



**BUREAU
VERITAS** MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 CANADA

Submitted By: Gordon Richards
Receiving Lab: Canada-Whitehorse
Received: July 04, 2016
Report Date: July 20, 2016
Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI16000067.1

CLIENT JOB INFORMATION

Project: CROOKED
Shipment ID:
P.O. Number
Number of Samples: 127

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
VGMAS	126	Plant Maceration to 1mm			VAN
VG101	126	Aqua Regia digestion ICP-MS analysis	1	Completed	VAN
SHP01	126	Per sample shipping charges for branch shipments			VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

ADDITIONAL COMMENTS

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

Invoice To: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6
CANADA

CC:



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. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Part: 1 of 2

CERTIFICATE OF ANALYSIS

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Method	Analyte	VG101																			
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V		
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	Ca		
		0.01	0.01	0.01	0.1	2	0.1	0.01	1	0.001	0.1	0.01	0.2	0.01	0.5	0.01	0.02	2	0.01	0.001	
T164	Vegetation	<0.01	1.14	0.08	58.8	13	0.1	0.04	1306	0.007	<0.1	<0.01	<0.2	<0.01	16.6	0.01	<0.02	<2	0.82	0.065	
T166	Vegetation	<0.01	1.10	0.09	50.9	11	0.2	0.07	2553	0.006	<0.1	<0.01	<0.2	<0.01	19.2	0.03	<0.02	<2	0.66	0.062	
T167	Vegetation	<0.01	1.27	0.11	50.3	14	0.3	0.05	1222	0.006	<0.1	<0.01	<0.2	<0.01	20.8	<0.01	0.03	<0.02	<2	0.71	0.054
T168	Vegetation	0.01	2.01	0.08	51.1	23	0.6	0.04	1313	0.006	<0.1	<0.01	<0.2	<0.01	16.1	<0.01	<0.02	<2	0.80	0.095	
T176	Vegetation	0.01	1.51	0.09	79.0	6	<0.1	0.04	855	0.011	<0.1	<0.01	<0.2	<0.01	36.4	<0.01	0.03	<0.02	<2	1.28	0.048
T178	Vegetation	<0.01	1.41	0.05	58.6	15	0.3	0.04	1222	0.006	<0.1	<0.01	<0.2	<0.01	15.9	<0.01	0.05	<0.02	<2	0.82	0.058
T182	Vegetation	<0.01	1.03	0.04	38.4	13	0.4	0.10	768	0.006	<0.1	<0.01	<0.2	<0.01	18.3	<0.01	0.05	<0.02	<2	0.68	0.080
T186	Vegetation	<0.01	1.63	0.05	59.9	14	0.2	0.07	946	0.005	<0.1	<0.01	<0.2	<0.01	19.5	0.02	<0.02	<0.02	<2	0.63	0.071
T187	Vegetation	<0.01	1.97	0.06	70.7	20	0.1	0.04	523	0.006	<0.1	<0.01	<0.2	<0.01	17.8	<0.01	<0.02	<0.02	<2	0.70	0.096
T189	Vegetation	<0.01	1.01	0.10	54.1	14	<0.1	0.02	847	0.006	<0.1	<0.01	<0.2	<0.01	16.2	<0.01	0.03	<0.02	<2	0.66	0.074
T190	Vegetation	<0.01	2.92	0.11	37.8	12	0.3	0.03	1443	0.005	<0.1	<0.01	<0.2	<0.01	9.9	<0.01	0.02	<0.02	<2	0.51	0.083
T191	Vegetation	<0.01	4.76	0.06	44.0	16	0.2	0.03	1000	0.005	<0.1	<0.01	<0.2	<0.01	15.0	0.01	0.06	<0.02	<2	0.66	0.057
T193	Vegetation	<0.01	1.42	0.05	49.0	8	0.1	0.02	683	0.007	<0.1	<0.01	<0.2	<0.01	18.7	<0.01	0.02	<0.02	<2	0.78	0.075
T199	Vegetation	<0.01	1.83	0.05	49.8	4	0.2	0.03	1085	0.005	<0.1	<0.01	<0.2	<0.01	15.1	0.02	<0.02	<0.02	<2	0.70	0.075
T200	Vegetation	<0.01	1.54	0.06	45.2	7	0.2	0.01	919	0.004	<0.1	<0.01	<0.2	<0.01	6.5	<0.01	<0.02	<0.02	<2	0.40	0.067
T202	Vegetation	<0.01	1.11	0.07	54.9	7	0.2	0.05	2313	0.008	<0.1	<0.01	<0.2	<0.01	16.2	<0.01	0.02	<0.02	<2	0.97	0.052
T203	Vegetation	0.02	1.31	0.07	42.3	6	0.2	0.04	750	0.004	<0.1	<0.01	<0.2	<0.01	8.6	<0.01	<0.02	<0.02	<2	0.42	0.061
T204	Vegetation	0.01	1.25	0.06	58.6	6	0.1	0.02	680	0.005	<0.1	<0.01	<0.2	<0.01	12.1	<0.01	<0.02	<0.02	<2	0.53	0.063
T205	Vegetation	<0.01	1.28	0.06	64.9	12	0.2	0.04	1206	0.005	<0.1	<0.01	<0.2	<0.01	13.2	0.02	<0.02	<0.02	<2	0.59	0.055
T207	Vegetation	0.01	2.11	0.10	28.1	5	0.3	0.03	372	0.006	<0.1	<0.01	<0.2	<0.01	11.0	<0.01	<0.02	<0.02	<2	0.56	0.090
T208	Vegetation	<0.01	1.64	0.06	36.1	10	0.4	0.02	554	0.005	<0.1	<0.01	<0.2	<0.01	3.9	<0.01	0.04	<0.02	<2	0.50	0.102
T209	Vegetation	0.07	1.18	0.04	51.6	15	0.2	0.05	939	0.007	<0.1	<0.01	<0.2	<0.01	19.9	<0.01	0.08	<0.02	<2	0.86	0.090
T210	Vegetation	<0.01	1.32	0.06	74.7	17	0.1	0.04	570	0.007	<0.1	<0.01	<0.2	<0.01	17.7	<0.01	0.06	<0.02	<2	0.83	0.067
T211	Vegetation	<0.01	1.47	0.06	78.2	17	0.2	0.09	1041	0.007	<0.1	<0.01	<0.2	<0.01	17.9	<0.01	0.05	<0.02	<2	0.83	0.063
T213	Vegetation	0.07	1.59	0.06	25.6	21	1.1	0.05	427	0.004	<0.1	<0.01	<0.2	<0.01	17.9	<0.01	0.05	<0.02	<2	0.51	0.090
T228	Vegetation	0.11	2.26	0.06	32.6	21	0.7	0.18	986	0.004	<0.1	<0.01	<0.2	<0.01	11.5	0.01	0.04	<0.02	<2	0.45	0.093
T240	Vegetation	<0.01	1.78	0.04	43.6	11	0.3	0.02	729	0.004	<0.1	<0.01	<0.2	<0.01	5.1	<0.01	<0.02	<0.02	<2	0.42	0.087
T241	Vegetation	<0.01	2.14	0.06	35.5	18	0.4	0.02	626	0.004	<0.1	<0.01	<0.2	<0.01	4.5	<0.01	<0.02	<0.02	<2	0.35	0.095
T242	Vegetation	<0.01	1.58	0.05	34.5	7	0.2	0.02	861	0.006	<0.1	<0.01	<0.2	<0.01	5.2	<0.01	<0.02	<0.02	<2	0.54	0.092
T243	Vegetation	<0.01	1.52	0.04	29.8	13	0.2	0.10	1581	0.006	<0.1	<0.01	<0.2	<0.01	14.0	0.02	<0.02	<0.02	<2	0.64	0.070

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Analyte	Method	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101								
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		ppm	ppm	%	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	0.01	0.1	0.001	0.1	1	0.01	0.001	0.01	0.1	0.1	0.02	0.01	1	0.1	0.02	0.1
T164	Vegetation	<0.01	1.4	0.062	40.8	2	5	<0.01	<0.001	0.24	<0.1	0.3	<0.02	0.02	11	<0.1	<0.02	<0.1
T166	Vegetation	<0.01	1.3	0.070	47.8	2	3	<0.01	<0.001	0.24	<0.1	0.2	<0.02	0.02	15	0.1	<0.02	<0.1
T167	Vegetation	<0.01	1.3	0.088	73.7	2	4	<0.01	<0.001	0.26	<0.1	0.4	<0.02	0.04	15	0.1	<0.02	<0.1
T168	Vegetation	<0.01	1.4	0.084	57.7	3	3	<0.01	<0.001	0.29	<0.1	0.2	<0.02	0.05	12	0.1	<0.02	<0.1
T176	Vegetation	0.01	1.4	0.063	98.9	3	15	<0.01	0.001	0.20	<0.1	0.2	<0.02	0.06	16	<0.1	<0.02	<0.1
T178	Vegetation	<0.01	1.3	0.075	73.4	2	4	<0.01	<0.001	0.24	<0.1	0.3	<0.02	0.08	11	0.1	<0.02	<0.1
T182	Vegetation	<0.01	1.4	0.095	80.4	3	5	<0.01	<0.001	0.35	<0.1	0.3	<0.02	0.06	9	<0.1	<0.02	<0.1
T186	Vegetation	<0.01	1.3	0.099	73.1	2	6	<0.01	<0.001	0.29	<0.1	0.3	<0.02	0.09	11	<0.1	<0.02	<0.1
T187	Vegetation	<0.01	1.4	0.083	59.7	3	7	<0.01	0.001	0.35	<0.1	0.3	<0.02	0.09	12	<0.1	<0.02	<0.1
T189	Vegetation	<0.01	1.5	0.085	36.8	3	12	<0.01	0.001	0.32	<0.1	0.2	<0.02	0.10	12	<0.1	<0.02	<0.1
T190	Vegetation	<0.01	1.4	0.064	22.3	3	5	<0.01	<0.001	0.39	<0.1	0.3	<0.02	0.09	9	<0.1	<0.02	<0.1
T191	Vegetation	<0.01	1.4	0.091	50.0	2	3	<0.01	0.001	0.24	<0.1	0.2	<0.02	<0.01	6	<0.1	<0.02	<0.1
T193	Vegetation	<0.01	1.4	0.061	60.7	2	5	<0.01	<0.001	0.27	<0.1	0.2	<0.02	0.01	16	0.1	<0.02	<0.1
T199	Vegetation	<0.01	1.4	0.066	49.3	2	4	<0.01	<0.001	0.32	<0.1	0.2	<0.02	0.04	9	<0.1	<0.02	<0.1
T200	Vegetation	<0.01	1.4	0.069	17.0	2	3	<0.01	<0.001	0.35	<0.1	0.3	<0.02	0.07	6	<0.1	<0.02	<0.1
T202	Vegetation	<0.01	1.3	0.084	41.9	2	7	<0.01	<0.001	0.23	<0.1	0.3	<0.02	0.06	13	0.1	<0.02	<0.1
T203	Vegetation	<0.01	1.4	0.086	27.6	2	3	<0.01	<0.001	0.30	<0.1	0.4	<0.02	0.06	9	<0.1	<0.02	<0.1
T204	Vegetation	<0.01	1.5	0.064	35.6	2	6	<0.01	<0.001	0.32	<0.1	0.3	<0.02	0.07	8	0.1	<0.02	<0.1
T205	Vegetation	<0.01	1.4	0.065	43.9	2	7	<0.01	<0.001	0.37	<0.1	0.3	<0.02	0.08	15	0.1	<0.02	<0.1
T207	Vegetation	<0.01	1.4	0.072	20.7	3	2	<0.01	<0.001	0.30	<0.1	0.3	<0.02	0.06	10	<0.1	<0.02	<0.1
T208	Vegetation	<0.01	1.4	0.072	11.2	3	4	<0.01	<0.001	0.41	<0.1	0.3	<0.02	0.08	7	<0.1	<0.02	<0.1
T209	Vegetation	<0.01	1.4	0.072	56.7	3	3	<0.01	0.001	0.34	<0.1	0.3	<0.02	0.08	12	<0.1	<0.02	<0.1
T210	Vegetation	<0.01	1.5	0.053	67.4	2	4	<0.01	<0.001	0.33	<0.1	0.3	<0.02	0.09	17	<0.1	<0.02	<0.1
T211	Vegetation	<0.01	1.4	0.080	48.9	2	4	<0.01	0.001	0.30	<0.1	0.4	<0.02	0.10	12	<0.1	<0.02	<0.1
T213	Vegetation	<0.01	1.5	0.065	72.7	2	2	<0.01	0.002	0.34	<0.1	0.3	<0.02	0.10	10	<0.1	<0.02	<0.1
T228	Vegetation	<0.01	1.3	0.072	50.5	3	4	<0.01	<0.001	0.39	<0.1	0.3	<0.02	0.09	8	<0.1	<0.02	<0.1
T240	Vegetation	<0.01	1.3	0.117	5.5	3	2	<0.01	<0.001	0.27	<0.1	0.3	<0.02	0.08	10	0.1	<0.02	<0.1
T241	Vegetation	<0.01	1.5	0.088	7.0	3	2	<0.01	<0.001	0.33	<0.1	0.2	<0.02	0.09	5	0.1	<0.02	<0.1
T242	Vegetation	<0.01	1.4	0.078	11.3	3	2	<0.01	<0.001	0.41	<0.1	0.2	<0.02	0.08	10	0.1	<0.02	<0.1
T243	Vegetation	<0.01	1.4	0.076	46.9	2	2	<0.01	<0.001	0.28	<0.1	0.3	<0.02	0.09	10	<0.1	<0.02	<0.1

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Method	Analyte	VG101																			
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.01	0.01	0.01	0.1	2	0.1	0.01	1	0.001	0.1	0.01	0.2	0.01	0.5	0.01	0.02	0.02	2	0.01	0.001
T244	Vegetation	<0.01	2.53	0.05	41.7	9	0.5	0.03	1095	0.005	<0.1	<0.01	<0.2	<0.01	9.5	<0.01	0.02	<0.02	<2	0.54	0.074
T245	Vegetation	<0.01	1.29	0.08	63.6	29	0.4	0.03	2253	0.007	<0.1	<0.01	<0.2	<0.01	19.2	0.05	0.03	<0.02	<2	0.72	0.054
T246	Vegetation	<0.01	1.28	0.04	46.6	9	0.2	0.03	1045	0.005	0.2	<0.01	<0.2	<0.01	10.6	<0.01	<0.02	<0.02	<2	0.48	0.075
T247	Vegetation	<0.01	1.51	0.07	34.8	12	0.1	0.02	796	0.004	<0.1	<0.01	<0.2	<0.01	10.3	0.01	0.03	<0.02	<2	0.46	0.063
T249	Vegetation	0.02	1.57	0.06	37.4	25	0.5	0.03	1218	0.004	<0.1	<0.01	<0.2	<0.01	14.9	<0.01	0.06	<0.02	<2	0.69	0.071
T252	Vegetation	<0.01	1.53	0.06	41.3	11	0.2	<0.01	575	0.004	<0.1	<0.01	<0.2	<0.01	5.6	<0.01	0.04	<0.02	<2	0.40	0.086
T253	Vegetation	0.02	1.63	0.06	50.5	47	0.9	0.02	882	0.006	<0.1	<0.01	<0.2	<0.01	19.3	0.01	0.06	<0.02	<2	0.73	0.087
T272	Vegetation	<0.01	1.03	0.06	55.1	9	0.2	0.02	1361	0.007	0.2	<0.01	<0.2	<0.01	10.6	<0.01	0.04	<0.02	<2	0.72	0.064
T273	Vegetation	<0.01	1.44	0.07	108.0	15	0.5	0.05	1331	0.007	0.2	<0.01	<0.2	<0.01	21.1	0.02	0.05	<0.02	<2	0.94	0.066
T277	Vegetation	<0.01	1.35	0.08	67.4	14	0.2	0.03	1006	0.008	<0.1	<0.01	<0.2	<0.01	20.7	<0.01	0.03	<0.02	<2	1.07	0.067
T279	Vegetation	<0.01	0.98	0.07	56.8	15	0.2	0.01	606	0.007	0.1	<0.01	<0.2	<0.01	13.0	<0.01	0.03	<0.02	<2	0.61	0.061
T294	Vegetation	0.04	1.29	0.06	49.4	13	0.1	0.01	602	0.006	<0.1	<0.01	<0.2	<0.01	25.8	<0.01	0.03	<0.02	<2	0.70	0.091
C3	Vegetation	0.03	1.12	0.06	98.5	21	<0.1	0.03	328	0.008	0.2	<0.01	<0.2	<0.01	61.0	<0.01	0.03	<0.02	<2	1.13	0.063
C4	Vegetation	<0.01	1.11	0.05	49.3	8	0.1	<0.01	1019	0.005	<0.1	<0.01	<0.2	<0.01	20.1	0.02	0.02	<0.02	<2	0.67	0.070
C12	Vegetation	<0.01	1.66	0.08	43.1	9	0.2	0.02	1020	0.007	0.2	<0.01	0.3	<0.01	25.7	<0.01	0.03	<0.02	<2	0.79	0.080
C13	Vegetation	<0.01	1.41	0.05	73.9	10	0.2	0.03	1057	0.007	<0.1	<0.01	0.6	<0.01	21.3	<0.01	0.04	<0.02	<2	0.84	0.070
C20	Vegetation	0.15	2.04	0.07	56.0	23	0.3	0.02	917	0.007	<0.1	<0.01	0.6	<0.01	25.5	0.04	0.02	<0.02	<2	0.96	0.073
C21	Vegetation	0.12	1.10	0.05	46.2	17	0.2	0.04	1043	0.006	0.3	<0.01	<0.2	<0.01	19.6	0.02	0.02	<0.02	<2	0.73	0.076
C22	Vegetation	0.14	1.31	0.06	43.5	5	0.1	0.03	686	0.004	<0.1	<0.01	0.4	<0.01	13.8	<0.01	0.02	<0.02	<2	0.49	0.079
C24	Vegetation	0.05	1.38	0.06	37.9	17	0.8	0.10	1238	0.006	<0.1	<0.01	0.4	<0.01	21.9	0.02	0.02	<0.02	<2	0.73	0.096
C29	Vegetation	0.08	2.25	0.05	31.4	20	1.5	0.07	780	0.005	0.2	<0.01	0.5	<0.01	11.5	<0.01	0.02	<0.02	<2	0.54	0.153
C30	Vegetation	<0.01	1.87	0.08	45.9	11	0.3	0.05	1430	0.005	0.2	<0.01	0.4	<0.01	19.4	0.03	0.03	<0.02	<2	0.58	0.115
C31	Vegetation	0.04	0.86	0.07	52.3	5	<0.1	0.03	491	0.007	<0.1	<0.01	0.3	<0.01	19.8	<0.01	0.03	<0.02	<2	0.89	0.053
C32	Vegetation	<0.01	1.47	0.08	45.2	11	0.2	0.03	833	0.005	0.1	<0.01	<0.2	<0.01	5.4	<0.01	<0.02	<0.02	<2	0.49	0.075
C33	Vegetation	0.07	1.87	0.09	75.2	7	0.1	0.03	821	0.007	<0.1	<0.01	<0.2	<0.01	16.7	0.02	<0.02	<0.02	<2	0.85	0.066
C34	Vegetation	<0.01	0.93	0.07	39.3	9	0.1	0.01	467	0.005	0.3	<0.01	<0.2	<0.01	8.5	<0.01	<0.02	<0.02	<2	0.54	0.070
C37	Vegetation	<0.01	1.21	0.06	44.1	8	0.4	0.03	1114	0.005	<0.1	<0.01	<0.2	<0.01	8.5	<0.01	0.02	<0.02	<2	0.58	0.069
C40	Vegetation	<0.01	1.72	0.08	56.5	11	0.3	0.01	546	0.006	<0.1	<0.01	<0.2	<0.01	13.6	<0.01	0.02	<0.02	<2	0.62	0.067
C41	Vegetation	<0.01	1.01	0.08	56.2	4	0.2	0.01	701	0.006	0.2	<0.01	<0.2	<0.01	10.2	<0.01	0.03	<0.02	<2	0.75	0.056
C47	Vegetation	0.01	3.11	0.08	30.5	11	0.2	0.01	520	0.004	<0.1	<0.01	0.3	<0.01	9.6	<0.01	0.03	<0.02	<2	0.38	0.068

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6410 Holly Park Drive
Delta BC V4K 4W6 CANADA

Project: CROOKED
Report Date: July 20, 2016

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CERTIFICATE OF ANALYSIS

WHI16000067.1

Method	Analyte	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101								
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		ppm	ppm	%	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	0.01	0.1	0.001	0.1	1	1	0.01	0.001	0.01	0.1	0.1	0.02	0.01	1	0.1	0.02
T244	Vegetation	<0.01	1.3	0.078	23.0	2	3	<0.01	<0.001	0.39	<0.1	0.3	<0.02	0.09	11	0.1	<0.02	<0.1
T245	Vegetation	<0.01	1.3	0.061	90.6	2	5	<0.01	<0.001	0.25	<0.1	0.4	<0.02	0.09	16	0.1	<0.02	<0.1
T246	Vegetation	<0.01	1.4	0.091	30.1	2	3	<0.01	<0.001	0.41	<0.1	0.3	<0.02	0.08	10	<0.1	<0.02	<0.1
T247	Vegetation	<0.01	1.3	0.066	18.5	2	2	<0.01	0.001	0.20	<0.1	0.2	<0.02	0.02	10	0.1	<0.02	<0.1
T249	Vegetation	<0.01	1.3	0.080	56.2	2	4	<0.01	0.001	0.26	<0.1	0.2	<0.02	0.03	10	0.1	<0.02	<0.1
T252	Vegetation	<0.01	1.3	0.091	10.3	2	3	<0.01	0.001	0.38	<0.1	0.2	<0.02	0.04	7	0.1	<0.02	<0.1
T253	Vegetation	<0.01	1.5	0.052	75.7	2	4	<0.01	0.002	0.34	<0.1	0.2	<0.02	0.04	12	0.1	<0.02	<0.1
T272	Vegetation	<0.01	1.4	0.068	25.7	2	3	<0.01	0.002	0.20	<0.1	0.3	<0.02	0.05	11	0.1	<0.02	<0.1
T273	Vegetation	<0.01	1.3	0.081	59.2	2	3	<0.01	0.001	0.28	<0.1	0.2	<0.02	0.09	14	0.1	<0.02	<0.1
T277	Vegetation	<0.01	1.5	0.089	86.6	2	4	<0.01	0.001	0.31	<0.1	0.3	<0.02	0.07	15	<0.1	<0.02	<0.1
T279	Vegetation	<0.01	1.6	0.078	36.8	3	6	<0.01	0.004	0.23	<0.1	0.3	<0.02	0.07	7	<0.1	<0.02	<0.1
T294	Vegetation	<0.01	1.6	0.076	73.6	3	4	<0.01	<0.001	0.37	<0.1	0.2	<0.02	0.09	10	0.1	<0.02	<0.1
C3	Vegetation	<0.01	1.6	0.062	93.2	3	3	<0.01	<0.001	0.37	<0.1	0.3	<0.02	0.08	18	<0.1	<0.02	<0.1
C4	Vegetation	<0.01	1.5	0.060	44.9	3	3	<0.01	<0.001	0.36	<0.1	0.3	<0.02	0.08	18	0.2	<0.02	<0.1
C12	Vegetation	<0.01	1.4	0.073	38.1	3	4	<0.01	<0.001	0.27	<0.1	0.2	<0.02	0.08	8	0.1	<0.02	<0.1
C13	Vegetation	<0.01	1.6	0.072	50.0	3	4	<0.01	<0.001	0.32	<0.1	0.2	<0.02	0.11	11	0.1	<0.02	<0.1
C20	Vegetation	<0.01	1.5	0.056	96.2	3	4	<0.01	<0.001	0.31	<0.1	0.2	<0.02	0.08	15	0.1	<0.02	<0.1
C21	Vegetation	<0.01	1.4	0.041	46.2	3	5	<0.01	<0.001	0.38	<0.1	0.3	<0.02	0.10	12	0.1	<0.02	<0.1
C22	Vegetation	<0.01	1.5	0.057	19.9	3	5	<0.01	0.001	0.34	<0.1	0.3	<0.02	0.08	11	0.1	<0.02	<0.1
C24	Vegetation	<0.01	1.4	0.081	95.4	3	2	<0.01	<0.001	0.29	<0.1	0.3	<0.02	0.09	14	<0.1	<0.02	<0.1
C29	Vegetation	<0.01	1.4	0.086	33.5	4	3	<0.01	<0.001	0.40	<0.1	0.3	<0.02	0.09	5	<0.1	<0.02	<0.1
C30	Vegetation	<0.01	1.3	0.083	68.6	4	4	<0.01	0.002	0.41	<0.1	0.3	<0.02	0.09	9	<0.1	<0.02	<0.1
C31	Vegetation	<0.01	1.5	0.116	50.2	2	17	<0.01	0.001	0.20	<0.1	0.3	<0.02	0.11	13	0.1	<0.02	<0.1
C32	Vegetation	<0.01	1.5	0.101	13.5	3	9	<0.01	<0.001	0.40	<0.1	0.3	<0.02	0.14	6	<0.1	<0.02	<0.1
C33	Vegetation	<0.01	1.5	0.053	40.7	3	9	<0.01	<0.001	0.28	<0.1	0.3	<0.02	0.08	18	<0.1	<0.02	<0.1
C34	Vegetation	<0.01	1.7	0.059	14.0	3	9	<0.01	<0.001	0.27	<0.1	0.3	<0.02	0.10	10	0.1	<0.02	<0.1
C37	Vegetation	<0.01	1.6	0.079	22.8	3	2	<0.01	<0.001	0.25	<0.1	0.3	<0.02	0.10	13	0.1	<0.02	<0.1
C40	Vegetation	<0.01	1.7	0.070	40.3	3	6	<0.01	<0.001	0.32	<0.1	0.3	<0.02	0.10	19	0.1	<0.02	<0.1
C41	Vegetation	<0.01	1.5	0.082	20.9	2	9	<0.01	<0.001	0.23	<0.1	0.3	<0.02	0.09	10	<0.1	<0.02	<0.1
C47	Vegetation	<0.01	1.5	0.088	30.0	2	6	<0.01	<0.001	0.29	<0.1	0.1	<0.02	0.02	10	<0.1	<0.02	<0.1

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Project: CROOKED
Report Date: July 20, 2016

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI16000067.1

Method	Analyte	VG101																			
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.01	1	0.001	0.1	0.01	0.2	0.01	0.5	0.01	0.02	2	0.01	0.001
C48	Vegetation	<0.01	1.20	0.08	77.5	14	0.2	0.03	1532	0.007	<0.1	<0.01	1.3	<0.01	19.3	<0.01	0.05	<0.02	<2	0.79	0.052
C50	Vegetation	<0.01	1.29	0.07	72.6	15	0.2	0.02	1647	0.006	0.2	<0.01	<0.2	<0.01	19.3	<0.01	0.04	<0.02	<2	0.79	0.057
C51	Vegetation	<0.01	1.78	0.05	50.0	22	0.1	0.03	1160	0.005	0.2	<0.01	0.2	<0.01	10.1	<0.01	0.02	<0.02	<2	0.54	0.067
C54	Vegetation	<0.01	2.28	0.05	55.0	11	0.5	0.02	774	0.005	<0.1	<0.01	<0.2	<0.01	15.0	<0.01	<0.02	<0.02	<2	0.66	0.069
C55	Vegetation	<0.01	2.33	0.07	65.9	23	0.4	0.03	561	0.006	0.1	<0.01	0.4	<0.01	17.1	<0.01	0.04	<0.02	<2	0.86	0.073
C56	Vegetation	0.03	1.58	0.06	53.3	18	0.5	0.02	359	0.006	0.2	<0.01	<0.2	<0.01	20.8	<0.01	<0.02	<0.02	<2	0.69	0.067
C57	Vegetation	<0.01	1.62	0.06	71.6	8	0.2	0.04	1445	0.007	0.3	<0.01	<0.2	<0.01	15.9	<0.01	0.03	<0.02	<2	0.88	0.083
C58	Vegetation	<0.01	1.57	0.07	43.9	15	0.6	0.05	1070	0.006	<0.1	<0.01	0.4	<0.01	14.1	0.02	0.05	<0.02	<2	0.72	0.067
C59	Vegetation	<0.01	5.99	0.08	48.8	8	0.2	0.03	1276	0.005	0.2	<0.01	0.3	<0.01	8.5	<0.01	0.04	<0.02	<2	0.58	0.078
C60	Vegetation	<0.01	3.66	0.05	53.8	6	0.5	0.04	1260	0.004	0.2	<0.01	0.3	<0.01	8.4	0.03	0.05	<0.02	<2	0.49	0.081
C62	Vegetation	0.02	3.19	0.11	61.7	10	0.2	0.04	1059	0.007	0.2	<0.01	0.2	<0.01	15.5	<0.01	0.03	<0.02	<2	0.87	0.071
C63	Vegetation	0.11	3.35	0.06	42.4	14	0.8	0.15	1529	0.005	0.3	<0.01	<0.2	<0.01	17.8	0.12	0.02	<0.02	<2	0.56	0.101
C64	Vegetation	0.03	2.06	0.07	64.8	13	0.1	0.04	1056	0.006	<0.1	<0.01	0.4	<0.01	10.8	<0.01	0.03	<0.02	<2	0.61	0.059
C65	Vegetation	0.04	1.99	0.06	47.3	21	0.2	0.05	1564	0.005	<0.1	<0.01	0.2	<0.01	15.7	0.04	0.02	<0.02	<2	0.69	0.080
C67	Vegetation	<0.01	2.37	0.11	43.1	25	0.2	0.03	947	0.007	0.2	<0.01	0.3	<0.01	14.9	<0.01	<0.02	<0.02	<2	0.71	0.060
C68	Vegetation	L.N.R.																			
C69	Vegetation	<0.01	2.22	0.06	47.7	18	0.2	0.07	2151	0.005	<0.1	<0.01	0.8	<0.01	10.3	0.01	<0.02	<0.02	<2	0.61	0.056
C70	Vegetation	<0.01	1.71	0.07	67.0	18	0.2	0.04	1733	0.006	0.1	<0.01	0.4	<0.01	9.2	0.02	0.03	<0.02	<2	0.60	0.058
C71	Vegetation	<0.01	2.27	0.07	64.2	12	<0.1	0.02	2508	0.006	0.2	<0.01	0.2	<0.01	12.8	<0.01	<0.02	<0.02	<2	0.77	0.057
C72	Vegetation	<0.01	2.39	0.07	48.0	13	0.2	0.03	1189	0.005	<0.1	<0.01	0.2	<0.01	11.8	<0.01	0.02	<0.02	<2	0.70	0.067
C73	Vegetation	0.01	1.36	0.05	47.2	10	0.1	0.02	355	0.005	0.1	<0.01	<0.2	<0.01	19.9	<0.01	0.05	<0.02	<2	0.53	0.082
C74	Vegetation	<0.01	2.71	0.07	73.5	9	0.1	0.04	1440	0.009	<0.1	<0.01	<0.2	<0.01	27.4	0.02	0.04	<0.02	<2	1.16	0.077
C75	Vegetation	<0.01	2.09	0.05	50.6	10	0.1	0.02	613	0.004	0.2	<0.01	<0.2	<0.01	15.0	<0.01	0.02	<0.02	<2	0.44	0.057
C80	Vegetation	<0.01	1.86	0.07	63.4	24	0.2	0.03	1094	0.006	0.1	<0.01	<0.2	<0.01	14.8	<0.01	0.04	<0.02	<2	0.69	0.061
C81	Vegetation	<0.01	3.42	0.10	62.5	13	0.2	0.04	964	0.007	<0.1	<0.01	<0.2	<0.01	26.2	<0.01	0.05	<0.02	<2	0.95	0.059
C82	Vegetation	0.01	2.18	0.09	58.9	19	0.4	0.06	2193	0.007	<0.1	<0.01	<0.2	<0.01	12.3	<0.01	0.02	<0.02	<2	0.85	0.058
C83	Vegetation	<0.01	1.86	0.07	53.2	11	0.2	0.04	1039	0.007	0.2	<0.01	<0.2	<0.01	15.8	<0.01	0.03	<0.02	<2	0.88	0.051
C84	Vegetation	0.01	2.41	0.05	58.9	14	0.3	0.04	1388	0.006	<0.1	<0.01	<0.2	<0.01	12.3	0.02	0.02	<0.02	<2	0.74	0.078
C94	Vegetation	0.02	2.39	0.06	36.9	18	1.0	0.12	775	0.005	<0.1	<0.01	0.4	<0.01	11.5	<0.01	0.03	<0.02	<2	0.53	0.097
C95	Vegetation	<0.01	2.05	0.06	47.4	12	0.2	0.04	1054	0.005	<0.1	<0.01	<0.2	<0.01	7.3	<0.01	0.04	<0.02	<2	0.54	0.053

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Part: 2 of 2

CERTIFICATE OF ANALYSIS

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Analyte	Method	VG101																
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		ppm	ppm	%	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	0.01	0.1	0.001	0.1	1	1	0.001	0.01	0.1	0.1	0.02	0.01	1	0.1	0.02	0.1
C48	Vegetation	<0.01	1.3	0.070	62.7	2	5	<0.01	<0.001	0.24	<0.1	0.2	<0.02	0.02	6	<0.1	<0.02	<0.1
C50	Vegetation	<0.01	1.3	0.082	68.9	2	10	<0.01	0.001	0.26	<0.1	0.3	<0.02	0.05	11	<0.1	<0.02	<0.1
C51	Vegetation	<0.01	1.4	0.066	39.3	2	3	<0.01	<0.001	0.26	<0.1	0.2	<0.02	0.05	10	<0.1	<0.02	<0.1
C54	Vegetation	<0.01	1.5	0.069	54.6	3	5	<0.01	<0.001	0.32	<0.1	0.2	<0.02	0.05	16	<0.1	<0.02	<0.1
C55	Vegetation	<0.01	1.5	0.070	45.0	3	18	<0.01	<0.001	0.37	<0.1	0.3	<0.02	0.08	14	<0.1	<0.02	<0.1
C56	Vegetation	<0.01	1.5	0.052	96.9	3	8	<0.01	<0.001	0.45	<0.1	0.3	<0.02	0.09	15	<0.1	<0.02	<0.1
C57	Vegetation	<0.01	1.4	0.053	47.2	3	7	<0.01	<0.001	0.33	<0.1	0.3	<0.02	0.09	15	<0.1	<0.02	<0.1
C58	Vegetation	<0.01	1.4	0.064	49.5	3	4	<0.01	<0.001	0.26	<0.1	0.2	<0.02	0.09	13	<0.1	<0.02	<0.1
C59	Vegetation	<0.01	1.3	0.055	19.1	3	6	<0.01	<0.001	0.29	<0.1	0.1	<0.02	0.03	8	<0.1	<0.02	<0.1
C60	Vegetation	<0.01	1.2	0.092	26.2	3	3	<0.01	<0.001	0.32	<0.1	0.2	<0.02	0.04	9	0.2	<0.02	<0.1
C62	Vegetation	<0.01	1.4	0.060	31.9	3	3	<0.01	<0.001	0.25	<0.1	0.3	<0.02	0.04	16	<0.1	<0.02	<0.1
C63	Vegetation	<0.01	1.3	0.071	60.7	3	3	<0.01	<0.001	0.37	<0.1	0.3	<0.02	0.07	10	<0.1	<0.02	<0.1
C64	Vegetation	<0.01	1.3	0.067	37.5	2	8	<0.01	<0.001	0.25	<0.1	0.2	<0.02	0.06	14	<0.1	<0.02	<0.1
C65	Vegetation	<0.01	1.4	0.069	36.3	3	4	<0.01	<0.001	0.38	<0.1	0.2	<0.02	0.07	13	<0.1	<0.02	<0.1
C67	Vegetation	<0.01	1.4	0.053	45.5	3	4	<0.01	<0.001	0.27	<0.1	0.3	<0.02	0.06	17	<0.1	<0.02	<0.1
C68	Vegetation	L.N.R.																
C69	Vegetation	<0.01	1.4	0.086	38.4	2	4	<0.01	<0.001	0.21	<0.1	0.3	<0.02	0.08	9	<0.1	<0.02	<0.1
C70	Vegetation	<0.01	1.4	0.084	19.9	2	3	<0.01	<0.001	0.23	<0.1	0.2	<0.02	0.09	13	<0.1	<0.02	<0.1
C71	Vegetation	<0.01	1.5	0.082	36.0	2	3	<0.01	<0.001	0.17	<0.1	0.2	<0.02	0.02	15	<0.1	<0.02	<0.1
C72	Vegetation	<0.01	1.3	0.070	25.9	2	3	<0.01	<0.001	0.24	<0.1	0.3	<0.02	0.04	17	<0.1	<0.02	<0.1
C73	Vegetation	<0.01	1.6	0.074	79.8	3	3	<0.01	<0.001	0.30	<0.1	0.2	<0.02	0.05	9	0.1	<0.02	<0.1
C74	Vegetation	<0.01	1.4	0.073	47.1	3	3	<0.01	0.001	0.25	<0.1	0.2	<0.02	0.08	16	<0.1	<0.02	<0.1
C75	Vegetation	<0.01	1.5	0.068	39.9	2	3	<0.01	<0.001	0.26	<0.1	0.3	<0.02	0.08	12	<0.1	<0.02	<0.1
C80	Vegetation	<0.01	1.6	0.091	41.3	2	3	<0.01	<0.001	0.25	<0.1	0.3	<0.02	0.08	17	<0.1	<0.02	<0.1
C81	Vegetation	<0.01	1.5	0.086	69.6	3	4	<0.01	0.002	0.27	<0.1	0.3	<0.02	0.09	13	<0.1	<0.02	<0.1
C82	Vegetation	<0.01	1.6	0.083	52.2	2	3	<0.01	<0.001	0.26	<0.1	0.2	<0.02	0.09	10	<0.1	<0.02	<0.1
C83	Vegetation	<0.01	1.5	0.067	43.7	2	2	<0.01	<0.001	0.20	<0.1	0.2	<0.02	0.09	17	<0.1	<0.02	<0.1
C84	Vegetation	<0.01	1.4	0.061	25.8	3	3	<0.01	<0.001	0.35	<0.1	0.3	<0.02	0.10	13	<0.1	<0.02	<0.1
C94	Vegetation	<0.01	1.5	0.099	37.7	3	2	<0.01	<0.001	0.31	<0.1	0.3	<0.02	0.09	10	<0.1	<0.02	<0.1
C95	Vegetation	<0.01	1.5	0.079	20.7	2	3	<0.01	<0.001	0.23	<0.1	0.2	<0.02	0.10	15	0.1	<0.02	<0.1

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Client: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6 CANADA

Project: CROOKED
Report Date: July 20, 2016

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI16000067.1

Method	Analyte	VG101																			
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	%	%	
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.01	1	0.001	0.1	0.01	0.2	0.01	0.5	0.01	0.02	2	0.01	
C96	Vegetation	<0.01	3.68	0.09	40.2	10	0.2	0.04	1119	0.006	<0.1	<0.01	<0.2	<0.01	12.7	<0.01	0.05	<0.02	<2	0.71	0.063
C97	Vegetation	<0.01	2.83	0.09	63.8	14	0.3	0.04	1244	0.007	<0.1	<0.01	<0.2	<0.01	13.2	<0.01	0.03	<0.02	<2	0.72	0.058
C99	Vegetation	<0.01	2.08	0.07	58.4	7	0.2	0.04	806	0.006	<0.1	<0.01	<0.2	<0.01	10.3	<0.01	0.02	<0.02	<2	0.60	0.084
C100	Vegetation	0.01	1.53	0.08	48.6	13	<0.1	0.02	556	0.005	0.1	<0.01	0.2	<0.01	11.4	<0.01	0.02	<0.02	<2	0.47	0.106
C101	Vegetation	<0.01	2.56	0.07	43.6	11	0.4	0.06	1176	0.005	<0.1	<0.01	0.2	<0.01	14.7	0.01	0.02	<0.02	<2	0.61	0.058
C102	Vegetation	<0.01	1.80	0.06	38.1	11	0.8	0.09	769	0.005	<0.1	<0.01	<0.2	<0.01	14.7	<0.01	<0.02	<0.02	<2	0.51	0.073
C109	Vegetation	<0.01	1.99	0.06	54.2	16	0.1	0.02	1393	0.007	<0.1	<0.01	<0.2	<0.01	11.4	0.01	0.04	<0.02	<2	0.81	0.098
C110	Vegetation	0.01	1.31	0.06	42.1	8	0.5	0.05	681	0.007	0.1	<0.01	<0.2	<0.01	29.2	<0.01	0.04	<0.02	<2	0.83	0.089
C122	Vegetation	<0.01	2.68	0.08	40.5	10	0.2	0.03	933	0.005	<0.1	<0.01	<0.2	<0.01	9.0	<0.01	0.03	<0.02	<2	0.54	0.069
C123	Vegetation	<0.01	2.54	0.05	63.1	25	0.4	0.03	930	0.005	0.1	<0.01	<0.2	<0.01	8.3	<0.01	0.03	<0.02	<2	0.61	0.059
C124	Vegetation	<0.01	1.74	0.04	45.0	11	0.1	0.02	513	0.004	<0.1	<0.01	<0.2	<0.01	18.3	<0.01	0.04	<0.02	<2	0.41	0.065
C125	Vegetation	<0.01	2.15	0.09	53.3	12	0.1	0.05	1049	0.007	<0.1	<0.01	0.2	<0.01	13.8	<0.01	0.03	<0.02	<2	0.78	0.060
C126	Vegetation	0.05	2.02	0.05	32.9	27	0.3	0.03	638	0.005	<0.1	<0.01	<0.2	<0.01	10.2	<0.01	0.04	<0.02	<2	0.51	0.090
C127	Vegetation	0.01	1.69	0.04	39.2	7	0.2	0.03	831	0.005	<0.1	<0.01	0.4	<0.01	7.6	<0.01	0.03	<0.02	<2	0.54	0.080
C128	Vegetation	<0.01	1.55	0.06	45.5	7	<0.1	0.03	905	0.004	0.4	<0.01	0.3	<0.01	9.7	<0.01	0.04	0.03	<2	0.55	0.060
C132	Vegetation	0.17	2.11	0.04	30.7	33	1.1	0.28	1884	0.003	<0.1	<0.01	0.4	<0.01	13.7	0.09	0.03	<0.02	<2	0.49	0.137
C145	Vegetation	<0.01	2.14	0.10	78.6	9	0.2	0.02	1198	0.008	0.2	<0.01	1.6	<0.01	10.0	<0.01	0.04	<0.02	<2	0.82	0.058
C146	Vegetation	<0.01	2.38	0.12	69.4	38	0.1	0.03	1864	0.008	0.3	<0.01	1.1	<0.01	15.6	0.02	0.03	<0.02	<2	0.78	0.054
C147	Vegetation	<0.01	1.67	0.13	85.3	6	0.1	0.03	1318	0.009	<0.1	<0.01	1.4	<0.01	24.4	0.02	0.06	<0.02	<2	0.95	0.062
C149	Vegetation	<0.01	2.11	0.10	47.3	21	0.3	0.07	585	0.007	0.1	<0.01	1.3	<0.01	13.1	<0.01	0.04	<0.02	<2	0.67	0.047
C150	Vegetation	<0.01	1.99	0.12	48.1	14	0.4	0.05	1260	0.007	<0.1	<0.01	1.1	<0.01	10.9	<0.01	0.05	<0.02	<2	0.61	0.066
C151	Vegetation	0.07	2.39	0.06	35.9	21	3.0	0.16	554	0.006	0.2	<0.01	1.8	<0.01	28.5	<0.01	<0.02	<0.02	<2	0.62	0.114
C152	Vegetation	<0.01	1.63	0.05	30.3	9	1.0	0.09	1076	0.005	0.1	<0.01	1.0	<0.01	14.3	0.05	0.02	<0.02	<2	0.58	0.090
C153	Vegetation	0.02	1.26	0.08	39.5	16	1.1	0.05	958	0.007	0.1	<0.01	1.1	<0.01	23.6	<0.01	0.03	<0.02	<2	0.83	0.089
C154	Vegetation	<0.01	1.71	0.30	44.9	25	0.4	0.05	938	0.006	<0.1	<0.01	2.6	<0.01	11.2	<0.01	0.05	<0.02	<2	0.46	0.069
C160	Vegetation	<0.01	1.59	0.06	29.3	20	0.3	0.07	1513	0.008	<0.1	<0.01	0.6	<0.01	17.4	0.06	0.03	<0.02	<2	0.87	0.061
C162	Vegetation	0.04	1.65	0.09	53.3	18	0.4	0.03	574	0.007	0.3	<0.01	2.0	<0.01	10.8	<0.01	0.05	<0.02	<2	0.60	0.061
C165	Vegetation	0.01	1.52	0.04	73.0	6	0.1	0.03	861	0.007	0.3	<0.01	0.4	<0.01	10.2	<0.01	<0.02	<0.02	<2	0.73	0.067
C167	Vegetation	<0.01	1.45	0.07	45.9	13	<0.1	0.02	590	0.006	<0.1	<0.01	0.6	<0.01	11.8	<0.01	0.02	<0.02	<2	0.62	0.078
C86	Vegetation	<0.01	2.42	0.09	47.0	16	0.2	0.02	1129	0.005	<0.1	<0.01	<0.2	<0.01	10.4	<0.01	0.03	<0.02	<2	0.53	0.082

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Project: CROOKED
Report Date: July 20, 2016

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Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI16000067.1

Method	Analyte	VG101																	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	
		ppm	ppm	%	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	
		0.01	0.1	0.001	0.1	1	1	0.01	0.001	0.01	0.1	0.1	0.02	0.01	1	0.1	0.02	0.1	
C96	Vegetation	<0.01	1.4	0.069	23.4	3	2	<0.01	0.001	0.26	<0.1	0.3	<0.02	0.09	14	0.1	<0.02	<0.1	
C97	Vegetation	<0.01	1.4	0.060	33.0	3	3	<0.01	<0.001	0.27	<0.1	0.3	<0.02	0.11	18	<0.1	<0.02	<0.1	
C99	Vegetation	<0.01	1.5	0.097	35.5	3	1	<0.01	<0.001	0.31	<0.1	0.2	<0.02	0.11	8	<0.1	<0.02	<0.1	
C100	Vegetation	<0.01	1.6	0.062	27.1	3	1	<0.01	<0.001	0.42	<0.1	0.2	<0.02	0.12	12	<0.1	<0.02	<0.1	
C101	Vegetation	<0.01	1.4	0.059	31.3	2	3	<0.01	<0.001	0.29	<0.1	0.3	<0.02	0.09	10	<0.1	<0.02	<0.1	
C102	Vegetation	<0.01	1.5	0.079	61.1	2	2	<0.01	<0.001	0.28	<0.1	0.3	<0.02	0.10	8	0.1	<0.02	<0.1	
C109	Vegetation	<0.01	1.3	0.072	26.4	3	9	<0.01	<0.001	0.33	<0.1	0.3	<0.02	0.12	11	<0.1	<0.02	<0.1	
C110	Vegetation	<0.01	1.5	0.087	81.3	3	4	<0.01	<0.001	0.22	<0.1	0.2	<0.02	0.10	19	<0.1	<0.02	<0.1	
C122	Vegetation	<0.01	1.5	0.082	13.3	3	3	<0.01	0.001	0.30	<0.1	0.3	<0.02	0.11	9	0.1	<0.02	<0.1	
C123	Vegetation	<0.01	1.5	0.087	14.3	2	5	<0.01	<0.001	0.27	<0.1	0.3	<0.02	0.10	10	<0.1	<0.02	<0.1	
C124	Vegetation	<0.01	1.6	0.084	33.7	2	3	<0.01	<0.001	0.29	<0.1	0.2	<0.02	0.12	5	<0.1	<0.02	<0.1	
C125	Vegetation	<0.01	1.5	0.071	21.0	3	3	<0.01	<0.001	0.26	<0.1	0.3	<0.02	0.11	14	<0.1	<0.02	<0.1	
C126	Vegetation	<0.01	1.4	0.078	26.1	3	2	<0.01	0.001	0.35	<0.1	0.2	<0.02	0.10	7	<0.1	<0.02	<0.1	
C127	Vegetation	<0.01	1.4	0.049	18.7	3	3	<0.01	<0.001	0.32	<0.1	0.2	<0.02	0.08	10	<0.1	<0.02	<0.1	
C128	Vegetation	<0.01	1.3	0.074	25.4	2	3	<0.01	<0.001	0.30	<0.1	0.1	<0.02	0.03	4	0.2	<0.02	<0.1	
C132	Vegetation	<0.01	1.3	0.074	96.7	3	3	<0.01	<0.001	0.44	<0.1	0.2	<0.02	<0.01	6	0.1	<0.02	<0.1	
C145	Vegetation	0.01	1.4	0.054	30.7	3	5	<0.01	0.005	0.32	<0.1	0.2	<0.02	<0.01	7	<0.1	<0.02	<0.1	
C146	Vegetation	<0.01	1.4	0.053	67.2	3	4	<0.01	0.004	0.27	<0.1	0.1	<0.02	0.02	20	0.1	<0.02	<0.1	
C147	Vegetation	0.01	1.4	0.059	80.4	3	4	<0.01	0.006	0.21	<0.1	0.2	<0.02	0.06	18	<0.1	<0.02	<0.1	
C149	Vegetation	0.01	1.5	0.075	28.6	3	3	<0.01	0.003	0.23	<0.1	0.3	<0.02	0.07	7	0.1	<0.02	<0.1	
C150	Vegetation	<0.01	1.5	0.063	25.1	2	5	<0.01	0.005	0.39	<0.1	0.2	<0.02	0.08	8	0.1	<0.02	<0.1	
C151	Vegetation	<0.01	1.5	0.098	128.1	3	<1	<0.01	0.003	0.30	<0.1	0.4	<0.02	0.08	5	0.1	<0.02	<0.1	
C152	Vegetation	<0.01	1.5	0.076	67.8	3	3	<0.01	0.003	0.27	<0.1	0.3	<0.02	0.08	10	0.2	<0.02	<0.1	
C153	Vegetation	<0.01	1.6	0.074	78.5	3	2	<0.01	0.004	0.27	<0.1	0.2	<0.02	0.08	10	<0.1	<0.02	<0.1	
C154	Vegetation	0.02	1.6	0.081	32.8	3	2	<0.01	0.004	0.30	<0.1	0.2	<0.02	0.10	9	<0.1	<0.02	<0.1	
C160	Vegetation	<0.01	1.5	0.071	54.9	3	4	<0.01	0.003	0.25	<0.1	0.3	<0.02	0.13	13	0.1	<0.02	<0.1	
C162	Vegetation	0.01	1.6	0.054	34.8	3	2	<0.01	0.005	0.33	<0.1	0.3	<0.02	0.10	18	0.2	<0.02	<0.1	
C165	Vegetation	<0.01	1.5	0.061	18.7	2	3	<0.01	<0.001	0.24	<0.1	0.3	<0.02	0.10	8	0.1	<0.02	<0.1	
C167	Vegetation	<0.01	1.8	0.057	48.6	2	4	<0.01	0.001	0.33	<0.1	0.4	<0.02	0.13	9	0.2	<0.02	<0.1	
C86	Vegetation	<0.01	1.5	0.062	31.4	2	4	<0.01	<0.001	0.27	<0.1	0.2	<0.02	<0.01	6	0.1	<0.02	<0.1	

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

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Method	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.01	0.01	0.1	2	0.1	0.01	1	0.001	0.1	0.01	0.2	0.01	0.5	0.01	0.02	0.02	2	0.01	0.001	
C113	Vegetation	<0.01	1.41	0.09	71.7	24	0.2	0.03	1096	0.006	0.3	<0.01	<0.2	<0.01	9.3	<0.01	0.06	<0.02	<2	0.69	0.064
C114	Vegetation	<0.01	1.80	0.04	52.3	8	0.2	0.01	956	0.005	0.1	<0.01	<0.2	<0.01	8.5	0.01	0.03	<0.02	<2	0.61	0.059
C115	Vegetation	<0.01	1.69	0.06	59.9	5	<0.1	0.04	1078	0.005	<0.1	<0.01	<0.2	<0.01	7.7	<0.01	0.02	<0.02	<2	0.62	0.060
C116	Vegetation	<0.01	1.54	0.06	41.1	9	<0.1	0.03	701	0.005	<0.1	<0.01	0.3	<0.01	9.4	<0.01	0.04	<0.02	<2	0.68	0.060
C117	Vegetation	<0.01	1.55	0.04	43.7	7	0.3	0.04	1565	0.006	<0.1	<0.01	0.3	<0.01	8.6	<0.01	0.02	<0.02	<2	0.62	0.066
C118	Vegetation	<0.01	1.67	0.04	32.7	12	0.4	0.04	684	0.004	0.1	<0.01	<0.2	<0.01	9.3	<0.01	0.03	<0.02	<2	0.50	0.064
C163	Vegetation	0.01	1.72	0.23	79.8	17	0.3	0.03	1079	0.009	<0.1	<0.01	3.4	<0.01	14.6	0.03	0.04	<0.02	<2	0.82	0.052



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Delta BC V4K 4W6 CANADA

Project: CROOKED
Report Date: July 20, 2016

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CERTIFICATE OF ANALYSIS

WHI16000067.1

Method	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101		
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	
	Unit	ppm	ppm	%	ppm	ppm	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	
	MDL	0.01	0.1	0.001	0.1	1	1	0.01	0.001	0.01	0.1	0.1	0.02	0.01	1	0.1	0.02	0.1
C113	Vegetation	<0.01	1.3	0.064	22.4	2	6	<0.01	0.001	0.26	<0.1	0.2	<0.02	<0.01	12	0.2	<0.02	<0.1
C114	Vegetation	<0.01	1.3	0.071	26.9	2	3	<0.01	0.001	0.26	<0.1	0.2	<0.02	<0.01	12	<0.1	<0.02	<0.1
C115	Vegetation	<0.01	1.5	0.081	24.5	2	7	<0.01	<0.001	0.31	<0.1	0.2	<0.02	0.03	8	0.2	<0.02	<0.1
C116	Vegetation	<0.01	1.4	0.079	21.1	2	4	<0.01	0.001	0.28	<0.1	0.2	<0.02	0.05	8	0.2	<0.02	<0.1
C117	Vegetation	<0.01	1.5	0.065	25.1	2	6	<0.01	<0.001	0.33	<0.1	0.2	<0.02	0.08	12	<0.1	<0.02	<0.1
C118	Vegetation	<0.01	1.7	0.074	14.3	2	3	<0.01	<0.001	0.28	<0.1	0.2	<0.02	0.10	10	0.2	<0.02	<0.1
C163	Vegetation	0.02	1.7	0.095	22.9	4	6	<0.01	0.007	0.21	<0.1	0.3	<0.02	0.10	15	0.1	<0.02	<0.1



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QUALITY CONTROL REPORT

WHI16000067.1

Method Analyte Unit MDL	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P		
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%		
	0.01	0.01	0.01	0.1	2	0.1	0.01	1	0.001	0.1	0.01	0.2	0.01	11.0	<0.01	<0.02	<0.02	<2	0.56	0.090		
Pulp Duplicates																						
T207	Vegetation	0.01	2.11	0.10	28.1	5	0.3	0.03	372	0.006	<0.1	<0.01	<0.2	<0.01	11.0	<0.01	<0.02	<0.02	<2	0.56	0.090	
REP T207	QC	<0.01	2.17	0.07	28.5	6	0.3	0.03	371	0.006	<0.1	<0.01	<0.2	<0.01	11.3	<0.01	0.02	<0.02	<2	0.55	0.093	
C31	Vegetation	0.04	0.86	0.07	52.3	5	<0.1	0.03	491	0.007	<0.1	<0.01	0.3	<0.01	19.8	<0.01	0.03	<0.02	<2	0.89	0.053	
REP C31	QC	0.03	0.77	0.06	50.2	5	<0.1	0.03	514	0.007	<0.1	<0.01	<0.2	<0.01	20.8	<0.01	0.04	<0.02	<2	0.92	0.054	
C94	Vegetation	0.02	2.39	0.06	36.9	18	1.0	0.12	775	0.005	<0.1	<0.01	0.4	<0.01	11.5	<0.01	0.03	<0.02	<2	0.53	0.097	
REP C94	QC	0.02	2.42	0.06	36.3	18	0.7	0.10	787	0.005	0.2	<0.01	0.3	<0.01	11.2	<0.01	0.04	<0.02	<2	0.51	0.098	
C116	Vegetation	<0.01	1.54	0.06	41.1	9	<0.1	0.03	701	0.005	<0.1	<0.01	0.3	<0.01	9.4	<0.01	0.04	<0.02	<2	0.68	0.060	
REP C116	QC	<0.01	1.59	0.05	39.2	6	0.1	<0.01	666	0.005	0.1	<0.01	0.6	<0.01	9.1	<0.01	0.03	<0.02	<2	0.66	0.060	
Reference Materials																						
STD CDV-1	Standard	0.19	7.65	1.13	23.0	11	5.3	1.71	378	0.257	1.1	0.15	1.5	0.53	106.7	0.04	0.05	<0.02	9	1.94	0.036	
STD CDV-1	Standard	0.19	9.98	0.96	22.4	10	6.0	1.80	376	0.262	1.3	0.16	2.6	0.59	108.5	0.04	0.03	<0.02	9	1.92	0.038	
STD CDV-1	Standard	0.18	7.84	1.01	20.8	10	6.5	2.04	381	0.275	1.5	0.17	1.8	0.58	109.2	0.03	0.03	<0.02	10	1.96	0.037	
STD CDV-1	Standard	0.15	8.07	0.89	22.5	7	5.8	1.85	378	0.252	1.1	0.16	1.3	0.51	110.3	0.03	0.04	<0.02	9	1.90	0.038	
STD V16	Standard	1.57	6.41	2.68	34.7	37	7.8	1.10	689	0.452	1.3	<0.01	1.1	<0.01	10.2	0.07	0.06	<0.02	170	0.31	0.045	
STD V16	Standard	1.90	7.39	2.94	38.9	36	8.3	1.25	701	0.485	1.4	<0.01	2.3	<0.01	10.6	0.08	0.07	<0.02	185	0.31	0.045	
STD V16	Standard	1.67	5.92	2.87	37.1	38	7.1	0.96	695	0.391	1.6	<0.01	1.0	<0.01	9.8	0.09	0.06	<0.02	154	0.33	0.046	
STD V16	Standard	1.54	6.56	2.79	37.9	35	7.8	1.15	714	0.447	1.6	<0.01	1.0	<0.01	10.1	0.07	0.07	<0.02	160	0.30	0.044	
STD V16 Expected		1.6	6.69	2.8	39.2	40	7.48	1.11	720	0.4035	1.6		1		11	0.086	0.07		0.3	0.0488		
STD CDV-1 Expected		0.2	8.61	1	23.3	9	6.4	2	385	0.256	1.3	0.17	2.3	0.61	112	0.04	0.03	0.02	8.7	1.94	0.038	
FLOUR	Blank	0.55	3.20	0.14	25.4	<2	0.2	0.02	32	0.004	<0.1	<0.01	<0.2	<0.01	1.3	0.03	<0.02	<0.02	<2	0.03	0.331	
BLK	Blank	<0.01	<0.01	0.01	<0.1	<2	<0.1	<0.01	<1	<0.001	<0.1	<0.01	<0.2	<0.01	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001	
FLOUR	Blank	0.52	3.23	0.02	24.7	<2	0.2	<0.01	28	0.003	<0.1	<0.01	<0.2	<0.01	1.1	0.02	<0.02	<0.02	<2	0.03	0.309	
BLK	Blank	<0.01	<0.01	0.01	<0.1	<2	<0.1	<0.01	<1	<0.001	0.1	<0.01	<0.2	<0.01	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001	
FLOUR	Blank	0.54	3.44	0.04	25.3	<2	0.2	<0.01	32	0.004	<0.1	<0.01	<0.2	<0.01	1.3	0.03	<0.02	<0.02	<2	0.03	0.356	
BLK	Blank	<0.01	<0.01	0.02	0.1	<2	<0.1	<0.01	<1	<0.001	0.2	<0.01	<0.2	<0.01	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001	
FLOUR	Blank	0.52	3.12	0.02	25.5	<2	0.2	0.02	31	0.004	<0.1	<0.01	0.6	<0.01	1.3	0.02	<0.02	0.09	<2	0.03	0.309	
BLK	Blank	<0.01	<0.01	<0.01	0.2	<2	<0.1	<0.01	<1	<0.001	<0.1	<0.01	<0.2	<0.01	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001	
Prep Wash																						

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.



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QUALITY CONTROL REPORT

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Method	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	
Unit	ppm	ppm	%	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	
MDL	0.01	0.1	0.001	0.1	1	1	0.01	0.001	0.01	0.1	0.1	0.02	0.01	1	0.1	0.02	0.1	
Pulp Duplicates																		
T207	Vegetation	<0.01	1.4	0.072	20.7	3	2	<0.01	<0.001	0.30	<0.1	0.3	<0.02	0.06	10	<0.1	<0.02	<0.1
REP T207	QC	<0.01	1.5	0.070	20.1	3	2	<0.01	<0.001	0.29	<0.1	0.3	<0.02	0.08	6	<0.1	<0.02	<0.1
C31	Vegetation	<0.01	1.5	0.116	50.2	2	17	<0.01	0.001	0.20	<0.1	0.3	<0.02	0.11	13	0.1	<0.02	<0.1
REP C31	QC	<0.01	1.5	0.112	52.1	2	18	<0.01	<0.001	0.23	<0.1	0.2	<0.02	0.11	14	<0.1	<0.02	<0.1
C94	Vegetation	<0.01	1.5	0.099	37.7	3	2	<0.01	<0.001	0.31	<0.1	0.3	<0.02	0.09	10	<0.1	<0.02	<0.1
REP C94	QC	<0.01	1.5	0.100	38.6	3	2	<0.01	<0.001	0.31	<0.1	0.2	<0.02	0.10	7	<0.1	<0.02	<0.1
C116	Vegetation	<0.01	1.4	0.079	21.1	2	4	<0.01	0.001	0.28	<0.1	0.2	<0.02	0.05	8	0.2	<0.02	<0.1
REP C116	QC	<0.01	1.7	0.079	20.4	2	5	<0.01	<0.001	0.27	<0.1	0.2	<0.02	0.08	4	<0.1	<0.02	<0.1
Reference Materials																		
STD CDV-1	Standard	2.24	11.7	0.119	8.1	26	12	0.14	0.006	0.18	<0.1	0.9	<0.02	0.13	46	0.3	<0.02	0.5
STD CDV-1	Standard	2.29	12.1	0.121	9.3	29	11	0.15	0.006	0.16	<0.1	0.9	<0.02	0.13	51	0.2	<0.02	0.5
STD CDV-1	Standard	2.41	13.5	0.124	9.4	32	13	0.16	0.006	0.16	<0.1	0.9	<0.02	0.14	42	0.3	<0.02	0.6
STD CDV-1	Standard	2.27	11.6	0.123	8.3	27	12	0.13	0.005	0.16	<0.1	0.8	<0.02	0.14	45	0.4	<0.02	0.5
STD V16	Standard	0.05	350.1	0.056	2.2	10	5	0.04	0.001	0.22	<0.1	0.3	<0.02	0.02	38	0.1	<0.02	0.1
STD V16	Standard	0.04	366.5	0.053	2.1	12	5	0.04	0.001	0.21	<0.1	0.3	<0.02	0.02	53	0.1	<0.02	0.1
STD V16	Standard	0.05	301.8	0.054	2.3	12	5	0.04	0.002	0.22	<0.1	0.2	<0.02	0.02	52	0.1	<0.02	0.1
STD V16	Standard	0.04	331.8	0.055	2.4	10	5	0.04	0.003	0.20	<0.1	0.2	<0.02	0.01	44	0.2	<0.02	0.1
STD V16 Expected		0.05	323.1	0.0525	2.2	10.9	5	0.0454	0.0015	0.22				0.0232	50		0.16	
STD CDV-1 Expected		2.31	12.1	0.12	9	30	12	0.15	0.0052	0.18				0.1	41	0.3	0.5	
FLOUR	Blank	<0.01	1.6	0.137	3.2	7	<1	<0.01	0.001	0.30	<0.1	0.2	<0.02	0.19	<1	0.7	<0.02	<0.1
BLK	Blank	<0.01	0.2	<0.001	0.3	<1	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	0.04	<1	<0.1	<0.02	<0.1
FLOUR	Blank	<0.01	1.5	0.124	2.8	7	<1	<0.01	0.001	0.25	<0.1	<0.1	<0.02	0.16	<1	0.5	<0.02	<0.1
BLK	Blank	<0.01	0.1	<0.001	0.2	<1	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	0.02	<1	<0.1	<0.02	<0.1
FLOUR	Blank	<0.01	1.8	0.135	3.3	7	<1	<0.01	0.002	0.32	<0.1	0.3	<0.02	0.17	<1	0.8	<0.02	<0.1
BLK	Blank	<0.01	0.3	<0.001	0.2	<1	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.01	<1	<0.1	<0.02	<0.1
FLOUR	Blank	<0.01	1.4	0.138	3.0	8	<1	<0.01	0.001	0.30	<0.1	0.3	<0.02	0.15	<1	0.6	<0.02	<0.1
BLK	Blank	<0.01	0.3	<0.001	0.2	<1	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.01	<1	0.1	<0.02	<0.1
Prep Wash																		

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QUALITY CONTROL REPORT

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	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P		
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%		
RICE-1	Prep Blank	0.39	0.99	0.03	17.1	<2	0.3	0.04	9	<0.001	<0.1	<0.01	<0.2	<0.01	<0.5	0.01	<0.02	<0.02	<2	<0.01	0.070	
RICE-1	Prep Blank	0.40	1.45	0.04	17.2	4	0.2	0.03	10	<0.001	<0.1	<0.01	<0.2	<0.01	<0.5	<0.01	<0.02	<0.02	<2	<0.01	0.074	



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		VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101	VG101							
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	
		ppm	ppm	%	ppm	ppm	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
RICE-1	Prep Blank	<0.01	1.8	0.013	0.5	2	<1	<0.01	<0.001	0.06	<0.1	0.4	<0.02	0.09	5	0.1	<0.02	<0.1	
RICE-1	Prep Blank	<0.01	1.9	0.016	0.6	2	<1	<0.01	<0.001	0.06	<0.1	0.1	<0.02	0.10	<1	0.2	<0.02	<0.1	