1	1.93	0.019	0.45	0.1	0.02	5.8	0.2	0.10	6	1.3
WHT 43914	Soil	0.190	22	50	0.64	895	0.083	4	1.51	0.031	0.71	0.1	0.03	4.5	0.9	0.31	5	3.7
WHT 43915	Soil	0.111	13	34	0.49	761	0.053	3	1.12	0.026	0.22	0.2	0.06	3.6	0.2	0.08	4	2.1
WHT 43916	Soil	0.127	24	45	0.76	720	0.065	1	1.54	0.013	0.18	<0.1	0.05	7.6	0.2	<0.05	5	2.0
WHT 43918	Soil	0.044	16	33	0.48	357	0.065	2	1.45	0.019	0.14	0.2	0.06	5.7	<0.1	<0.05	4	1.0
WHT 43919	Soil	0.102	12	29	0.44	677	0.040	5	1.08	0.023	0.17	0.2	0.15	3.1	0.1	0.10	3	4.2
WHT 43964	Soil	0.036	7	29	0.58	1075	0.122	<1	1.72	0.015	0.43	0.2	0.02	4.1	0.1	<0.05	6	<0.5
WHT 43965	Soil	0.048	8	48	0.73	225	0.095	1	1.27	0.024	0.08	0.1	0.03	3.5	<0.1	<0.05	5	0.6
WHT 44048	Soil	0.075	13	24	0.49	382	0.126	<1	1.44	0.015	0.25	0.1	0.04	2.9	0.2	<0.05	6	1.3
WHT 44049	Soil	0.058	10	21	0.38	272	0.095	<1	1.55	0.013	0.16	0.1	0.03	2.6	0.1	<0.05	7	0.5
WHT 44050	Soil	0.057	13	31	0.53	620	0.123	<1	1.58	0.016	0.20	0.2	0.03	3.5	0.1	<0.05	6	<0.5
WHT 44051	Soil	0.056	21	29	0.50	973	0.097	<1	1.70	0.016	0.14	0.2	0.04	4.7	<0.1	<0.05	6	0.8
WHT 44052	Soil	0.064	14	30	0.52	774	0.102	<1	1.60	0.017	0.14	0.2	0.04	3.9	0.1	<0.05	6	0.5
WHT 44053	Soil	0.073	16	30	0.52	956	0.113	<1	1.65	0.018	0.16	0.2	0.03	4.1	0.1	<0.05	6	0.8
WHT 44054	Soil	0.054	15	29	0.50	676	0.100	<1	1.53	0.017	0.12	0.2	0.02	3.9	0.1	<0.05	6	<0.5
WHT 44055	Soil	0.048	19	29	0.45	903	0.089	<1	1.50	0.018	0.09	0.2	0.03	4.0	<0.1	<0.05	5	0.6
WHT 44056	Soil	0.069	32	27	0.40	1399	0.053	1	1.46	0.022	0.08	0.2	0.10	7.1	<0.1	<0.05	4	1.2



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Project: WHT  
Report Date: July 29, 2009

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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 44057	Soil		1.2	33.0	7.7	63	0.3	28.9	10.0	535	2.89	10.9	2.1	12.6	3.2	59	0.3	0.6	0.1	55	0.88
WHT 44058	Soil		0.7	17.1	4.8	56	0.1	17.1	16.2	615	2.46	9.2	1.7	7.2	1.7	47	0.1	0.2	<0.1	68	1.09
WHT 44059	Soil		1.1	15.9	7.2	78	0.1	27.2	15.0	404	3.93	31.2	0.6	25.8	3.1	20	<0.1	0.6	<0.1	83	0.37
WHT 44060	Soil		6.2	30.4	9.1	111	0.7	54.3	18.8	1573	5.49	115.2	1.5	142.1	6.9	28	0.3	2.8	0.1	70	0.54
WHT 44061	Soil		1.3	26.4	6.9	73	<0.1	32.5	12.7	349	3.46	15.6	0.5	8.3	3.2	20	0.2	0.6	0.1	77	0.24
WHT 44062	Soil		0.9	27.6	7.5	71	0.1	23.9	9.0	311	2.90	11.6	0.9	6.0	3.6	24	0.1	0.4	0.1	60	0.37
WHT 48101	Soil		0.9	49.1	7.9	108	<0.1	49.5	17.7	542	4.44	4.3	1.7	3.5	11.4	24	<0.1	0.1	0.2	74	0.39
WHT 48102	Soil		1.0	29.8	8.0	65	<0.1	29.4	11.4	327	3.09	9.1	1.3	11.8	7.0	26	<0.1	0.4	0.1	60	0.33
WHT 48103	Soil		1.2	37.3	8.8	65	0.2	27.9	11.9	520	3.08	8.0	3.1	8.9	9.6	34	0.2	0.3	0.2	58	0.43
WHT 48104	Soil		1.1	27.3	7.6	60	<0.1	22.7	9.2	303	2.82	6.8	1.5	2.6	6.1	28	<0.1	0.3	0.2	57	0.38
WHT 48105	Soil		0.3	60.0	1.4	53	<0.1	86.3	21.8	377	3.22	1.4	0.6	1.5	1.7	31	<0.1	<0.1	<0.1	94	0.46
WHT 48106	Soil		0.7	77.5	4.3	56	<0.1	23.4	11.5	298	2.77	5.4	1.3	4.9	4.2	29	<0.1	0.2	<0.1	68	0.44
WHT 48107	Soil		0.7	82.0	6.2	83	0.2	59.7	23.6	697	4.81	9.1	0.6	28.9	1.9	27	0.2	1.0	0.1	106	0.58
WHT 48108	Soil		0.5	73.8	7.3	62	0.2	42.5	17.5	681	3.44	7.6	0.6	38.9	2.3	30	0.2	0.7	0.1	79	0.58
WHT 48109	Soil		0.5	79.9	6.9	70	0.1	67.2	18.8	609	3.43	6.5	0.4	12.1	2.1	27	0.1	0.6	0.1	85	0.57
WHT 48110	Soil		0.5	76.4	7.3	61	0.1	38.8	14.6	462	2.97	8.1	0.5	6.5	2.8	31	<0.1	0.6	0.1	74	0.58
WHT 48111	Soil		0.6	86.2	5.7	61	0.1	37.1	16.2	373	3.29	5.4	0.5	6.0	2.2	27	<0.1	0.4	0.1	84	0.45
WHT 48112	Soil		0.3	93.9	3.2	36	<0.1	47.8	14.9	296	2.37	3.6	0.5	4.7	1.6	23	<0.1	0.3	<0.1	69	0.42
WHT 48113	Soil		0.7	51.7	6.7	65	0.1	29.4	13.0	447	2.93	9.2	0.5	10.4	3.1	40	0.2	0.7	0.1	68	0.81
WHT 48114	Soil		1.1	60.7	4.9	103	<0.1	82.5	18.6	608	3.89	4.5	1.0	1.0	6.3	27	0.1	0.4	<0.1	92	0.44
WHT 48115	Soil		1.1	73.8	9.7	182	<0.1	61.9	15.6	713	4.31	28.5	1.1	0.7	4.8	23	0.4	1.3	<0.1	166	0.42
WHT 48117	Soil		0.7	21.3	7.2	66	<0.1	24.8	10.4	369	2.92	9.1	0.8	3.6	6.3	25	0.1	0.5	0.1	59	0.28
WHT 47668	Soil		0.7	68.3	13.7	50	<0.1	33.6	15.0	271	3.19	6.3	0.4	1.8	1.9	20	0.1	0.3	0.1	91	0.28
WHT 47669	Soil		0.7	81.8	8.1	48	<0.1	36.5	14.7	256	3.03	5.7	0.3	2.3	1.7	14	<0.1	0.3	0.1	82	0.21
WHT 47670	Soil		0.8	71.1	5.2	49	0.1	42.4	17.2	337	2.87	3.7	0.4	1.1	1.1	21	0.1	0.2	0.1	87	0.38
WHT 47671	Soil		0.8	70.5	4.6	64	0.1	49.3	19.9	466	3.06	3.2	0.4	2.7	1.1	28	0.1	0.2	<0.1	88	0.54
WHT 47672	Soil		1.2	59.9	5.3	63	0.1	40.8	24.5	785	2.96	3.9	0.4	5.6	1.0	23	<0.1	0.2	<0.1	95	0.39
WHT 47673	Soil		0.4	61.1	4.4	59	<0.1	25.8	15.7	493	2.86	3.2	0.7	4.5	1.7	26	0.1	0.3	<0.1	81	0.61
WHT 47674	Soil		1.0	44.7	9.5	67	0.2	25.5	13.9	396	3.31	4.1	1.2	10.2	8.3	24	<0.1	0.4	0.2	79	0.41
WHT 47675	Soil		0.6	79.2	4.9	71	0.1	31.1	18.7	569	3.27	3.5	0.5	4.8	1.9	25	0.2	0.5	<0.1	84	0.42



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## CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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 44057	Soil	0.052	28	31	0.48	977	0.072	<1	1.47	0.023	0.17	0.1	0.06	5.3	<0.1	<0.05	5	1.7
WHT 44058	Soil	0.051	11	89	0.75	530	0.098	<1	1.30	0.022	0.19	0.1	0.05	4.0	0.2	0.05	5	0.8
WHT 44059	Soil	0.052	11	73	0.90	342	0.068	<1	2.11	0.011	0.12	<0.1	0.03	4.9	0.2	<0.05	7	0.5
WHT 44060	Soil	0.105	49	72	0.68	813	0.056	<1	1.65	0.013	0.22	<0.1	0.12	19.5	0.2	<0.05	5	1.4
WHT 44061	Soil	0.040	10	53	0.81	345	0.091	<1	2.27	0.012	0.10	0.1	0.02	4.0	0.1	<0.05	6	0.6
WHT 44062	Soil	0.056	16	37	0.57	542	0.098	<1	1.64	0.014	0.14	0.1	0.03	4.6	0.1	<0.05	6	0.7
WHT 48101	Soil	0.096	28	68	1.42	513	0.243	<1	2.55	0.012	1.15	0.1	0.01	4.7	0.6	<0.05	9	0.9
WHT 48102	Soil	0.062	22	44	0.77	496	0.134	<1	1.75	0.013	0.24	0.1	0.02	3.4	0.2	<0.05	6	0.6
WHT 48103	Soil	0.057	51	41	0.71	634	0.128	<1	1.66	0.015	0.27	0.2	0.03	3.9	0.2	<0.05	6	0.8
WHT 48104	Soil	0.053	25	42	0.69	448	0.125	<1	1.53	0.018	0.22	0.1	0.02	3.1	0.2	<0.05	6	<0.5
WHT 48105	Soil	0.053	18	203	2.01	482	0.207	<1	2.28	0.018	0.94	<0.1	0.02	2.9	0.4	<0.05	6	<0.5
WHT 48106	Soil	0.057	24	48	0.90	437	0.151	<1	1.49	0.020	0.35	0.1	<0.01	3.3	0.1	<0.05	5	<0.5
WHT 48107	Soil	0.059	8	79	0.73	869	0.052	3	1.36	0.014	0.22	0.1	0.09	13.4	0.2	<0.05	5	<0.5
WHT 48108	Soil	0.042	9	73	0.95	505	0.091	2	1.82	0.023	0.10	0.1	0.04	8.9	<0.1	<0.05	6	<0.5
WHT 48109	Soil	0.049	8	133	1.57	746	0.139	1	2.19	0.024	0.30	0.1	0.03	7.4	0.1	<0.05	7	<0.5
WHT 48110	Soil	0.053	11	72	1.02	557	0.117	1	1.94	0.031	0.13	0.1	0.04	6.2	<0.1	<0.05	6	<0.5
WHT 48111	Soil	0.039	7	69	1.18	315	0.153	<1	2.29	0.036	0.13	<0.1	0.02	4.7	0.1	<0.05	7	0.6
WHT 48112	Soil	0.023	8	144	1.43	264	0.121	<1	1.77	0.018	0.08	<0.1	0.02	5.2	<0.1	<0.05	5	<0.5
WHT 48113	Soil	0.086	12	39	0.75	554	0.077	2	1.41	0.030	0.13	0.2	0.05	5.5	<0.1	<0.05	5	<0.5
WHT 48114	Soil	0.117	15	94	1.63	914	0.209	<1	2.49	0.010	1.11	0.2	0.01	3.1	0.5	<0.05	7	0.6
WHT 48115	Soil	0.145	17	132	1.76	1028	0.204	<1	2.60	0.010	1.16	0.3	0.01	6.0	0.5	<0.05	10	0.7
WHT 48117	Soil	0.038	16	37	0.61	371	0.107	1	1.70	0.015	0.24	0.1	0.02	5.2	0.2	<0.05	6	<0.5
WHT 47668	Soil	0.026	8	80	1.06	237	0.135	1	1.99	0.016	0.09	<0.1	0.01	4.1	0.1	<0.05	7	<0.5
WHT 47669	Soil	0.028	6	85	1.02	153	0.139	1	2.04	0.018	0.10	0.1	0.01	3.2	0.1	<0.05	6	<0.5
WHT 47670	Soil	0.032	5	113	1.16	363	0.142	2	1.87	0.019	0.09	0.1	0.01	3.7	0.1	<0.05	7	<0.5
WHT 47671	Soil	0.060	5	126	1.50	329	0.142	1	1.91	0.023	0.19	0.1	0.02	4.3	0.2	<0.05	6	0.6
WHT 47672	Soil	0.066	5	104	1.24	248	0.126	<1	1.64	0.022	0.17	0.1	0.02	4.1	0.1	<0.05	6	<0.5
WHT 47673	Soil	0.075	7	55	0.89	373	0.091	1	1.49	0.026	0.12	0.2	0.03	6.1	<0.1	<0.05	5	<0.5
WHT 47674	Soil	0.059	26	59	0.86	601	0.113	1	1.80	0.017	0.15	0.2	0.03	4.2	0.2	<0.05	7	<0.5
WHT 47675	Soil	0.065	10	46	0.93	614	0.067	2	1.75	0.018	0.14	0.1	0.02	6.6	<0.1	<0.05	6	<0.5



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

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## 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	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
WHT 47676	Soil		0.8	98.7	7.4	76	0.1	56.4	26.8	713	5.39	6.0	0.8	9.9	2.4	25	<0.1	0.7	0.1	127	0.47
WHT 47677	Soil		0.5	82.1	4.5	56	0.2	72.9	25.9	433	4.67	3.8	0.3	5.2	0.9	21	0.1	0.2	<0.1	148	0.43
WHT 47678	Soil		1.5	71.5	17.2	69	<0.1	34.5	17.6	452	4.60	6.4	0.7	7.9	3.6	17	0.1	0.5	0.2	115	0.26
WHT 47679	Soil		0.7	81.4	13.6	66	0.3	31.2	18.3	968	3.28	3.3	2.0	14.4	3.6	49	0.3	0.3	0.2	90	0.99
WHT 47680	Soil		2.0	29.6	13.7	89	0.3	72.9	20.6	1192	3.17	10.6	4.4	14.2	10.7	42	0.5	0.7	0.2	65	0.79
WHT 47681	Soil		2.4	15.7	25.7	53	0.6	8.8	9.1	608	3.47	8.0	4.5	44.8	13.2	34	<0.1	0.6	0.3	37	0.45
WHT 47682	Soil		1.4	15.1	19.3	57	0.8	11.1	11.9	1322	2.75	4.1	6.6	71.7	8.3	47	0.2	0.3	0.2	38	0.88
WHT 44256	Soil		1.2	34.3	5.7	145	<0.1	23.0	11.8	574	4.21	12.9	1.6	<0.5	4.6	25	0.2	0.8	<0.1	52	0.42
WHT 44257	Soil		1.1	27.8	7.1	98	0.1	23.4	9.0	393	3.10	6.1	0.9	<0.5	4.8	19	0.1	0.4	<0.1	44	0.24
WHT 44258	Soil		2.0	27.5	11.5	67	0.2	32.2	11.3	390	3.15	13.1	0.8	12.2	3.8	30	0.2	1.4	0.1	70	0.51
WHT 44259	Soil		1.4	21.5	13.2	59	<0.1	19.3	9.0	385	2.84	9.2	1.0	5.5	8.7	28	0.1	0.6	0.2	54	0.39
WHT 44260	Soil		2.4	19.5	32.6	77	<0.1	18.5	9.6	512	3.35	7.3	1.2	6.3	11.4	27	0.1	0.5	0.3	63	0.36
WHT 44261	Soil		1.0	23.2	11.5	66	0.1	22.9	11.8	499	3.22	8.5	0.7	2.9	6.6	39	<0.1	0.6	0.2	72	0.52
WHT 44262	Soil		1.1	23.3	10.1	78	<0.1	22.6	11.1	512	3.31	8.3	0.7	1.4	5.3	31	0.1	0.5	0.1	60	0.44
WHT 44263	Soil		1.2	21.3	9.2	55	<0.1	23.4	10.8	457	2.91	9.2	0.5	2.7	4.3	33	0.1	0.6	0.1	61	0.49



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

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## CERTIFICATE OF ANALYSIS

VAN09003100.1

	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 47676	Soil	0.029	12	89	0.80	975	0.021	3	1.80	0.016	0.10	0.2	0.03	16.6	<0.1	<0.05	6	0.7
WHT 47677	Soil	0.041	4	188	2.28	271	0.157	1	2.85	0.018	0.11	<0.1	0.01	7.3	0.1	<0.05	9	<0.5
WHT 47678	Soil	0.038	10	70	0.85	383	0.112	2	2.15	0.013	0.13	0.1	0.03	4.6	0.1	<0.05	9	<0.5
WHT 47679	Soil	0.074	33	62	0.75	776	0.054	2	1.82	0.024	0.09	<0.1	0.07	7.8	0.2	0.05	7	0.7
WHT 47680	Soil	0.089	39	127	0.94	1068	0.077	2	1.54	0.016	0.14	0.2	0.07	4.2	0.2	0.07	6	0.8
WHT 47681	Soil	0.023	25	13	0.38	769	0.059	3	1.61	0.013	0.25	0.1	0.07	2.5	0.3	<0.05	7	<0.5
WHT 47682	Soil	0.069	50	17	0.37	1097	0.047	3	1.53	0.016	0.21	0.2	0.13	3.9	0.2	0.06	6	<0.5
WHT 44256	Soil	0.157	11	23	0.83	337	0.199	<1	2.18	0.013	0.99	0.1	0.01	3.8	0.5	<0.05	11	<0.5
WHT 44257	Soil	0.058	12	23	0.49	267	0.124	1	1.76	0.012	0.47	<0.1	0.01	3.3	0.3	<0.05	7	<0.5
WHT 44258	Soil	0.030	13	38	0.38	761	0.051	3	1.64	0.012	0.08	0.1	0.03	6.1	0.2	<0.05	5	<0.5
WHT 44259	Soil	0.027	29	29	0.39	709	0.062	2	1.57	0.013	0.16	<0.1	0.02	5.6	0.1	<0.05	5	<0.5
WHT 44260	Soil	0.025	40	34	0.39	886	0.065	2	1.86	0.012	0.13	<0.1	0.02	6.7	0.1	<0.05	7	<0.5
WHT 44261	Soil	0.024	22	39	0.57	1056	0.099	2	2.03	0.018	0.16	<0.1	0.04	6.9	<0.1	<0.05	6	<0.5
WHT 44262	Soil	0.036	17	35	0.54	674	0.111	1	2.04	0.013	0.32	0.1	0.02	5.9	0.2	<0.05	7	<0.5
WHT 44263	Soil	0.022	15	34	0.50	557	0.089	2	1.70	0.019	0.13	0.1	0.02	5.1	<0.1	<0.05	5	<0.5



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Project: WHT

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## QUALITY CONTROL REPORT

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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	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
WHT 43904	Soil		2.4	36.4	5.6	122	0.2	51.0	9.3	413	2.88	7.1	1.4	2.9	3.8	28	0.5	1.0	0.1	96	0.43
REP WHT 43904	QC		2.5	36.3	5.6	124	0.2	51.7	9.2	417	2.91	7.4	1.4	1.8	3.8	29	0.4	1.0	0.1	96	0.44
WHT 44113	Soil		13.9	64.6	12.5	116	0.4	60.1	17.1	830	3.60	20.6	1.5	148.8	4.0	34	0.3	4.6	0.2	59	0.38
REP WHT 44113	QC		13.8	63.6	12.3	115	0.4	61.1	17.0	821	3.54	20.1	1.4	147.3	4.0	34	0.3	4.6	0.2	58	0.37
WHT 47966	Soil		2.5	63.7	17.2	114	0.6	52.4	17.7	753	3.85	42.7	1.7	11.5	6.6	36	0.5	1.7	0.3	51	0.32
REP WHT 47966	QC		2.8	62.1	16.7	109	0.5	49.2	16.9	725	3.78	40.8	1.6	20.4	6.5	35	0.4	1.6	0.3	49	0.30
WHT 44410	Soil		0.8	43.0	3.7	72	0.2	76.8	19.5	522	3.39	4.6	0.9	9.1	2.5	34	0.2	0.3	<0.1	86	1.02
REP WHT 44410	QC		0.8	43.7	3.9	72	0.2	77.8	19.6	538	3.46	4.5	1.0	6.3	2.6	35	0.2	0.3	<0.1	91	1.04
WHT 44289	Soil		1.2	47.5	4.8	86	0.2	53.5	19.4	494	3.66	3.0	0.9	1.2	3.9	26	0.2	0.1	<0.1	87	0.60
REP WHT 44289	QC		1.2	48.0	4.9	88	0.2	52.8	19.5	492	3.70	2.9	0.9	5.2	3.9	26	0.2	0.2	<0.1	88	0.59
WHT 48148	Soil		1.4	28.3	8.2	101	0.1	46.4	20.2	746	3.83	5.2	0.9	11.9	4.6	21	0.3	0.3	0.1	104	0.43
REP WHT 48148	QC		1.4	28.2	8.2	96	0.1	45.2	19.7	719	3.76	5.4	0.9	12.1	4.6	21	0.3	0.3	0.1	106	0.44
WHT 47534	Soil		1.1	31.8	11.1	64	<0.1	30.3	10.4	424	2.88	24.0	0.9	10.1	7.4	34	0.2	1.0	0.2	57	0.42
REP WHT 47534	QC		1.1	33.3	11.9	67	<0.1	32.0	10.9	438	2.96	24.9	1.0	6.5	8.0	35	0.2	1.1	0.2	59	0.41
WHT 47663	Soil		0.5	46.6	4.9	51	0.1	27.2	11.0	230	2.46	3.4	0.5	1.2	1.1	19	0.1	0.3	<0.1	66	0.31
REP WHT 47663	QC		0.6	48.7	5.0	52	0.1	26.9	11.2	230	2.51	3.7	0.5	2.0	1.1	20	0.1	0.2	<0.1	69	0.32
WHT 44101	Soil		1.3	28.3	10.3	68	0.1	21.1	9.2	392	2.76	7.8	2.0	4.1	6.1	29	0.2	0.4	0.1	63	0.48
REP WHT 44101	QC		1.2	28.9	10.3	72	0.1	23.1	9.7	388	2.75	7.5	2.0	12.9	6.0	30	0.2	0.4	0.1	61	0.51
WHT 47977	Soil		0.8	68.7	5.9	97	0.3	63.3	30.4	904	6.18	17.6	0.5	31.0	1.9	42	0.2	1.9	<0.1	128	1.11
REP WHT 47977	QC		0.8	69.4	6.3	99	0.3	63.3	30.0	872	6.04	17.9	0.6	53.2	2.0	43	0.2	1.9	<0.1	128	1.13
WHT 44875	Soil		0.9	28.1	5.9	94	0.2	38.8	14.1	597	3.39	5.6	1.1	9.4	5.9	61	0.4	0.3	<0.1	77	0.90
REP WHT 44875	QC		1.0	26.5	6.1	92	0.2	38.0	13.7	570	3.27	5.4	1.0	8.9	5.8	59	0.3	0.3	<0.1	74	0.86
WHT 47970	Soil		2.1	59.3	13.4	88	0.3	45.4	15.7	834	3.94	37.1	1.4	27.6	8.0	26	0.2	1.1	0.2	34	0.23
REP WHT 47970	QC		2.0	58.7	12.8	88	0.3	43.0	15.7	806	3.80	35.9	1.4	26.6	7.8	26	0.3	1.1	0.2	35	0.23
WHT 43914	Soil		4.4	147.0	8.8	120	0.3	23.1	5.8	264	3.68	3.8	2.9	0.6	5.0	51	0.7	0.5	0.2	72	0.45
REP WHT 43914	QC		4.7	143.9	9.0	120	0.3	23.3	5.8	264	3.66	4.0	2.9	1.7	5.1	51	0.7	0.5	0.2	74	0.47
WHT 44056	Soil		1.4	38.1	9.0	66	0.3	26.0	9.4	986	2.94	25.0	2.5	39.8	2.3	66	0.4	0.8	0.1	49	1.36
REP WHT 44056	QC		1.5	36.4	9.0	67	0.3	26.4	9.7	988	3.02	25.2	2.5	41.1	2.3	66	0.3	0.8	0.1	49	1.37



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## QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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 43904	Soil	0.118	16	67	0.99	791	0.118	1	1.78	0.015	0.40	0.2	0.02	3.7	0.3	<0.05	6	1.2
REP WHT 43904	QC	0.120	17	67	0.96	801	0.122	1	1.78	0.012	0.40	0.1	0.02	3.6	0.3	<0.05	5	1.2
WHT 44113	Soil	0.033	18	37	0.35	489	0.043	2	0.96	0.016	0.14	0.2	0.05	7.3	0.1	<0.05	3	1.0
REP WHT 44113	QC	0.032	17	36	0.35	482	0.044	2	0.96	0.017	0.14	0.1	0.05	7.3	0.1	<0.05	3	0.9
WHT 47966	Soil	0.030	22	33	0.31	546	0.025	5	1.13	0.010	0.18	0.2	0.06	6.5	0.2	<0.05	3	0.8
REP WHT 47966	QC	0.031	21	32	0.30	525	0.024	3	1.12	0.010	0.17	0.2	0.05	6.4	0.2	<0.05	4	1.0
WHT 44410	Soil	0.074	18	196	1.51	674	0.127	<1	1.94	0.019	0.33	0.1	0.03	6.8	0.2	<0.05	6	0.6
REP WHT 44410	QC	0.076	18	204	1.52	693	0.133	2	1.95	0.020	0.34	0.1	0.03	6.9	0.3	<0.05	6	0.6
WHT 44289	Soil	0.100	13	93	1.32	533	0.142	2	2.19	0.017	0.42	0.2	0.01	3.6	0.3	<0.05	7	0.8
REP WHT 44289	QC	0.095	13	94	1.32	538	0.143	1	2.16	0.017	0.41	0.2	0.01	3.8	0.3	<0.05	7	0.7
WHT 48148	Soil	0.080	15	99	1.12	659	0.115	2	2.00	0.018	0.40	0.2	0.03	5.5	0.3	<0.05	8	0.6
REP WHT 48148	QC	0.082	15	98	1.13	644	0.113	2	2.14	0.017	0.42	0.2	0.03	5.4	0.3	<0.05	8	0.5
WHT 47534	Soil	0.035	18	32	0.45	542	0.056	2	1.40	0.024	0.09	0.2	0.03	6.3	<0.1	<0.05	4	<0.5
REP WHT 47534	QC	0.035	18	32	0.45	558	0.053	1	1.41	0.023	0.09	0.2	0.03	6.2	<0.1	<0.05	4	0.5
WHT 47663	Soil	0.052	7	55	0.80	249	0.095	<1	1.48	0.021	0.07	0.1	0.02	3.6	<0.1	<0.05	5	<0.5
REP WHT 47663	QC	0.054	7	57	0.80	252	0.102	1	1.54	0.020	0.07	0.2	0.03	3.8	<0.1	<0.05	5	<0.5
WHT 44101	Soil	0.058	26	41	0.60	801	0.088	1	1.47	0.020	0.13	0.1	0.04	4.7	0.1	<0.05	5	0.7
REP WHT 44101	QC	0.058	25	41	0.60	785	0.088	3	1.46	0.021	0.15	0.1	0.03	4.8	0.1	<0.05	5	0.7
WHT 47977	Soil	0.196	15	115	1.32	921	0.066	4	2.19	0.013	0.42	<0.1	0.06	24.3	0.3	<0.05	7	0.7
REP WHT 47977	QC	0.196	16	116	1.37	911	0.072	4	2.15	0.014	0.41	<0.1	0.06	24.8	0.3	<0.05	7	0.6
WHT 44875	Soil	0.053	20	60	1.26	363	0.171	3	2.04	0.015	0.73	0.2	0.02	4.8	0.4	<0.05	7	1.0
REP WHT 44875	QC	0.049	19	57	1.19	365	0.164	2	1.88	0.014	0.69	0.1	<0.01	4.8	0.3	<0.05	7	0.7
WHT 47970	Soil	0.077	23	25	0.55	172	0.051	4	1.17	0.009	0.23	<0.1	0.04	3.8	0.3	<0.05	4	0.9
REP WHT 47970	QC	0.076	22	26	0.56	166	0.051	5	1.17	0.009	0.22	<0.1	0.04	3.8	0.3	<0.05	4	1.4
WHT 43914	Soil	0.190	22	50	0.64	895	0.083	4	1.51	0.031	0.71	0.1	0.03	4.5	0.9	0.31	5	3.7
REP WHT 43914	QC	0.185	22	51	0.63	889	0.085	3	1.52	0.033	0.71	0.1	0.03	4.6	0.9	0.32	5	3.9
WHT 44056	Soil	0.069	32	27	0.40	1399	0.053	1	1.46	0.022	0.08	0.2	0.10	7.1	<0.1	<0.05	4	1.2
REP WHT 44056	QC	0.070	31	27	0.40	1327	0.053	2	1.48	0.023	0.08	0.1	0.10	7.1	<0.1	0.05	4	1.6



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## QUALITY CONTROL REPORT

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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
WHT 48108	Soil		0.5	73.8	7.3	62	0.2	42.5	17.5	681	3.44	7.6	0.6	38.9	2.3	30	0.2	0.7	0.1	79	0.58
REP WHT 48108	QC		0.5	73.3	7.3	63	0.2	41.0	17.3	683	3.39	7.6	0.6	11.0	2.3	30	0.2	0.7	0.1	80	0.59
WHT 47677	Soil		0.5	82.1	4.5	56	0.2	72.9	25.9	433	4.67	3.8	0.3	5.2	0.9	21	0.1	0.2	<0.1	148	0.43
REP WHT 47677	QC		0.5	82.4	4.3	57	0.2	71.9	26.2	412	4.78	3.9	0.3	4.4	0.9	20	0.1	0.2	<0.1	145	0.42
Reference Materials																					
STD DS7	Standard		21.5	107.6	64.3	402	0.9	58.5	10.2	657	2.49	51.0	4.7	64.7	4.5	75	6.0	5.4	4.3	88	1.07
STD DS7	Standard		20.3	112.6	66.4	393	0.9	56.6	9.1	656	2.47	54.7	5.0	68.3	4.6	85	6.7	6.4	4.8	82	1.00
STD DS7	Standard		20.4	113.0	66.1	391	0.9	57.2	9.5	610	2.39	49.8	4.8	64.5	4.3	74	6.1	6.0	4.4	85	0.94
STD DS7	Standard		21.1	110.2	67.8	374	0.8	57.0	9.6	598	2.30	47.1	5.0	67.3	4.4	72	6.1	5.6	4.4	84	0.91
STD DS7	Standard		19.2	111.5	66.3	405	0.9	55.9	9.2	614	2.43	53.2	4.7	73.7	3.9	72	6.1	6.1	4.5	82	0.89
STD DS7	Standard		20.2	111.2	69.0	408	0.8	56.0	9.0	608	2.40	53.4	4.9	70.1	4.0	76	6.4	6.0	4.7	84	0.91
STD DS7	Standard		19.4	103.9	65.4	381	0.9	53.8	9.0	622	2.39	51.0	4.7	77.2	3.8	70	6.6	6.0	4.5	81	0.91
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 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	0.6	<0.1	<1	<0.1	0.7	<0.1	3	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	0.3	<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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Project: WHT  
Report Date: July 29, 2009

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## QUALITY CONTROL REPORT

VAN09003100.1

		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 48108	Soil	0.042	9	73	0.95	505	0.091	2	1.82	0.023	0.10	0.1	0.04	8.9	<0.1	<0.05	6	<0.5
REP WHT 48108	QC	0.041	9	72	0.95	518	0.087	3	1.90	0.023	0.11	0.1	0.04	9.0	<0.1	<0.05	6	<0.5
WHT 47677	Soil	0.041	4	188	2.28	271	0.157	1	2.85	0.018	0.11	<0.1	0.01	7.3	0.1	<0.05	9	<0.5
REP WHT 47677	QC	0.041	4	185	2.19	270	0.149	1	2.70	0.017	0.11	<0.1	0.02	7.3	0.1	<0.05	10	0.5
Reference Materials																		
STD DS7	Standard	0.080	14	241	1.06	406	0.117	38	1.14	0.106	0.47	3.7	0.19	2.7	4.3	0.24	5	3.7
STD DS7	Standard	0.078	14	206	1.03	424	0.132	43	1.04	0.109	0.47	4.0	0.18	2.8	4.2	0.20	5	3.7
STD DS7	Standard	0.076	13	204	1.02	398	0.130	34	1.00	0.094	0.45	3.7	0.21	2.6	4.2	0.19	5	3.0
STD DS7	Standard	0.070	13	206	0.99	390	0.134	37	0.98	0.093	0.42	3.8	0.18	2.4	4.1	0.20	5	2.8
STD DS7	Standard	0.077	12	197	1.03	411	0.123	39	0.96	0.093	0.47	3.9	0.20	2.4	4.1	0.22	5	4.1
STD DS7	Standard	0.080	13	193	1.03	420	0.123	44	0.99	0.099	0.46	3.7	0.21	2.5	4.3	0.23	5	4.1
STD DS7	Standard	0.077	12	198	1.00	394	0.118	41	0.96	0.091	0.46	3.6	0.19	2.5	4.2	0.18	5	3.6
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 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
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	<0.5
BLK	Blank	<0.001	<1	<1	<0.01	5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
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	<0.5
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	<0.5
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	<0.5
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	<0.5
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	<0.5
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	<0.5