



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

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

Submitted By: Jodie Gibson
Receiving Lab: Canada-Vancouver
Received: August 07, 2009
Report Date: August 25, 2009
Page: 1 of 11

CERTIFICATE OF ANALYSIS

VAN09003458.1

CLIENT JOB INFORMATION

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

SAMPLE DISPOSAL

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

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

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

CC: Rob McLeod
Adrian Fleming

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	300	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	300	Dry at 60C			VAN
1DX15	298	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



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



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Page: 2 of 11 **Part** 1

CERTIFICATE OF ANALYSIS

VAN09003458.1

		Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
WHT-44272	Soil	2.2	43.0	10.6	95	0.3	33.6	14.5	402	2.93	47.2	1.0	25.8	2.6	18	0.6	0.9	0.2	72	0.13	0.042	
WHT-44273	Soil	1.6	34.4	8.6	105	0.1	39.9	14.3	534	3.07	10.3	0.8	5.6	2.4	22	0.4	0.6	0.1	74	0.23	0.076	
WHT-44274	Soil	3.2	57.2	11.4	177	0.5	64.5	15.8	638	3.56	146.2	1.3	48.1	3.2	46	1.3	2.2	0.2	71	0.36	0.092	
WHT-44275	Soil	1.1	32.0	8.1	60	0.2	34.0	13.6	483	3.26	11.4	1.1	8.5	3.8	26	0.2	0.6	0.1	78	0.54	0.046	
WHT-44277	Soil	1.3	36.1	6.7	70	0.1	37.4	13.1	468	3.34	13.2	1.1	7.6	4.3	32	0.2	0.7	0.1	77	0.65	0.061	
WHT-44278	Soil	1.1	32.9	7.6	85	0.2	43.2	13.7	490	3.11	22.0	1.3	13.0	4.1	31	0.3	0.8	0.1	72	0.52	0.068	
WHT-44334	Soil	1.7	38.5	7.4	75	0.2	22.2	5.3	118	1.90	27.6	1.1	2.4	0.4	22	0.3	1.1	0.1	40	0.15	0.060	
WHT-44337	Soil	3.1	51.5	9.8	161	0.6	49.2	13.4	415	3.18	27.0	1.7	3.2	2.1	30	0.8	2.0	0.2	82	0.25	0.100	
WHT-44340	Soil	3.9	43.6	8.8	160	0.6	51.1	12.6	482	3.68	7.9	1.3	1.8	3.7	27	0.5	1.4	0.2	91	0.29	0.121	
WHT-44343	Soil	1.6	22.2	10.4	89	0.2	25.3	9.2	307	2.86	41.3	0.6	5.6	1.2	22	0.5	1.6	0.2	69	0.16	0.043	
WHT-44366	Soil	1.2	28.3	7.0	62	0.1	28.5	10.5	246	2.81	11.0	0.6	7.6	2.9	28	0.2	0.8	0.1	65	0.33	0.052	
WHT-44377	Soil	2.5	30.5	9.8	97	0.1	31.5	15.1	573	3.43	9.0	0.7	19.4	2.1	15	0.4	1.0	0.2	59	0.12	0.038	
WHT-44379	Soil	3.3	48.9	12.2	149	0.1	56.6	21.3	1491	3.63	22.8	1.3	48.1	4.1	25	0.5	2.1	0.3	54	0.12	0.045	
WHT-44381	Soil	2.6	55.1	10.8	140	0.3	54.7	16.1	587	4.24	29.5	1.1	3.4	4.0	33	0.9	1.1	0.2	95	0.41	0.120	
WHT-44385	Soil	2.2	39.0	7.3	115	0.8	44.5	10.1	287	3.17	16.9	0.8	1.1	3.4	22	0.7	0.4	0.1	78	0.26	0.071	
WHT-44388	Soil	2.0	33.2	6.5	53	0.5	26.8	9.8	181	2.71	7.6	0.7	1.6	2.4	24	0.2	0.5	0.1	70	0.22	0.030	
WHT-44399	Soil	1.6	45.5	10.9	128	0.2	59.5	13.9	300	3.70	23.1	0.8	3.2	3.1	21	0.7	1.8	0.2	69	0.22	0.047	
WHT-44432	Soil	1.3	28.8	10.2	55	<0.1	27.6	12.9	318	3.31	13.5	0.8	2.4	4.4	17	0.2	0.6	0.2	71	0.19	0.030	
WHT-44492	Soil	2.9	49.8	8.0	112	0.2	37.3	8.5	169	2.73	32.1	1.1	8.1	2.7	33	0.7	2.0	0.1	71	0.29	0.123	
WHT-44498	Soil	3.1	19.9	11.8	50	0.4	12.9	6.4	220	2.55	29.0	0.7	1.5	2.3	19	0.2	0.9	0.2	60	0.15	0.054	
WHT-44500	Soil	1.6	74.2	5.6	177	0.2	52.7	9.9	377	3.51	2.6	1.4	0.8	2.6	22	0.2	0.7	0.1	107	0.27	0.054	
WHT-44501	Soil	7.0	73.1	11.9	84	0.4	21.3	2.0	17	3.56	35.8	1.1	1.1	1.3	15	0.1	6.3	0.2	44	0.02	0.055	
WHT-44505	Soil	4.0	93.9	11.9	255	0.2	86.3	21.3	866	5.75	1.2	1.9	1.8	5.3	28	0.6	0.3	0.3	136	0.22	0.148	
WHT-44506	Soil	2.2	61.1	6.8	106	0.4	46.9	17.8	727	3.05	4.6	1.8	6.3	1.6	17	0.7	0.4	0.2	67	0.14	0.063	
WHT-44507	Soil	3.0	51.0	7.8	166	0.3	69.4	16.9	693	3.88	8.0	1.0	9.9	3.5	20	0.6	0.9	0.2	75	0.14	0.055	
WHT-44508	Soil	0.9	32.5	3.5	41	0.7	16.5	3.3	99	1.36	1.1	1.2	7.4	0.5	13	0.3	0.1	<0.1	30	0.11	0.060	
WHT-44509	Soil	2.8	35.8	8.0	96	0.4	21.1	5.4	187	2.71	3.8	1.1	5.8	2.3	23	0.3	0.4	0.2	69	0.18	0.077	
WHT-44511	Soil	3.1	46.2	8.8	129	0.5	51.4	14.7	551	3.80	7.5	0.7	4.9	3.2	11	0.8	0.7	0.3	81	0.11	0.041	
WHT-44515	Soil	1.1	33.7	8.4	84	0.2	542.3	38.3	615	3.22	9.2	1.1	9.3	2.4	63	0.2	0.6	0.1	54	1.05	0.055	
WHT-44516	Soil	2.1	39.0	7.4	105	0.3	216.0	25.6	636	3.52	12.7	1.2	7.2	2.8	48	0.8	0.9	0.1	64	0.77	0.067	



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VAN09003458.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
WHT-44272	Soil	13	34	0.27	298	0.018	3	1.64	0.010	0.06	0.1	0.03	3.9	0.2	<0.05	5	1.1
WHT-44273	Soil	11	38	0.33	250	0.033	2	1.08	0.009	0.10	<0.1	0.03	3.9	0.1	<0.05	4	1.2
WHT-44274	Soil	12	37	0.31	423	0.022	3	1.10	0.010	0.09	0.1	0.06	6.6	0.2	<0.05	4	1.7
WHT-44275	Soil	14	46	0.48	509	0.053	2	1.79	0.016	0.06	0.1	0.04	6.8	<0.1	<0.05	5	0.6
WHT-44277	Soil	17	49	0.55	652	0.064	2	1.74	0.019	0.11	0.1	0.04	8.2	0.1	<0.05	5	0.7
WHT-44278	Soil	17	52	0.58	546	0.074	3	1.49	0.019	0.14	0.1	0.05	6.7	0.1	<0.05	5	0.7
WHT-44334	Soil	10	35	0.35	402	0.040	2	0.96	0.012	0.13	<0.1	0.08	2.0	0.2	<0.05	5	0.9
WHT-44337	Soil	14	53	0.62	595	0.054	3	1.50	0.012	0.20	0.1	0.05	3.6	0.3	<0.05	6	1.3
WHT-44340	Soil	16	72	0.80	489	0.099	3	1.49	0.013	0.41	0.1	0.03	3.4	0.4	0.06	6	1.7
WHT-44343	Soil	6	27	0.33	313	0.039	2	1.51	0.011	0.05	0.2	0.02	2.4	0.1	<0.05	5	0.8
WHT-44366	Soil	11	34	0.52	814	0.058	1	1.67	0.014	0.04	0.2	0.03	3.6	<0.1	<0.05	5	0.8
WHT-44377	Soil	8	29	0.37	177	0.021	3	1.67	0.008	0.05	0.2	0.02	2.6	0.1	<0.05	4	0.8
WHT-44379	Soil	12	25	0.27	478	0.013	3	1.28	0.007	0.08	0.2	0.03	4.1	0.2	<0.05	4	1.3
WHT-44381	Soil	18	58	1.11	856	0.139	3	2.14	0.011	0.67	0.2	0.02	5.1	0.4	<0.05	8	1.7
WHT-44385	Soil	13	45	0.74	642	0.135	1	1.46	0.013	0.51	0.1	0.02	3.0	0.3	<0.05	7	1.1
WHT-44388	Soil	10	37	0.51	338	0.101	1	1.50	0.017	0.16	0.1	0.02	2.4	0.1	<0.05	5	0.7
WHT-44399	Soil	10	43	0.35	274	0.025	3	1.38	0.008	0.08	0.2	0.03	4.2	0.1	<0.05	4	1.5
WHT-44432	Soil	13	42	0.58	248	0.073	1	2.28	0.014	0.06	0.1	0.02	4.4	<0.1	<0.05	6	0.5
WHT-44492	Soil	10	29	0.39	1064	0.052	2	1.33	0.014	0.06	0.3	0.03	3.1	0.1	<0.05	4	1.5
WHT-44498	Soil	9	24	0.28	264	0.045	<1	1.19	0.011	0.08	0.2	0.03	2.2	0.1	<0.05	5	1.4
WHT-44500	Soil	11	55	1.31	623	0.134	1	2.47	0.014	0.55	<0.1	<0.01	4.7	0.4	<0.05	7	1.3
WHT-44501	Soil	14	15	0.02	102	0.003	2	0.29	0.004	0.06	<0.1	0.01	1.4	0.2	<0.05	2	4.6
WHT-44505	Soil	32	97	1.55	1486	0.166	<1	2.59	0.013	1.08	<0.1	0.01	6.0	0.6	0.12	8	2.5
WHT-44506	Soil	15	42	0.46	490	0.030	4	1.57	0.010	0.18	0.1	0.05	4.7	0.2	<0.05	5	1.1
WHT-44507	Soil	11	46	0.46	290	0.047	4	1.19	0.009	0.13	0.1	0.02	4.3	0.2	<0.05	4	1.0
WHT-44508	Soil	8	23	0.26	326	0.032	2	0.71	0.020	0.15	<0.1	0.05	2.2	0.1	0.07	3	1.5
WHT-44509	Soil	15	37	0.61	407	0.076	2	1.29	0.013	0.25	0.1	0.04	2.6	0.2	0.08	5	2.1
WHT-44511	Soil	10	40	0.39	546	0.040	2	1.51	0.011	0.08	0.1	0.02	4.1	0.1	<0.05	6	1.5
WHT-44515	Soil	11	197	2.49	570	0.051	4	1.62	0.016	0.13	<0.1	0.04	5.7	0.3	<0.05	4	0.9
WHT-44516	Soil	14	100	1.30	629	0.058	4	1.47	0.019	0.21	0.1	0.04	5.7	0.2	<0.05	4	1.1



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
WHT-44523	Soil	1.8	32.8	8.6	100	0.5	26.4	7.6	183	2.70	4.0	1.5	13.5	3.4	19	0.3	0.4	0.2	54	0.17
WHT-44526	Soil	3.2	51.4	9.7	210	0.1	54.2	12.1	222	3.93	1.3	1.7	1.0	4.4	28	0.3	0.1	0.2	85	0.05
WHT-44531	Soil	1.4	26.8	7.2	54	0.3	15.8	6.9	218	2.42	6.0	0.5	3.1	1.7	16	0.2	0.6	0.1	58	0.15
WHT-44546	Soil	0.5	11.1	12.0	90	<0.1	15.3	8.7	451	2.51	5.3	1.2	1.3	8.1	22	0.1	0.4	0.1	38	0.34
WHT-44561	Soil	2.9	27.0	8.3	145	0.1	16.3	9.3	597	4.15	10.2	1.7	10.7	11.1	25	0.2	0.5	0.1	31	0.39
WHT-44562	Soil	4.0	27.7	10.1	137	<0.1	17.3	9.6	601	4.24	11.3	1.7	21.1	10.9	26	0.2	0.6	0.1	33	0.38
WHT-44603	Soil	1.4	72.2	8.7	85	0.1	37.2	17.8	514	4.30	10.9	1.8	6.8	6.3	34	0.1	0.6	0.2	99	0.50
WHT-44612	Soil	5.7	38.1	9.5	109	1.5	31.0	11.5	295	3.31	51.3	1.6	3.2	3.6	45	0.4	1.2	0.2	61	0.52
WHT-44617	Soil	5.9	104.3	10.1	196	0.5	54.7	17.3	304	3.92	18.4	4.2	10.7	3.1	31	1.7	0.9	0.2	82	0.27
WHT-44623	Soil	1.7	57.5	9.3	92	0.3	42.4	15.0	392	2.96	18.0	1.8	5.0	3.9	23	0.5	3.5	0.2	62	0.23
WHT-44624	Soil	2.4	54.4	9.3	145	0.2	58.9	19.7	592	4.17	8.5	1.1	5.0	3.7	23	0.6	3.9	0.2	85	0.24
WHT-44627	Soil	3.1	68.1	8.2	146	0.9	46.8	13.0	305	2.95	97.3	1.6	14.0	2.0	40	1.1	2.9	0.2	70	0.36
WHT-44648	Soil	3.3	50.3	7.4	145	0.5	48.4	12.7	309	3.81	6.2	2.0	3.5	4.8	32	0.6	0.4	0.1	87	0.32
WHT-44651	Soil	1.8	49.5	7.9	118	0.2	46.0	15.0	446	3.38	8.4	1.6	2.6	5.1	32	0.4	0.5	0.2	80	0.39
WHT-44652	Soil	1.6	54.3	6.4	84	0.3	38.6	12.1	358	2.92	12.3	1.3	6.5	4.1	42	0.3	0.6	0.2	64	0.85
WHT-44650	Soil	2.9	50.7	8.3	145	0.7	49.3	23.6	1028	3.15	13.2	1.5	3.2	3.2	53	2.4	0.9	0.2	66	0.69
WHT-44653	Soil	2.7	68.3	12.1	165	0.3	80.9	23.4	657	3.99	4.7	1.9	3.3	5.3	34	0.6	0.3	0.2	100	0.39
WHT-44655	Soil	2.5	56.4	8.2	162	0.3	51.8	14.2	593	3.66	5.6	1.3	1.7	3.7	24	0.5	0.6	0.2	74	0.28
WHT-44664	Soil	3.2	78.2	5.7	171	0.3	104.6	27.3	428	4.33	13.3	2.2	1.6	5.8	38	0.4	0.3	0.1	114	0.49
WHT-44666	Soil	2.1	30.7	7.3	84	0.3	25.6	8.4	635	2.96	76.9	0.9	1.7	3.9	25	0.5	1.2	0.2	62	0.27
WHT-44704	Soil	1.7	26.4	9.9	99	0.5	46.8	12.5	459	3.48	19.6	0.8	1.2	3.3	25	0.4	1.6	0.2	65	0.28
WHT-44707	Soil	1.9	28.1	7.7	114	0.1	21.7	9.6	646	4.09	8.6	1.0	10.2	7.4	24	0.1	0.6	0.1	45	0.34
WHT-44708	Soil	1.0	21.1	8.0	79	0.1	21.5	11.2	512	3.19	6.9	0.5	4.5	3.3	32	0.2	0.4	0.1	57	0.44
WHT-44711	Soil	1.2	34.4	5.4	110	<0.1	26.3	16.4	545	3.85	47.8	0.9	9.0	3.6	21	0.2	0.5	<0.1	80	0.59
WHT-44712	Soil	1.2	36.1	5.4	110	<0.1	27.5	16.1	529	3.82	42.0	0.8	9.2	3.7	21	0.1	0.5	<0.1	84	0.57
WHT-44716	Soil	2.4	36.7	10.6	113	0.3	47.7	12.8	373	3.09	16.3	1.1	8.8	3.2	39	0.4	0.9	0.1	62	0.47
WHT-44718	Soil	2.9	66.4	9.8	169	0.3	70.6	22.2	828	4.89	28.2	1.4	7.9	4.7	31	1.0	1.1	0.2	103	0.44
WHT-44725	Soil	5.9	40.0	13.6	94	0.4	25.3	9.4	333	2.97	5.3	1.1	5.3	3.6	29	0.4	0.5	0.2	72	0.29
WHT-44726	Soil	2.8	49.9	10.8	122	0.3	50.5	12.7	456	3.34	6.2	1.6	4.6	6.6	40	0.5	0.8	0.2	52	0.47
WHT-44730	Soil	3.2	40.3	9.2	73	0.5	19.8	5.1	129	2.86	15.2	1.2	5.7	2.0	21	0.3	0.7	0.2	72	0.16



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
WHT-44523	Soil	17	39	0.60	371	0.062	2	1.38	0.014	0.29	0.1	0.05	3.4	0.2	0.07	5	1.0
WHT-44526	Soil	19	58	0.81	380	0.074	3	1.67	0.009	0.59	<0.1	<0.01	4.7	0.5	0.06	6	1.2
WHT-44531	Soil	6	23	0.28	277	0.040	2	1.10	0.010	0.10	0.1	0.01	2.0	<0.1	<0.05	4	0.7
WHT-44546	Soil	28	26	0.44	388	0.092	3	1.48	0.011	0.42	0.1	<0.01	3.8	0.3	<0.05	5	0.5
WHT-44561	Soil	64	11	0.53	456	0.096	3	1.48	0.010	0.58	0.1	0.03	7.4	0.4	<0.05	9	0.5
WHT-44562	Soil	60	13	0.51	495	0.101	3	1.49	0.010	0.57	0.1	0.03	8.2	0.4	<0.05	8	0.8
WHT-44603	Soil	26	45	1.05	468	0.186	2	2.28	0.018	0.69	0.2	0.04	7.6	0.2	<0.05	8	0.6
WHT-44612	Soil	12	37	0.47	414	0.062	3	1.73	0.017	0.15	0.3	0.09	5.5	0.2	<0.05	5	2.8
WHT-44617	Soil	18	51	0.68	598	0.093	2	1.94	0.017	0.22	0.2	0.05	4.5	0.3	0.09	6	3.9
WHT-44623	Soil	16	34	0.43	685	0.032	2	1.49	0.010	0.09	0.1	0.04	5.4	0.1	<0.05	4	1.0
WHT-44624	Soil	17	41	0.57	571	0.080	2	1.61	0.010	0.27	0.1	0.03	4.6	0.2	<0.05	6	0.9
WHT-44627	Soil	10	39	0.45	900	0.041	4	1.44	0.018	0.09	0.2	0.15	4.1	0.3	<0.05	5	2.0
WHT-44648	Soil	22	60	0.87	933	0.146	1	1.73	0.020	0.46	0.1	0.03	3.5	0.3	0.15	6	1.9
WHT-44651	Soil	19	49	0.88	562	0.109	<1	1.76	0.019	0.39	0.1	0.03	5.2	0.2	0.09	5	0.9
WHT-44652	Soil	16	36	0.78	442	0.099	1	1.36	0.027	0.30	0.2	0.04	3.8	0.2	0.08	4	1.4
WHT-44650	Soil	16	44	0.52	832	0.072	2	1.48	0.020	0.17	0.1	0.02	4.2	0.1	<0.05	5	1.7
WHT-44653	Soil	24	100	1.21	734	0.140	1	2.19	0.015	0.56	0.1	0.02	5.7	0.3	0.07	7	1.2
WHT-44655	Soil	13	41	0.64	592	0.087	2	1.60	0.014	0.22	0.1	0.02	3.7	0.2	<0.05	5	1.3
WHT-44664	Soil	24	87	1.47	1002	0.177	<1	2.47	0.019	0.92	<0.1	0.01	4.4	0.5	0.19	7	2.0
WHT-44666	Soil	16	29	0.53	324	0.087	2	1.26	0.017	0.31	0.2	0.02	2.7	0.3	0.07	5	1.0
WHT-44704	Soil	12	35	0.42	452	0.032	<1	1.32	0.013	0.10	<0.1	0.01	3.5	<0.1	<0.05	4	<0.5
WHT-44707	Soil	45	21	0.45	703	0.079	1	1.63	0.011	0.49	0.1	0.04	8.9	0.3	<0.05	7	<0.5
WHT-44708	Soil	11	31	0.50	916	0.090	1	1.78	0.014	0.31	0.1	0.05	5.0	0.1	<0.05	6	<0.5
WHT-44711	Soil	18	67	1.20	566	0.125	<1	2.10	0.012	0.66	<0.1	0.02	7.1	0.2	<0.05	7	0.6
WHT-44712	Soil	18	70	1.17	590	0.134	<1	2.07	0.012	0.70	0.1	0.02	7.4	0.3	<0.05	7	1.0
WHT-44716	Soil	12	42	0.61	413	0.066	2	1.23	0.028	0.11	0.2	0.03	4.3	0.1	<0.05	4	0.9
WHT-44718	Soil	22	56	0.82	656	0.077	3	1.78	0.012	0.22	<0.1	0.03	6.9	0.3	<0.05	7	2.1
WHT-44725	Soil	14	40	0.62	559	0.094	<1	1.31	0.018	0.37	<0.1	0.01	3.1	0.3	0.14	5	1.1
WHT-44726	Soil	24	39	0.69	498	0.086	1	1.25	0.015	0.36	<0.1	0.02	3.5	0.3	0.11	4	1.6
WHT-44730	Soil	13	30	0.41	370	0.045	2	1.13	0.011	0.16	0.1	0.08	2.5	0.2	0.07	4	1.8



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
WHT-44731	Soil	2.0	41.0	6.8	90	0.4	25.2	7.5	210	2.63	24.1	1.5	5.2	1.9	26	0.5	0.5	0.1	63	0.27	0.089
WHT-44734	Soil	1.3	21.6	9.0	85	0.3	21.4	9.7	536	2.68	5.6	0.7	1.3	2.7	31	0.4	0.4	0.1	87	0.39	0.093
WHT-44735	Soil	1.8	60.2	7.9	162	0.3	68.8	16.2	449	3.77	5.2	1.7	1.2	4.6	30	0.5	0.5	0.2	83	0.46	0.113
WHT-44739	Soil	1.8	57.5	7.6	94	0.4	37.9	15.4	473	2.97	19.4	1.3	5.2	3.5	32	0.6	1.5	0.1	56	0.47	0.095
WHT-44740	Soil	1.7	58.4	7.2	103	0.3	38.5	16.5	535	3.14	19.5	1.3	7.2	3.5	32	0.6	1.5	0.1	60	0.49	0.106
WHT-44741	Soil	1.5	62.9	7.7	136	0.5	41.8	15.2	487	3.52	14.7	1.3	14.2	3.8	40	0.7	1.1	0.2	71	0.56	0.135
WHT-44742	Soil	1.5	44.2	8.0	183	0.3	46.6	20.8	808	3.17	6.6	0.8	14.1	3.7	37	1.3	1.7	0.1	64	0.53	0.080
WHT-44743	Soil	2.4	75.7	7.4	260	0.4	76.0	24.3	636	4.21	4.4	2.0	2.0	4.6	42	1.1	0.4	0.1	99	0.48	0.109
WHT-44744	Soil	1.2	34.7	8.0	102	0.1	34.0	14.1	500	2.73	9.0	0.7	3.0	3.7	36	0.6	0.7	0.1	64	0.51	0.060
WHT-44754	Soil	3.2	53.6	13.7	127	1.0	34.7	16.5	594	3.39	161.7	1.8	8.1	2.5	25	1.2	5.1	0.3	62	0.16	0.109
WHT-44755	Soil	3.7	62.0	10.7	157	0.6	66.5	13.3	306	4.30	62.1	2.2	4.5	3.4	36	0.5	2.1	0.2	102	0.28	0.178
WHT-44756	Soil	4.9	67.7	9.7	192	0.6	35.3	11.6	325	4.05	67.3	2.4	5.7	3.3	33	0.8	2.5	0.2	100	0.15	0.116
WHT-44758	Soil	3.6	52.6	9.1	159	0.3	40.9	7.9	171	3.73	54.4	2.0	13.4	4.8	33	0.8	1.6	0.2	71	0.20	0.087
WHT-44764	Soil	3.2	44.3	6.9	136	0.5	28.1	11.0	758	3.46	14.3	1.4	2.8	3.2	31	0.7	0.4	0.2	85	0.29	0.106
WHT-44766	Soil	2.8	38.3	7.7	93	0.1	47.1	14.7	549	3.03	19.7	2.3	14.6	3.4	40	0.3	1.0	0.1	56	0.55	0.075
WHT-44772	Soil	4.6	52.6	7.1	155	0.3	57.2	12.3	367	3.70	9.9	1.7	<0.5	4.3	30	0.6	0.8	0.2	76	0.42	0.077
WHT-44863	Soil	6.4	78.9	16.9	260	0.3	71.1	11.3	244	3.92	9.7	1.1	10.8	4.7	29	1.0	1.6	0.2	110	0.16	0.035
WHT-44898	Soil	1.0	49.6	6.8	68	0.2	43.8	13.0	395	3.07	11.7	0.8	4.8	4.1	36	0.1	0.6	0.1	70	0.52	0.084
WHT-44919	Soil	0.6	26.4	8.0	70	<0.1	71.1	15.7	322	3.41	5.0	0.9	0.6	9.0	20	<0.1	0.3	0.2	59	0.27	0.048
WHT-44903	Soil	3.5	41.9	9.0	147	0.5	41.9	10.6	295	3.21	10.4	1.8	3.5	4.1	27	0.5	1.8	0.2	73	0.36	0.093
WHT-44900	Soil	5.0	121.4	7.8	144	0.7	55.8	14.1	439	3.87	5.7	2.5	8.3	5.9	90	0.7	0.7	0.2	80	2.15	0.159
WHT-44904	Soil	4.0	34.9	11.1	126	0.4	39.3	8.4	270	3.94	11.8	1.3	0.9	3.3	17	0.5	2.7	0.2	97	0.08	0.068
WHT-44905	Soil	3.6	51.4	5.9	159	0.5	45.0	13.4	354	3.65	5.5	1.6	3.9	3.8	30	0.4	0.4	0.1	87	0.26	0.105
WHT-44906	Soil	3.7	40.9	8.4	157	0.2	45.1	9.1	285	3.23	6.9	1.3	1.8	1.1	25	0.8	0.4	0.2	94	0.17	0.086
WHT-44907	Soil	5.2	58.7	9.2	207	0.3	43.6	11.3	362	4.17	10.8	2.1	1.4	4.3	37	0.4	0.4	0.1	101	0.17	0.114
WHT-44908	Soil	5.4	65.2	11.3	236	0.2	63.2	8.4	324	4.34	26.8	2.3	1.5	5.2	48	0.4	0.6	0.2	106	0.07	0.096
WHT-44925	Soil	0.7	42.4	8.1	78	<0.1	37.1	16.2	386	4.38	2.0	1.9	1.0	16.0	13	<0.1	0.1	0.2	46	0.17	0.058
WHT-44932	Soil	2.3	42.4	14.8	73	0.2	16.1	11.5	808	2.59	6.7	2.9	5.3	13.9	23	0.2	0.3	0.3	52	0.28	0.044
WHT-45210	Soil	2.1	44.9	11.9	93	0.2	44.0	12.8	691	3.45	4.7	0.7	0.7	3.8	19	0.3	0.6	0.2	91	0.33	0.093
WHT-45211	Soil	1.5	21.9	7.4	60	0.1	36.7	13.8	604	2.86	5.6	0.6	<0.5	3.5	26	0.2	0.4	0.1	65	0.37	0.056



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
WHT-44731	Soil	12	37	0.58	455	0.086	<1	1.37	0.014	0.24	0.1	0.05	3.0	0.2	0.08	5	1.0
WHT-44734	Soil	10	35	0.56	445	0.082	<1	1.61	0.013	0.22	0.2	0.01	3.5	<0.1	<0.05	5	<0.5
WHT-44735	Soil	19	58	0.70	607	0.098	<1	1.85	0.013	0.42	0.1	0.02	4.9	0.2	<0.05	5	1.4
WHT-44739	Soil	15	29	0.56	439	0.077	1	1.60	0.018	0.24	0.2	0.05	4.7	0.1	<0.05	4	1.5
WHT-44740	Soil	16	30	0.55	459	0.089	1	1.59	0.017	0.28	0.2	0.04	4.8	0.1	0.05	4	1.3
WHT-44741	Soil	17	34	0.69	481	0.107	2	1.93	0.020	0.33	0.1	0.06	5.0	0.1	0.07	5	1.1
WHT-44742	Soil	15	40	0.61	568	0.087	1	1.64	0.019	0.33	0.1	0.02	5.4	0.1	<0.05	5	<0.5
WHT-44743	Soil	21	67	1.13	906	0.158	1	2.20	0.018	0.75	0.1	0.02	5.0	0.3	0.06	7	1.2
WHT-44744	Soil	15	36	0.58	391	0.088	2	1.53	0.027	0.22	0.1	0.02	4.9	<0.1	<0.05	4	0.6
WHT-44754	Soil	18	32	0.34	582	0.043	1	1.10	0.011	0.25	0.1	0.07	3.6	0.4	0.11	4	1.1
WHT-44755	Soil	23	93	0.99	1097	0.114	<1	1.77	0.015	0.55	0.1	0.05	4.5	0.5	0.16	7	2.4
WHT-44756	Soil	22	54	0.73	665	0.107	<1	1.60	0.017	0.42	0.8	0.03	3.4	0.4	0.21	6	2.7
WHT-44758	Soil	16	44	0.47	614	0.037	2	1.30	0.010	0.21	0.1	0.03	4.2	0.2	0.05	4	2.9
WHT-44764	Soil	14	51	0.72	581	0.087	<1	1.57	0.018	0.32	<0.1	0.03	2.8	0.2	0.07	6	2.1
WHT-44766	Soil	14	42	0.62	583	0.061	1	1.17	0.016	0.17	0.2	0.03	3.4	0.2	<0.05	4	1.4
WHT-44772	Soil	17	43	0.71	388	0.058	<1	1.28	0.015	0.41	<0.1	0.02	3.5	0.3	0.07	5	3.3
WHT-44863	Soil	12	56	0.71	377	0.068	<1	1.57	0.008	0.33	<0.1	0.01	6.0	0.3	<0.05	6	2.6
WHT-44898	Soil	17	40	0.77	378	0.101	1	1.59	0.024	0.27	0.2	0.04	4.4	0.2	<0.05	5	0.7
WHT-44919	Soil	21	86	1.25	297	0.149	<1	2.35	0.012	0.59	<0.1	<0.01	3.7	0.4	<0.05	8	<0.5
WHT-44903	Soil	17	46	0.60	361	0.079	<1	1.36	0.012	0.29	0.2	0.06	3.3	0.3	<0.05	6	1.2
WHT-44900	Soil	23	45	0.91	514	0.090	<1	1.51	0.033	0.44	0.1	0.05	4.1	0.4	0.21	5	3.3
WHT-44904	Soil	12	44	0.45	216	0.103	<1	1.45	0.010	0.21	<0.1	0.02	2.5	0.2	<0.05	7	1.2
WHT-44905	Soil	16	58	1.01	449	0.133	<1	2.03	0.011	0.45	0.1	0.04	3.0	0.3	<0.05	6	1.1
WHT-44906	Soil	15	52	0.72	345	0.065	<1	1.61	0.012	0.33	<0.1	0.01	2.2	0.3	<0.05	7	1.4
WHT-44907	Soil	23	73	0.96	550	0.105	<1	1.71	0.018	0.67	0.1	0.02	3.0	0.5	0.16	6	2.6
WHT-44908	Soil	25	117	0.98	631	0.095	<1	1.66	0.019	0.78	<0.1	0.03	3.8	0.6	0.20	7	2.6
WHT-44925	Soil	42	44	1.09	241	0.249	<1	2.57	0.008	1.03	0.1	<0.01	3.3	0.8	<0.05	8	0.6
WHT-44932	Soil	25	27	0.43	371	0.060	<1	1.60	0.012	0.12	0.1	0.04	2.4	0.2	<0.05	7	<0.5
WHT-45210	Soil	9	52	0.72	488	0.099	<1	1.65	0.012	0.34	<0.1	0.02	3.6	0.2	<0.05	6	0.8
WHT-45211	Soil	12	41	0.52	785	0.076	<1	1.56	0.012	0.24	<0.1	<0.01	3.7	0.1	<0.05	5	<0.5



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
WHT-45209	Soil	0.8	30.9	6.7	77	<0.1	32.7	12.0	492	3.12	7.8	0.7	3.4	7.7	28	0.2	0.4	<0.1	70	0.48	0.042
WHT-45212	Soil	3.3	57.3	10.4	131	0.3	61.0	16.6	745	3.76	12.7	1.3	<0.5	5.2	27	0.5	0.8	0.2	69	0.48	0.059
WHT-45213	Soil	1.2	25.2	7.6	71	0.1	27.9	12.7	431	3.05	7.2	0.6	2.6	3.9	32	0.3	0.4	0.1	64	0.48	0.029
WHT-45214	Soil	1.9	34.0	4.8	86	0.1	42.5	14.5	432	3.00	3.7	1.8	<0.5	3.3	37	0.3	0.2	<0.1	78	0.57	0.063
WHT-45215	Soil	1.5	80.8	9.1	198	0.3	133.4	23.2	761	3.78	5.4	1.6	1.9	3.0	62	1.5	0.6	0.2	89	1.07	0.131
WHT-45216	Soil	1.9	93.9	9.5	266	0.3	170.3	65.3	1511	2.91	8.3	1.1	2.8	2.2	45	1.1	0.7	0.1	82	1.15	0.084
WHT-45217	Soil	1.5	55.7	5.3	178	0.3	72.4	25.8	660	4.59	6.7	0.9	1.4	1.2	42	1.1	0.7	<0.1	94	2.78	0.144
WHT-45218	Soil	3.6	87.0	8.7	311	0.6	117.4	24.2	764	5.04	6.7	1.6	3.3	3.0	64	2.3	1.0	0.1	120	2.27	0.155
WHT-47512	Soil	1.0	19.6	9.0	87	<0.1	20.4	8.6	294	3.47	7.9	0.8	1.1	5.1	25	0.1	0.4	0.1	53	0.36	0.036
WHT-47513	Soil	1.1	20.3	15.0	81	<0.1	16.9	9.2	444	3.47	9.0	0.9	6.1	7.8	24	<0.1	0.7	0.1	47	0.31	0.026
WHT-47514	Soil	0.7	70.4	6.1	55	<0.1	30.1	15.1	511	3.67	7.3	0.4	<0.5	2.5	21	<0.1	0.4	<0.1	117	0.40	0.030
WHT-47515	Soil	0.8	30.6	6.6	51	<0.1	24.5	13.5	379	2.83	6.0	0.3	<0.5	1.9	20	<0.1	0.4	0.1	78	0.27	0.019
WHT-47516	Soil	0.7	18.1	6.1	29	0.1	9.1	5.1	142	1.89	4.4	0.3	1.2	1.1	13	<0.1	0.3	0.1	78	0.17	0.020
WHT-47517	Soil	0.8	72.4	3.6	59	0.1	28.9	19.0	557	3.70	2.7	0.5	0.9	0.8	33	0.2	0.3	<0.1	112	0.90	0.047
WHT-47518	Soil	1.2	38.6	8.6	100	0.2	42.8	17.9	862	3.96	6.7	1.1	9.3	4.7	31	0.2	0.6	0.1	92	0.82	0.095
WHT-47519	Soil	1.0	52.1	6.0	72	0.1	30.0	18.9	1023	3.63	4.0	0.9	6.7	2.2	33	0.2	0.3	0.1	111	0.69	0.058
WHT-47521	Soil	0.9	40.9	6.9	87	0.1	38.3	18.2	712	3.80	6.1	0.7	6.8	2.8	31	0.2	0.4	0.1	96	0.74	0.065
WHT-47522	Soil	0.6	53.5	5.9	66	0.2	42.1	19.2	740	3.77	13.3	0.8	11.5	2.6	42	0.2	0.6	<0.1	93	1.08	0.049
WHT-47536	Soil	2.4	57.0	7.5	126	0.3	22.5	6.2	300	4.07	1.1	1.5	4.2	8.0	24	0.2	0.2	0.3	83	0.24	0.087
WHT-47537	Soil	2.4	54.2	9.4	115	0.2	105.4	16.1	470	3.38	6.8	1.5	23.5	3.5	38	0.5	0.9	0.2	83	0.67	0.103
WHT-47538	Soil	4.9	25.9	8.7	73	0.4	27.5	8.7	253	2.75	9.2	0.7	12.5	2.4	23	0.3	0.8	0.1	69	0.29	0.060
WHT-47539	Soil	2.2	27.4	6.5	70	0.5	23.1	8.6	315	2.24	5.4	0.6	5.0	1.6	16	0.3	0.4	0.1	54	0.20	0.067
WHT-47540	Soil	2.1	38.2	6.4	89	0.3	36.7	10.9	319	2.87	3.6	0.9	2.2	2.2	23	0.4	0.3	0.1	72	0.26	0.104
WHT-47541	Soil	3.5	70.6	5.2	124	0.3	29.4	10.1	288	3.52	1.7	2.0	1.8	1.8	24	0.4	0.1	0.2	99	0.20	0.099
WHT-47542	Soil	2.6	54.6	7.1	105	0.2	22.2	8.0	264	3.86	6.3	1.3	0.8	3.7	19	0.2	0.4	0.2	80	0.13	0.067
WHT-47543	Soil	1.5	17.5	9.1	65	0.5	18.7	11.1	330	3.14	8.7	0.4	<0.5	2.3	11	0.2	0.5	0.2	85	0.14	0.042
WHT-47544	Soil	1.5	30.4	7.5	78	0.5	19.7	13.1	451	2.98	4.8	0.8	0.7	4.9	17	<0.1	0.3	0.2	56	0.16	0.040
WHT-47545	Soil	1.6	41.7	7.6	105	0.5	27.8	10.8	523	3.39	5.8	1.0	0.9	4.0	31	0.4	0.3	0.2	92	0.31	0.070
WHT-47546	Soil	2.1	47.9	10.8	90	0.2	27.2	9.2	309	3.86	24.3	1.7	1.1	3.6	41	0.3	1.5	0.2	84	0.42	0.117
WHT-47547	Soil	1.6	57.1	7.9	146	0.3	42.3	18.1	586	3.72	5.8	1.8	<0.5	5.1	33	0.3	0.5	0.1	99	0.45	0.122



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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
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1
WHT-45209	Soil	28	43	0.92	433	0.101	<1	1.84	0.018	0.48	<0.1	0.03	5.0	0.2	<0.05	6
WHT-45212	Soil	14	40	0.47	518	0.042	<1	1.32	0.008	0.17	<0.1	0.02	5.2	0.1	<0.05	4
WHT-45213	Soil	14	41	0.66	674	0.090	<1	1.70	0.016	0.37	0.1	<0.01	4.9	0.1	<0.05	5
WHT-45214	Soil	12	57	0.93	476	0.114	<1	1.80	0.018	0.51	0.1	<0.01	3.3	0.2	<0.05	5
WHT-45215	Soil	18	60	0.85	727	0.109	<1	1.50	0.016	0.43	<0.1	0.03	5.0	0.3	<0.05	6
WHT-45216	Soil	17	47	1.12	416	0.071	<1	1.80	0.024	0.24	0.1	0.08	4.3	0.2	<0.05	5
WHT-45217	Soil	10	69	2.10	930	0.169	<1	2.70	0.017	0.99	0.1	0.04	4.6	0.2	<0.05	9
WHT-45218	Soil	19	87	1.51	1075	0.145	<1	2.26	0.017	0.82	0.1	0.05	7.6	0.5	<0.05	8
WHT-47512	Soil	15	28	0.58	387	0.136	<1	2.05	0.013	0.51	0.1	<0.01	4.1	0.3	<0.05	8
WHT-47513	Soil	16	24	0.45	770	0.070	<1	1.65	0.011	0.34	<0.1	0.01	4.9	0.2	<0.05	7
WHT-47514	Soil	8	52	1.15	346	0.145	<1	2.26	0.020	0.33	<0.1	0.01	6.2	<0.1	<0.05	7
WHT-47515	Soil	6	55	0.77	317	0.090	<1	2.00	0.016	0.06	<0.1	<0.01	2.9	<0.1	<0.05	6
WHT-47516	Soil	5	26	0.37	134	0.098	<1	1.04	0.013	0.05	<0.1	0.01	1.8	<0.1	<0.05	7
WHT-47517	Soil	5	67	1.44	393	0.086	<1	2.19	0.018	0.16	<0.1	0.03	7.5	<0.1	<0.05	6
WHT-47518	Soil	21	84	1.30	622	0.090	<1	2.20	0.014	0.36	0.1	0.02	7.2	0.3	<0.05	7
WHT-47519	Soil	12	67	1.09	490	0.100	<1	1.73	0.016	0.25	<0.1	0.02	6.1	0.1	<0.05	7
WHT-47521	Soil	11	87	1.17	632	0.091	<1	1.78	0.015	0.21	0.1	0.02	5.9	0.2	<0.05	7
WHT-47522	Soil	11	99	1.41	524	0.044	2	1.83	0.013	0.15	<0.1	0.03	9.9	<0.1	<0.05	5
WHT-47536	Soil	29	70	1.38	604	0.142	<1	2.07	0.022	1.06	<0.1	0.01	5.0	0.7	0.39	8
WHT-47537	Soil	17	77	0.97	929	0.095	1	1.83	0.016	0.34	0.1	0.04	6.3	0.2	<0.05	6
WHT-47538	Soil	11	41	0.51	429	0.079	1	1.43	0.012	0.16	0.1	0.03	3.5	0.2	<0.05	6
WHT-47539	Soil	10	29	0.36	338	0.059	1	1.24	0.014	0.14	<0.1	0.02	2.9	0.1	<0.05	6
WHT-47540	Soil	12	48	0.61	486	0.078	3	1.64	0.016	0.28	<0.1	0.02	3.7	0.2	<0.05	6
WHT-47541	Soil	19	61	1.02	971	0.116	<1	2.07	0.019	0.65	<0.1	0.02	3.6	0.4	0.16	7
WHT-47542	Soil	17	44	0.87	276	0.077	<1	2.17	0.013	0.39	0.1	0.01	3.5	0.4	0.11	6
WHT-47543	Soil	9	36	0.41	220	0.063	<1	2.34	0.009	0.05	<0.1	0.02	3.1	0.1	<0.05	7
WHT-47544	Soil	17	31	0.58	199	0.090	<1	1.65	0.016	0.33	0.1	<0.01	3.1	0.3	<0.05	6
WHT-47545	Soil	12	64	0.91	514	0.099	<1	2.10	0.012	0.43	<0.1	<0.01	4.6	0.3	<0.05	7
WHT-47546	Soil	17	40	0.48	857	0.036	<1	1.90	0.009	0.14	<0.1	0.01	5.8	0.2	<0.05	6
WHT-47547	Soil	25	49	0.89	700	0.136	<1	2.05	0.012	0.68	<0.1	0.01	6.0	0.3	<0.05	7



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Project: WHT
Report Date: August 25, 2009

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
WHT-47548	Soil	1.4	41.0	9.0	87	0.2	42.0	14.9	562	3.51	6.4	1.0	2.3	4.1	32	0.2	0.8	0.1	76	0.54	0.101
WHT-47549	Soil	1.4	41.1	7.5	87	0.3	27.8	14.1	628	3.32	5.4	0.8	1.3	3.6	32	0.3	0.8	0.1	73	0.49	0.079
WHT-47550	Soil	1.7	60.6	7.8	161	0.3	53.0	15.9	728	3.72	9.7	1.2	<0.5	2.9	46	0.7	0.7	0.1	80	0.68	0.102
WHT-47551	Soil	1.8	31.4	7.4	76	0.2	28.1	11.1	525	2.93	9.9	0.7	1.6	2.9	38	0.2	0.8	0.1	59	0.52	0.069
WHT-47552	Soil	1.2	31.5	6.8	71	0.2	27.7	12.1	650	2.81	6.5	0.6	1.6	2.9	38	0.3	0.5	0.1	60	0.57	0.083
WHT-47553	Soil	1.8	63.6	10.6	199	0.3	52.3	17.8	705	3.24	14.4	1.1	2.1	3.3	46	1.5	1.2	0.2	71	0.55	0.065
WHT-47554	Soil	1.4	39.1	6.7	138	0.1	36.3	14.4	520	3.32	6.5	0.7	<0.5	3.9	35	0.6	0.5	0.1	68	0.50	0.068
WHT-47555	Soil	1.6	47.5	6.8	113	0.1	41.7	13.6	344	3.30	10.6	1.0	0.9	4.5	36	0.5	0.6	0.1	74	0.51	0.075
WHT-47558	Soil	0.6	44.1	1.9	27	0.1	17.2	2.0	114	0.87	0.7	1.3	2.0	0.3	17	0.9	0.3	<0.1	9	0.33	0.091
WHT-47559	Soil	3.6	85.7	5.8	105	0.7	37.0	7.9	169	2.09	38.9	2.5	10.7	1.3	44	1.6	1.3	<0.1	50	0.47	0.106
WHT-47560	Soil	2.4	85.3	5.5	163	0.4	129.1	21.4	588	4.42	14.0	1.0	6.1	2.9	31	1.2	1.1	<0.1	88	0.81	0.164
WHT-47561	Soil	3.0	124.8	5.9	543	0.2	305.2	38.7	1377	6.36	29.6	1.9	16.4	3.1	37	9.7	2.4	0.1	108	1.04	0.240
WHT-47562	Soil	3.5	74.3	7.1	237	0.3	85.2	14.6	393	4.04	17.9	1.6	7.1	3.0	26	1.4	1.6	<0.1	98	0.22	0.115
WHT-47563	Soil	4.9	85.7	8.2	441	0.2	185.4	26.2	1082	5.25	153.0	1.9	4.7	4.9	31	1.8	6.0	0.2	82	0.33	0.167
WHT-47564	Soil	2.6	45.3	5.9	134	0.1	49.6	13.9	516	3.52	63.2	0.8	56.9	2.8	25	0.6	2.2	0.1	77	0.28	0.112
WHT-47565	Soil	1.0	20.3	6.4	62	0.2	27.1	11.7	833	2.74	10.8	0.6	2.2	2.3	30	0.4	0.6	<0.1	67	0.39	0.056
WHT-47566	Soil	0.8	29.4	6.4	63	<0.1	32.7	11.4	239	2.91	9.1	0.6	5.8	3.4	19	0.1	0.6	0.1	67	0.22	0.045
WHT-47567	Soil	1.9	28.9	6.2	98	0.3	51.1	10.7	298	3.19	7.8	0.6	2.6	1.5	13	0.4	0.5	0.1	87	0.14	0.069
WHT-47568	Soil	2.4	39.9	9.5	87	0.3	36.3	12.5	742	3.40	7.8	1.2	14.0	3.7	17	0.1	0.6	0.2	75	0.20	0.050
WHT-47569	Soil	2.2	37.6	9.3	77	0.5	33.2	11.3	703	3.47	21.0	1.5	65.0	3.8	20	0.1	0.6	0.2	72	0.23	0.047
WHT-47570	Soil	2.9	37.6	8.1	81	0.1	33.3	13.6	758	3.44	5.5	1.2	8.4	5.4	15	0.1	0.6	0.2	54	0.15	0.052
WHT-47571	Soil	2.1	60.5	12.0	81	0.1	26.5	10.7	617	3.56	4.1	2.1	8.9	6.2	25	0.2	0.5	0.2	46	0.18	0.080
WHT-47572	Soil	3.0	45.4	10.2	163	0.2	52.6	13.0	404	3.35	15.4	1.1	16.0	3.2	23	0.7	0.4	0.1	72	0.17	0.057
WHT-47573	Soil	1.5	48.0	7.5	117	0.3	44.0	13.8	321	3.60	5.0	1.6	5.9	4.4	20	0.3	0.4	0.2	63	0.16	0.070
WHT-47574	Soil	0.8	31.4	5.6	98	0.1	33.6	13.2	305	3.26	2.9	1.3	3.6	4.7	17	0.2	0.3	0.2	68	0.14	0.067
WHT-47575	Soil	1.7	56.2	7.3	112	0.2	23.2	6.2	180	3.46	2.8	1.4	1.5	6.2	19	0.2	0.6	0.2	70	0.05	0.069
WHT-47576	Soil	2.3	81.2	8.6	118	0.2	22.1	4.4	159	3.15	2.3	1.2	0.6	5.2	20	0.3	0.5	0.3	69	0.05	0.069
WHT-47577	Soil	0.8	45.7	4.7	102	0.2	12.9	4.8	139	3.57	1.2	1.8	2.7	10.3	24	0.2	0.2	0.2	63	0.11	0.058
WHT-47578	Soil	3.4	82.0	10.5	194	<0.1	62.2	15.2	403	4.51	1.4	1.7	7.7	4.5	31	0.5	0.5	0.2	122	0.24	0.059
WHT-47579	Soil	1.5	63.2	5.5	101	<0.1	28.0	6.1	88	2.66	1.5	2.5	3.2	5.9	16	0.2	0.3	0.2	45	0.06	0.038



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
WHT-47548	Soil	16	49	0.72	556	0.099	<1	2.02	0.013	0.26	0.2	0.01	5.8	0.1	<0.05	6	<0.5
WHT-47549	Soil	14	44	0.61	550	0.084	1	1.84	0.015	0.23	0.1	0.02	5.9	0.1	<0.05	5	0.5
WHT-47550	Soil	14	65	0.81	609	0.084	5	1.93	0.017	0.30	0.1	0.03	6.5	0.2	<0.05	6	1.2
WHT-47551	Soil	12	37	0.54	439	0.070	2	1.68	0.018	0.17	0.1	0.02	5.0	0.1	<0.05	5	0.6
WHT-47552	Soil	12	35	0.51	437	0.074	<1	1.59	0.016	0.20	0.1	0.02	4.8	0.1	<0.05	5	<0.5
WHT-47553	Soil	14	38	0.50	4979	0.056	<1	1.85	0.014	0.18	0.2	0.04	5.7	0.1	<0.05	6	0.8
WHT-47554	Soil	18	41	0.61	569	0.078	2	1.73	0.017	0.30	0.1	<0.01	4.9	0.1	<0.05	5	0.6
WHT-47555	Soil	20	41	0.62	491	0.082	3	1.66	0.017	0.27	0.1	0.02	4.9	0.1	<0.05	5	0.7
WHT-47558	Soil	8	10	0.06	470	0.013	3	0.39	0.015	0.05	<0.1	0.07	1.5	<0.1	0.07	<1	1.2
WHT-47559	Soil	10	28	0.39	949	0.049	1	1.08	0.017	0.10	0.2	0.19	3.4	0.1	<0.05	3	2.4
WHT-47560	Soil	13	134	1.52	770	0.128	<1	2.24	0.011	0.78	0.1	0.07	5.2	0.4	<0.05	8	1.9
WHT-47561	Soil	20	170	1.75	1318	0.127	<1	2.54	0.011	0.76	0.1	0.09	8.1	0.6	<0.05	8	1.6
WHT-47562	Soil	14	74	1.05	794	0.118	<1	2.02	0.013	0.47	0.1	0.05	4.8	0.4	<0.05	7	2.2
WHT-47563	Soil	23	64	0.84	580	0.088	<1	1.67	0.009	0.72	0.1	0.05	5.6	0.4	<0.05	5	1.5
WHT-47564	Soil	12	42	0.61	425	0.063	1	1.30	0.010	0.23	0.2	0.01	4.7	0.2	<0.05	5	1.0
WHT-47565	Soil	9	35	0.51	729	0.064	<1	1.64	0.014	0.08	0.1	0.03	3.5	<0.1	<0.05	5	<0.5
WHT-47566	Soil	11	35	0.54	247	0.078	<1	1.69	0.011	0.09	0.1	0.02	3.1	<0.1	<0.05	5	<0.5
WHT-47567	Soil	8	55	0.55	233	0.083	<1	1.53	0.010	0.13	0.1	0.02	2.6	0.1	<0.05	6	<0.5
WHT-47568	Soil	16	58	0.86	390	0.090	<1	1.76	0.010	0.23	0.1	0.03	4.4	0.2	<0.05	7	<0.5
WHT-47569	Soil	17	52	0.71	541	0.076	<1	1.99	0.011	0.22	0.2	0.07	4.4	0.3	<0.05	8	<0.5
WHT-47570	Soil	20	33	0.53	241	0.055	<1	1.54	0.007	0.19	0.1	0.02	3.6	0.2	<0.05	5	<0.5
WHT-47571	Soil	24	26	0.62	270	0.061	<1	1.29	0.019	0.43	<0.1	0.02	3.2	0.5	0.14	4	0.6
WHT-47572	Soil	11	39	0.46	478	0.027	<1	1.38	0.007	0.17	<0.1	0.03	4.2	0.2	<0.05	5	1.2
WHT-47573	Soil	18	47	0.76	241	0.076	<1	1.78	0.011	0.34	<0.1	0.02	3.4	0.3	0.08	6	1.1
WHT-47574	Soil	21	65	1.15	252	0.148	<1	1.98	0.015	0.77	<0.1	0.01	3.1	0.5	0.06	6	0.6
WHT-47575	Soil	27	51	0.99	228	0.114	<1	1.91	0.011	0.62	<0.1	<0.01	3.0	0.6	0.13	5	1.2
WHT-47576	Soil	22	44	0.85	255	0.099	<1	1.66	0.015	0.46	<0.1	<0.01	2.8	0.5	0.19	5	2.1
WHT-47577	Soil	41	57	1.23	265	0.136	<1	2.01	0.012	0.83	<0.1	<0.01	4.2	0.7	0.26	6	1.7
WHT-47578	Soil	29	76	1.02	1188	0.123	2	2.02	0.008	0.40	<0.1	0.01	6.0	0.4	<0.05	7	1.3
WHT-47579	Soil	17	26	0.46	496	0.078	<1	0.92	0.006	0.50	<0.1	<0.01	3.7	0.4	0.05	3	0.9



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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	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
WHT-47580	Soil	2.3	45.6	7.9	96	0.1	29.7	7.4	157	2.90	3.2	1.1	1.9	2.6	17	0.2	0.5	0.2	68	0.06	0.058
WHT-47581	Soil	2.4	56.3	7.3	139	0.1	54.9	12.7	410	3.49	2.9	1.4	3.3	3.2	23	0.4	0.4	0.2	80	0.21	0.065
WHT-47582	Soil	2.6	28.4	7.8	89	0.2	33.7	11.9	554	3.08	6.9	0.8	2.9	1.5	11	0.4	0.5	0.2	73	0.08	0.061
WHT-47583	Soil	4.5	33.8	10.8	128	0.2	48.7	11.2	326	3.54	7.9	0.9	4.6	2.1	20	0.3	0.7	0.2	92	0.17	0.073
WHT-47584	Soil	4.2	30.0	12.1	95	0.3	38.2	6.9	189	2.90	8.5	0.9	5.7	2.2	20	0.3	0.5	0.2	98	0.20	0.060
WHT-47585	Soil	14.2	20.2	10.3	76	0.2	43.5	9.5	280	2.76	17.8	0.8	76.1	2.0	21	0.2	0.8	0.2	89	0.20	0.088
WHT-47586	Soil	2.3	23.9	8.0	92	0.2	129.1	32.6	1031	2.67	8.8	0.9	6.2	1.8	26	0.5	0.3	0.2	77	0.45	0.073
WHT-47587	Soil	0.8	39.6	11.0	84	0.2	536.0	33.0	589	2.98	5.1	1.1	14.6	2.8	29	0.5	0.4	0.2	59	0.40	0.065
WHT-47588	Soil	1.1	34.1	13.7	89	0.3	612.3	39.8	515	3.27	9.1	0.9	7.7	2.1	32	0.4	2.1	0.2	69	0.62	0.046
WHT-47589	Soil	0.7	41.1	10.2	83	0.2	747.1	49.0	648	3.84	8.6	0.6	11.5	2.2	36	0.3	0.5	0.1	75	0.73	0.061
WHT-47590	Soil	0.6	21.8	6.0	52	<0.1	460.3	31.6	331	2.49	5.6	0.5	2.8	2.2	35	<0.1	0.3	0.1	52	0.43	0.039
WHT-47591	Soil	2.1	29.8	10.2	74	0.3	394.7	25.6	709	3.53	5.1	1.0	12.1	4.7	23	0.2	0.4	0.2	55	0.37	0.056
WHT-47592	Soil	1.8	32.2	9.0	91	0.2	155.4	18.1	574	3.77	5.7	0.9	2.7	3.7	30	0.3	0.6	0.2	64	0.47	0.093
WHT-47593	Soil	2.1	38.3	8.6	116	0.3	204.0	27.4	997	4.21	10.9	1.3	4.9	3.1	38	0.6	0.7	0.2	83	0.63	0.087
WHT-47598	Soil	2.2	31.6	8.4	78	0.7	20.4	8.7	291	2.89	7.2	0.9	0.8	3.4	32	0.4	0.4	0.2	92	0.30	0.072
WHT-47599	Soil	1.4	33.7	8.2	52	0.2	17.2	7.4	474	2.49	5.6	1.1	8.5	3.0	26	<0.1	0.4	0.1	70	0.21	0.040
WHT-47600	Soil	3.6	41.8	7.3	40	0.3	15.1	4.8	117	2.61	9.5	1.0	0.8	3.8	14	<0.1	0.8	0.2	62	0.10	0.022
WHT-47601	Soil	2.2	58.2	6.6	66	0.4	23.3	6.8	214	2.73	8.0	1.7	2.5	5.0	19	0.1	1.2	0.2	67	0.17	0.026
WHT-47602	Soil	2.0	68.2	11.2	100	0.2	53.2	13.2	577	2.68	39.2	1.8	7.3	6.9	28	0.6	2.7	0.3	55	0.19	0.038
WHT-47603	Soil	0.8	50.5	8.1	78	0.2	42.4	12.5	419	2.77	13.4	0.8	4.1	3.3	32	0.2	0.8	0.2	68	0.56	0.072
WHT-47604	Soil	1.7	41.8	8.7	127	0.3	35.0	7.5	190	3.13	6.3	1.1	<0.5	4.7	20	0.4	0.4	0.2	85	0.28	0.069
WHT-47605	Soil	1.1	57.9	7.3	124	<0.1	76.1	14.7	347	3.43	6.1	1.4	4.7	5.6	23	0.4	0.5	0.1	87	0.44	0.094
WHT-47606	Soil	0.6	70.4	8.9	154	0.2	73.2	24.0	888	4.48	7.3	1.1	9.2	3.4	68	1.2	1.3	0.1	111	3.07	0.133
WHT-47607	Soil	1.2	58.3	5.2	133	0.2	144.3	18.4	459	2.80	2.3	1.3	1.9	4.3	26	0.3	0.2	0.1	76	0.59	0.083
WHT-47618	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.	I.S.	
WHT-47619	Soil	0.5	90.1	3.2	33	0.1	17.4	8.7	114	1.24	1.3	0.3	2.2	0.3	22	0.1	0.1	<0.1	33	0.45	0.052
WHT-47620	Soil	0.6	184.6	3.7	77	<0.1	24.7	18.0	382	2.97	3.2	0.5	3.7	1.1	25	<0.1	0.2	<0.1	112	0.51	0.091
WHT-47621	Soil	0.6	53.8	9.6	64	<0.1	24.2	13.1	303	3.03	5.2	0.6	4.8	3.0	20	<0.1	0.3	0.2	102	0.37	0.054
WHT-47626	Soil	0.5	158.9	5.0	70	<0.1	16.4	13.7	250	2.37	2.9	0.5	3.1	1.0	20	0.1	0.4	0.1	89	0.33	0.065
WHT-47628	Soil	0.7	77.0	4.5	58	<0.1	16.3	20.2	456	2.61	2.9	0.2	2.6	1.1	12	<0.1	0.2	0.1	104	0.18	0.031



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
WHT-47580	Soil	11	32	0.41	481	0.070	2	1.14	0.007	0.34	<0.1	<0.01	2.7	0.3	<0.05	4	0.9
WHT-47581	Soil	13	49	0.77	1146	0.093	2	1.63	0.009	0.46	<0.1	0.02	4.9	0.4	<0.05	5	0.9
WHT-47582	Soil	7	33	0.41	406	0.059	5	1.39	0.010	0.20	0.1	0.05	3.9	0.2	<0.05	5	0.7
WHT-47583	Soil	10	48	0.51	529	0.048	4	1.29	0.011	0.21	0.1	0.05	4.9	0.3	<0.05	5	0.6
WHT-47584	Soil	11	55	0.57	574	0.070	3	1.41	0.009	0.17	0.1	0.05	3.5	0.2	<0.05	6	<0.5
WHT-47585	Soil	9	31	0.25	251	0.014	2	0.77	0.007	0.07	0.2	0.02	1.9	0.1	<0.05	3	0.8
WHT-47586	Soil	10	68	0.80	368	0.062	1	1.15	0.012	0.06	0.2	0.03	2.7	0.1	<0.05	4	<0.5
WHT-47587	Soil	13	302	2.46	575	0.068	2	1.62	0.010	0.20	<0.1	0.03	5.1	0.3	<0.05	5	0.6
WHT-47588	Soil	10	324	2.92	556	0.049	3	1.62	0.011	0.12	<0.1	0.04	6.4	0.3	<0.05	5	0.7
WHT-47589	Soil	8	535	5.06	543	0.052	2	2.04	0.009	0.13	<0.1	0.05	8.4	0.3	<0.05	5	0.7
WHT-47590	Soil	9	159	2.39	258	0.063	2	1.59	0.015	0.07	0.1	0.01	3.3	0.1	<0.05	4	<0.5
WHT-47591	Soil	13	120	1.42	445	0.040	3	1.39	0.013	0.14	0.1	0.04	7.8	0.2	<0.05	4	0.7
WHT-47592	Soil	14	65	0.77	517	0.035	2	1.21	0.010	0.16	<0.1	0.03	6.8	0.2	<0.05	4	0.8
WHT-47593	Soil	15	100	1.31	745	0.068	5	1.54	0.012	0.23	0.1	0.03	7.6	0.4	<0.05	6	1.0
WHT-47598	Soil	12	41	0.61	552	0.071	2	1.88	0.009	0.15	0.1	0.01	3.0	0.2	<0.05	6	1.6
WHT-47599	Soil	12	38	0.46	374	0.069	<1	1.70	0.010	0.08	<0.1	<0.01	3.4	<0.1	0.06	6	0.6
WHT-47600	Soil	8	27	0.31	222	0.050	<1	1.19	0.006	0.05	<0.1	0.01	2.1	0.1	<0.05	4	1.2
WHT-47601	Soil	13	32	0.41	373	0.058	1	1.14	0.009	0.09	<0.1	0.03	5.0	0.3	<0.05	3	1.0
WHT-47602	Soil	23	56	0.38	741	0.022	4	1.28	0.007	0.08	0.1	0.03	5.3	0.1	<0.05	4	1.8
WHT-47603	Soil	15	39	0.63	573	0.068	3	1.29	0.027	0.08	0.2	0.04	4.5	0.1	<0.05	4	0.5
WHT-47604	Soil	19	50	0.80	337	0.117	<1	1.78	0.009	0.48	0.1	0.01	3.4	0.4	0.06	6	1.1
WHT-47605	Soil	21	77	0.96	493	0.134	<1	1.87	0.013	0.46	0.1	<0.01	5.5	0.4	<0.05	5	0.9
WHT-47606	Soil	18	55	0.86	706	0.080	1	1.55	0.014	0.17	0.1	0.12	10.6	0.3	<0.05	6	0.9
WHT-47607	Soil	23	141	1.40	676	0.093	2	1.82	0.014	0.25	<0.1	0.02	5.0	0.2	0.06	6	1.0
WHT-47618	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.
WHT-47619	Soil	4	40	0.46	126	0.036	<1	0.97	0.017	0.04	<0.1	0.03	2.7	<0.1	<0.05	4	<0.5
WHT-47620	Soil	7	29	1.10	498	0.153	1	1.68	0.025	0.19	0.1	0.03	3.5	0.1	<0.05	6	<0.5
WHT-47621	Soil	9	35	0.97	280	0.138	1	1.83	0.017	0.14	0.1	0.01	3.3	0.1	<0.05	7	<0.5
WHT-47626	Soil	6	27	0.89	313	0.115	<1	1.50	0.018	0.06	0.1	0.06	3.8	0.1	<0.05	6	<0.5
WHT-47628	Soil	5	33	0.89	213	0.127	<1	1.52	0.016	0.08	0.1	<0.01	3.0	<0.1	<0.05	8	<0.5



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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
WHT-47829	Soil		3.9	85.3	11.1	165	0.5	69.7	17.7	946	3.82	7.9	1.2	8.2	4.7	31	0.7	0.9	0.2	86	0.43	0.069		
WHT-47830	Soil		4.0	89.0	9.8	99	0.9	67.5	11.5	416	2.54	9.0	3.0	13.5	2.2	55	1.1	1.2	0.2	54	1.00	0.090		
WHT-47831	Soil		1.0	23.9	5.5	42	0.2	12.2	3.6	85	1.83	4.2	1.0	3.3	0.5	16	0.2	0.3	0.1	29	0.18	0.057		
WHT-47832	Soil		1.4	25.8	4.8	38	0.2	11.0	2.7	74	1.78	6.7	0.9	1.6	0.4	16	0.2	0.3	<0.1	30	0.19	0.066		
WHT-47833	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.	I.S.	I.S.		
WHT-47834	Soil		1.0	31.1	4.1	35	0.3	14.6	2.6	57	1.05	2.8	1.0	<0.5	0.4	16	0.3	0.4	0.1	18	0.17	0.048		
WHT-47835	Soil		1.6	34.1	7.2	82	0.2	27.1	6.5	122	1.85	3.9	0.9	<0.5	0.8	14	0.4	0.3	0.2	54	0.12	0.035		
WHT-47836	Soil		2.3	42.4	8.7	117	0.3	41.9	12.9	324	3.93	7.2	0.9	<0.5	3.7	24	0.3	1.7	0.2	87	0.23	0.080		
WHT-47837	Soil		3.1	45.1	8.7	125	0.2	30.8	9.6	416	2.95	13.3	1.6	<0.5	4.4	26	0.6	0.9	0.2	82	0.24	0.098		
WHT-47838	Soil		2.3	56.5	7.3	91	0.3	27.3	9.1	324	3.26	5.0	1.7	1.9	5.3	28	0.2	0.3	0.2	92	0.28	0.065		
WHT-47839	Soil		1.3	60.6	1.7	114	0.3	57.3	29.8	812	7.64	2.7	0.6	4.7	0.7	30	0.6	0.1	<0.1	180	1.07	0.248		
WHT-47840	Soil		1.3	74.4	2.7	309	0.2	54.3	14.5	195	2.76	1.5	1.0	<0.5	1.1	14	1.1	0.1	<0.1	83	0.32	0.053		
WHT-47841	Soil		1.1	53.0	2.6	104	0.2	63.3	11.9	164	3.18	0.8	1.1	<0.5	3.6	26	0.3	<0.1	<0.1	79	0.56	0.175		
WHT-47842	Soil		2.7	71.7	6.9	284	1.5	72.6	19.4	708	2.53	10.3	1.9	4.5	0.5	42	2.7	1.3	0.2	61	0.86	0.124		
WHT-47843	Soil		2.2	50.8	7.7	126	0.2	47.2	9.7	328	2.95	16.6	1.4	3.0	3.8	26	0.5	0.7	0.3	80	0.37	0.097		
WHT-47844	Soil		3.2	57.7	10.6	84	0.5	24.3	8.3	338	3.03	7.3	1.6	5.3	3.9	20	0.3	0.8	0.2	65	0.19	0.043		
WHT-47845	Soil		1.5	46.4	7.9	89	0.2	31.4	10.2	391	2.67	17.1	1.2	4.4	4.3	19	0.2	0.8	0.2	57	0.20	0.046		
WHT-47846	Soil		1.8	47.1	9.3	85	0.4	26.8	10.1	372	2.53	7.0	1.2	6.5	3.3	19	0.2	0.6	0.1	55	0.18	0.056		
WHT-47847	Soil		2.0	65.3	8.2	119	0.2	37.4	11.0	356	3.22	5.7	1.7	3.5	3.7	22	0.2	0.6	0.1	81	0.19	0.058		
WHT-47848	Soil		2.0	47.3	6.4	96	0.2	34.1	13.6	323	3.24	6.0	1.5	4.5	2.2	21	0.1	0.5	0.1	90	0.22	0.083		
WHT-47849	Soil		2.0	44.0	8.7	93	0.1	30.2	14.1	445	3.41	11.4	1.4	4.7	2.8	18	0.1	0.4	0.1	104	0.17	0.039		
WHT-47850	Soil		2.2	49.1	4.7	155	0.1	32.3	22.1	945	4.47	4.1	1.6	0.6	2.4	17	0.3	0.6	<0.1	153	0.23	0.054		
WHT-47851	Soil		2.3	38.8	5.9	104	0.3	22.1	17.1	853	3.92	4.9	1.2	1.5	2.5	28	0.2	0.4	<0.1	147	0.21	0.051		
WHT-47852	Soil		2.2	46.7	7.6	112	0.3	30.1	25.9	1642	3.87	6.1	1.3	2.4	2.9	21	0.2	0.4	0.1	113	0.20	0.065		
WHT-47853	Soil		1.9	36.7	7.0	119	0.3	23.5	18.9	872	3.81	3.8	1.4	1.0	3.2	25	0.2	0.3	0.1	129	0.19	0.056		
WHT-47854	Soil		1.1	20.7	10.0	89	<0.1	25.2	11.5	423	3.33	6.2	0.7	9.5	4.2	22	0.1	0.4	<0.1	71	0.37	0.087		
WHT-47855	Soil		1.0	19.4	6.4	79	<0.1	24.3	11.5	422	3.32	7.3	0.5	1.3	3.0	21	<0.1	0.3	0.1	55	0.35	0.083		
WHT-47856	Soil		0.7	13.6	7.0	69	<0.1	16.0	8.6	314	3.03	6.3	0.8	4.5	3.3	16	<0.1	0.3	0.1	55	0.26	0.044		
WHT-47857	Soil		0.6	18.7	4.9	46	<0.1	19.0	19.5	343	2.63	4.1	0.4	<0.5	1.8	16	<0.1	0.2	<0.1	79	0.39	0.035		
WHT-47858	Soil		0.4	34.9	2.9	36	<0.1	31.0	13.2	220	2.19	3.1	0.2	<0.5	1.5	9	<0.1	0.2	<0.1	58	0.30	0.041		



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
WHT-47829	Soil	17	39	0.62	559	0.060	2	1.25	0.018	0.22	0.2	0.06	6.0	0.4	<0.05	4	1.8
WHT-47830	Soil	18	42	0.55	841	0.046	<1	1.23	0.018	0.21	0.2	0.11	3.9	0.2	0.11	4	2.9
WHT-47831	Soil	8	21	0.23	155	0.035	<1	0.78	0.020	0.07	0.1	0.05	1.4	0.1	0.09	3	0.7
WHT-47832	Soil	6	20	0.20	192	0.033	<1	0.73	0.021	0.06	<0.1	0.05	1.2	<0.1	0.13	3	0.9
WHT-47833	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.
WHT-47834	Soil	7	21	0.19	239	0.038	<1	0.65	0.015	0.12	<0.1	0.06	1.4	0.1	0.09	3	0.8
WHT-47835	Soil	11	30	0.37	232	0.066	<1	1.25	0.013	0.14	<0.1	0.03	1.8	0.2	<0.05	6	<0.5
WHT-47836	Soil	13	46	0.59	410	0.065	<1	1.81	0.009	0.17	<0.1	0.03	2.9	0.3	<0.05	5	0.8
WHT-47837	Soil	15	37	0.61	566	0.099	<1	1.62	0.008	0.33	<0.1	<0.01	2.7	0.4	<0.05	5	2.1
WHT-47838	Soil	15	52	0.90	724	0.130	<1	1.83	0.024	0.63	<0.1	0.01	4.7	0.3	0.18	6	1.5
WHT-47839	Soil	5	127	2.38	2388	0.183	<1	3.81	0.008	1.68	<0.1	0.01	8.6	0.3	<0.05	10	1.3
WHT-47840	Soil	8	40	0.61	467	0.074	<1	1.24	0.011	0.08	<0.1	<0.01	4.8	0.2	<0.05	4	1.4
WHT-47841	Soil	15	107	1.18	454	0.122	<1	1.80	0.015	0.65	<0.1	<0.01	3.3	0.4	0.08	5	0.7
WHT-47842	Soil	12	41	0.31	932	0.023	2	1.40	0.014	0.10	0.1	0.13	3.6	0.3	<0.05	5	1.2
WHT-47843	Soil	14	57	0.66	1110	0.070	<1	1.32	0.009	0.34	0.1	0.02	3.2	0.3	<0.05	5	1.0
WHT-47844	Soil	13	35	0.52	634	0.073	<1	1.30	0.014	0.25	<0.1	0.03	3.0	0.3	0.14	5	1.8
WHT-47845	Soil	13	32	0.45	441	0.076	<1	1.34	0.011	0.13	0.1	0.03	3.5	0.2	<0.05	4	0.7
WHT-47846	Soil	13	32	0.56	352	0.081	<1	1.47	0.011	0.18	0.1	0.03	2.7	0.2	<0.05	5	0.9
WHT-47847	Soil	16	48	0.91	876	0.098	<1	1.85	0.011	0.33	<0.1	0.02	4.3	0.3	0.07	6	1.4
WHT-47848	Soil	10	49	0.92	277	0.100	<1	2.14	0.012	0.20	<0.1	0.02	4.5	0.2	<0.05	6	0.9
WHT-47849	Soil	10	53	0.75	249	0.084	<1	1.88	0.009	0.11	<0.1	0.01	5.1	0.2	<0.05	6	0.6
WHT-47850	Soil	7	113	0.99	334	0.072	<1	1.59	0.007	0.26	<0.1	0.02	7.8	0.2	<0.05	6	0.8
WHT-47851	Soil	9	44	1.62	423	0.101	<1	2.78	0.012	0.70	<0.1	0.02	5.7	0.3	0.12	7	1.1
WHT-47852	Soil	12	43	1.04	325	0.090	<1	2.19	0.011	0.44	<0.1	0.01	5.0	0.3	<0.05	7	0.5
WHT-47853	Soil	11	28	1.22	486	0.103	<1	2.54	0.015	0.56	<0.1	0.02	5.1	0.3	0.08	7	0.8
WHT-47854	Soil	14	40	0.68	393	0.110	<1	1.75	0.011	0.28	0.1	0.02	3.7	0.2	<0.05	6	0.5
WHT-47855	Soil	8	29	0.64	338	0.123	<1	1.77	0.009	0.36	0.1	0.01	3.2	0.2	<0.05	6	<0.5
WHT-47856	Soil	13	24	0.52	372	0.088	<1	1.78	0.010	0.22	<0.1	0.04	3.7	0.2	<0.05	7	<0.5
WHT-47857	Soil	6	138	1.04	370	0.105	<1	1.77	0.013	0.09	<0.1	<0.01	4.1	0.1	<0.05	5	<0.5
WHT-47858	Soil	3	135	0.79	223	0.097	<1	1.34	0.010	0.14	0.1	<0.01	3.2	0.1	<0.05	4	<0.5



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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
WHT-47859	Soil																							
WHT-47860	Soil																							
WHT-47861	Soil																							
WHT-47862	Soil																							
WHT-47863	Soil																							
WHT-47864	Soil																							
WHT-47865	Soil																							
WHT-47866	Soil																							
WHT-47867	Soil																							
WHT-47868	Soil																							
WHT-47869	Soil																							
WHT-47870	Soil																							
WHT-47871	Soil																							
WHT-47872	Soil																							
WHT-47873	Soil																							
WHT-47874	Soil																							
WHT-47875	Soil																							
WHT-47877	Soil																							
WHT-47878	Soil																							
WHT-47879	Soil																							
WHT-47880	Soil																							
WHT-47881	Soil																							
WHT-47882	Soil																							
WHT-47883	Soil																							
WHT-47884	Soil																							
WHT-47888	Soil																							
WHT-47889	Soil																							
WHT-47890	Soil																							
WHT-47891	Soil																							
WHT-47892	Soil																							



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1
WHT-47859	Soil	19	16	0.23	490	0.009	<1	1.11	0.006	0.08	<0.1	0.04	5.3	0.1	<0.05	3
WHT-47860	Soil	13	28	0.37	258	0.036	<1	1.19	0.009	0.06	<0.1	0.02	3.4	<0.1	<0.05	4
WHT-47861	Soil	25	22	0.23	267	0.014	<1	0.87	0.008	0.06	<0.1	0.02	4.4	<0.1	<0.05	2
WHT-47862	Soil	14	69	1.11	1117	0.080	<1	2.00	0.015	0.37	<0.1	0.04	5.8	0.2	<0.05	8
WHT-47863	Soil	21	38	0.19	293	0.009	<1	0.89	0.006	0.10	0.2	0.03	5.7	<0.1	<0.05	2
WHT-47864	Soil	25	78	1.00	620	0.091	3	1.77	0.008	0.82	0.2	0.02	7.7	0.3	<0.05	6
WHT-47865	Soil	23	106	1.15	898	0.150	<1	1.84	0.014	0.84	0.1	0.01	5.5	0.4	<0.05	6
WHT-47866	Soil	24	90	1.08	964	0.150	1	2.14	0.013	0.65	0.1	<0.01	5.1	0.3	<0.05	7
WHT-47867	Soil	15	86	0.64	418	0.088	3	1.49	0.013	0.32	0.1	0.02	5.9	0.2	<0.05	5
WHT-47868	Soil	14	197	1.30	415	0.079	1	2.05	0.009	0.33	<0.1	<0.01	6.6	0.3	<0.05	6
WHT-47869	Soil	24	389	1.69	1457	0.172	<1	1.55	0.006	0.19	<0.1	<0.01	4.9	0.3	<0.05	7
WHT-47870	Soil	21	49	0.62	1109	0.071	<1	1.51	0.010	0.28	0.1	0.04	6.4	0.2	<0.05	5
WHT-47871	Soil	16	52	0.66	538	0.086	1	1.54	0.010	0.25	0.1	0.04	3.5	0.2	<0.05	6
WHT-47872	Soil	13	40	0.53	383	0.070	<1	1.38	0.012	0.09	<0.1	0.06	3.3	0.1	<0.05	5
WHT-47873	Soil	15	38	0.55	337	0.076	<1	1.22	0.018	0.08	0.2	0.04	4.2	<0.1	<0.05	4
WHT-47874	Soil	17	65	0.79	393	0.102	3	1.70	0.012	0.20	0.2	0.09	4.2	0.3	<0.05	6
WHT-47875	Soil	14	58	0.75	267	0.095	3	1.29	0.018	0.20	0.2	0.05	3.3	0.2	<0.05	5
WHT-47877	Soil	12	40	0.51	640	0.065	1	1.37	0.009	0.10	0.1	0.10	5.3	0.2	<0.05	5
WHT-47878	Soil	13	38	0.56	439	0.069	<1	1.47	0.008	0.11	<0.1	0.04	3.6	0.2	<0.05	6
WHT-47879	Soil	14	38	0.49	560	0.041	2	1.47	0.011	0.09	<0.1	0.04	5.0	0.2	<0.05	5
WHT-47880	Soil	14	31	0.38	407	0.034	3	1.17	0.008	0.20	<0.1	0.03	5.1	0.1	<0.05	3
WHT-47881	Soil	11	29	0.15	636	0.009	3	0.63	0.009	0.11	0.1	0.02	5.6	0.3	<0.05	2
WHT-47882	Soil	14	40	0.35	407	0.027	1	0.93	0.010	0.17	0.1	0.03	7.8	0.2	<0.05	3
WHT-47883	Soil	17	57	0.74	606	0.107	<1	1.55	0.014	0.36	<0.1	0.02	5.5	0.3	<0.05	5
WHT-47884	Soil	7	60	0.70	342	0.061	2	1.39	0.016	0.04	0.1	<0.01	3.0	<0.1	<0.05	5
WHT-47888	Soil	33	59	0.88	847	0.176	2	2.06	0.017	0.63	<0.1	0.01	4.5	0.5	0.14	6
WHT-47889	Soil	19	55	0.72	700	0.085	<1	1.79	0.012	0.33	<0.1	0.03	4.4	0.2	<0.05	6
WHT-47890	Soil	10	30	0.39	348	0.061	<1	1.52	0.013	0.07	0.1	0.02	2.9	0.1	<0.05	5
WHT-47891	Soil	10	38	0.46	396	0.070	1	1.90	0.013	0.07	0.1	0.03	3.2	0.1	<0.05	5
WHT-47892	Soil	17	76	0.80	322	0.060	<1	2.08	0.013	0.17	0.2	0.05	4.9	0.2	<0.05	7



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
WHT-47893	Soil	3.6	57.7	21.6	152	0.2	70.0	13.3	289	3.47	89.2	2.1	6.5	5.8	34	0.8	2.9	0.2	57	0.35
WHT-47894	Soil	3.8	101.8	6.1	234	0.2	64.7	19.0	633	5.84	9.3	2.6	4.8	7.1	37	1.1	0.4	<0.1	151	0.46
WHT-47895	Soil	10.0	121.6	5.3	485	0.5	147.9	20.3	899	6.11	11.7	4.1	1.2	5.5	39	1.3	0.3	<0.1	207	0.41
WHT-47896	Soil	0.4	26.2	4.6	36	<0.1	594.5	31.3	333	2.69	6.6	0.5	5.1	1.9	19	<0.1	0.2	<0.1	26	0.28
WHT-47897	Soil	0.3	30.2	78.8	35	0.3	702.0	37.5	342	2.86	4.4	0.6	2.2	2.8	26	<0.1	0.3	0.6	47	0.35
WHT-47898	Soil	4.5	39.9	18.7	79	0.5	26.3	7.9	298	2.11	25.3	0.9	30.5	0.8	18	0.2	1.2	0.2	53	0.18
WHT-47899	Soil	4.2	34.6	16.1	71	0.3	21.5	5.2	111	2.78	26.2	1.1	54.3	1.9	22	0.2	1.2	0.2	61	0.19
WHT-47901	Soil	3.4	80.7	21.4	81	0.4	64.8	11.0	321	2.94	8.9	1.7	77.1	4.7	61	0.3	2.2	0.2	49	1.97
WHT-47902	Soil	3.2	51.6	28.0	118	0.3	81.6	17.4	607	3.06	11.3	0.8	82.3	3.5	33	0.4	1.8	0.3	62	0.44
WHT-47903	Soil	1.5	79.8	8.1	57	0.5	46.7	12.0	513	2.37	7.1	1.1	18.0	2.2	147	0.2	0.9	0.1	42	9.62
WHT-47904	Soil	2.8	72.0	14.7	119	0.4	80.0	17.5	653	3.57	8.3	1.1	20.8	3.7	38	0.4	1.0	0.2	75	0.84
WHT-47905	Soil	1.1	23.2	8.2	51	<0.1	192.1	19.5	237	2.97	8.5	0.7	0.9	2.6	27	0.1	0.6	0.1	67	0.40
WHT-47906	Soil	0.3	30.5	18.8	55	0.1	957.2	50.2	580	2.85	3.5	0.5	3.5	1.9	31	0.1	0.2	0.2	59	0.56
WHT-47907	Soil	4.0	20.2	82.7	62	0.2	15.9	4.9	247	2.24	4.9	1.2	15.6	6.2	15	0.3	0.3	1.0	46	0.14
WHT-47908	Soil	2.3	56.4	17.5	177	<0.1	67.0	15.0	564	4.00	3.4	1.5	3.2	4.6	22	0.5	0.3	0.2	115	0.20
WHT-47909	Soil	1.0	21.7	33.7	64	0.2	22.7	8.5	356	2.40	6.6	0.5	9.4	3.1	16	0.2	0.6	0.3	69	0.16
WHT-47910	Soil	0.2	26.4	1.1	130	<0.1	84.6	42.1	975	9.10	1.9	0.5	2.1	0.8	50	<0.1	<0.1	<0.1	194	2.17
WHT-47911	Soil	0.3	51.4	1.1	159	0.1	89.7	43.5	1118	10.43	2.1	0.5	33.4	1.1	51	<0.1	0.1	<0.1	232	2.07
WHT-47912	Soil	7.5	78.1	8.7	148	0.5	51.1	11.5	298	4.37	8.4	1.6	3.6	4.7	35	0.6	0.9	0.2	114	0.30
WHT-47913	Soil	2.0	48.3	6.6	68	0.2	27.8	11.0	341	2.77	11.7	0.8	2.6	4.2	69	0.2	0.8	0.1	77	1.41
WHT-47914	Soil	3.0	69.4	9.6	149	0.3	68.9	18.7	728	4.12	7.9	1.4	8.7	4.3	35	0.6	0.9	0.2	107	0.54
WHT-47915	Soil	4.2	118.0	12.5	224	0.4	90.6	21.1	553	4.43	16.1	1.8	6.9	4.7	46	0.7	2.3	0.2	134	0.34
WHT-47916	Soil	1.5	41.5	8.1	84	0.2	40.1	13.9	440	2.98	14.0	0.9	4.7	3.7	31	0.2	0.7	0.1	85	0.50
WHT-47917	Soil	2.2	61.3	8.3	176	0.2	83.1	22.9	521	3.91	11.5	1.2	1.7	5.2	29	0.5	1.2	0.1	100	0.41
WHT-47918	Soil	3.7	102.7	6.3	124	0.5	72.1	19.7	435	4.10	5.1	2.6	3.6	6.8	44	0.3	0.5	0.1	116	0.42
WHT-47919	Soil	2.7	63.5	7.7	124	0.2	65.5	20.9	536	3.56	6.6	1.8	2.6	4.1	32	0.3	0.5	0.1	103	0.46
WHT-47920	Soil	3.2	39.4	13.4	110	0.3	29.8	25.6	601	2.95	43.2	1.2	9.6	2.3	27	0.8	1.3	0.1	84	0.22
WHT-47921	Soil	3.2	39.3	11.7	110	0.3	30.7	22.9	368	2.33	76.3	1.6	12.8	2.5	33	0.7	1.8	0.1	61	0.19
WHT-47922	Soil	3.7	25.6	11.5	66	0.2	16.3	5.3	118	3.17	73.7	0.8	2.2	1.5	18	0.2	1.7	0.2	93	0.07
WHT-47924	Soil	3.1	49.6	9.2	127	0.4	38.3	10.9	335	2.72	20.2	1.3	5.0	0.8	20	0.3	1.9	0.2	72	0.21



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
WHT-47893	Soil	17	38	0.37	524	0.033	1	1.32	0.009	0.11	0.2	0.03	5.8	0.1	<0.05	4	1.0
WHT-47894	Soil	33	87	1.29	1199	0.244	1	2.74	0.014	1.04	0.1	0.02	7.8	0.4	<0.05	10	2.5
WHT-47895	Soil	36	85	1.35	986	0.215	<1	2.43	0.011	0.96	0.1	0.02	5.6	0.4	<0.05	10	2.1
WHT-47896	Soil	8	350	4.25	224	0.076	<1	1.61	0.020	0.03	<0.1	0.02	5.4	0.1	<0.05	5	<0.5
WHT-47897	Soil	8	448	4.55	625	0.063	<1	1.72	0.014	0.03	<0.1	0.02	4.9	<0.1	<0.05	5	<0.5
WHT-47898	Soil	9	22	0.16	287	0.013	3	0.73	0.011	0.07	0.2	0.07	2.4	0.2	<0.05	4	0.7
WHT-47899	Soil	11	28	0.33	202	0.039	3	0.90	0.014	0.08	0.2	0.08	2.6	0.2	<0.05	3	1.7
WHT-47901	Soil	13	38	0.43	503	0.026	4	1.13	0.011	0.14	<0.1	0.07	7.2	0.2	<0.05	4	1.0
WHT-47902	Soil	13	53	0.50	703	0.039	5	1.62	0.014	0.18	0.2	0.04	7.2	0.1	<0.05	5	0.5
WHT-47903	Soil	12	29	0.58	980	0.065	2	1.17	0.019	0.14	0.2	0.06	3.4	0.1	0.09	3	0.9
WHT-47904	Soil	15	57	0.66	539	0.078	1	1.40	0.028	0.19	<0.1	0.03	6.5	0.2	0.05	4	0.8
WHT-47905	Soil	10	74	0.95	266	0.086	2	1.74	0.019	0.05	0.2	0.01	4.2	<0.1	<0.05	5	<0.5
WHT-47906	Soil	8	368	4.19	580	0.073	1	1.71	0.018	0.13	<0.1	0.03	5.3	0.4	<0.05	4	<0.5
WHT-47907	Soil	15	18	0.21	320	0.015	<1	0.76	0.008	0.09	<0.1	0.02	4.3	<0.1	<0.05	3	0.6
WHT-47908	Soil	26	81	1.09	609	0.144	<1	1.91	0.006	0.73	<0.1	0.02	4.5	0.5	<0.05	8	0.7
WHT-47909	Soil	7	37	0.48	320	0.066	<1	1.63	0.009	0.05	0.1	0.02	2.8	<0.1	<0.05	5	<0.5
WHT-47910	Soil	8	72	1.40	1378	0.205	<1	4.38	0.012	2.74	0.2	<0.01	10.8	0.3	<0.05	18	<0.5
WHT-47911	Soil	12	86	1.51	1796	0.255	<1	4.89	0.012	2.97	0.2	<0.01	11.6	0.3	<0.05	19	<0.5
WHT-47912	Soil	17	59	0.69	531	0.097	2	1.39	0.033	0.45	0.2	0.03	6.2	0.4	0.31	5	2.5
WHT-47913	Soil	15	37	0.75	528	0.105	<1	1.27	0.025	0.40	0.2	0.02	4.3	0.2	0.07	4	1.3
WHT-47914	Soil	18	57	1.00	1021	0.142	2	1.93	0.017	0.73	0.1	0.02	6.0	0.3	<0.05	6	1.0
WHT-47915	Soil	22	68	1.02	1333	0.145	2	1.85	0.023	0.87	0.2	0.04	7.2	0.4	0.14	6	2.1
WHT-47916	Soil	15	41	0.58	452	0.099	2	1.53	0.020	0.25	0.2	0.02	5.4	0.1	<0.05	4	<0.5
WHT-47917	Soil	21	53	0.71	554	0.130	2	1.85	0.016	0.40	0.1	0.03	5.9	0.2	<0.05	5	1.0
WHT-47918	Soil	27	70	1.10	1081	0.188	<1	1.90	0.019	0.77	<0.1	0.04	4.9	0.4	0.13	6	2.4
WHT-47919	Soil	18	59	0.94	619	0.151	3	1.85	0.022	0.51	0.1	0.02	5.2	0.2	<0.05	6	0.6
WHT-47920	Soil	9	37	0.47	1537	0.047	2	1.83	0.019	0.06	0.1	0.03	4.5	0.3	<0.05	5	0.6
WHT-47921	Soil	10	27	0.36	1367	0.041	2	1.33	0.011	0.08	0.2	0.05	3.4	0.2	<0.05	4	0.7
WHT-47922	Soil	9	25	0.21	465	0.048	2	1.18	0.009	0.06	0.2	0.02	2.2	0.1	<0.05	6	0.9
WHT-47924	Soil	11	47	0.51	331	0.043	3	1.36	0.012	0.10	0.1	0.09	2.4	0.2	<0.05	5	0.8



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
WHT-47925	Soil	2.1	46.8	5.5	124	0.3	42.2	8.1	204	2.31	5.1	1.3	1.2	1.5	15	0.7	0.3	0.1	68	0.11	0.048
WHT-47926	Soil	5.9	102.0	8.2	327	0.5	102.8	24.1	550	4.61	7.9	3.7	4.6	4.6	43	1.6	0.6	0.1	129	0.43	0.237
WHT-47927	Soil	5.0	90.3	6.5	240	0.4	106.9	21.0	367	4.34	12.7	2.3	6.7	5.3	32	1.1	0.8	0.1	132	0.37	0.148
WHT-47928	Soil	3.8	85.5	5.6	160	1.0	108.4	29.9	408	3.84	20.3	2.5	6.0	4.2	25	0.9	0.4	<0.1	130	0.29	0.097
WHT-47929	Soil	4.5	81.7	5.2	204	0.3	135.2	25.1	401	4.41	34.4	1.9	3.1	4.7	28	0.5	0.5	<0.1	152	0.37	0.104
WHT-47930	Soil	4.4	103.0	6.0	136	0.6	99.5	29.5	527	3.05	16.0	3.2	2.8	1.8	26	1.3	0.7	0.1	100	0.31	0.083
WHT-47931	Soil	1.9	72.5	7.3	150	0.2	89.2	16.7	326	3.48	10.1	2.2	3.1	5.7	40	0.3	0.8	0.1	110	0.43	0.074
WHT-47932	Soil	2.1	65.3	8.3	112	0.4	54.8	20.0	635	3.96	6.4	1.9	3.4	5.3	35	0.3	0.4	0.1	108	0.69	0.125
WHT-47933	Soil	4.9	91.1	9.0	176	0.4	57.1	16.6	315	4.41	1.9	2.6	1.2	10.2	30	0.6	0.2	0.2	114	0.30	0.099
WHT-47934	Soil	6.4	108.1	8.8	257	0.4	95.7	26.1	581	4.70	1.9	2.6	0.8	9.1	28	0.9	0.2	0.2	117	0.35	0.104
WHT-47935	Soil	4.1	60.6	7.2	141	0.5	45.0	20.7	477	3.61	4.6	1.7	1.6	4.0	29	0.6	0.4	0.2	97	0.30	0.059
WHT-47936	Soil	3.3	34.6	7.4	85	0.5	31.8	10.8	266	2.80	5.6	0.9	3.8	2.5	21	0.4	0.5	0.1	92	0.24	0.060
WHT-47937	Soil	4.5	55.1	7.4	144	0.5	61.0	15.6	1019	3.27	5.7	1.4	2.3	3.1	45	1.2	0.8	0.2	97	0.68	0.079
WHT-47938	Soil	2.6	39.0	9.8	181	0.2	74.8	14.7	394	3.51	6.9	0.9	3.5	3.3	21	0.5	0.9	0.2	97	0.27	0.092
WHT-47939	Soil	2.3	50.3	7.0	97	0.4	44.3	6.0	221	2.26	2.4	0.9	1.6	1.0	19	0.5	1.8	0.1	72	0.20	0.043
WHT-47940	Soil	4.5	89.8	8.7	179	0.7	84.1	17.0	415	4.10	5.9	3.1	4.8	7.7	35	0.8	1.8	0.2	99	0.48	0.134
WHT-47941	Soil	5.3	88.6	17.5	215	0.7	93.5	24.2	697	4.42	30.4	2.4	6.3	5.4	45	1.4	3.0	0.2	97	0.65	0.135
WHT-47942	Soil	8.1	92.0	15.5	217	0.8	76.8	18.1	410	5.11	8.1	2.4	27.1	6.5	50	0.7	0.8	0.2	126	0.39	0.168
WHT-47943	Soil	3.1	48.2	10.3	143	0.4	51.8	15.6	444	3.22	18.4	1.5	2.7	4.0	31	1.4	1.8	0.2	73	0.40	0.114
WHT-47944	Soil	2.9	72.9	9.2	130	0.5	59.1	15.7	648	3.72	11.0	1.9	4.8	4.7	29	0.5	0.9	0.2	83	0.57	0.084
WHT-47945	Soil	2.8	49.8	6.1	116	0.3	49.1	15.8	479	3.41	7.1	1.1	3.0	2.9	28	0.3	0.3	0.1	102	0.53	0.065
WHT-47946	Soil	4.7	44.5	4.7	101	0.2	42.2	13.4	228	2.98	4.5	0.7	0.6	2.3	18	0.4	0.2	0.1	110	0.26	0.052
WHT-47947	Soil	4.0	49.0	8.5	96	0.3	41.5	15.2	337	3.21	16.1	1.6	6.8	4.2	34	0.3	1.0	0.2	75	0.52	0.063
WHT-47948	Soil	4.8	143.2	13.2	231	0.8	98.1	21.8	663	4.66	3.7	3.0	7.9	5.9	48	0.8	1.3	0.3	95	0.55	0.124
WHT-47949	Soil	3.5	99.8	11.0	232	0.4	79.4	17.3	385	4.07	2.8	2.3	7.3	7.5	21	0.5	1.1	0.2	54	0.21	0.084
WHT-47950	Soil	0.6	30.1	3.9	67	<0.1	28.2	19.1	414	3.81	3.2	0.7	2.2	2.9	29	<0.1	0.1	<0.1	90	0.65	0.154
WHT-47951	Soil	3.1	44.9	10.5	84	0.2	36.7	11.6	588	3.61	27.4	1.2	56.7	5.2	27	0.1	1.0	0.1	77	0.34	0.022
WHT-47952	Soil	0.8	39.5	8.8	69	0.1	30.3	12.3	520	2.79	10.5	0.6	8.6	2.8	43	0.2	0.6	0.1	65	1.13	0.068
WHT-47954	Soil	1.8	24.5	7.7	63	<0.1	22.9	11.1	415	2.99	9.2	0.6	6.5	3.4	23	0.2	0.5	0.1	69	0.35	0.033
WHT-47955	Soil	1.7	60.1	9.1	81	0.2	47.6	14.0	583	3.40	15.2	0.7	11.1	5.1	30	0.1	0.8	0.2	87	0.46	0.050



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
WHT-47925	Soil	12	44	0.50	314	0.098	<1	1.14	0.020	0.19	<0.1	0.04	2.2	0.2	<0.05	4	0.6
WHT-47926	Soil	31	79	1.13	1190	0.162	<1	2.00	0.021	0.93	<0.1	0.02	4.8	0.4	0.14	6	2.5
WHT-47927	Soil	31	81	1.04	697	0.177	1	1.91	0.017	0.69	<0.1	0.02	4.6	0.3	0.07	7	2.0
WHT-47928	Soil	24	222	1.68	722	0.173	<1	2.26	0.014	0.71	<0.1	0.05	4.3	0.4	<0.05	8	1.0
WHT-47929	Soil	25	319	2.37	629	0.187	<1	2.55	0.016	0.82	<0.1	0.01	4.3	0.4	0.07	8	2.3
WHT-47930	Soil	19	190	1.39	524	0.109	<1	1.70	0.020	0.47	<0.1	0.03	3.8	0.3	<0.05	6	2.3
WHT-47931	Soil	21	131	0.92	439	0.120	2	1.75	0.020	0.30	0.2	0.01	5.5	0.2	<0.05	5	1.4
WHT-47932	Soil	26	54	0.98	586	0.188	<1	1.95	0.019	0.63	0.1	0.02	5.0	0.4	<0.05	7	1.0
WHT-47933	Soil	32	59	0.97	716	0.142	<1	1.77	0.030	0.73	<0.1	<0.01	4.8	0.4	0.30	6	3.9
WHT-47934	Soil	28	72	0.84	702	0.108	2	1.61	0.025	0.52	<0.1	<0.01	6.2	0.4	0.19	6	3.0
WHT-47935	Soil	18	51	0.68	455	0.118	<1	1.54	0.019	0.29	0.1	<0.01	3.0	0.2	<0.05	5	1.7
WHT-47936	Soil	10	37	0.54	318	0.113	2	1.32	0.014	0.22	0.2	0.02	2.5	0.2	<0.05	5	0.5
WHT-47937	Soil	14	45	0.64	592	0.081	<1	1.28	0.015	0.26	0.1	0.02	3.8	0.2	<0.05	5	1.5
WHT-47938	Soil	16	49	0.69	329	0.105	2	1.69	0.011	0.24	0.2	0.02	3.4	0.2	<0.05	6	<0.5
WHT-47939	Soil	11	64	0.57	736	0.097	2	1.07	0.011	0.36	<0.1	0.07	2.7	0.2	<0.05	6	<0.5
WHT-47940	Soil	32	56	0.75	597	0.078	2	1.45	0.021	0.36	0.1	0.04	5.4	0.3	0.08	5	3.4
WHT-47941	Soil	21	51	0.74	695	0.068	1	1.36	0.015	0.33	0.1	0.04	5.9	0.3	<0.05	4	2.5
WHT-47942	Soil	25	57	0.92	535	0.113	3	1.64	0.028	0.55	<0.1	0.01	5.0	0.4	0.17	5	3.7
WHT-47943	Soil	20	45	0.73	554	0.112	<1	1.35	0.012	0.45	0.1	0.03	3.8	0.3	0.08	5	2.6
WHT-47944	Soil	21	40	0.75	470	0.072	3	1.36	0.021	0.23	0.1	0.04	6.3	0.3	0.06	4	1.6
WHT-47945	Soil	16	30	0.68	407	0.036	2	1.45	0.021	0.12	<0.1	0.03	6.6	0.2	<0.05	4	1.7
WHT-47946	Soil	9	28	0.61	188	0.061	1	1.29	0.024	0.08	<0.1	<0.01	3.1	<0.1	0.10	4	1.3
WHT-47947	Soil	16	41	0.64	545	0.103	3	1.38	0.019	0.22	0.2	0.04	3.9	0.2	0.05	5	1.5
WHT-47948	Soil	28	58	0.92	603	0.127	1	1.70	0.032	0.64	0.1	0.04	5.8	0.4	0.27	5	4.0
WHT-47949	Soil	22	33	0.49	272	0.055	3	0.89	0.013	0.36	<0.1	0.07	4.2	0.4	0.16	3	2.9
WHT-47950	Soil	8	105	1.47	512	0.217	<1	3.05	0.028	0.55	<0.1	0.02	5.7	0.3	<0.05	8	<0.5
WHT-47951	Soil	21	35	0.44	973	0.063	2	1.33	0.015	0.16	0.2	0.05	7.2	<0.1	<0.05	4	0.8
WHT-47952	Soil	15	32	0.60	497	0.088	3	1.42	0.031	0.09	0.1	0.03	4.6	<0.1	<0.05	5	<0.5
WHT-47954	Soil	13	33	0.47	487	0.100	<1	1.59	0.015	0.24	<0.1	0.01	5.2	0.1	<0.05	5	<0.5
WHT-47955	Soil	24	43	0.69	565	0.111	3	1.69	0.026	0.16	0.2	0.04	6.7	0.1	<0.05	6	0.7



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Project: WHT

Report Date: August 25, 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	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
Pulp Duplicates		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-44507	Soil	3.0	51.0	7.8	166	0.3	69.4	16.9	693	3.88	8.0	1.0	9.9	3.5	20	0.6	0.9	0.2	75	0.14
REP WHT-44507	QC	3.3	52.2	7.7	163	0.3	67.5	17.7	683	3.85	8.0	0.9	8.4	3.5	20	0.5	0.8	0.2	74	0.14
WHT-44511	Soil	3.1	46.2	8.8	129	0.5	51.4	14.7	551	3.80	7.5	0.7	4.9	3.2	11	0.8	0.7	0.3	81	0.11
REP WHT-44511	QC	3.1	45.2	8.5	127	0.5	50.7	14.1	545	3.80	7.5	0.7	3.8	3.1	11	0.9	0.8	0.2	80	0.11
WHT-44731	Soil	2.0	41.0	6.8	90	0.4	25.2	7.5	210	2.63	24.1	1.5	5.2	1.9	26	0.5	0.5	0.1	63	0.27
REP WHT-44731	QC	2.0	40.5	7.3	88	0.4	24.2	7.4	208	2.65	23.3	1.6	4.9	1.9	26	0.5	0.5	0.1	62	0.25
WHT-44932	Soil	2.3	42.4	14.8	73	0.2	16.1	11.5	808	2.59	6.7	2.9	5.3	13.9	23	0.2	0.3	0.3	52	0.28
REP WHT-44932	QC	2.2	42.0	15.2	71	0.2	16.4	11.4	812	2.71	6.6	2.8	8.1	14.1	22	0.2	0.3	0.3	53	0.27
WHT-45217	Soil	1.5	55.7	5.3	178	0.3	72.4	25.8	660	4.59	6.7	0.9	1.4	1.2	42	1.1	0.7	<0.1	94	2.78
REP WHT-45217	QC	1.7	54.0	4.9	171	0.3	70.2	25.6	634	4.55	6.5	1.0	3.4	1.2	41	1.1	0.7	<0.1	94	2.84
WHT-47539	Soil	2.2	27.4	6.5	70	0.5	23.1	8.6	315	2.24	5.4	0.6	5.0	1.6	16	0.3	0.4	0.1	54	0.20
REP WHT-47539	QC	2.1	27.0	6.4	70	0.5	23.4	8.6	321	2.23	5.2	0.6	3.3	1.6	16	0.3	0.5	0.1	54	0.20
WHT-47571	Soil	2.1	60.5	12.0	81	0.1	26.5	10.7	617	3.56	4.1	2.1	8.9	6.2	25	0.2	0.5	0.2	46	0.18
REP WHT-47571	QC	2.3	58.0	11.8	81	0.1	25.6	10.2	610	3.44	3.9	2.0	6.3	6.1	24	0.2	0.5	0.2	45	0.17
WHT-47582	Soil	2.6	28.4	7.8	89	0.2	33.7	11.9	554	3.08	6.9	0.8	2.9	1.5	11	0.4	0.5	0.2	73	0.08
REP WHT-47582	QC	2.7	29.5	8.1	89	0.2	33.1	12.5	560	3.14	7.0	0.8	2.2	1.5	12	0.4	0.5	0.2	78	0.08
WHT-47606	Soil	0.6	70.4	8.9	154	0.2	73.2	24.0	888	4.48	7.3	1.1	9.2	3.4	68	1.2	1.3	0.1	111	3.07
REP WHT-47606	QC	0.7	72.3	8.4	151	0.2	72.5	22.9	859	4.33	7.6	1.1	9.3	3.3	71	0.9	1.3	0.1	105	3.26
WHT-47829	Soil	3.9	85.3	11.1	165	0.5	69.7	17.7	946	3.82	7.9	1.2	8.2	4.7	31	0.7	0.9	0.2	86	0.43
REP WHT-47829	QC	3.7	83.8	10.9	165	0.5	67.7	16.3	932	3.74	7.5	1.2	8.3	4.4	30	0.6	0.9	0.2	83	0.44
WHT-47851	Soil	2.3	38.8	5.9	104	0.3	22.1	17.1	853	3.92	4.9	1.2	1.5	2.5	28	0.2	0.4	<0.1	147	0.21
REP WHT-47851	QC	2.3	40.1	6.3	103	0.3	22.5	17.5	881	4.17	5.0	1.2	2.7	2.5	26	0.2	0.4	<0.1	152	0.20
WHT-47882	Soil	4.7	77.9	38.0	155	0.6	73.9	13.6	403	4.07	12.7	1.6	87.3	3.7	25	0.4	1.1	0.3	66	0.17
REP WHT-47882	QC	4.6	76.2	37.9	154	0.5	73.8	13.6	400	3.93	12.0	1.6	50.7	3.9	25	0.5	1.0	0.3	67	0.17
WHT-47901	Soil	3.4	80.7	21.4	81	0.4	64.8	11.0	321	2.94	8.9	1.7	77.1	4.7	61	0.3	2.2	0.2	49	1.97
REP WHT-47901	QC	3.3	80.0	20.8	82	0.4	63.1	10.7	316	2.91	8.0	1.7	65.4	4.8	61	0.3	2.1	0.2	51	1.91
WHT-47908	Soil	2.3	56.4	17.5	177	<0.1	67.0	15.0	564	4.00	3.4	1.5	3.2	4.6	22	0.5	0.3	0.2	115	0.20
REP WHT-47908	QC	2.4	57.1	17.4	178	<0.1	67.5	15.6	586	4.11	3.7	1.4	2.4	4.5	21	0.5	0.3	0.2	121	0.19



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1
Pulp Duplicates																
WHT-44507	Soil	11	46	0.46	290	0.047	4	1.19	0.009	0.13	0.1	0.02	4.3	0.2	<0.05	4
REP WHT-44507	QC	11	46	0.44	291	0.048	4	1.12	0.008	0.12	0.1	0.02	4.2	0.2	<0.05	4
WHT-44511	Soil	10	40	0.39	546	0.040	2	1.51	0.011	0.08	0.1	0.02	4.1	0.1	<0.05	6
REP WHT-44511	QC	10	40	0.38	528	0.039	2	1.47	0.010	0.08	0.1	0.01	4.0	0.2	<0.05	6
WHT-44731	Soil	12	37	0.58	455	0.086	<1	1.37	0.014	0.24	0.1	0.05	3.0	0.2	0.08	5
REP WHT-44731	QC	12	36	0.61	438	0.081	1	1.45	0.014	0.23	0.1	0.05	3.0	0.1	0.09	5
WHT-44932	Soil	25	27	0.43	371	0.060	<1	1.60	0.012	0.12	0.1	0.04	2.4	0.2	<0.05	7
REP WHT-44932	QC	25	28	0.41	379	0.059	<1	1.53	0.011	0.12	0.2	0.04	2.4	0.2	<0.05	6
WHT-45217	Soil	10	69	2.10	930	0.169	<1	2.70	0.017	0.99	0.1	0.04	4.6	0.2	<0.05	9
REP WHT-45217	QC	9	68	2.08	900	0.167	<1	2.57	0.015	1.00	0.1	0.03	4.5	0.2	<0.05	8
WHT-47539	Soil	10	29	0.36	338	0.059	1	1.24	0.014	0.14	<0.1	0.02	2.9	0.1	<0.05	6
REP WHT-47539	QC	10	29	0.35	336	0.061	<1	1.24	0.014	0.14	0.1	0.02	2.8	0.1	<0.05	5
WHT-47571	Soil	24	26	0.62	270	0.061	<1	1.29	0.019	0.43	<0.1	0.02	3.2	0.5	0.14	4
REP WHT-47571	QC	24	26	0.62	279	0.062	<1	1.28	0.017	0.43	<0.1	0.02	3.1	0.5	0.14	4
WHT-47582	Soil	7	33	0.41	406	0.059	5	1.39	0.010	0.20	0.1	0.05	3.9	0.2	<0.05	5
REP WHT-47582	QC	8	34	0.42	414	0.063	5	1.35	0.011	0.20	0.1	0.05	4.1	0.2	<0.05	5
WHT-47606	Soil	18	55	0.86	706	0.080	1	1.55	0.014	0.17	0.1	0.12	10.6	0.3	<0.05	6
REP WHT-47606	QC	19	53	0.92	705	0.078	2	1.67	0.015	0.18	0.1	0.12	10.5	0.3	<0.05	5
WHT-47829	Soil	17	39	0.62	559	0.060	2	1.25	0.018	0.22	0.2	0.06	6.0	0.4	<0.05	4
REP WHT-47829	QC	17	38	0.59	529	0.058	1	1.22	0.016	0.22	0.2	0.06	6.0	0.4	<0.05	4
WHT-47851	Soil	9	44	1.62	423	0.101	<1	2.78	0.012	0.70	<0.1	0.02	5.7	0.3	0.12	7
REP WHT-47851	QC	9	46	1.61	437	0.102	<1	2.88	0.012	0.70	<0.1	0.01	5.6	0.3	0.10	7
WHT-47882	Soil	14	40	0.35	407	0.027	1	0.93	0.010	0.17	0.1	0.03	7.8	0.2	<0.05	3
REP WHT-47882	QC	13	39	0.36	399	0.034	3	0.93	0.010	0.18	0.1	0.04	7.3	0.2	<0.05	3
WHT-47901	Soil	13	38	0.43	503	0.026	4	1.13	0.011	0.14	<0.1	0.07	7.2	0.2	<0.05	4
REP WHT-47901	QC	13	37	0.43	500	0.024	5	1.12	0.012	0.14	0.1	0.07	7.1	0.1	<0.05	4
WHT-47908	Soil	26	81	1.09	609	0.144	<1	1.91	0.006	0.73	<0.1	0.02	4.5	0.5	<0.05	8
REP WHT-47908	QC	27	81	1.10	601	0.143	<1	1.88	0.007	0.76	<0.1	0.02	4.7	0.5	<0.05	8



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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
WHT-47932	Soil	2.1	65.3	8.3	112	0.4	54.8	20.0	635	3.96	6.4	1.9	3.4	5.3	35	0.3	0.4	0.1	108	0.69	0.125
REP WHT-47932	QC	2.2	67.9	8.9	111	0.4	56.0	19.9	655	4.11	6.5	1.9	3.9	5.7	36	0.3	0.4	0.1	110	0.74	0.130
Reference Materials																					
STD DS7	Standard	21.4	110.9	62.3	412	0.8	59.3	10.2	642	2.49	52.7	4.7	71.9	4.2	72	6.0	5.9	4.2	88	0.97	0.077
STD DS7	Standard	20.8	101.9	61.9	380	0.8	55.9	9.9	616	2.41	48.0	4.5	63.7	4.0	67	5.6	5.5	4.0	84	0.91	0.075
STD DS7	Standard	19.3	101.0	64.6	384	0.8	53.2	9.1	582	2.37	47.7	4.6	56.9	3.8	68	6.3	5.7	4.6	86	0.91	0.081
STD DS7	Standard	19.6	104.4	65.8	383	0.8	54.7	9.3	609	2.37	49.0	4.8	68.5	4.2	72	6.2	5.5	4.6	85	0.87	0.082
STD DS7	Standard	20.1	106.6	69.8	395	0.8	55.0	9.2	613	2.32	53.8	5.2	63.4	4.6	76	7.0	6.3	5.1	84	0.91	0.080
STD DS7	Standard	20.3	107.0	59.7	395	0.8	57.3	9.8	643	2.47	52.9	4.4	63.3	4.0	74	6.4	4.9	4.1	89	1.01	0.079
STD DS7	Standard	19.7	104.4	66.3	377	0.8	55.9	9.5	625	2.35	50.7	4.8	104.4	4.3	66	5.9	5.4	4.3	86	0.98	0.077
STD DS7	Standard	20.1	107.5	67.7	401	0.9	59.9	9.5	671	2.50	53.4	4.6	80.3	4.3	73	6.5	5.5	4.5	92	0.98	0.079
STD DS7	Standard	21.0	115.9	67.8	394	0.8	59.7	9.9	599	2.31	47.8	4.9	63.4	4.1	65	6.0	5.4	4.1	102	0.89	0.069
STD DS7	Standard	23.4	130.6	71.7	438	0.9	66.7	10.9	658	2.60	55.0	5.1	70.4	4.3	74	6.5	5.8	4.6	104	1.03	0.078
STD DS7	Standard	23.6	125.5	66.1	420	0.9	64.1	10.6	660	2.54	51.8	4.9	68.4	4.3	74	6.3	5.8	4.3	94	0.99	0.077
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	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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Report Date: August 25, 2009

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QUALITY CONTROL REPORT

VAN09003458.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5
WHT-47932	Soil	26	54	0.98	586	0.188	<1	1.95	0.019	0.63	0.1	0.02	5.0	0.4	<0.05	7	1.0
REP WHT-47932	QC	27	54	1.06	585	0.193	<1	2.12	0.020	0.66	0.1	0.02	5.6	0.4	<0.05	6	0.6
Reference Materials																	
STD DS7	Standard	13	210	1.06	410	0.134	39	1.05	0.097	0.46	4.1	0.18	2.8	4.2	0.22	5	4.1
STD DS7	Standard	12	202	1.02	385	0.127	37	1.02	0.094	0.42	3.8	0.18	2.4	4.0	0.21	5	3.5
STD DS7	Standard	12	178	1.00	381	0.116	37	0.98	0.086	0.43	4.0	0.19	2.3	4.0	0.16	5	3.4
STD DS7	Standard	12	205	1.06	402	0.117	41	1.04	0.104	0.44	3.6	0.20	2.5	4.1	0.19	4	3.3
STD DS7	Standard	13	184	1.01	412	0.120	41	0.98	0.098	0.46	3.7	0.20	2.6	3.9	0.23	5	3.4
STD DS7	Standard	13	201	1.07	409	0.117	38	1.07	0.103	0.47	3.9	0.18	2.8	4.1	0.16	5	3.7
STD DS7	Standard	12	193	1.02	374	0.117	39	1.00	0.086	0.45	3.8	0.19	2.2	4.1	0.22	5	3.5
STD DS7	Standard	13	209	1.09	413	0.123	40	1.07	0.097	0.49	3.7	0.18	2.2	4.3	0.16	5	4.1
STD DS7	Standard	12	196	1.00	386	0.126	35	0.98	0.084	0.43	3.7	0.18	2.5	4.0	0.21	4	3.2
STD DS7	Standard	13	213	1.12	413	0.150	38	1.08	0.096	0.46	4.1	0.20	2.8	4.3	0.22	5	4.0
STD DS7	Standard	13	219	1.09	384	0.148	39	1.10	0.094	0.44	4.1	0.20	3.2	4.3	0.16	5	3.6
STD DS7 Expected		12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5