



**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:** Yukon Geological Survey

2099 - 2nd Ave  
P.O. Box 2703 (K-10)  
Whitehorse YT Y1A 1B5 CANADA

Submitted By: Matt Hutchison  
Receiving Lab: Canada-Whitehorse  
Received: October 30, 2015  
Report Date: December 02, 2015  
Page: 1 of 5

## CERTIFICATE OF ANALYSIS

WHI15000269.1

### CLIENT JOB INFORMATION

Project: Hutchison Samples 2015  
Shipment ID:  
P.O. Number  
Number of Samples: 97

### SAMPLE DISPOSAL

RTRN-PLP Return

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: Yukon Geological Survey  
2099 - 2nd Ave  
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Whitehorse YT Y1A 1B5  
CANADA

CC:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	97	Crush, split and pulverize 250 g rock to 200 mesh			WHI
LF202	97	Total Whole Rock Characterization with AQ200	0.2	Completed	VAN
SHP01	97	Per sample shipping charges for branch shipments			VAN

### ADDITIONAL COMMENTS

Insufficient material to check Au, high in Prep Blank.



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 4

# CERTIFICATE OF ANALYSIS

WHI15000269.1

Method	WGHT	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
Analyte	Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	
Unit	kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	
14-MH-001 A	Drill Core	0.10	64.14	17.31	3.91	1.15	4.01	5.01	1.36	0.36	0.11	0.10	<0.002	<20	4	2.3	99.70	1156	4	6.4	0.7
14-MH-001 B	Drill Core	0.08	63.50	16.80	5.52	1.74	2.71	4.23	1.68	0.56	0.24	0.10	<0.002	<20	8	2.6	99.65	1479	<1	8.4	1.5
14-MH-010 0.00	Drill Core	0.10	61.03	14.40	7.04	2.85	2.08	1.66	1.56	0.58	0.15	0.20	0.017	98	14	8.2	99.79	770	3	16.6	2.3
14-MH-010 3.70	Drill Core	0.10	45.74	9.24	5.38	4.30	13.92	1.27	1.33	0.48	0.17	0.33	0.019	57	12	17.6	99.77	664	2	9.0	1.3
14-MH-010 4.20	Drill Core	0.09	59.89	12.70	5.90	3.20	4.71	1.78	1.67	0.61	0.16	0.15	0.024	120	14	9.0	99.78	695	2	16.0	1.9
14-MH-010 5.00	Drill Core	0.07	79.21	11.48	1.89	0.67	0.79	2.22	0.47	0.40	0.04	0.02	0.003	<20	7	2.7	99.91	256	2	3.9	0.2
14-MH-010 7.50	Drill Core	0.08	68.21	12.07	2.30	0.75	5.81	2.60	0.61	0.28	0.04	0.09	0.002	<20	6	7.1	99.89	390	<1	5.2	0.3
14-MH-010 8.70	Drill Core	0.14	66.99	14.33	4.95	1.41	2.40	2.55	1.36	0.39	0.06	0.06	0.004	21	8	5.3	99.80	1037	<1	6.9	0.3
14-MH-010 10.00	Drill Core	0.20	67.48	13.40	1.78	0.72	5.56	2.96	0.76	0.23	0.02	0.07	<0.002	<20	5	6.9	99.86	556	<1	4.4	0.2
14-MH-010 11.50	Drill Core	0.13	32.15	8.86	6.93	6.96	16.84	0.68	1.52	0.45	0.26	0.40	0.011	55	8	24.6	99.70	811	<1	8.7	1.9
14-MH-013 1.20	Drill Core	0.13	44.52	12.45	9.24	4.77	12.81	2.37	1.63	0.83	0.20	0.18	0.065	70	28	10.5	99.62	901	2	21.8	4.7
14-MH-013 19.50	Drill Core	0.05	37.48	10.37	8.58	5.90	17.01	1.64	1.45	0.71	0.16	0.25	0.087	101	27	15.9	99.60	866	2	25.4	3.5
14-MH-013 30.50	Drill Core	0.15	58.76	16.51	5.96	3.04	3.60	4.18	3.61	0.60	0.24	0.10	0.012	21	15	2.9	99.54	1994	1	10.5	2.7
14-MH-013 41.50	Drill Core	0.18	60.05	15.38	5.18	2.71	3.27	5.02	3.56	0.52	0.22	0.10	0.009	25	13	3.7	99.65	1942	3	9.9	0.9
14-MH-013 50.50	Drill Core	0.13	56.17	15.02	6.95	5.63	4.75	4.53	2.57	0.64	0.25	0.14	0.026	42	21	2.9	99.61	1445	<1	14.9	1.6
14-MH-013 57.50	Drill Core	0.14	54.00	14.05	7.86	5.86	6.95	3.43	2.36	0.70	0.23	0.13	0.061	102	25	3.9	99.54	1436	<1	20.8	1.9
14-MH-013 63.30	Drill Core	0.18	54.61	14.88	7.22	5.22	6.33	3.26	2.65	0.67	0.25	0.13	0.044	67	20	4.3	99.59	1236	1	16.6	3.5
14-MH-013 78.00	Drill Core	0.20	46.91	10.07	11.13	8.85	11.57	1.74	1.17	0.90	0.17	0.17	0.128	115	45	6.7	99.57	738	1	32.0	2.0
14-MH-013 89.90	Drill Core	0.21	46.17	11.83	9.51	6.66	11.36	2.37	1.19	0.84	0.21	0.15	0.103	94	33	9.2	99.62	791	1	26.4	1.7
14-MH-013 93.70	Drill Core	0.16	42.78	9.95	9.42	7.13	16.13	1.96	1.06	0.74	0.19	0.18	0.091	99	41	10.0	99.63	739	1	28.2	1.5
14-MH-016 3.00	Drill Core	0.10	68.33	12.42	2.07	0.37	4.54	3.54	3.21	0.17	0.06	0.05	<0.002	<20	2	5.0	99.73	1676	<1	3.1	0.5
14-MH-016 6.30	Drill Core	0.09	64.47	12.70	2.80	0.36	6.55	3.95	2.25	0.26	0.10	0.09	<0.002	<20	3	6.2	99.73	1380	2	3.6	0.4
14-MH-016 9.00	Drill Core	0.08	58.56	14.59	2.17	0.72	8.89	4.29	2.67	0.27	0.09	0.10	<0.002	<20	5	7.4	99.74	1184	1	2.8	0.6
14-MH-016 19.80	Drill Core	0.10	71.35	14.33	1.81	0.56	1.28	4.27	3.14	0.18	0.06	0.02	<0.002	<20	3	2.7	99.74	1739	<1	1.8	0.6
14-MH-016 26.00	Drill Core	0.12	68.55	15.84	2.37	0.74	0.96	5.14	2.97	0.25	0.08	0.02	0.002	<20	4	2.8	99.73	1577	2	3.5	0.9
14-MH-016 36.10	Drill Core	0.18	67.62	15.39	2.97	0.79	1.48	4.20	2.93	0.25	0.10	0.02	<0.002	<20	4	4.0	99.73	1503	4	2.3	0.8
14-MH-016 51.00	Drill Core	0.07	58.61	10.71	1.98	1.40	11.57	2.38	2.43	0.14	0.05	0.05	<0.002	<20	2	10.5	99.78	1151	<1	1.4	0.5
14-MH-016 58.00	Drill Core	0.09	61.73	15.01	3.14	1.83	4.52	3.72	3.00	0.29	0.12	0.05	<0.002	<20	5	6.3	99.68	1458	2	3.9	0.6
14-MH-016 64.90	Drill Core	0.18	74.34	13.86	1.67	0.22	0.39	4.00	3.50	0.18	0.06	<0.01	<0.002	<20	2	1.5	99.73	1864	<1	0.3	0.6
15-MH-97/63 285.50	Drill Core	0.07	40.42	35.70	3.65	0.11	0.45	0.29	0.11	2.24	0.01	<0.01	0.003	<20	25	16.9	99.88	114	1	1.5	<0.1

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Method	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
Analyte	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	
14-MH-001 A	Drill Core	14.9	1.7	4.1	30.7	1	1109.6	0.2	2.2	1.2	67	0.7	65.2	6.5	9.3	18.8	2.12	8.4	1.76	0.64	1.40
14-MH-001 B	Drill Core	15.2	3.6	5.9	39.1	<1	936.8	0.3	2.5	2.1	80	0.7	146.1	10.0	13.9	30.2	3.55	12.9	2.90	0.87	2.58
14-MH-010 0.00	Drill Core	13.8	2.6	7.5	44.4	1	192.1	0.4	4.7	2.9	118	1.0	86.6	20.6	18.3	38.7	4.61	17.9	4.01	1.17	4.04
14-MH-010 3.70	Drill Core	8.6	2.7	5.6	34.4	<1	376.4	0.4	3.3	1.6	94	0.7	94.4	19.7	17.5	31.6	3.70	15.2	3.35	1.02	3.30
14-MH-010 4.20	Drill Core	12.0	2.7	6.8	42.7	<1	248.1	0.5	4.4	1.8	138	1.1	94.9	19.8	16.9	33.4	4.02	16.1	3.72	1.07	3.40
14-MH-010 5.00	Drill Core	9.3	2.1	8.8	9.4	1	155.0	0.5	6.6	1.3	60	0.7	73.7	12.0	33.1	67.2	7.69	30.1	4.42	1.07	3.40
14-MH-010 7.50	Drill Core	8.6	1.6	5.7	11.9	<1	403.5	0.4	2.3	0.9	41	<0.5	64.9	11.3	9.6	20.2	2.37	8.8	2.05	0.64	1.98
14-MH-010 8.70	Drill Core	10.6	2.3	6.6	25.3	<1	287.4	0.4	2.2	1.1	58	2.5	77.8	15.2	10.8	22.4	2.85	11.4	2.51	0.73	2.44
14-MH-010 10.00	Drill Core	8.2	2.0	5.4	14.3	<1	486.6	0.3	1.5	0.9	33	0.7	58.5	6.5	5.7	9.9	1.25	5.4	1.18	0.40	1.26
14-MH-010 11.50	Drill Core	8.1	2.1	5.5	39.1	<1	408.0	0.3	3.8	1.5	99	1.4	74.4	10.9	13.2	25.3	3.04	12.1	2.38	0.55	2.23
14-MH-013 1.20	Drill Core	10.4	1.5	2.9	39.1	<1	872.1	0.2	0.8	0.8	372	5.8	49.0	12.7	7.6	15.3	1.97	8.7	2.49	0.86	2.41
14-MH-013 19.50	Drill Core	8.8	1.1	2.8	33.1	<1	1179.7	0.1	1.1	0.8	229	1.0	41.3	11.4	6.5	14.4	1.77	8.2	2.04	0.69	2.03
14-MH-013 30.50	Drill Core	15.3	3.2	8.4	79.4	1	958.9	0.4	5.0	3.6	193	1.0	105.9	15.0	16.5	32.6	3.82	17.0	3.46	1.01	3.25
14-MH-013 41.50	Drill Core	13.5	3.0	7.0	68.1	1	252.2	0.4	4.4	2.8	131	1.5	96.7	13.3	15.6	30.7	3.60	14.1	3.29	0.91	2.76
14-MH-013 50.50	Drill Core	15.0	2.8	6.8	54.4	1	494.3	0.4	3.3	1.5	228	<0.5	89.9	15.2	14.9	29.9	3.67	15.7	3.35	1.03	3.36
14-MH-013 57.50	Drill Core	12.5	2.1	4.6	52.2	<1	1160.7	0.3	2.3	1.2	221	0.8	69.5	12.7	10.1	20.2	2.52	10.6	2.67	0.91	2.72
14-MH-013 63.30	Drill Core	13.8	2.4	5.9	70.9	1	1052.9	0.3	2.1	1.4	181	0.6	79.6	13.2	11.1	23.8	2.86	12.4	2.75	0.90	2.71
14-MH-013 78.00	Drill Core	10.5	1.3	2.2	21.1	<1	977.5	0.2	0.8	0.7	345	<0.5	34.6	11.4	5.5	11.5	1.61	7.6	2.06	0.77	2.34
14-MH-013 89.90	Drill Core	10.8	1.5	3.2	19.7	<1	910.5	0.2	1.2	1.1	266	<0.5	48.0	12.2	7.5	16.0	2.16	9.9	2.47	0.83	2.63
14-MH-013 93.70	Drill Core	9.1	0.9	1.6	15.6	<1	760.7	0.1	0.8	0.5	335	<0.5	32.7	11.7	5.3	10.7	1.52	6.4	1.86	0.80	2.24
14-MH-016 3.00	Drill Core	8.4	1.9	4.4	59.2	<1	530.1	0.4	4.4	1.2	28	0.6	60.9	14.4	18.4	32.0	3.25	11.3	2.38	0.56	2.39
14-MH-016 6.30	Drill Core	9.7	6.1	7.5	43.8	<1	596.5	0.7	8.1	2.4	29	1.0	193.5	13.1	19.2	38.9	4.07	15.2	2.71	0.61	2.45
14-MH-016 9.00	Drill Core	12.8	3.0	5.6	54.9	<1	800.4	0.4	3.9	1.7	37	1.3	105.0	8.2	15.9	28.7	3.08	11.8	2.16	0.55	1.78
14-MH-016 19.80	Drill Core	10.2	1.6	4.4	57.5	<1	391.9	0.4	4.2	1.0	34	<0.5	48.3	4.8	17.1	28.1	2.94	10.3	1.80	0.58	1.34
14-MH-016 26.00	Drill Core	12.9	2.5	5.7	61.9	5	572.6	0.5	4.3	1.3	39	0.5	80.0	4.8	8.5	16.2	1.94	7.1	1.35	0.55	1.12
14-MH-016 36.10	Drill Core	12.1	3.9	4.9	58.6	3	556.9	0.4	4.2	2.3	38	0.7	112.9	3.9	5.0	10.2	1.39	5.6	1.11	0.34	1.03
14-MH-016 51.00	Drill Core	8.3	1.9	3.6	45.5	<1	464.7	0.3	4.5	0.9	29	0.7	54.9	5.1	14.5	22.9	2.38	8.1	1.41	0.76	1.15
14-MH-016 58.00	Drill Core	11.5	4.4	6.1	59.4	<1	818.5	0.5	5.4	1.8	37	0.8	136.7	10.2	12.9	21.0	2.45	9.0	1.76	0.57	1.76
14-MH-016 64.90	Drill Core	10.6	1.8	4.1	61.8	<1	437.8	0.5	3.8	0.9	35	<0.5	53.9	2.9	10.5	18.4	1.79	6.3	0.96	0.24	0.80
15-MH-97/63 285.50	Drill Core	39.4	8.6	14.6	2.1	4	110.9	0.8	8.5	5.1	198	2.0	266.1	23.9	2.5	4.1	0.37	1.1	0.43	0.21	1.33

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Method	LF200	LF200	LF200	LF200	LF200	LF200	LF200	TC000	TC000	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	
14-MH-001 A	Drill Core	0.22	1.19	0.19	0.66	0.08	0.73	0.10	0.21	<0.02	0.2	5.5	3.1	58	2.9	12.5	<0.1	0.2	<0.1	<0.1	12.0
14-MH-001 B	Drill Core	0.37	1.93	0.31	0.98	0.15	1.03	0.16	0.06	<0.02	0.3	3.9	5.6	79	4.0	17.8	<0.1	0.3	<0.1	<0.1	10.7
14-MH-010 0.00	Drill Core	0.67	3.84	0.69	2.03	0.25	2.08	0.28	1.52	0.05	0.7	41.7	8.0	125	91.2	38.0	0.8	1.2	0.1	0.2	4.6
14-MH-010 3.70	Drill Core	0.53	3.13	0.61	1.81	0.26	1.79	0.29	4.64	<0.02	0.5	30.0	5.3	74	54.8	8.1	0.5	0.2	<0.1	<0.1	3.1
14-MH-010 4.20	Drill Core	0.57	3.34	0.67	1.99	0.28	1.79	0.27	1.79	<0.02	2.5	35.2	6.8	98	112.9	8.5	0.5	0.5	0.1	0.1	2.3
14-MH-010 5.00	Drill Core	0.45	2.29	0.43	1.17	0.19	1.10	0.17	0.25	<0.02	0.1	3.6	6.1	43	10.4	7.2	<0.1	0.2	<0.1	<0.1	1.3
14-MH-010 7.50	Drill Core	0.34	2.05	0.34	1.11	0.16	1.03	0.19	1.41	<0.02	0.4	4.6	6.0	42	13.2	5.4	0.1	0.2	<0.1	<0.1	1.4
14-MH-010 8.70	Drill Core	0.42	2.59	0.55	1.62	0.25	1.71	0.25	0.51	<0.02	0.3	6.9	6.0	66	16.4	4.9	<0.1	0.1	<0.1	<0.1	<0.5
14-MH-010 10.00	Drill Core	0.20	1.24	0.24	0.71	0.10	0.72	0.10	1.24	<0.02	0.2	4.2	7.0	31	11.1	6.0	<0.1	0.3	<0.1	<0.1	3.4
14-MH-010 11.50	Drill Core	0.34	1.84	0.39	1.15	0.18	1.20	0.17	6.80	0.05	1.1	44.0	7.1	79	51.5	12.4	0.6	0.6	0.1	0.2	3.3
14-MH-013 1.20	Drill Core	0.41	2.30	0.53	1.46	0.20	1.42	0.21	1.88	<0.02	0.4	36.4	2.9	39	50.9	42.4	<0.1	6.4	<0.1	<0.1	0.8
14-MH-013 19.50	Drill Core	0.35	2.04	0.40	1.21	0.17	1.21	0.17	3.06	<0.02	0.2	24.4	2.8	33	81.2	8.2	0.3	1.1	<0.1	<0.1	2.2
14-MH-013 30.50	Drill Core	0.46	2.83	0.54	1.59	0.23	1.61	0.26	0.06	<0.02	0.3	30.7	8.2	69	15.1	4.1	<0.1	0.5	0.2	<0.1	6.3
14-MH-013 41.50	Drill Core	0.45	2.38	0.48	1.45	0.22	1.54	0.22	0.20	<0.02	0.3	30.6	13.7	62	16.4	2.9	<0.1	0.3	0.2	<0.1	1.0
14-MH-013 50.50	Drill Core	0.51	2.89	0.60	1.70	0.24	1.64	0.26	0.07	<0.02	0.3	50.4	8.8	62	27.8	1.8	0.1	0.2	<0.1	<0.1	1.5
14-MH-013 57.50	Drill Core	0.42	2.65	0.50	1.48	0.19	1.51	0.22	0.15	<0.02	0.4	40.4	4.5	56	77.1	4.0	<0.1	0.4	<0.1	<0.1	1.1
14-MH-013 63.30	Drill Core	0.43	2.71	0.50	1.50	0.21	1.51	0.21	0.27	<0.02	0.4	34.4	5.5	59	49.3	6.0	<0.1	0.2	<0.1	<0.1	1.3
14-MH-013 78.00	Drill Core	0.41	2.31	0.49	1.45	0.19	1.34	0.19	0.54	<0.02	0.2	37.3	2.4	37	70.0	6.9	<0.1	0.2	<0.1	<0.1	<0.5
14-MH-013 89.90	Drill Core	0.42	2.51	0.52	1.49	0.20	1.30	0.21	1.27	<0.02	0.2	69.1	3.0	39	71.4	5.9	0.2	0.1	<0.1	<0.1	2.0
14-MH-013 93.70	Drill Core	0.38	2.30	0.48	1.35	0.19	1.37	0.20	1.82	<0.02	0.2	53.5	2.0	35	62.7	4.1	<0.1	<0.1	<0.1	<0.1	5.3
14-MH-016 3.00	Drill Core	0.37	2.19	0.46	1.38	0.21	1.40	0.24	0.75	0.54	1.1	9.8	4.5	30	4.8	2.3	0.2	0.1	<0.1	<0.1	1.6
14-MH-016 6.30	Drill Core	0.37	2.19	0.42	1.26	0.18	1.35	0.22	1.06	0.72	5.5	7.6	4.0	28	6.5	3.3	0.2	0.3	<0.1	<0.1	2.3
14-MH-016 9.00	Drill Core	0.27	1.58	0.36	1.08	0.14	1.19	0.19	1.90	0.19	0.5	7.5	4.8	26	2.5	1.3	<0.1	0.1	<0.1	<0.1	0.5
14-MH-016 19.80	Drill Core	0.19	0.97	0.21	0.64	0.08	0.52	0.07	0.12	0.34	0.4	4.9	7.8	18	1.8	0.8	<0.1	0.1	<0.1	<0.1	36.8
14-MH-016 26.00	Drill Core	0.18	0.92	0.21	0.65	0.10	0.65	0.11	0.07	0.42	0.4	5.3	8.8	32	4.3	2.6	<0.1	0.1	<0.1	<0.1	4.3
14-MH-016 36.10	Drill Core	0.15	1.01	0.17	0.68	0.10	0.73	0.11	0.11	0.66	3.5	16.7	6.0	60	5.5	2.3	<0.1	0.2	<0.1	<0.1	2.5
14-MH-016 51.00	Drill Core	0.20	1.17	0.19	0.71	0.08	0.67	0.10	2.59	0.15	0.3	3.8	3.6	14	1.7	1.6	<0.1	<0.1	<0.1	<0.1	17.2
14-MH-016 58.00	Drill Core	0.27	1.59	0.37	1.06	0.16	1.28	0.17	1.52	0.58	3.5	7.0	8.0	46	5.2	5.8	<0.1	0.3	<0.1	<0.1	0.7
14-MH-016 64.90	Drill Core	0.10	0.55	0.13	0.42	0.06	0.53	0.07	0.06	0.07	0.3	2.8	7.3	6	0.7	3.4	<0.1	0.1	<0.1	<0.1	0.6
15-MH-97/63 285.50	Drill Core	0.61	5.68	1.34	4.33	0.71	4.95	0.72	2.18	0.87	0.8	53.6	27.9	11	1.8	4.4	<0.1	0.3	1.3	<0.1	<0.5

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**Project:** Hutchison Samples 2015

**Report Date:** December 02, 2015

**Page:** 2 of 5

**Part:** 4 of 4

## CERTIFICATE OF ANALYSIS

WHI15000269.1

Method	Analyte	AQ200	AQ200	AQ200
		Hg	TI	Se
Unit		ppm	ppm	ppm
MDL		0.01	0.1	0.5
14-MH-001 A	Drill Core	<0.01	<0.1	<0.5
14-MH-001 B	Drill Core	0.06	0.1	<0.5
14-MH-010 0.00	Drill Core	0.18	0.1	1.1
14-MH-010 3.70	Drill Core	0.05	<0.1	<0.5
14-MH-010 4.20	Drill Core	0.10	<0.1	0.7
14-MH-010 5.00	Drill Core	0.08	<0.1	0.7
14-MH-010 7.50	Drill Core	0.08	<0.1	<0.5
14-MH-010 8.70	Drill Core	0.11	<0.1	<0.5
14-MH-010 10.00	Drill Core	0.09	<0.1	<0.5
14-MH-010 11.50	Drill Core	0.07	<0.1	<0.5
14-MH-013 1.20	Drill Core	0.01	<0.1	<0.5
14-MH-013 19.50	Drill Core	<0.01	<0.1	<0.5
14-MH-013 30.50	Drill Core	<0.01	<0.1	<0.5
14-MH-013 41.50	Drill Core	<0.01	<0.1	<0.5
14-MH-013 50.50	Drill Core	<0.01	<0.1	<0.5
14-MH-013 57.50	Drill Core	<0.01	<0.1	<0.5
14-MH-013 63.30	Drill Core	<0.01	<0.1	<0.5
14-MH-013 78.00	Drill Core	<0.01	<0.1	<0.5
14-MH-013 89.90	Drill Core	<0.01	<0.1	<0.5
14-MH-013 93.70	Drill Core	<0.01	<0.1	<0.5
14-MH-016 3.00	Drill Core	0.02	<0.1	<0.5
14-MH-016 6.30	Drill Core	0.06	0.1	0.8
14-MH-016 9.00	Drill Core	0.04	<0.1	<0.5
14-MH-016 19.80	Drill Core	<0.01	<0.1	<0.5
14-MH-016 26.00	Drill Core	0.04	<0.1	<0.5
14-MH-016 36.10	Drill Core	0.10	<0.1	<0.5
14-MH-016 51.00	Drill Core	<0.01	<0.1	<0.5
14-MH-016 58.00	Drill Core	0.17	0.1	0.6
14-MH-016 64.90	Drill Core	0.02	<0.1	<0.5
15-MH-97/63 285.50	Drill Core	0.90	0.3	0.8

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**Project:** Hutchison Samples 2015

**Report Date:** December 02, 2015

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**Part:** 1 of 4

# CERTIFICATE OF ANALYSIS

# WHI15000269.1

Method	WGHT	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
Analyte	Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	
Unit	kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	
15-MH-97/63 268.65	Drill Core	0.09	60.30	23.04	1.91	0.34	0.98	1.60	2.69	0.56	0.07	0.03	0.003	<20	10	8.2	99.74	1345	1	6.2	0.9
15-MH-97/63 267.00	Drill Core	0.09	66.61	8.87	1.21	1.86	7.32	0.37	2.87	0.15	0.02	0.02	<0.002	<20	2	10.4	99.73	1602	<1	1.6	0.3
15-MH-97/63 265.40	Drill Core	0.17	87.36	6.59	0.56	0.17	0.43	0.06	1.06	0.07	<0.01	<0.01	<0.002	<20	1	3.6	99.96	410	2	0.2	<0.1
15-MH-97/63 263.25	Drill Core	0.06	52.70	26.48	3.54	0.72	0.74	0.76	2.40	0.58	0.10	0.05	0.004	<20	13	11.7	99.75	1099	5	5.9	1.7
15-MH-97/63 252.75	Drill Core	0.09	55.95	25.74	2.15	0.58	0.49	1.14	2.96	0.55	0.06	0.03	0.003	<20	11	10.1	99.73	1542	3	4.9	1.8
15-MH-97/63 249.30	Drill Core	0.06	56.51	24.63	2.43	0.72	0.72	1.12	2.77	0.54	0.04	0.04	0.003	<20	10	10.2	99.74	1253	3	11.7	1.8
15-MH-97/63 245.25	Drill Core	0.05	67.10	17.74	1.87	1.04	1.23	0.71	4.00	0.44	0.05	0.02	<0.002	<20	6	5.5	99.67	2250	2	7.4	0.9
15-MH-97/63 239.80	Drill Core	0.10	80.43	9.92	0.63	0.29	0.61	0.61	3.17	0.16	0.03	<0.01	<0.002	<20	3	3.9	99.77	1621	2	3.3	0.4
15-MH-97/63 231.70	Drill Core	0.09	65.80	13.85	4.14	1.28	2.00	0.54	3.03	0.28	0.02	0.07	<0.002	<20	5	8.8	99.78	1366	<1	4.3	0.7
15-MH-97/63 230.00	Drill Core	0.11	55.44	26.56	1.31	0.32	0.39	1.14	2.43	0.64	0.07	0.01	0.003	<20	12	11.4	99.75	1196	<1	16.1	2.3
15-MH-97/63 226.74	Drill Core	0.11	55.80	26.99	1.62	0.41	0.34	1.04	2.34	0.67	0.02	0.02	0.003	<20	11	10.5	99.79	1091	3	3.3	4.2
15-MH-97/63 221.60	Drill Core	0.06	42.56	12.94	17.35	0.77	4.86	1.02	2.31	0.34	1.37	0.25	<0.002	<20	6	16.0	99.76	1230	<1	9.7	0.6
15-MH-97/63 217.53	Drill Core	0.09	81.42	8.31	1.14	0.40	1.10	0.69	2.91	0.11	0.01	0.02	<0.002	<20	2	3.7	99.82	1415	<1	2.8	0.6
15-MH-97/63 209.25	Drill Core	0.09	61.81	22.81	1.55	0.24	0.25	0.92	2.88	0.55	0.04	0.02	0.002	<20	8	8.7	99.78	1287	2	2.3	1.5
15-MH-97/63 205.00	Drill Core	0.08	60.11	17.26	4.99	1.22	1.57	1.07	3.20	0.43	0.05	0.09	0.002	<20	9	9.8	99.73	1452	<1	5.5	0.9
15-MH-97/63 193.40	Drill Core	0.06	64.83	18.45	1.33	0.27	0.41	0.73	3.31	0.38	0.04	0.02	<0.002	<20	4	10.0	99.78	1421	<1	9.5	0.8
15-MH-97/63 188.45	Drill Core	0.07	62.95	23.10	2.76	0.04	0.06	0.05	0.13	0.23	<0.01	0.01	0.002	<20	5	10.6	99.96	38	3	1.3	0.2
15-MH-97/63 175.10	Drill Core	0.08	57.67	21.94	4.36	0.73	0.36	0.98	3.03	0.50	0.04	0.07	0.002	<20	10	10.1	99.76	1322	2	4.9	1.3
15-MH-97/63 164.40	Drill Core	0.07	67.09	17.14	2.20	0.34	0.37	0.81	3.31	0.52	0.03	0.03	0.002	<20	7	7.9	99.72	1394	<1	3.5	0.9
15-MH-97/63 159.37	Drill Core	0.09	53.41	27.51	1.19	0.31	0.22	0.76	2.46	0.61	0.04	0.01	0.003	<20	11	13.3	99.79	1054	<1	5.7	2.6
15-MH-97/63 152.90	Drill Core	0.05	60.04	23.15	2.02	0.21	0.19	0.76	3.18	0.51	0.05	0.03	<0.002	<20	6	9.6	99.78	1332	2	2.6	1.1
15-MH-97/63 151.10	Drill Core	0.10	81.73	9.50	0.50	0.13	0.29	0.63	3.47	0.14	0.01	<0.01	<0.002	<20	1	3.4	99.83	1402	<1	1.0	0.4
15-MH-97/63 147.06	Drill Core	0.08	77.45	10.18	3.07	0.18	0.19	0.63	3.62	0.15	0.06	0.05	<0.002	<20	2	4.2	99.76	1804	<1	2.2	0.4
15-MH-97/63 142.10	Drill Core	0.10	74.15	12.79	2.02	0.34	0.24	0.73	3.93	0.27	0.03	0.04	<0.002	<20	3	5.2	99.78	1649	<1	3.9	0.4
15-MH-97/63 127.20	Drill Core	0.06	61.26	23.88	0.83	0.18	0.09	0.50	3.12	0.54	0.05	<0.01	0.003	<20	5	9.3	99.77	1355	<1	8.7	1.1
15-MH-97/63 126.20	Drill Core	0.09	71.50	7.70	1.41	2.42	4.54	0.44	3.53	0.11	0.01	0.03	<0.002	<20	2	8.0	99.73	1680	<1	1.6	0.5
15-MH-97/63 121.40	Drill Core	0.07	65.32	11.76	1.45	1.15	6.51	0.49	3.18	0.26	<0.01	0.02	<0.002	<20	1	9.6	99.80	1356	<1	0.6	0.6
15-MH-97/63 114.00	Drill Core	0.07	76.41	7.22	5.12	0.53	1.40	0.49	2.93	0.07	0.07	0.10	<0.002	<20	2	5.4	99.77	1753	<1	1.9	0.3
15-MH-97/63 106.00	Drill Core	0.04	79.15	11.28	0.67	0.05	0.04	0.47	3.72	0.18	<0.01	<0.01	<0.002	<20	2	4.2	99.81	1548	<1	0.5	0.5
15-MH-97/63 94.20	Drill Core	0.06	74.22	14.82	0.61	0.07	0.06	0.42	3.83	0.29	0.02	<0.01	<0.002	<20	2	5.4	99.79	1671	<1	0.5	0.8

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**Project:** Hutchison Samples 2015

**Report Date:** December 02, 2015

**Page:** 3 of 5

**Part:** 2 of 4

# CERTIFICATE OF ANALYSIS

# WHI15000269.1

Method Analyte	Unit	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
MDL		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	
15-MH-97/63 268.65	Drill Core	21.3	5.7	8.6	57.0	<1	339.7	0.6	5.2	2.5	83	1.6	193.7	16.8	21.2	40.2	4.46	17.9	3.21	0.93	3.19
15-MH-97/63 267.00	Drill Core	6.4	1.0	3.1	49.7	<1	526.0	0.2	1.0	1.0	18	0.8	33.3	7.5	5.9	12.3	1.34	6.4	1.19	0.37	1.16
15-MH-97/63 265.40	Drill Core	4.1	1.1	1.9	18.3	<1	54.2	0.1	0.5	0.4	18	0.6	32.8	1.4	1.4	2.1	0.24	0.9	0.18	0.07	0.20
15-MH-97/63 263.25	Drill Core	28.4	4.5	9.2	64.9	1	455.9	0.5	5.6	3.1	103	2.7	167.7	10.9	17.9	34.1	3.85	14.0	2.83	0.79	2.66
15-MH-97/63 252.75	Drill Core	27.5	4.0	8.2	77.0	1	324.1	0.4	4.7	2.4	97	2.3	131.9	13.1	15.3	29.2	3.35	12.8	2.64	0.73	2.67
15-MH-97/63 249.30	Drill Core	26.6	5.8	9.4	71.5	1	267.9	0.6	5.8	3.1	82	2.7	198.1	11.4	16.1	32.3	3.66	14.8	2.79	0.74	2.54
15-MH-97/63 245.25	Drill Core	17.6	1.9	8.1	85.1	<1	271.1	0.5	2.8	1.9	40	1.5	64.9	12.8	13.8	23.8	2.83	10.8	2.35	0.55	2.40
15-MH-97/63 239.80	Drill Core	8.9	4.1	4.9	63.0	2	190.0	0.4	4.5	0.8	19	0.6	144.1	4.6	9.6	16.8	1.75	6.1	1.13	0.24	1.16
15-MH-97/63 231.70	Drill Core	12.8	1.3	7.2	61.2	<1	301.5	0.6	2.1	1.5	36	0.7	43.4	11.6	10.6	17.0	2.02	7.6	1.62	0.38	1.92
15-MH-97/63 230.00	Drill Core	28.0	5.7	9.2	66.8	1	352.3	0.6	5.7	3.3	115	1.9	204.5	11.7	17.9	33.9	3.76	14.5	2.89	0.74	2.63
15-MH-97/63 226.74	Drill Core	27.8	5.3	9.4	72.4	1	262.5	0.6	6.7	3.2	110	2.3	158.9	10.4	16.6	27.4	3.44	12.4	2.75	0.63	2.32
15-MH-97/63 221.60	Drill Core	13.2	1.9	6.4	47.0	<1	447.4	0.5	2.5	1.4	43	1.3	74.8	13.4	15.5	24.6	2.83	11.4	2.01	0.55	2.22
15-MH-97/63 217.53	Drill Core	7.1	1.2	2.9	56.1	<1	223.5	0.3	1.1	0.6	15	0.5	38.2	5.0	2.1	3.7	0.57	2.3	0.82	0.22	1.06
15-MH-97/63 209.25	Drill Core	23.0	4.2	10.2	68.6	1	265.3	0.6	5.4	2.7	72	2.0	144.3	10.2	17.9	28.7	3.51	13.2	2.41	0.60	2.11
15-MH-97/63 205.00	Drill Core	16.8	1.6	7.8	65.8	<1	386.5	0.5	2.8	2.5	49	1.3	54.0	15.4	29.4	60.5	6.67	27.3	5.52	1.33	4.77
15-MH-97/63 193.40	Drill Core	17.7	1.7	8.0	66.1	1	342.4	0.5	3.0	1.5	45	0.9	64.6	4.4	10.1	18.7	2.18	8.3	1.37	0.34	0.98
15-MH-97/63 188.45	Drill Core	12.4	3.0	5.2	6.1	<1	43.7	0.4	10.3	1.0	66	1.3	108.5	2.2	2.0	5.0	0.54	2.6	0.50	0.13	0.46
15-MH-97/63 175.10	Drill Core	21.2	3.8	8.5	72.8	<1	259.8	0.5	4.6	2.7	75	1.8	137.3	6.9	13.8	25.3	2.80	10.4	1.82	0.48	1.72
15-MH-97/63 164.40	Drill Core	15.3	14.4	11.9	63.4	1	220.2	0.8	6.2	2.5	57	1.2	547.8	10.5	19.7	34.7	3.70	13.7	2.44	0.49	2.24
15-MH-97/63 159.37	Drill Core	27.6	6.0	9.5	73.2	<1	227.4	0.6	6.4	3.7	90	1.6	230.8	10.4	16.6	29.7	3.30	11.6	2.13	0.57	2.04
15-MH-97/63 152.90	Drill Core	23.8	3.9	9.6	71.1	<1	274.2	0.5	4.2	1.9	46	1.4	128.1	4.9	12.2	20.2	2.43	9.4	1.67	0.34	1.18
15-MH-97/63 151.10	Drill Core	6.7	0.8	3.4	61.5	<1	167.7	0.3	0.6	0.6	17	<0.5	28.0	1.9	1.3	2.0	0.23	1.0	0.26	0.05	0.50
15-MH-97/63 147.06	Drill Core	7.9	0.9	4.3	64.2	<1	383.8	0.3	1.3	0.7	18	<0.5	34.0	2.4	6.8	12.8	1.42	6.3	1.05	0.20	0.80
15-MH-97/63 142.10	Drill Core	10.6	1.5	6.0	72.7	<1	247.3	0.4	1.5	1.3	22	0.6	48.0	4.9	10.2	19.0	2.03	7.6	1.42	0.26	1.08
15-MH-97/63 127.20	Drill Core	21.4	5.8	10.5	67.1	<1	272.9	0.7	4.9	2.4	44	1.4	214.3	3.9	15.7	27.5	3.05	10.6	1.81	0.39	1.27
15-MH-97/63 126.20	Drill Core	5.6	0.8	2.7	60.6	<1	443.9	0.2	1.0	1.4	11	<0.5	26.8	4.8	6.3	11.1	1.15	4.5	0.74	0.16	0.94
15-MH-97/63 121.40	Drill Core	10.7	1.2	6.8	58.5	<1	219.0	0.5	2.1	0.8	14	<0.5	44.8	2.0	3.3	6.6	0.74	2.4	0.50	0.10	0.44
15-MH-97/63 114.00	Drill Core	5.6	0.9	1.9	50.0	<1	234.1	0.2	1.1	0.6	10	<0.5	28.4	8.9	5.3	9.1	0.96	3.4	0.71	0.12	1.13
15-MH-97/63 106.00	Drill Core	9.6	1.1	4.0	67.9	<1	170.8	0.3	1.5	1.4	17	<0.5	40.6	2.7	3.6	7.3	0.84	2.9	0.62	0.12	0.65
15-MH-97/63 94.20	Drill Core	13.1	1.4	7.0	74.5	<1	212.7	0.4	1.5	1.3	20	0.6	45.3	2.0	5.2	10.2	1.10	4.1	0.55	0.12	0.54

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**Project:** Hutchison Samples 2015

**Report Date:** December 02, 2015

**Page:** 3 of 5

**Part:** 3 of 4

# CERTIFICATE OF ANALYSIS

WHI15000269.1

Method	LF200	LF200	LF200	LF200	LF200	LF200	LF200	TC000	TC000	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	
15-MH-97/63 268.65	Drill Core	0.51	3.05	0.68	2.01	0.30	1.98	0.35	1.18	0.03	1.2	28.1	10.1	94	5.3	3.0	0.1	0.1	0.2	<0.1	2.4
15-MH-97/63 267.00	Drill Core	0.19	1.21	0.26	0.82	0.11	0.75	0.10	2.92	<0.02	0.4	6.2	6.1	43	1.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5
15-MH-97/63 265.40	Drill Core	0.04	0.32	0.05	0.20	0.03	0.21	0.03	0.75	<0.02	0.2	2.1	4.6	4	0.7	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5
15-MH-97/63 263.25	Drill Core	0.42	2.34	0.45	1.34	0.20	1.43	0.23	1.24	0.02	2.6	41.2	15.5	86	4.3	0.8	0.2	0.2	0.3	0.1	7.2
15-MH-97/63 252.75	Drill Core	0.41	2.40	0.44	1.45	0.21	1.53	0.23	1.01	<0.02	0.8	31.4	13.3	95	3.0	1.5	<0.1	<0.1	0.2	0.1	10.4
15-MH-97/63 249.30	Drill Core	0.40	2.33	0.48	1.38	0.21	1.42	0.24	1.15	0.03	1.8	30.2	10.6	94	10.3	4.5	<0.1	0.2	0.2	<0.1	5.2
15-MH-97/63 245.25	Drill Core	0.36	2.23	0.43	1.29	0.19	1.28	0.19	0.71	<0.02	0.4	14.9	9.9	109	7.1	2.9	<0.1	<0.1	<0.1	<0.1	2.6
15-MH-97/63 239.80	Drill Core	0.19	1.05	0.16	0.53	0.07	0.51	0.08	0.33	<0.02	0.2	3.1	12.6	30	3.0	2.7	<0.1	<0.1	<0.1	<0.1	6.3
15-MH-97/63 231.70	Drill Core	0.32	1.90	0.39	1.13	0.17	1.27	0.19	1.44	0.02	0.4	4.9	6.7	22	4.4	2.6	<0.1	<0.1	<0.1	<0.1	1.8
15-MH-97/63 230.00	Drill Core	0.39	2.36	0.46	1.23	0.19	1.30	0.21	1.99	0.04	1.9	37.4	16.4	112	11.6	3.0	0.1	0.2	0.3	0.1	4.7
15-MH-97/63 226.74	Drill Core	0.36	2.01	0.40	1.18	0.17	1.21	0.20	0.92	<0.02	1.1	39.6	12.2	68	2.8	<0.5	<0.1	0.1	0.3	0.1	2.5
15-MH-97/63 221.60	Drill Core	0.31	1.92	0.37	1.23	0.19	1.18	0.19	4.90	0.08	1.3	8.6	9.3	64	7.9	5.5	<0.1	0.3	<0.1	<0.1	0.7
15-MH-97/63 217.53	Drill Core	0.18	1.06	0.18	0.52	0.07	0.45	0.07	0.52	<0.02	0.2	1.8	2.3	5	2.8	0.6	<0.1	<0.1	<0.1	<0.1	1.1
15-MH-97/63 209.25	Drill Core	0.32	2.01	0.34	1.05	0.15	1.07	0.17	0.85	<0.02	1.8	19.3	11.1	70	1.4	0.6	<0.1	<0.1	0.1	<0.1	1.2
15-MH-97/63 205.00	Drill Core	0.68	3.69	0.63	1.76	0.24	1.57	0.22	1.65	<0.02	1.8	8.7	9.9	70	3.9	1.5	<0.1	<0.1	<0.1	<0.1	0.7
15-MH-97/63 193.40	Drill Core	0.12	0.67	0.13	0.47	0.06	0.45	0.06	2.89	0.07	1.2	15.0	9.0	81	4.7	2.8	<0.1	<0.1	<0.1	0.2	3.8
15-MH-97/63 188.45	Drill Core	0.08	0.48	0.08	0.31	0.05	0.40	0.06	0.41	<0.02	0.6	47.3	4.5	13	1.7	1.3	<0.1	0.2	0.2	<0.1	1.6
15-MH-97/63 175.10	Drill Core	0.26	1.63	0.28	0.81	0.12	0.88	0.14	1.27	<0.02	2.7	19.4	11.8	77	4.2	0.7	<0.1	<0.1	0.1	<0.1	2.1
15-MH-97/63 164.40	Drill Core	0.35	2.17	0.43	1.38	0.22	1.55	0.28	1.44	0.05	0.5	10.0	8.8	42	2.9	<0.5	<0.1	<0.1	<0.1	<0.1	3.7
15-MH-97/63 159.37	Drill Core	0.33	1.78	0.35	1.04	0.16	1.15	0.17	3.02	0.05	1.9	30.4	17.0	78	3.0	1.0	0.1	0.1	0.3	0.1	1.9
15-MH-97/63 152.90	Drill Core	0.16	0.89	0.18	0.48	0.08	0.53	0.10	1.27	0.04	1.2	26.0	14.8	75	2.9	<0.5	<0.1	<0.1	0.2	<0.1	1.2
15-MH-97/63 151.10	Drill Core	0.07	0.40	0.07	0.19	0.02	0.17	0.03	0.48	<0.02	0.4	2.3	5.3	9	1.1	<0.5	<0.1	<0.1	<0.1	<0.1	1.0
15-MH-97/63 147.06	Drill Core	0.09	0.47	0.10	0.27	0.05	0.33	0.04	0.55	0.03	0.7	2.3	4.7	26	2.3	2.4	<0.1	<0.1	<0.1	<0.1	<0.5
15-MH-97/63 142.10	Drill Core	0.16	1.09	0.18	0.48	0.06	0.52	0.07	0.76	<0.02	0.5	4.5	8.2	58	2.8	0.7	<0.1	<0.1	<0.1	<0.1	1.0
15-MH-97/63 127.20	Drill Core	0.18	0.93	0.17	0.53	0.07	0.60	0.12	1.18	0.04	1.8	14.5	9.4	65	6.6	0.7	0.1	<0.1	0.1	<0.1	0.5
15-MH-97/63 126.20	Drill Core	0.14	0.80	0.15	0.42	0.06	0.34	0.05	2.04	<0.02	0.4	2.2	4.7	33	1.3	<0.5	<0.1	<0.1	<0.1	<0.1	2.2
15-MH-97/63 121.40	Drill Core	0.07	0.34	0.06	0.26	0.04	0.27	0.04	2.15	<0.02	0.1	2.0	3.7	8	0.7	<0.5	<0.1	<0.1	<0.1	<0.1	4.4
15-MH-97/63 114.00	Drill Core	0.21	1.48	0.33	0.89	0.14	0.88	0.12	1.29	<0.02	0.5	2.0	3.1	12	2.5	1.0	<0.1	<0.1	<0.1	<0.1	<0.5
15-MH-97/63 106.00	Drill Core	0.10	0.57	0.11	0.32	0.04	0.31	0.04	1.00	<0.02	0.3	4.2	5.8	10	0.9	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5
15-MH-97/63 94.20	Drill Core	0.07	0.41	0.08	0.22	0.03	0.23	0.03	0.85	0.03	0.4	4.6	5.5	29	0.7	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5

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**Project:** Hutchison Samples 2015

**Report Date:** December 02, 2015

**Page:** 3 of 5

**Part:** 4 of 4

## CERTIFICATE OF ANALYSIS

WHI15000269.1

Method	AQ200	AQ200	AQ200	
Analyte	Hg	Tl	Se	
Unit	ppm	ppm	ppm	
MDL	0.01	0.1	0.5	
15-MH-97/63 268.65	Drill Core	0.06	<0.1	<0.5
15-MH-97/63 267.00	Drill Core	0.02	<0.1	0.5
15-MH-97/63 265.40	Drill Core	<0.01	<0.1	<0.5
15-MH-97/63 263.25	Drill Core	0.03	<0.1	<0.5
15-MH-97/63 252.75	Drill Core	0.05	<0.1	<0.5
15-MH-97/63 249.30	Drill Core	0.05	0.1	<0.5
15-MH-97/63 245.25	Drill Core	0.02	<0.1	<0.5
15-MH-97/63 239.80	Drill Core	0.01	<0.1	0.5
15-MH-97/63 231.70	Drill Core	0.02	<0.1	<0.5
15-MH-97/63 230.00	Drill Core	0.07	0.2	<0.5
15-MH-97/63 226.74	Drill Core	0.04	0.1	<0.5
15-MH-97/63 221.60	Drill Core	0.05	0.1	<0.5
15-MH-97/63 217.53	Drill Core	<0.01	<0.1	<0.5
15-MH-97/63 209.25	Drill Core	0.02	<0.1	<0.5
15-MH-97/63 205.00	Drill Core	0.06	<0.1	<0.5
15-MH-97/63 193.40	Drill Core	0.06	<0.1	<0.5
15-MH-97/63 188.45	Drill Core	0.02	<0.1	<0.5
15-MH-97/63 175.10	Drill Core	0.05	<0.1	0.5
15-MH-97/63 164.40	Drill Core	0.01	<0.1	<0.5
15-MH-97/63 159.37	Drill Core	0.03	0.1	<0.5
15-MH-97/63 152.90	Drill Core	0.02	<0.1	<0.5
15-MH-97/63 151.10	Drill Core	<0.01	<0.1	<0.5
15-MH-97/63 147.06	Drill Core	0.03	<0.1	<0.5
15-MH-97/63 142.10	Drill Core	0.04	<0.1	<0.5
15-MH-97/63 127.20	Drill Core	0.04	<0.1	<0.5
15-MH-97/63 126.20	Drill Core	<0.01	<0.1	<0.5
15-MH-97/63 121.40	Drill Core	<0.01	<0.1	<0.5
15-MH-97/63 114.00	Drill Core	0.02	<0.1	<0.5
15-MH-97/63 106.00	Drill Core	<0.01	<0.1	<0.5
15-MH-97/63 94.20	Drill Core	<0.01	<0.1	<0.5

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**Project:** Hutchison Samples 2015

**Report Date:** December 02, 2015

**Page:** 4 of 5

**Part:** 1 of 4

# CERTIFICATE OF ANALYSIS

WHI15000269.1

Method	WGHT	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
Analyte	Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	
Unit	kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	
15-MH-97/63 88.40	Drill Core	0.05	86.92	5.79	0.99	0.32	0.67	0.10	1.98	0.17	0.01	0.01	<0.002	<20	2	2.9	99.90	827	<1	0.9	0.6
15-MH-97/63 82.70	Drill Core	0.08	44.27	19.82	0.60	0.14	0.15	0.30	2.13	0.46	0.02	<0.01	0.003	<20	7	31.9	99.82	892	6	3.1	2.6
15-MH-97/63 77.10	Drill Core	0.12	76.11	14.05	0.39	0.06	0.06	0.23	3.55	0.29	0.03	<0.01	<0.002	<20	2	5.0	99.77	1814	<1	1.9	0.5
15-MH-97/63 72.49	Drill Core	0.06	79.51	10.89	1.00	0.04	0.05	0.23	3.52	0.14	0.02	0.02	<0.002	<20	1	4.3	99.75	1965	2	6.6	0.4
15-MH-97/63 67.00	Drill Core	0.09	80.67	9.57	0.93	0.27	0.94	0.21	3.28	0.18	0.02	0.02	<0.002	<20	2	3.8	99.82	1404	<1	1.4	0.4
15-MH-97/63 66.20	Drill Core	0.09	69.54	18.14	0.66	0.12	0.06	0.24	3.37	0.49	0.03	<0.01	<0.002	<20	5	7.1	99.79	1400	3	1.4	0.7
15-MH-97/63 47.60	Drill Core	0.10	67.19	13.83	2.06	1.17	3.05	0.99	2.82	0.39	0.11	0.03	0.031	41	8	8.0	99.70	1742	2	7.3	1.4
15-MH-94/37 201.09	Drill Core	0.04	69.02	13.59	3.91	1.15	2.07	3.27	3.33	0.27	0.07	0.05	<0.002	<20	4	3.0	99.71	1838	5	3.1	0.5
15-MH-94/37 198.54	Drill Core	0.22	70.07	14.45	3.56	1.22	1.15	2.89	3.62	0.22	0.06	0.04	<0.002	<20	6	2.4	99.70	1860	<1	3.5	0.9
15-MH-94/37 193.30	Drill Core	0.11	73.18	13.91	1.34	0.50	0.87	3.50	4.02	0.23	0.06	0.02	0.003	<20	4	2.1	99.69	2075	<1	2.4	0.9
15-MH-94/37 188.21	Drill Core	0.04	65.10	15.12	3.83	1.28	1.50	4.00	3.15	0.27	0.08	0.04	0.003	<20	5	5.4	99.73	1536	<1	3.9	1.0
15-MH-94/37 184.30	Drill Core	0.06	61.35	9.32	8.05	2.71	4.08	0.33	2.67	0.18	0.05	0.18	<0.002	<20	5	10.8	99.75	1457	<1	6.7	0.2
15-MH-94/37 184.00	Drill Core	0.20	60.94	16.45	4.07	2.02	2.49	2.44	3.05	0.47	0.13	0.05	0.004	<20	9	7.6	99.68	1187	2	7.0	4.2
15-MH-94/37 174.15	Drill Core	0.11	54.91	14.22	2.75	0.94	10.79	3.07	2.58	0.22	0.08	0.16	0.002	<20	5	10.0	99.72	1300	<1	7.2	1.7
15-MH-94/37 168.80	Drill Core	0.13	73.77	13.64	1.69	0.39	0.26	3.05	3.64	0.21	0.06	0.01	0.002	<20	3	3.0	99.75	1881	<1	1.7	0.8
15-MH-94/37 162.55	Drill Core	0.08	71.03	14.30	2.00	0.47	1.16	2.13	3.47	0.24	0.05	0.03	0.002	<20	4	4.9	99.75	1720	<1	2.5	0.9
15-MH-94/37 161.50	Drill Core	0.05	52.66	14.45	3.02	0.50	5.51	0.87	2.97	0.28	0.06	0.05	0.002	<20	6	19.4	99.77	1279	<1	14.2	1.2
15-MH-94/37 159.01	Drill Core	0.06	65.85	14.11	1.73	0.40	5.43	2.36	2.89	0.29	0.10	0.05	0.002	<20	3	6.5	99.75	1537	<1	2.6	1.6
15-MH-94/37 158.00	Drill Core	0.09	48.44	13.12	2.58	0.53	16.20	2.93	2.41	0.26	0.11	0.13	<0.002	<20	5	13.0	99.74	1213	2	4.0	1.9
15-MH-94/37 155.33	Drill Core	0.06	52.44	13.01	2.93	0.55	13.57	1.85	2.56	0.22	0.10	0.08	0.002	<20	5	12.5	99.79	1111	<1	3.3	1.6
15-MH-94/37 154.00	Drill Core	0.16	69.72	13.88	1.82	0.26	3.36	0.20	3.13	0.23	0.02	0.03	<0.002	<20	4	7.1	99.78	1591	2	2.7	0.5
15-MH-94/37 153.00	Drill Core	0.05	64.11	14.36	3.40	0.63	4.14	1.64	2.53	0.35	0.14	0.04	0.002	<20	7	8.4	99.78	1198	<1	4.1	1.8
15-MH-94/37 150.41	Drill Core	0.06	48.79	14.34	3.62	0.89	13.46	2.17	2.76	0.29	0.11	0.09	0.003	<20	5	13.2	99.77	1158	2	4.7	2.5
15-MH-94/37 148.90	Drill Core	0.08	62.96	13.37	1.64	0.22	8.12	0.20	3.23	0.25	0.01	0.04	0.002	<20	4	9.7	99.78	1526	<1	2.2	0.6
15-MH-94/37 143.36	Drill Core	0.13	72.09	16.01	0.65	0.13	0.74	0.18	3.35	0.26	<0.01	0.01	0.003	<20	4	6.4	99.80	1542	1	1.4	0.5
15-MH-94/37 138.33	Drill Core	0.06	72.30	16.21	1.28	0.08	0.45	0.16	2.87	0.30	0.02	0.02	0.003	<20	3	6.1	99.82	1236	1	1.5	0.4
15-MH-94/37 125.35	Drill Core	0.12	71.95	17.60	1.38	0.08	0.34	0.06	0.91	0.29	0.02	0.01	<0.002	<20	5	7.3	99.94	349	1	2.1	0.2
15-MH-94/37 117.50	Drill Core	0.07	64.63	16.92	7.65	0.07	0.07	0.02	0.15	0.28	<0.01	0.12	<0.002	<20	5	10.1	99.97	42	<1	1.1	0.3
15-MH-94/37 110.90	Drill Core	0.04	38.42	33.96	0.51	0.03	0.07	0.14	0.09	1.53	0.03	<0.01	<0.002	<20	22	25.1	99.90	111	2	<0.2	0.7
15-MH-94/37 51.00	Drill Core	0.13	56.42	26.20	0.95	0.38	0.44	0.77	2.61	0.67	0.04	<0.01	0.005	<20	14	11.3	99.76	1144	2	6.3	1.8

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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**Project:** Hutchison Samples 2015

**Report Date:** December 02, 2015

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**Part:** 2 of 4

# CERTIFICATE OF ANALYSIS

# WHI15000269.1

Method	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
Analyte	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	
15-MH-97/63 88.40	Drill Core	5.7	1.0	3.1	40.4	<1	104.0	0.2	1.6	1.0	20	0.5	35.5	3.8	3.9	6.1	0.83	3.0	0.72	0.20	0.88
15-MH-97/63 82.70	Drill Core	22.1	4.2	9.1	51.7	<1	143.3	0.6	3.8	1.3	147	1.4	154.7	6.8	8.8	16.3	1.98	7.6	1.45	0.37	1.37
15-MH-97/63 77.10	Drill Core	12.4	2.2	7.3	63.8	<1	209.6	0.5	2.4	1.4	22	1.4	79.8	3.2	10.2	17.9	1.91	7.9	1.18	0.28	1.06
15-MH-97/63 72.49	Drill Core	8.1	1.3	3.8	60.7	<1	201.0	0.2	1.6	0.7	15	<0.5	47.1	1.8	4.4	7.4	0.84	2.8	0.48	0.08	0.36
15-MH-97/63 67.00	Drill Core	8.4	1.1	4.7	58.8	<1	210.3	0.3	1.4	0.8	13	0.7	36.6	3.8	5.4	9.2	1.12	4.2	0.86	0.20	0.77
15-MH-97/63 66.20	Drill Core	16.2	4.2	11.1	69.2	<1	187.1	0.9	5.2	3.1	40	1.7	141.5	7.0	18.1	33.2	3.49	12.3	1.71	0.48	1.73
15-MH-97/63 47.60	Drill Core	12.8	1.9	4.7	57.9	<1	504.8	0.2	3.4	1.2	69	0.7	66.3	8.7	14.2	26.0	2.99	12.1	2.11	0.59	2.00
15-MH-94/37 201.09	Drill Core	13.1	2.7	6.4	71.6	<1	426.2	0.4	5.1	1.6	50	1.4	93.0	11.1	15.9	27.8	3.14	11.6	2.35	0.52	2.18
15-MH-94/37 198.54	Drill Core	16.9	1.8	7.3	80.6	<1	417.4	0.4	3.9	1.2	77	1.1	63.2	7.5	12.9	23.8	2.57	10.6	1.68	0.51	1.76
15-MH-94/37 193.30	Drill Core	13.2	2.4	7.3	89.8	<1	469.0	0.5	3.5	1.3	50	0.9	85.5	12.9	12.4	22.4	2.48	9.3	1.78	0.48	1.65
15-MH-94/37 188.21	Drill Core	15.8	1.9	6.5	75.3	<1	504.3	0.4	3.5	1.3	52	2.0	75.2	8.6	8.1	16.8	1.84	7.3	1.35	0.45	1.52
15-MH-94/37 184.30	Drill Core	9.0	1.6	5.2	50.1	<1	248.6	0.3	2.3	1.1	24	0.5	46.6	11.7	9.8	19.0	2.15	7.8	1.86	0.51	1.99
15-MH-94/37 184.00	Drill Core	18.7	3.3	9.4	107.8	1	718.7	0.5	5.3	3.9	164	2.3	116.5	9.5	13.0	26.5	3.11	12.4	2.25	0.65	2.04
15-MH-94/37 174.15	Drill Core	13.2	2.1	5.0	67.2	<1	631.3	0.3	2.4	1.4	52	1.5	72.0	25.4	13.0	25.2	3.13	13.1	2.90	0.87	3.36
15-MH-94/37 168.80	Drill Core	11.8	1.8	5.7	81.2	<1	297.2	0.3	3.3	1.1	34	1.2	60.2	2.1	8.4	15.3	1.65	5.3	0.95	0.28	0.77
15-MH-94/37 162.55	Drill Core	13.1	1.8	6.4	78.3	<1	225.2	0.5	3.5	1.4	42	1.4	66.4	3.8	8.4	17.5	1.78	6.0	1.12	0.27	1.01
15-MH-94/37 161.50	Drill Core	16.6	2.1	5.3	70.8	1	287.5	0.4	3.4	1.9	109	2.0	74.5	22.0	15.3	24.0	2.89	11.8	2.29	0.76	2.78
15-MH-94/37 159.01	Drill Core	11.2	2.6	7.2	66.9	<1	415.6	0.3	3.3	1.4	39	1.2	102.2	15.2	11.1	23.9	2.94	11.1	2.17	0.74	2.21
15-MH-94/37 158.00	Drill Core	12.0	2.8	5.5	59.4	<1	592.2	0.4	2.1	1.5	48	1.2	97.0	20.4	16.0	27.8	3.29	12.7	2.58	0.82	2.73
15-MH-94/37 155.33	Drill Core	12.1	2.0	5.9	65.9	<1	414.2	0.3	3.1	1.4	38	1.3	73.1	26.5	18.9	34.3	3.80	15.3	3.01	0.89	3.38
15-MH-94/37 154.00	Drill Core	13.6	1.7	6.1	67.8	<1	185.6	0.4	4.1	1.2	59	2.5	62.6	6.1	13.8	34.2	3.08	11.9	2.13	0.58	1.75
15-MH-94/37 153.00	Drill Core	12.6	3.0	8.3	68.9	<1	325.2	0.5	4.6	1.8	77	1.7	107.9	9.2	9.4	19.6	2.31	8.9	1.60	0.48	1.53
15-MH-94/37 150.41	Drill Core	13.8	1.9	4.8	80.1	<1	439.3	0.3	2.6	1.2	59	1.4	66.3	16.4	16.9	31.4	3.72	14.5	2.67	0.80	2.67
15-MH-94/37 148.90	Drill Core	12.7	1.9	6.0	69.1	<1	217.2	0.5	4.7	1.8	42	2.8	68.7	11.6	15.3	24.0	2.86	10.4	1.96	0.55	1.89
15-MH-94/37 143.36	Drill Core	13.9	2.3	6.2	71.5	<1	158.4	0.3	3.9	1.4	44	2.0	82.2	6.3	11.6	19.8	1.49	5.1	0.83	0.28	0.94
15-MH-94/37 138.33	Drill Core	14.6	2.2	6.8	58.6	<1	167.7	0.3	6.0	1.9	77	1.8	84.3	5.8	25.4	48.5	3.56	12.7	2.01	0.45	1.49
15-MH-94/37 125.35	Drill Core	15.8	2.7	7.0	21.4	<1	59.1	0.5	5.4	1.9	55	1.9	91.4	5.9	7.3	10.4	0.97	3.5	0.72	0.21	0.77
15-MH-94/37 117.50	Drill Core	16.3	2.1	6.6	6.6	<1	21.9	0.4	4.7	1.6	72	1.5	76.7	4.5	3.2	5.6	0.57	2.5	0.64	0.20	0.65
15-MH-94/37 110.90	Drill Core	47.8	8.2	9.9	3.9	4	102.2	1.1	14.2	2.3	124	1.6	305.8	18.2	9.2	18.9	1.93	6.3	1.39	0.44	1.98
15-MH-94/37 51.00	Drill Core	29.2	6.4	10.7	65.7	1	245.1	0.5	6.6	3.0	131	2.2	241.6	12.9	21.1	39.9	4.45	17.4	3.44	0.87	2.87

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**Project:** Hutchison Samples 2015

**Report Date:** December 02, 2015

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**Part:** 3 of 4

# CERTIFICATE OF ANALYSIS

# WHI15000269.1

Method Analyte Unit MDL	LF200 Tb	LF200 Dy	LF200 Ho	LF200 Er	LF200 Tm	LF200 Yb	LF200 Lu	TC000 TOT/C	TC000 TOT/S	AQ200 Mo	AQ200 Cu	AQ200 Pb	AQ200 Zn	AQ200 Ni	AQ200 As	AQ200 Cd	AQ200 Sb	AQ200 Bi	AQ200 Ag	AQ200 Au	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	
	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	
15-MH-97/63 88.40	Drill Core	0.13	0.85	0.12	0.33	0.06	0.36	0.05	0.37	<0.02	0.6	3.6	6.0	11	1.1	<0.5	<0.1	<0.1	<0.1	<0.1	0.8
15-MH-97/63 82.70	Drill Core	0.20	1.09	0.22	0.80	0.11	0.87	0.13	18.99	0.34	2.2	20.4	9.9	24	1.7	<0.5	<0.1	0.2	0.2	<0.1	<0.5
15-MH-97/63 77.10	Drill Core	0.12	0.68	0.13	0.36	0.05	0.46	0.06	0.86	0.03	0.3	6.9	6.7	39	0.8	<0.5	<0.1	<0.1	<0.1	<0.1	10.0
15-MH-97/63 72.49	Drill Core	0.05	0.32	0.05	0.22	0.03	0.26	0.04	0.61	0.03	0.4	4.1	13.1	36	5.4	2.1	<0.1	<0.1	<0.1	<0.1	0.9
15-MH-97/63 67.00	Drill Core	0.13	0.73	0.12	0.34	0.05	0.38	0.05	0.49	<0.02	0.3	2.4	4.0	27	2.0	0.8	<0.1	<0.1	<0.1	<0.1	0.8
15-MH-97/63 66.20	Drill Core	0.24	1.34	0.25	0.66	0.11	0.73	0.12	1.05	<0.02	0.9	7.4	10.8	53	1.3	0.7	<0.1	<0.1	<0.1	<0.1	2.7
15-MH-97/63 47.60	Drill Core	0.27	1.66	0.25	0.79	0.14	0.86	0.12	1.30	0.04	0.5	16.5	4.3	43	32.8	2.7	0.2	<0.1	<0.1	<0.1	5.9
15-MH-94/37 201.09	Drill Core	0.35	2.06	0.43	1.23	0.19	1.26	0.20	0.43	0.12	0.9	9.4	6.2	30	3.3	1.4	<0.1	0.1	0.2	<0.1	3.8
15-MH-94/37 198.54	Drill Core	0.23	1.29	0.26	0.77	0.12	0.87	0.15	0.18	0.09	0.5	6.8	5.5	40	3.1	1.2	<0.1	<0.1	0.4	<0.1	4.1
15-MH-94/37 193.30	Drill Core	0.30	1.92	0.43	1.30	0.21	1.39	0.17	0.17	0.13	1.0	8.0	5.7	29	2.8	0.9	<0.1	<0.1	0.1	<0.1	6.6
15-MH-94/37 188.21	Drill Core	0.24	1.52	0.31	0.98	0.14	0.89	0.18	1.82	0.43	1.9	12.2	10.4	70	4.7	2.1	<0.1	0.2	0.1	<0.1	2.3
15-MH-94/37 184.30	Drill Core	0.30	1.70	0.35	1.06	0.15	1.04	0.15	2.75	0.50	0.5	4.4	8.1	21	8.4	5.7	<0.1	0.2	<0.1	<0.1	2.4
15-MH-94/37 184.00	Drill Core	0.30	1.64	0.32	1.04	0.15	1.10	0.20	3.25	0.72	9.6	46.7	16.3	165	15.0	7.9	1.1	0.4	0.5	0.2	2.8
15-MH-94/37 174.15	Drill Core	0.57	3.37	0.71	2.34	0.34	2.23	0.38	2.45	0.54	3.9	27.4	3.3	159	20.4	2.5	1.1	0.3	0.1	<0.1	5.0
15-MH-94/37 168.80	Drill Core	0.09	0.48	0.08	0.22	0.04	0.36	0.06	0.12	0.11	1.6	6.0	6.5	23	1.5	3.8	<0.1	0.2	0.1	<0.1	2.2
15-MH-94/37 162.55	Drill Core	0.12	0.74	0.13	0.39	0.08	0.44	0.08	0.57	0.16	0.2	8.1	7.6	101	6.2	<0.5	0.9	<0.1	0.1	<0.1	1.6
15-MH-94/37 161.50	Drill Core	0.47	3.38	0.74	2.37	0.38	2.93	0.45	11.82	1.11	3.9	13.7	15.8	101	13.7	16.5	0.9	0.6	0.1	<0.1	1.2
15-MH-94/37 159.01	Drill Core	0.36	2.12	0.47	1.34	0.20	1.25	0.24	1.29	0.35	2.9	11.2	4.5	50	4.8	4.6	0.3	0.3	0.1	<0.1	5.9
15-MH-94/37 158.00	Drill Core	0.42	2.72	0.58	2.06	0.31	2.37	0.40	3.64	0.58	2.4	19.1	4.2	150	12.0	4.8	1.6	0.7	<0.1	<0.1	9.6
15-MH-94/37 155.33	Drill Core	0.54	3.32	0.74	2.41	0.33	2.28	0.37	3.14	0.67	1.3	8.4	5.2	35	2.8	1.5	<0.1	0.2	<0.1	<0.1	3.3
15-MH-94/37 154.00	Drill Core	0.23	1.33	0.24	0.71	0.12	0.73	0.13	1.02	<0.02	<0.1	5.9	6.0	29	2.6	0.8	<0.1	<0.1	0.1	<0.1	4.5
15-MH-94/37 153.00	Drill Core	0.23	1.46	0.29	0.98	0.14	1.11	0.16	1.84	0.83	5.1	22.4	8.9	97	13.2	8.3	0.5	0.9	0.2	0.1	5.5
15-MH-94/37 150.41	Drill Core	0.43	2.71	0.52	1.62	0.24	1.69	0.27	3.41	0.60	2.9	16.8	6.0	55	5.9	6.7	0.2	0.7	0.1	0.1	8.4
15-MH-94/37 148.90	Drill Core	0.28	1.85	0.37	1.07	0.18	1.17	0.17	2.03	0.02	<0.1	8.9	11.5	37	1.6	0.8	<0.1	<0.1	<0.1	<0.1	5.5
15-MH-94/37 143.36	Drill Core	0.15	0.92	0.16	0.50	0.08	0.57	0.09	0.22	<0.02	<0.1	6.5	5.0	13	0.9	<0.5	<0.1	<0.1	0.1	<0.1	5.2
15-MH-94/37 138.33	Drill Core	0.18	0.95	0.18	0.48	0.09	0.68	0.09	0.26	<0.02	<0.1	12.6	9.5	25	1.1	<0.5	<0.1	<0.1	0.1	<0.1	3.9
15-MH-94/37 125.35	Drill Core	0.14	0.86	0.18	0.63	0.10	0.83	0.14	0.26	<0.02	0.9	9.9	22.8	18	1.3	<0.5	<0.1	0.1	0.1	<0.1	2.1
15-MH-94/37 117.50	Drill Core	0.11	0.77	0.15	0.48	0.06	0.52	0.08	1.19	<0.02	2.1	7.9	10.4	7	0.9	1.1	<0.1	<0.1	0.1	<0.1	3.3
15-MH-94/37 110.90	Drill Core	0.53	4.15	0.95	3.29	0.54	3.93	0.59	10.18	0.17	0.6	52.2	26.4	4	0.4	0.9	<0.1	0.2	0.6	<0.1	<0.5
15-MH-94/37 51.00	Drill Core	0.42	2.65	0.47	1.35	0.23	1.68	0.25	2.02	0.05	1.2	45.4	14.1	89	4.6	2.3	<0.1	0.1	0.2	0.1	3.2

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Project: Hutchison Samples 2015

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## CERTIFICATE OF ANALYSIS

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Method	AQ200	AQ200	AQ200	
Analyte	Hg	Tl	Se	
Unit	ppm	ppm	ppm	
MDL	0.01	0.1	0.5	
15-MH-97/63 88.40	Drill Core	<0.01	<0.1	<0.5
15-MH-97/63 82.70	Drill Core	0.02	0.1	<0.5
15-MH-97/63 77.10	Drill Core	<0.01	<0.1	<0.5
15-MH-97/63 72.49	Drill Core	0.01	<0.1	<0.5
15-MH-97/63 67.00	Drill Core	<0.01	<0.1	<0.5
15-MH-97/63 66.20	Drill Core	0.03	<0.1	0.5
15-MH-97/63 47.60	Drill Core	0.03	<0.1	<0.5
15-MH-94/37 201.09	Drill Core	<0.01	<0.1	<0.5
15-MH-94/37 198.54	Drill Core	<0.01	<0.1	<0.5
15-MH-94/37 193.30	Drill Core	<0.01	<0.1	<0.5
15-MH-94/37 188.21	Drill Core	<0.01	<0.1	<0.5
15-MH-94/37 184.30	Drill Core	0.02	<0.1	<0.5
15-MH-94/37 184.00	Drill Core	<0.01	0.7	1.5
15-MH-94/37 174.15	Drill Core	<0.01	0.3	<0.5
15-MH-94/37 168.80	Drill Core	0.02	<0.1	<0.5
15-MH-94/37 162.55	Drill Core	0.06	<0.1	0.7
15-MH-94/37 161.50	Drill Core	0.10	0.3	<0.5
15-MH-94/37 159.01	Drill Core	0.01	0.2	<0.5
15-MH-94/37 158.00	Drill Core	0.02	0.4	0.6
15-MH-94/37 155.33	Drill Core	<0.01	0.1	<0.5
15-MH-94/37 154.00	Drill Core	0.05	<0.1	<0.5
15-MH-94/37 153.00	Drill Core	0.02	0.7	1.0
15-MH-94/37 150.41	Drill Core	0.01	0.3	<0.5
15-MH-94/37 148.90	Drill Core	0.01	<0.1	<0.5
15-MH-94/37 143.36	Drill Core	0.01	<0.1	<0.5
15-MH-94/37 138.33	Drill Core	0.01	<0.1	<0.5
15-MH-94/37 125.35	Drill Core	0.01	<0.1	<0.5
15-MH-94/37 117.50	Drill Core	0.04	<0.1	<0.5
15-MH-94/37 110.90	Drill Core	0.80	<0.1	3.4
15-MH-94/37 51.00	Drill Core	0.02	<0.1	<0.5

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# CERTIFICATE OF ANALYSIS

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Method	WGHT	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
Analyte	Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	
Unit	kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	
15-MH-94/37 47.40	Drill Core	0.06	60.21	24.34	1.19	0.55	0.37	0.56	3.02	0.57	0.02	0.01	0.003	<20	8	8.9	99.73	1604	4	4.7	1.7
15-MH-94/37 46.29	Drill Core	0.11	42.51	16.21	7.54	5.37	9.64	2.13	1.29	0.74	0.20	0.15	0.060	123	29	13.7	99.57	1220	2	32.8	0.5
15-MH-94/37 32.40	Drill Core	0.15	79.49	8.20	1.06	1.00	2.23	0.23	2.82	0.08	0.02	0.02	<0.002	<20	1	4.6	99.77	1738	<1	1.6	0.2
15-MH-94/37 26.00	Drill Core	0.07	58.79	25.74	0.73	0.18	0.11	0.16	2.90	0.65	0.04	<0.01	0.002	<20	9	10.4	99.75	1395	<1	9.1	1.2
15-MH-94/37 17.10	Drill Core	0.09	59.78	22.52	2.85	0.48	0.45	0.69	3.07	0.51	0.08	0.03	0.003	<20	9	9.3	99.76	1360	<1	11.6	1.0
15-MH-94/37 10.30	Drill Core	0.08	80.23	8.87	1.45	0.53	1.42	0.22	3.05	0.15	0.03	0.02	<0.002	<20	5	3.7	99.70	2271	<1	1.7	0.3
15-MH-94/37 5.40	Drill Core	0.08	83.19	8.38	1.58	0.19	0.40	0.20	3.14	0.14	0.02	0.03	<0.002	<20	2	2.5	99.77	1779	<1	2.6	0.4

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# CERTIFICATE OF ANALYSIS

# WHI15000269.1

Method	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
Analyte	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	
15-MH-94/37 47.40	Drill Core	28.2	4.7	10.8	81.9	1	263.6	0.7	6.6	3.0	64	2.4	171.1	7.6	20.2	37.1	4.07	15.3	2.57	0.59	2.19
15-MH-94/37 46.29	Drill Core	13.2	1.9	5.4	29.1	<1	1168.4	0.4	3.8	1.3	213	<0.5	77.4	11.8	16.3	32.2	3.70	15.2	2.83	0.86	2.59
15-MH-94/37 32.40	Drill Core	6.3	1.0	2.5	50.4	<1	291.2	0.1	1.1	0.5	13	<0.5	32.8	3.7	4.2	7.9	0.84	3.5	0.65	0.23	0.76
15-MH-94/37 26.00	Drill Core	26.9	5.6	11.5	66.3	1	229.9	0.6	5.9	2.8	79	1.8	206.6	6.9	23.3	38.6	4.17	15.7	2.62	0.61	1.99
15-MH-94/37 17.10	Drill Core	22.4	2.9	9.3	71.0	<1	344.5	0.5	4.7	2.4	74	1.0	101.4	10.5	21.2	41.2	4.34	16.4	2.97	0.79	2.72
15-MH-94/37 10.30	Drill Core	6.3	1.8	4.0	51.1	<1	297.2	0.5	2.4	0.5	23	<0.5	59.3	8.3	9.6	19.2	2.04	8.0	1.68	0.47	1.97
15-MH-94/37 5.40	Drill Core	7.1	1.2	4.2	58.5	<1	229.6	0.3	1.5	0.6	12	<0.5	41.0	7.5	4.7	9.5	1.05	3.8	1.07	0.33	1.31

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**Project:** Hutchison Samples 2015

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# CERTIFICATE OF ANALYSIS

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Method	LF200	LF200	LF200	LF200	LF200	LF200	LF200	TC000	TC000	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	
15-MH-94/37 47.40	Drill Core	0.32	1.68	0.35	1.06	0.15	1.04	0.16	0.82	0.04	0.9	30.5	11.0	81	4.5	1.9	0.1	<0.1	0.2	<0.1	5.0
15-MH-94/37 46.29	Drill Core	0.37	2.21	0.47	1.29	0.18	1.04	0.18	3.49	0.07	1.5	60.4	4.4	37	89.3	1.4	<0.1	<0.1	<0.1	<0.1	8.3
15-MH-94/37 32.40	Drill Core	0.11	0.68	0.14	0.34	0.05	0.38	0.06	0.90	<0.02	1.3	3.1	4.2	21	1.2	1.1	<0.1	<0.1	<0.1	<0.1	3.1
15-MH-94/37 26.00	Drill Core	0.25	1.61	0.30	0.74	0.12	0.96	0.19	1.38	0.08	0.8	28.2	12.2	105	5.1	3.0	0.1	0.1	0.2	0.1	3.1
15-MH-94/37 17.10	Drill Core	0.38	1.98	0.35	1.15	0.16	1.21	0.17	1.41	0.04	1.5	17.2	11.1	97	8.3	1.9	0.1	0.1	0.1	<0.1	1.3
15-MH-94/37 10.30	Drill Core	0.32	1.70	0.32	0.83	0.11	0.75	0.12	0.61	<0.02	0.5	3.6	7.9	36	2.2	1.3	<0.1	<0.1	<0.1	<0.1	3.3
15-MH-94/37 5.40	Drill Core	0.23	1.36	0.25	0.71	0.11	0.68	0.09	0.18	<0.02	0.8	2.5	3.5	32	3.1	0.9	<0.1	<0.1	<0.1	<0.1	2.7

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# CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	AQ200	AQ200	AQ200
			Hg	TI	Se
			ppm	ppm	ppm
MDL			0.01	0.1	0.5
15-MH-94/37 47.40	Drill Core		<0.01	<0.1	<0.5
15-MH-94/37 46.29	Drill Core		<0.01	<0.1	<0.5
15-MH-94/37 32.40	Drill Core		<0.01	<0.1	<0.5
15-MH-94/37 26.00	Drill Core		0.06	<0.1	0.7
15-MH-94/37 17.10	Drill Core		0.05	<0.1	<0.5
15-MH-94/37 10.30	Drill Core		0.04	<0.1	<0.5
15-MH-94/37 5.40	Drill Core		0.01	<0.1	<0.5

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# QUALITY CONTROL REPORT

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Method	WGHT	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
Analyte	Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	
Unit	kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	
15-MH-97/63 285.50	Drill Core	0.07	40.42	35.70	3.65	0.11	0.45	0.29	0.11	2.24	0.01	<0.01	0.003	<20	25	16.9	99.88	114	1	1.5	<0.1
15-MH-97/63 67.00	Drill Core	0.09	80.67	9.57	0.93	0.27	0.94	0.21	3.28	0.18	0.02	0.02	<0.002	<20	2	3.8	99.82	1404	<1	1.4	0.4
15-MH-94/37 5.40	Drill Core	0.08	83.19	8.38	1.58	0.19	0.40	0.20	3.14	0.14	0.02	0.03	<0.002	<20	2	2.5	99.77	1779	<1	2.6	0.4
Pulp Duplicates																					
14-MH-010 0.00	Drill Core	0.10	61.03	14.40	7.04	2.85	2.08	1.66	1.56	0.58	0.15	0.20	0.017	98	14	8.2	99.79	770	3	16.6	2.3
REP 14-MH-010 0.00	QC																				
14-MH-013 1.20	Drill Core	0.13	44.52	12.45	9.24	4.77	12.81	2.37	1.63	0.83	0.20	0.18	0.065	70	28	10.5	99.62	901	2	21.8	4.7
REP 14-MH-013 1.20	QC		44.44	12.53	9.20	4.80	12.81	2.38	1.64	0.83	0.21	0.18	0.063	72	28	10.5	99.62	914	1	21.5	4.3
14-MH-016 6.30	Drill Core	0.09	64.47	12.70	2.80	0.36	6.55	3.95	2.25	0.26	0.10	0.09	<0.002	<20	3	6.2	99.73	1380	2	3.6	0.4
REP 14-MH-016 6.30	QC																				
REP 14-MH-016 26.00	QC																				
15-MH-97/63 193.40	Drill Core	0.06	64.83	18.45	1.33	0.27	0.41	0.73	3.31	0.38	0.04	0.02	<0.002	<20	4	10.0	99.78	1421	<1	9.5	0.8
REP 15-MH-97/63 193.40	QC		65.16	18.20	1.29	0.26	0.41	0.72	3.28	0.37	0.05	0.02	<0.002	<20	4	10.0	99.78	1395	2	8.3	0.6
15-MH-97/63 121.40	Drill Core	0.07	65.32	11.76	1.45	1.15	6.51	0.49	3.18	0.26	<0.01	0.02	<0.002	<20	1	9.6	99.80	1356	<1	0.6	0.6
REP 15-MH-97/63 121.40	QC																				
REP 15-MH-97/63 106.00	QC																				
15-MH-94/37 154.00	Drill Core	0.16	69.72	13.88	1.82	0.26	3.36	0.20	3.13	0.23	0.02	0.03	<0.002	<20	4	7.1	99.78	1591	2	2.7	0.5
REP 15-MH-94/37 154.00	QC		69.83	13.78	1.83	0.26	3.35	0.20	3.13	0.23	0.01	0.03	0.003	<20	4	7.1	99.78	1588	1	2.8	0.5
15-MH-94/37 46.29	Drill Core	0.11	42.51	16.21	7.54	5.37	9.64	2.13	1.29	0.74	0.20	0.15	0.060	123	29	13.7	99.57	1220	2	32.8	0.5
REP 15-MH-94/37 46.29	QC																				
15-MH-94/37 26.00	Drill Core	0.07	58.79	25.74	0.73	0.18	0.11	0.16	2.90	0.65	0.04	<0.01	0.002	<20	9	10.4	99.75	1395	<1	9.1	1.2
REP 15-MH-94/37 26.00	QC																				
Core Reject Duplicates																					
14-MH-016 26.00	Drill Core	0.12	68.55	15.84	2.37	0.74	0.96	5.14	2.97	0.25	0.08	0.02	0.002	<20	4	2.8	99.73	1577	2	3.5	0.9
DUP 14-MH-016 26.00	QC		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.
15-MH-97/63 106.00	Drill Core	0.04	79.15	11.28	0.67	0.05	0.04	0.47	3.72	0.18	<0.01	<0.01	<0.002	<20	2	4.2	99.81	1548	<1	0.5	0.5
DUP 15-MH-97/63 106.00	QC		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.
15-MH-94/37 32.40	Drill Core	0.15	79.49	8.20	1.06	1.00	2.23	0.23	2.82	0.08	0.02	0.02	<0.002	<20	1	4.6	99.77	1738	<1	1.6	0.2
DUP 15-MH-94/37 32.40	QC		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.

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# QUALITY CONTROL REPORT

WHI15000269.1

Method	Analyte	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	
15-MH-97/63 285.50	Drill Core	39.4	8.6	14.6	2.1	4	110.9	0.8	8.5	5.1	198	2.0	266.1	23.9	2.5	4.1	0.37	1.1	0.43	0.21	1.33
15-MH-97/63 67.00	Drill Core	8.4	1.1	4.7	58.8	<1	210.3	0.3	1.4	0.8	13	0.7	36.6	3.8	5.4	9.2	1.12	4.2	0.86	0.20	0.77
15-MH-94/37 5.40	Drill Core	7.1	1.2	4.2	58.5	<1	229.6	0.3	1.5	0.6	12	<0.5	41.0	7.5	4.7	9.5	1.05	3.8	1.07	0.33	1.31
Pulp Duplicates																					
14-MH-010 0.00	Drill Core	13.8	2.6	7.5	44.4	1	192.1	0.4	4.7	2.9	118	1.0	86.6	20.6	18.3	38.7	4.61	17.9	4.01	1.17	4.04
REP 14-MH-010 0.00	QC																				
14-MH-013 1.20	Drill Core	10.4	1.5	2.9	39.1	<1	872.1	0.2	0.8	0.8	372	5.8	49.0	12.7	7.6	15.3	1.97	8.7	2.49	0.86	2.41
REP 14-MH-013 1.20	QC	10.5	1.5	3.1	39.3	<1	857.5	0.2	1.1	1.0	374	6.4	46.8	13.3	7.3	16.1	2.02	9.9	2.52	0.83	2.60
14-MH-016 6.30	Drill Core	9.7	6.1	7.5	43.8	<1	596.5	0.7	8.1	2.4	29	1.0	193.5	13.1	19.2	38.9	4.07	15.2	2.71	0.61	2.45
REP 14-MH-016 6.30	QC																				
REP 14-MH-016 26.00	QC																				
15-MH-97/63 193.40	Drill Core	17.7	1.7	8.0	66.1	1	342.4	0.5	3.0	1.5	45	0.9	64.6	4.4	10.1	18.7	2.18	8.3	1.37	0.34	0.98
REP 15-MH-97/63 193.40	QC	16.3	1.8	7.3	64.6	<1	329.5	0.5	3.1	1.6	47	0.9	66.7	4.3	9.9	18.4	2.15	8.2	1.35	0.31	1.02
15-MH-97/63 121.40	Drill Core	10.7	1.2	6.8	58.5	<1	219.0	0.5	2.1	0.8	14	<0.5	44.8	2.0	3.3	6.6	0.74	2.4	0.50	0.10	0.44
REP 15-MH-97/63 121.40	QC																				
REP 15-MH-97/63 106.00	QC																				
15-MH-94/37 154.00	Drill Core	13.6	1.7	6.1	67.8	<1	185.6	0.4	4.1	1.2	59	2.5	62.6	6.1	13.8	34.2	3.08	11.9	2.13	0.58	1.75
REP 15-MH-94/37 154.00	QC	13.6	1.7	5.8	68.3	<1	190.1	0.4	4.3	1.5	60	2.6	73.2	6.5	14.0	33.0	3.08	11.1	2.00	0.50	1.76
15-MH-94/37 46.29	Drill Core	13.2	1.9	5.4	29.1	<1	1168.4	0.4	3.8	1.3	213	<0.5	77.4	11.8	16.3	32.2	3.70	15.2	2.83	0.86	2.59
REP 15-MH-94/37 46.29	QC																				
15-MH-94/37 26.00	Drill Core	26.9	5.6	11.5	66.3	1	229.9	0.6	5.9	2.8	79	1.8	206.6	6.9	23.3	38.6	4.17	15.7	2.62	0.61	1.99
REP 15-MH-94/37 26.00	QC																				
Core Reject Duplicates																					
14-MH-016 26.00	Drill Core	12.9	2.5	5.7	61.9	5	572.6	0.5	4.3	1.3	39	0.5	80.0	4.8	8.5	16.2	1.94	7.1	1.35	0.55	1.12
DUP 14-MH-016 26.00	QC	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.
15-MH-97/63 106.00	Drill Core	9.6	1.1	4.0	67.9	<1	170.8	0.3	1.5	1.4	17	<0.5	40.6	2.7	3.6	7.3	0.84	2.9	0.62	0.12	0.65
DUP 15-MH-97/63 106.00	QC	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.
15-MH-94/37 32.40	Drill Core	6.3	1.0	2.5	50.4	<1	291.2	0.1	1.1	0.5	13	<0.5	32.8	3.7	4.2	7.9	0.84	3.5	0.65	0.23	0.76
DUP 15-MH-94/37 32.40	QC	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.

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# QUALITY CONTROL REPORT

WHI15000269.1

Method	Analyte	LF200	LF200	LF200	LF200	LF200	LF200	LF200	TC000	TC000	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5
15-MH-97/63 285.50	Drill Core	0.61	5.68	1.34	4.33	0.71	4.95	0.72	2.18	0.87	0.8	53.6	27.9	11	1.8	4.4	<0.1	0.3	1.3	<0.1	<0.5
15-MH-97/63 67.00	Drill Core	0.13	0.73	0.12	0.34	0.05	0.38	0.05	0.49	<0.02	0.3	2.4	4.0	27	2.0	0.8	<0.1	<0.1	<0.1	<0.1	0.8
15-MH-94/37 5.40	Drill Core	0.23	1.36	0.25	0.71	0.11	0.68	0.09	0.18	<0.02	0.8	2.5	3.5	32	3.1	0.9	<0.1	<0.1	<0.1	<0.1	2.7
Pulp Duplicates																					
14-MH-010 0.00	Drill Core	0.67	3.84	0.69	2.03	0.25	2.08	0.28	1.52	0.05	0.7	41.7	8.0	125	91.2	38.0	0.8	1.2	0.1	0.2	4.6
REP 14-MH-010 0.00	QC										0.6	45.9	8.6	132	94.5	41.3	0.9	1.2	0.1	0.2	4.5
14-MH-013 1.20	Drill Core	0.41	2.30	0.53	1.46	0.20	1.42	0.21	1.88	<0.02	0.4	36.4	2.9	39	50.9	42.4	<0.1	6.4	<0.1	<0.1	0.8
REP 14-MH-013 1.20	QC	0.41	2.61	0.51	1.50	0.18	1.33	0.23													
14-MH-016 6.30	Drill Core	0.37	2.19	0.42	1.26	0.18	1.35	0.22	1.06	0.72	5.5	7.6	4.0	28	6.5	3.3	0.2	0.3	<0.1	<0.1	2.3
REP 14-MH-016 6.30	QC										6.4	8.2	4.3	30	6.2	3.7	0.2	0.3	<0.1	<0.1	4.4
REP 14-MH-016 26.00	QC								0.07	0.40											
15-MH-97/63 193.40	Drill Core	0.12	0.67	0.13	0.47	0.06	0.45	0.06	2.89	0.07	1.2	15.0	9.0	81	4.7	2.8	<0.1	<0.1	<0.1	0.2	3.8
REP 15-MH-97/63 193.40	QC	0.13	0.76	0.14	0.37	0.07	0.43	0.07													
15-MH-97/63 121.40	Drill Core	0.07	0.34	0.06	0.26	0.04	0.27	0.04	2.15	<0.02	0.1	2.0	3.7	8	0.7	<0.5	<0.1	<0.1	<0.1	<0.1	4.4
REP 15-MH-97/63 121.40	QC										0.1	2.3	3.7	9	0.5	<0.5	<0.1	<0.1	<0.1	<0.1	1.7
REP 15-MH-97/63 106.00	QC								1.01	<0.02											
15-MH-94/37 154.00	Drill Core	0.23	1.33	0.24	0.71	0.12	0.73	0.13	1.02	<0.02	<0.1	5.9	6.0	29	2.6	0.8	<0.1	<0.1	0.1	<0.1	4.5
REP 15-MH-94/37 154.00	QC	0.23	1.30	0.25	0.74	0.10	0.85	0.11													
15-MH-94/37 46.29	Drill Core	0.37	2.21	0.47	1.29	0.18	1.04	0.18	3.49	0.07	1.5	60.4	4.4	37	89.3	1.4	<0.1	<0.1	<0.1	<0.1	8.3
REP 15-MH-94/37 46.29	QC										1.4	57.6	4.4	38	84.4	1.7	0.1	<0.1	<0.1	<0.1	8.5
15-MH-94/37 26.00	Drill Core	0.25	1.61	0.30	0.74	0.12	0.96	0.19	1.38	0.08	0.8	28.2	12.2	105	5.1	3.0	0.1	0.1	0.2	0.1	3.1
REP 15-MH-94/37 26.00	QC								1.37	0.08											
Core Reject Duplicates																					
14-MH-016 26.00	Drill Core	0.18	0.92	0.21	0.65	0.10	0.65	0.11	0.07	0.42	0.4	5.3	8.8	32	4.3	2.6	<0.1	0.1	<0.1	<0.1	4.3
DUP 14-MH-016 26.00	QC	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.
15-MH-97/63 106.00	Drill Core	0.10	0.57	0.11	0.32	0.04	0.31	0.04	1.00	<0.02	0.3	4.2	5.8	10	0.9	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5
DUP 15-MH-97/63 106.00	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	0.99	<0.02	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
15-MH-94/37 32.40	Drill Core	0.11	0.68	0.14	0.34	0.05	0.38	0.06	0.90	<0.02	1.3	3.1	4.2	21	1.2	1.1	<0.1	<0.1	<0.1	<0.1	3.1
DUP 15-MH-94/37 32.40	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	0.92	<0.02	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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**Client:** Yukon Geological Survey

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**Project:** Hutchison Samples 2015

**Report Date:** December 02, 2015

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**Part:** 4 of 4

## QUALITY CONTROL REPORT

WHI15000269.1

Method	AQ200	AQ200	AQ200	
Analyte	Hg	Tl	Se	
Unit	ppm	ppm	ppm	
MDL	0.01	0.1	0.5	
15-MH-97/63 285.50	Drill Core	0.90	0.3	0.8
15-MH-97/63 67.00	Drill Core	<0.01	<0.1	<0.5
15-MH-94/37 5.40	Drill Core	0.01	<0.1	<0.5
Pulp Duplicates				
14-MH-010 0.00	Drill Core	0.18	0.1	1.1
REP 14-MH-010 0.00	QC	0.20	0.1	1.2
14-MH-013 1.20	Drill Core	0.01	<0.1	<0.5
REP 14-MH-013 1.20	QC			
14-MH-016 6.30	Drill Core	0.06	0.1	0.8
REP 14-MH-016 6.30	QC	0.06	0.1	<0.5
REP 14-MH-016 26.00	QC			
15-MH-97/63 193.40	Drill Core	0.06	<0.1	<0.5
REP 15-MH-97/63 193.40	QC			
15-MH-97/63 121.40	Drill Core	<0.01	<0.1	<0.5
REP 15-MH-97/63 121.40	QC	<0.01	<0.1	0.6
REP 15-MH-97/63 106.00	QC			
15-MH-94/37 154.00	Drill Core	0.05	<0.1	<0.5
REP 15-MH-94/37 154.00	QC			
15-MH-94/37 46.29	Drill Core	<0.01	<0.1	<0.5
REP 15-MH-94/37 46.29	QC	0.01	<0.1	<0.5
15-MH-94/37 26.00	Drill Core	0.06	<0.1	0.7
REP 15-MH-94/37 26.00	QC			
Core Reject Duplicates				
14-MH-016 26.00	Drill Core	0.04	<0.1	<0.5
DUP 14-MH-016 26.00	QC	I.S.	I.S.	I.S.
15-MH-97/63 106.00	Drill Core	<0.01	<0.1	<0.5
DUP 15-MH-97/63 106.00	QC	I.S.	I.S.	I.S.
15-MH-94/37 32.40	Drill Core	<0.01	<0.1	<0.5
DUP 15-MH-94/37 32.40	QC	I.S.	I.S.	I.S.

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Whitehorse YT Y1A 1B5 CANADA

**Project:** Hutchison Samples 2015  
**Report Date:** December 02, 2015

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# QUALITY CONTROL REPORT

WHI15000269.1

		WGHT	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	
		Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	
		kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	
Reference Materials																						
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD SO-18	Standard		57.89	14.18	7.65	3.42	6.40	3.69	2.15	0.69	0.80	0.40	0.557	49	24	1.9	99.75	468	<1	24.4	6.8	
STD SO-18	Standard		57.67	14.31	7.73	3.41	6.33	3.70	2.21	0.69	0.80	0.40	0.574	45	24	1.9	99.73	491	1	24.0	6.9	
STD SO-18	Standard		58.14	14.07	7.60	3.38	6.41	3.66	2.15	0.69	0.78	0.39	0.547	46	23	1.9	99.72	559	2	23.8	6.6	
STD SO-19	Standard		60.48	13.91	7.52	2.94	5.93	4.03	1.30	0.70	0.31	0.13	0.503	468	27	1.9	99.75	460	20	20.5	4.3	
STD SO-19	Standard		60.36	13.99	7.51	2.92	5.93	4.08	1.30	0.70	0.31	0.13	0.512	470	26	1.9	99.75	462	12	20.5	4.1	
STD SO-19	Standard		60.60	13.96	7.49	2.91	5.81	4.03	1.28	0.70	0.31	0.13	0.498	468	26	1.9	99.72	538	17	21.9	4.9	
STD GS311-1 Expected																						
STD GS910-4 Expected																						
STD DS10 Expected																						
STD OREAS45EA Expected																						
STD SO-18 Expected			58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	44	25			514		26.2	7.1	
STD SO-19 Expected			61.13	13.95	7.47	2.88	6	4.11	1.29	0.69	0.32	0.13	0.5	470	27			486	20	24	4.5	
BLK	Blank																					
BLK	Blank																					

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**Project:** Hutchison Samples 2015  
**Report Date:** December 02, 2015

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Part: 2 of 4

# QUALITY CONTROL REPORT

WHI15000269.1

		LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200		
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	
Reference Materials																						
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD SO-18	Standard	17.3	10.0	18.0	29.3	13	354.0	7.1	9.3	14.9	202	12.9	264.4	27.6	11.4	24.5	3.65	14.6	2.64	0.77	2.76	
STD SO-18	Standard	16.6	8.8	18.0	25.9	14	411.8	6.4	9.3	15.2	205	14.8	273.2	29.4	12.0	26.2	3.15	12.3	2.78	0.81	2.88	
STD SO-18	Standard	16.2	9.1	18.0	28.7	15	427.4	6.9	10.2	17.8	196	14.5	290.9	30.3	13.0	29.1	3.37	13.3	2.90	0.84	3.08	
STD SO-19	Standard	15.5	2.8	62.0	17.7	16	270.9	4.5	12.5	18.9	166	8.9	98.0	30.0	66.1	140.6	17.47	66.9	12.14	3.33	9.15	
STD SO-19	Standard	15.9	2.8	63.5	18.9	18	308.5	4.3	12.0	18.0	172	8.6	103.8	31.0	67.3	161.3	18.56	74.1	12.43	3.55	9.90	
STD SO-19	Standard	16.2	3.0	64.6	19.6	20	353.8	5.3	13.3	22.7	167	12.1	118.2	36.9	75.8	178.3	20.55	81.2	13.73	3.91	11.15	
STD GS311-1 Expected																						
STD GS910-4 Expected																						
STD DS10 Expected																						
STD OREAS45EA Expected																						
STD SO-18 Expected		17.6	9.8	19.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	290	29	12.3	27.1	3.45	14	3	0.89	2.93	
STD SO-19 Expected		17.5	3.1	68.5	19.5	19	317.1	4.9	13	19.4	165	9.8	112	35.5	71.3	161	19.4	75.7	13.7	3.81	10.53	
BLK	Blank																					
BLK	Blank																					

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# QUALITY CONTROL REPORT

WHI15000269.1

		LF200	LF200	LF200	LF200	LF200	LF200	TC000	TC000	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200		
		Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	
		0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	
Reference Materials																						
STD DS10	Standard										14.5	151.1	153.4	363	71.0	46.1	2.6	9.0	12.6	1.9	58.4	
STD DS10	Standard										12.9	158.5	151.3	401	72.3	50.4	2.7	9.1	12.8	2.1	55.1	
STD DS10	Standard										13.5	154.1	155.8	373	73.2	48.0	2.7	9.6	13.2	2.0	65.6	
STD DS10	Standard										15.8	158.2	159.5	385	76.0	46.6	2.9	10.7	13.0	1.9	57.6	
STD GS311-1	Standard							1.01	2.46													
STD GS311-1	Standard							1.02	2.38													
STD GS311-1	Standard							1.03	2.30													
STD GS910-4	Standard							2.75	8.47													
STD GS910-4	Standard							2.69	8.36													
STD GS910-4	Standard							2.70	8.21													
STD OREAS45EA	Standard										1.5	750.3	14.9	32	404.8	11.4	<0.1	0.4	0.3	0.3	51.5	
STD OREAS45EA	Standard										1.5	736.6	15.1	35	412.2	12.9	<0.1	0.4	0.3	0.3	59.4	
STD OREAS45EA	Standard										1.4	663.3	14.4	32	364.6	9.7	<0.1	0.4	0.3	0.2	55.9	
STD OREAS45EA	Standard										1.8	741.7	15.3	33	402.5	12.5	<0.1	0.4	0.3	0.2	48.0	
STD SO-18	Standard	0.46	2.74	0.57	1.67	0.24	1.90	0.25														
STD SO-18	Standard	0.46	2.84	0.57	1.75	0.27	1.64	0.25														
STD SO-18	Standard	0.52	3.12	0.59	1.85	0.26	1.80	0.27														
STD SO-19	Standard	1.53	6.81	1.41	3.31	0.45	3.08	0.53														
STD SO-19	Standard	1.32	7.14	1.26	3.43	0.48	3.40	0.48														
STD SO-19	Standard	1.48	7.49	1.35	3.90	0.55	3.68	0.54														
STD GS311-1 Expected								1.02	2.35													
STD GS910-4 Expected								2.65	8.27													
STD DS10 Expected											13.6	154.61	150.55	370	74.6	46.2	2.62	9	11.65	2.02	91.9	
STD OREAS45EA Expected											1.6	709	14.3	31.4	381	10.3	0.03	0.32	0.26	0.26	53	
STD SO-18 Expected		0.53	3	0.62	1.84	0.27	1.79	0.27														
STD SO-19 Expected		1.41	7.5	1.39	3.78	0.55	3.55	0.53														
BLK	Blank							<0.02	<0.02													
BLK	Blank							0.07	<0.02													

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**Client:** Yukon Geological Survey  
2099 - 2nd Ave  
P.O. Box 2703 (K-10)  
Whitehorse YT Y1A 1B5 CANADA

**Project:** Hutchison Samples 2015  
**Report Date:** December 02, 2015

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# QUALITY CONTROL REPORT

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		AQ200 Hg ppm 0.01	AQ200 Tl ppm 0.1	AQ200 Se ppm 0.5
Reference Materials				
STD DS10	Standard	0.33	4.8	2.6
STD DS10	Standard	0.32	5.2	1.9
STD DS10	Standard	0.29	5.1	1.7
STD DS10	Standard	0.27	5.1	2.4
STD GS311-1	Standard			
STD GS311-1	Standard			
STD GS311-1	Standard			
STD GS910-4	Standard			
STD GS910-4	Standard			
STD GS910-4	Standard			
STD OREAS45EA	Standard	0.01	<0.1	2.0
STD OREAS45EA	Standard	<0.01	<0.1	1.2
STD OREAS45EA	Standard	0.02	<0.1	0.8
STD OREAS45EA	Standard	0.01	<0.1	1.3
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-19	Standard			
STD SO-19	Standard			
STD SO-19	Standard			
STD GS311-1 Expected				
STD GS910-4 Expected				
STD DS10 Expected		0.3	5.1	2.3
STD OREAS45EA Expected			0.072	0.78
STD SO-18 Expected				
STD SO-19 Expected				
BLK	Blank			
BLK	Blank			

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# QUALITY CONTROL REPORT

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		WGHT	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
		Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs
		kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1
BLK	Blank		<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	0.02	1	<1	<0.2	<0.1
BLK	Blank		<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1
Prep Wash																					
ROCK-WHI	Prep Blank		70.75	14.29	3.05	0.84	2.51	4.48	2.01	0.35	0.09	0.08	<0.002	<20	7	1.4	99.84	828	2	3.9	<0.1
ROCK-WHI	Prep Blank		70.77	14.26	3.13	0.88	2.57	4.35	2.22	0.37	0.10	0.09	<0.002	<20	7	1.1	99.83	943	<1	3.9	<0.1

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# QUALITY CONTROL REPORT

WHI15000269.1

		LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200		
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	0.2	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	
BLK	Blank	<0.5	<0.1	0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	
Prep Wash																						
ROCK-WHI	Prep Blank	12.2	3.7	7.2	35.6	<1	231.4	0.3	2.8	1.6	34	<0.5	133.9	17.0	14.8	30.0	3.18	12.6	2.65	0.84	2.78	
ROCK-WHI	Prep Blank	11.6	3.1	6.7	39.0	<1	231.9	0.6	3.0	1.4	36	0.6	130.2	17.5	15.0	28.8	3.36	12.7	2.67	0.83	2.79	

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# QUALITY CONTROL REPORT

WHI15000269.1

		LF200	LF200	LF200	LF200	LF200	LF200	LF200	TC000	TC000	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200		
		Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	
		0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.5
BLK	Blank								<0.02	<0.02												
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01														
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01														
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01														
Prep Wash																						
ROCK-WHI	Prep Blank	0.45	2.82	0.57	1.70	0.28	1.91	0.34	0.04	0.07	0.5	3.0	1.2	30	0.6	1.0	<0.1	<0.1	<0.1	<0.1	18.6	
ROCK-WHI	Prep Blank	0.46	2.80	0.62	1.79	0.31	2.08	0.36	0.06	0.02	0.8	4.3	1.2	32	0.8	1.0	<0.1	<0.1	<0.1	<0.1	3.7	

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# QUALITY CONTROL REPORT

WHI15000269.1

		AQ200 Hg ppm 0.01	AQ200 Tl ppm 0.1	AQ200 Se ppm 0.5
BLK	Blank			
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank			
BLK	Blank			
BLK	Blank			
Prep Wash				
ROCK-WHI	Prep Blank	<0.01	<0.1	<0.5
ROCK-WHI	Prep Blank	<0.01	<0.1	<0.5

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