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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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To: **KLUANE DRILLING LTD**  
**14 MACDONALD ROAD**  
**WHITEHORSE YT Y1A 4L2**

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 Plus Appendix Pages  
 Finalized Date: 13- MAR- 2018  
 Account: KLUDRIL

**CERTIFICATE WH18044700**

Project: LDN- 16- 01

This report is for 69 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- FEB- 2018.

The following have access to data associated with this certificate:

JM COYNE	NICOLAI GOEPEL
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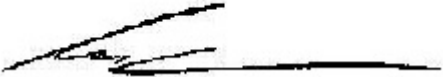
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
WSH- 22	"Wash" pulverizers
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30g FA- AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH18044700**

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units	LOR	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
W796679		3.15	0.2	1.21	22	<10	50	<0.5	<2	9.6	<0.5	7	7	75	1.59	<10
W796680		3.07	<0.2	1.24	22	<10	70	<0.5	<2	1.84	<0.5	9	18	70	2.51	<10
W796681		3.24	1.0	0.41	221	<10	40	<0.5	2	>25.0	1.1	4	8	614	2.58	<10
W796682		3.35	0.4	1.84	8	<10	10	<0.5	2	5.78	<0.5	2	16	445	0.59	<10
W796683		3.94	0.4	2.15	8	<10	60	0.5	<2	6.31	<0.5	2	21	340	0.79	<10
W796684		4.49	2.3	1.16	15	<10	<10	<0.5	9	15.5	<0.5	9	11	1905	12.10	10
W796685		3.03	0.5	2.08	14	<10	20	<0.5	<2	1.28	<0.5	26	51	2100	6.36	10
W796686		3.25	0.6	1.84	14	<10	20	<0.5	<2	1.46	<0.5	16	37	2190	4.82	10
W796687		3.77	0.2	1.77	5	<10	10	<0.5	<2	7.33	<0.5	2	8	488	1.60	<10
W796688		3.41	<0.2	0.73	2	<10	<10	<0.5	<2	12.7	<0.5	<1	7	17	1.04	<10
W796689		3.38	<0.2	1.44	8	<10	10	<0.5	<2	8.0	<0.5	<1	11	21	1.59	<10
W796690		3.00	0.4	1.42	2	<10	50	<0.5	<2	2.14	<0.5	9	17	1040	1.76	<10
W796691		2.20	<0.2	0.80	3	<10	40	<0.5	<2	1.29	<0.5	4	6	368	1.02	<10
W796692		3.78	0.4	0.97	6	<10	30	<0.5	<2	1.64	<0.5	7	8	952	1.43	<10
W796693		3.62	3.5	1.53	8	<10	20	<0.5	28	6.80	<0.5	7	17	4270	5.92	10
W796694		4.16	1.8	1.33	22	<10	<10	<0.5	19	12.2	<0.5	2	4	2010	8.10	10
W796695		1.66	0.2	0.02	<2	<10	20	<0.5	3	>25.0	<0.5	<1	<1	9	0.07	<10
W796696		4.09	0.4	1.26	8	<10	10	<0.5	<2	6.15	<0.5	3	4	419	0.95	<10
W796697		3.80	0.3	1.59	7	<10	20	<0.5	<2	4.87	0.6	7	4	325	1.65	<10
W796698		3.59	0.3	1.85	10	<10	30	<0.5	<2	4.64	0.5	7	5	232	1.78	<10
W796699		3.46	0.2	0.89	13	<10	20	<0.5	<2	0.92	<0.5	9	6	420	1.51	<10
W796700		3.88	1.1	1.45	5	<10	<10	<0.5	4	12.7	0.8	5	8	1650	9.36	10
W796701		1.81	2.1	1.39	3	<10	<10	<0.5	14	9.6	0.5	4	5	5290	5.98	10
W796702		2.85	1.3	1.62	4	<10	40	<0.5	3	2.35	0.6	13	9	2840	1.83	<10
W796703		2.62	2.1	1.04	4	<10	50	<0.5	<2	1.03	1.1	18	8	5050	1.83	<10
W796704		3.31	0.3	1.19	4	<10	10	<0.5	<2	7.5	0.5	7	6	587	5.30	10
W796705		3.39	0.7	1.57	4	<10	20	<0.5	<2	5.84	<0.5	9	8	1950	3.35	10
W796706		3.76	1.9	2.01	16	<10	<10	<0.5	2	11.9	0.8	17	16	4460	7.79	10
W796707		4.39	0.7	2.25	5	<10	<10	<0.5	2	10.1	0.7	7	10	1720	5.11	10
W796708		3.79	1.5	1.74	6	<10	<10	<0.5	<2	7.2	0.6	11	20	4140	3.65	10
W796709		2.79	0.2	1.07	4	<10	20	<0.5	<2	3.47	<0.5	8	17	322	1.05	<10
W796710		2.55	0.3	0.95	2	<10	30	<0.5	<2	1.57	<0.5	18	27	401	2.22	<10
W796711		3.46	0.2	0.77	2	<10	20	<0.5	<2	0.98	<0.5	11	14	427	2.03	<10
W796712		3.16	0.2	0.47	<2	<10	40	<0.5	<2	0.52	<0.5	3	13	539	0.77	<10
W796713		2.93	0.4	0.86	3	<10	60	<0.5	<2	0.93	<0.5	6	9	975	0.86	<10
W796714		1.25	0.5	1.07	5	<10	30	<0.5	<2	1.13	<0.5	7	19	1150	1.32	<10
W796715		2.01	<0.2	0.02	<2	<10	20	<0.5	<2	>25.0	<0.5	1	<1	10	0.08	<10
W796716		3.41	0.4	1.14	2	<10	60	<0.5	<2	2.01	<0.5	7	24	1090	1.02	<10
W796717		2.63	0.9	1.37	<2	<10	70	<0.5	<2	2.19	<0.5	7	28	2850	1.18	<10
W796718		1.52	0.7	1.40	<2	<10	50	<0.5	<2	1.88	<0.5	7	27	2420	1.35	<10



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**CERTIFICATE OF ANALYSIS WH18044700**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
W796679		<1	0.06	10	0.12	150	8	0.06	8	870	15	1.37	<2	1	251	<20
W796680		<1	0.27	10	0.98	96	10	0.12	13	1070	7	1.83	<2	1	157	<20
W796681		<1	0.05	<10	0.78	114	4	0.03	14	530	6	1.81	<2	<1	884	<20
W796682		<1	0.01	10	0.33	275	150	0.02	3	990	9	0.18	<2	1	117	<20
W796683		<1	0.04	10	0.27	294	19	0.03	4	860	24	0.18	2	1	217	<20
W796684		<1	<0.01	10	0.04	1730	2440	0.01	2	190	15	0.23	<2	<1	20	<20
W796685		<1	0.05	10	1.57	294	11	0.07	16	1200	<2	3.09	<2	3	89	<20
W796686		<1	0.04	10	1.35	334	54	0.05	15	1030	2	2.23	<2	2	113	<20
W796687		<1	0.01	10	0.30	713	188	0.03	2	690	4	0.08	<2	1	97	<20
W796688		<1	0.01	<10	0.03	725	5	0.01	<1	90	<2	0.01	<2	<1	49	<20
W796689		<1	0.01	10	0.06	635	64	0.01	<1	710	<2	0.01	<2	2	56	<20
W796690		<1	0.04	10	0.18	215	30	0.16	8	670	<2	1.36	<2	1	481	<20
W796691		<1	0.07	10	0.38	133	24	0.13	3	500	<2	0.73	<2	1	121	<20
W796692		<1	0.06	10	0.58	219	16	0.13	3	650	2	0.79	<2	1	93	<20
W796693		<1	0.07	10	0.67	760	561	0.07	6	810	3	0.96	<2	1	66	<20
W796694		<1	<0.01	10	0.04	1075	834	0.01	<1	450	2	0.26	<2	<1	18	<20
W796695		1	<0.01	<10	0.70	102	1	<0.01	<1	60	<2	0.01	3	<1	88	<20
W796696		1	0.05	10	0.13	439	20	0.01	2	660	2	0.36	2	1	57	<20
W796697		1	0.05	<10	0.10	263	35	<0.01	6	580	7	1.38	<2	1	101	<20
W796698		1	0.07	<10	0.19	247	20	0.04	5	680	6	1.36	2	1	117	<20
W796699		<1	0.09	10	0.54	168	5	0.09	4	760	8	1.07	2	1	71	<20
W796700		<1	0.01	<10	0.18	1625	8050	0.01	2	280	4	0.81	<2	1	33	<20
W796701		1	<0.01	<10	0.17	1430	2470	0.01	3	310	5	0.72	<2	2	42	<20
W796702		1	0.09	10	1.10	378	113	0.08	13	1120	2	0.88	<2	1	227	<20
W796703		1	0.07	10	0.99	200	186	0.06	19	1320	3	1.20	<2	1	70	<20
W796704		1	0.04	<10	0.29	1235	5570	0.04	3	400	3	0.57	<2	1	55	<20
W796705		1	0.03	10	0.16	842	444	0.05	6	500	4	0.47	<2	1	272	20
W796706		<1	<0.01	<10	0.07	1800	60	<0.01	4	470	3	0.64	<2	2	5	<20
W796707		2	<0.01	<10	0.11	1635	15	<0.01	3	360	2	0.23	3	3	15	<20
W796708		1	<0.01	<10	0.20	1230	45	<0.01	5	870	2	0.51	<2	4	14	<20
W796709		1	0.04	20	0.78	736	238	0.05	14	1230	4	0.11	2	2	72	<20
W796710		1	0.04	10	0.73	250	10	0.05	30	1360	3	1.38	3	1	139	<20
W796711		<1	0.03	10	0.39	157	28	0.10	18	720	2	1.57	<2	1	197	20
W796712		1	0.06	20	0.21	105	31	0.05	7	390	4	0.16	2	<1	38	40
W796713		1	0.05	10	0.11	70	90	0.12	16	820	3	0.58	2	1	86	20
W796714		1	0.04	10	0.53	207	24	0.12	21	870	2	0.71	<2	1	82	<20
W796715		1	<0.01	<10	0.57	100	1	<0.01	<1	80	2	0.02	2	<1	92	<20
W796716		1	0.07	20	0.98	224	87	0.09	23	1110	6	0.35	<2	4	92	<20
W796717		1	0.08	10	1.05	236	48	0.11	21	950	4	0.35	3	4	308	<20
W796718		1	0.08	10	1.05	280	30	0.11	22	930	5	0.26	<2	3	327	<20



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**CERTIFICATE OF ANALYSIS WH18044700**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Au- AA23
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Au ppm
		0.01	10	10	1	10	2	0.005
W796679		0.08	<10	<10	14	<10	61	<0.005
W796680		0.13	<10	<10	25	<10	67	<0.005
W796681		0.06	<10	<10	18	<10	109	0.005
W796682		0.07	<10	<10	17	<10	66	<0.005
W796683		0.08	<10	<10	17	<10	48	<0.005
W796684		0.02	<10	10	107	1450	4	0.152
W796685		0.28	<10	<10	139	10	56	0.010
W796686		0.22	<10	<10	98	10	52	0.008
W796687		0.07	<10	<10	31	40	26	0.007
W796688		0.02	<10	<10	10	10	2	<0.005
W796689		0.07	<10	10	22	20	4	<0.005
W796690		0.09	<10	<10	26	<10	17	0.005
W796691		0.07	<10	<10	17	<10	15	<0.005
W796692		0.13	<10	<10	34	<10	42	0.008
W796693		0.15	<10	10	45	60	20	0.057
W796694		0.03	<10	10	15	280	3	0.024
W796695		<0.01	<10	<10	<1	<10	4	<0.005
W796696		0.06	<10	<10	14	10	49	0.013
W796697		0.05	<10	<10	15	<10	100	<0.005
W796698		0.06	<10	<10	15	<10	90	0.005
W796699		0.09	<10	<10	26	<10	74	0.007
W796700		0.04	<10	<10	23	10	12	<0.005
W796701		0.06	<10	<10	28	10	12	0.005
W796702		0.11	<10	<10	40	<10	94	0.014
W796703		0.11	<10	<10	32	<10	117	0.018
W796704		0.07	<10	<10	26	<10	21	<0.005
W796705		0.06	<10	<10	20	10	26	0.010
W796706		0.06	<10	10	32	10	14	0.020
W796707		0.07	<10	<10	52	10	23	0.015
W796708		0.06	<10	<10	36	<10	28	0.021
W796709		0.10	<10	<10	20	<10	47	0.005
W796710		0.12	<10	<10	40	<10	25	0.008
W796711		0.10	<10	<10	19	<10	17	<0.005
W796712		0.07	<10	10	17	<10	12	<0.005
W796713		0.10	<10	<10	17	<10	10	0.008
W796714		0.10	<10	<10	21	<10	28	0.010
W796715		<0.01	<10	<10	<1	<10	2	<0.005
W796716		0.13	<10	<10	45	<10	21	0.007
W796717		0.11	<10	<10	44	<10	18	0.027
W796718		0.14	<10	<10	46	<10	21	0.025



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Sample Description	Method Analyte Units LOR	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
W796719		2.79	0.6	1.45	<2	<10	50	<0.5	<2	1.51	<0.5	6	25	1780	1.12	<10
W796720		2.46	0.3	0.91	2	<10	40	<0.5	<2	0.92	<0.5	4	16	752	0.89	<10
W796721		2.57	0.3	1.30	2	<10	50	<0.5	<2	1.31	<0.5	5	22	549	1.19	<10
W796722		3.20	0.3	1.02	<2	<10	60	<0.5	<2	1.01	<0.5	6	22	567	1.20	<10
W796723		2.11	<0.2	0.62	3	<10	50	<0.5	<2	0.84	<0.5	6	38	81	1.02	<10
W796724		2.10	0.2	1.01	3	<10	80	<0.5	<2	1.24	<0.5	9	9	506	0.88	<10
W796725		3.28	<0.2	0.86	2	<10	80	<0.5	<2	0.75	<0.5	8	23	335	1.37	<10
W796726		3.40	0.2	0.88	<2	<10	60	<0.5	<2	0.80	<0.5	8	26	465	1.56	<10
W796727		3.11	<0.2	0.90	2	<10	60	<0.5	<2	0.94	<0.5	7	25	353	1.49	<10
W796728		3.58	0.5	0.90	<2	<10	50	<0.5	<2	0.97	<0.5	6	15	1380	1.04	<10
W796729		1.72	0.4	1.34	2	<10	120	<0.5	<2	1.29	<0.5	9	35	1420	2.17	<10
W796730		2.69	0.3	1.40	2	<10	100	<0.5	2	2.16	<0.5	10	19	612	1.69	<10
W796731		2.49	0.6	1.13	<2	<10	100	<0.5	<2	1.53	<0.5	7	26	1450	1.52	<10
W796732		3.70	0.8	1.41	<2	<10	70	<0.5	<2	1.97	<0.5	10	28	2050	2.02	<10
W796733		2.99	1.5	1.61	2	<10	60	<0.5	2	2.88	<0.5	23	28	3500	3.06	10
W796734		2.97	0.6	1.21	3	<10	70	<0.5	<2	1.71	<0.5	17	27	1310	2.05	<10
W796735		2.50	<0.2	0.02	<2	<10	20	<0.5	2	>25.0	<0.5	<1	<1	5	0.10	<10
W796736		3.35	0.5	1.16	<2	<10	40	<0.5	<2	2.12	<0.5	9	36	976	1.75	<10
W796737		3.10	0.3	0.45	2	<10	50	<0.5	<2	1.09	<0.5	8	9	585	0.96	<10
W796738		3.77	0.6	0.72	2	<10	100	<0.5	2	0.92	<0.5	9	22	1680	1.32	<10
W796739		2.03	0.8	0.96	2	<10	100	<0.5	3	1.15	<0.5	8	19	1940	1.82	<10
W796740		2.91	0.3	1.07	<2	<10	80	<0.5	<2	1.20	<0.5	9	30	602	1.97	<10
W796741		2.87	0.4	0.96	<2	<10	50	<0.5	<2	0.96	<0.5	7	24	758	1.75	<10
W796742		2.58	1.2	1.02	<2	<10	60	<0.5	5	1.01	<0.5	9	25	2720	1.72	<10
W796743		3.22	0.4	1.09	<2	<10	40	<0.5	2	1.43	<0.5	9	38	755	2.06	<10
W796744		3.14	0.2	1.05	<2	<10	50	<0.5	<2	1.34	<0.5	8	34	399	2.01	<10
W796745		2.57	<0.2	0.93	<2	<10	80	<0.5	<2	1.04	<0.5	8	34	94	2.10	<10
W796746		2.59	<0.2	1.26	<2	<10	50	<0.5	<2	1.66	<0.5	11	32	328	2.59	<10
W796747		2.64	0.3	1.37	2	<10	50	<0.5	<2	2.04	<0.5	10	36	475	2.24	10



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**CERTIFICATE OF ANALYSIS WH18044700**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
W796719		1	0.06	20	0.71	173	10	0.14	16	1050	5	0.19	2	2	321	<20
W796720		1	0.07	20	0.45	143	7	0.13	10	1120	4	0.08	<2	1	137	<20
W796721		1	0.07	20	0.65	202	9	0.14	14	1080	2	0.06	<2	2	249	<20
W796722		1	0.10	10	0.54	185	51	0.14	14	1070	4	0.08	<2	1	184	<20
W796723		<1	0.07	20	0.42	172	1	0.13	18	1170	4	0.17	<2	2	57	<20
W796724		1	0.05	10	0.19	85	18	0.16	18	1080	5	0.63	<2	1	298	<20
W796725		<1	0.10	10	0.49	153	3	0.14	19	970	2	0.44	<2	1	85	<20
W796726		1	0.08	10	0.57	187	4	0.13	17	1030	<2	0.19	<2	1	56	<20
W796727		1	0.09	10	0.61	204	8	0.12	17	1100	2	0.13	<2	2	80	<20
W796728		1	0.08	10	0.32	106	37	0.14	17	1150	3	0.42	2	1	236	<20
W796729		1	0.13	10	0.92	248	43	0.10	19	1110	<2	0.15	<2	3	377	<20
W796730		1	0.08	10	0.71	214	11	0.10	21	980	4	0.92	<2	3	197	<20
W796731		1	0.13	10	0.79	222	81	0.10	18	1070	4	0.43	<2	3	229	<20
W796732		<1	0.10	10	1.04	319	59	0.09	24	1040	5	0.37	2	4	242	<20
W796733		1	0.08	10	1.20	344	48	0.08	32	940	6	1.40	<2	4	310	<20
W796734		<1	0.06	10	0.85	259	1	0.08	25	1100	3	0.87	<2	3	357	<20
W796735		<1	<0.01	<10	0.68	107	<1	<0.01	<1	80	<2	0.01	<2	<1	95	<20
W796736		<1	0.05	10	1.09	326	14	0.06	23	1050	4	0.41	<2	4	117	<20
W796737		1	0.04	10	0.14	70	5	0.08	20	1180	7	0.74	3	1	85	<20
W796738		<1	0.06	10	0.48	150	41	0.06	20	1040	3	0.33	<2	1	128	<20
W796739		<1	0.11	10	0.71	226	12	0.08	18	1100	4	0.18	2	2	184	<20
W796740		<1	0.13	20	0.91	310	8	0.06	20	840	3	0.05	<2	3	102	20
W796741		<1	0.10	10	0.76	268	6	0.06	16	630	3	0.11	<2	2	70	20
W796742		<1	0.06	10	0.77	224	11	0.06	18	760	3	0.36	<2	2	126	<20
W796743		<1	0.09	10	0.91	304	10	0.07	19	1100	3	0.08	<2	3	114	<20
W796744		<1	0.09	10	0.87	300	4	0.07	18	1050	2	0.04	<2	3	186	<20
W796745		<1	0.17	10	0.79	284	4	0.08	17	1040	<2	0.01	<2	2	87	<20
W796746		<1	0.06	10	1.08	363	2	0.06	22	990	3	0.06	<2	4	102	<20
W796747		1	0.09	10	1.24	443	8	0.06	21	970	5	0.09	3	4	124	<20



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**CERTIFICATE OF ANALYSIS WH18044700**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Au- AA23
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Au ppm
		0.01	10	10	1	10	2	0.005
W796719		0.16	<10	<10	43	<10	19	0.015
W796720		0.17	<10	<10	39	<10	12	0.007
W796721		0.17	<10	<10	43	<10	18	0.007
W796722		0.17	<10	<10	47	<10	17	0.006
W796723		0.17	<10	<10	35	<10	16	<-0.005
W796724		0.14	<10	<10	22	<10	10	<-0.005
W796725		0.16	<10	<10	41	<10	20	<-0.005
W796726		0.18	<10	<10	50	<10	23	<-0.005
W796727		0.18	<10	<10	49	<10	20	<-0.005
W796728		0.16	<10	<10	36	<10	17	0.012
W796729		0.18	<10	<10	70	<10	21	0.018
W796730		0.11	<10	<10	42	<10	17	0.006
W796731		0.14	<10	<10	50	<10	21	0.022
W796732		0.14	<10	<10	63	<10	27	0.025
W796733		0.11	<10	<10	51	<10	29	0.033
W796734		0.12	<10	<10	43	<10	22	0.013
W796735		<0.01	<10	<10	<1	<10	2	<-0.005
W796736		0.11	<10	<10	51	<10	24	0.020
W796737		0.12	<10	<10	18	<10	11	0.012
W796738		0.12	<10	<10	36	<10	16	0.020
W796739		0.16	<10	<10	68	<10	19	0.023
W796740		0.14	<10	<10	57	<10	25	0.009
W796741		0.13	<10	<10	47	<10	21	0.009
W796742		0.12	<10	<10	49	<10	18	0.034
W796743		0.16	<10	<10	67	<10	23	0.014
W796744		0.14	<10	<10	60	<10	21	0.005
W796745		0.16	<10	<10	60	<10	22	<-0.005
W796746		0.11	<10	<10	62	<10	26	<-0.005
W796747		0.12	<10	<10	62	<10	33	<-0.005



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**CERTIFICATE OF ANALYSIS WH18044700**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU- 31	CRU- QC	LOG- 21	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	WSH- 22
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au- AA23	ME- ICP41		





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This copy reported on  
26- MAR- 2018  
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**CERTIFICATE WH18052762**

Project: LDN- 16- 02

This report is for 73 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- MAR- 2018.

The following have access to data associated with this certificate:

JM COYNE

NICOLAI. GOEPEL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- 31	Fine crushing - 70% < 2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	ICP- AES
Au- AA23	Au 30g FA- AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **KLUANE DRILLING LTD**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH18052762**

Sample Description	Method Analyte Units LOR	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
W796792		<0.005	0.3	1.60	16	<10	110	<0.5	<2	0.79	<0.5	26	114	149	4.85	10
W796793		<0.005	0.2	2.29	10	<10	80	<0.5	<2	0.73	<0.5	26	143	105	4.84	10
W796794		<0.005	<0.2	1.23	7	<10	220	<0.5	<2	14.8	<0.5	25	47	85	2.76	<10
W796795		<0.005	0.2	0.16	4	<10	40	<0.5	<2	>25.0	0.6	2	1	161	0.57	<10
W796796		<0.005	0.2	1.26	5	<10	20	<0.5	<2	16.2	0.5	4	24	425	1.73	<10
W796797		0.006	0.5	1.34	8	<10	20	<0.5	<2	4.33	<0.5	16	45	1145	1.94	<10
W796798		0.005	0.6	1.90	12	<10	30	<0.5	<2	1.48	<0.5	28	14	1865	2.54	<10
W796799		<0.005	0.2	1.33	10	<10	70	<0.5	<2	1.51	<0.5	8	28	277	1.84	10
W796800		<0.005	<0.2	2.29	7	<10	60	<0.5	<2	3.36	<0.5	11	53	473	4.14	10
W796801		0.007	0.7	2.50	49	<10	30	<0.5	2	3.89	1.1	24	144	2540	6.62	10
W796802		0.005	0.2	1.52	9	<10	30	<0.5	<2	4.13	0.8	10	80	728	2.60	10
W796803		0.016	0.9	1.11	7	<10	60	<0.5	<2	1.52	<0.5	24	26	2480	1.90	<10
W796804		0.005	0.2	1.57	7	<10	20	<0.5	<2	2.79	<0.5	6	41	779	1.01	<10
W796805		0.006	0.2	1.66	23	<10	100	<0.5	<2	0.98	<0.5	25	121	695	3.90	10
W796806		0.007	0.3	1.61	35	<10	70	<0.5	2	1.54	<0.5	25	114	1140	3.89	10
W796807		0.007	<0.2	1.50	45	<10	50	<0.5	<2	0.80	<0.5	29	108	590	3.92	10
W796808		0.010	0.5	1.87	11	<10	40	<0.5	<2	1.44	<0.5	20	66	1830	2.42	10
W796809		0.018	0.9	1.46	41	<10	70	<0.5	<2	0.74	<0.5	29	127	3220	3.89	10
W796810		0.029	1.7	0.96	22	<10	40	<0.5	<2	0.79	<0.5	23	70	6140	2.65	<10
W796811		0.037	2.5	1.16	16	<10	40	<0.5	<2	0.84	<0.5	25	79	8240	2.87	<10
W796812		0.055	3.2	1.06	14	<10	20	<0.5	2	0.78	0.5	25	66	9560	2.82	<10
W796813		<0.005	<0.2	0.02	<2	<10	20	<0.5	<2	>25.0	<0.5	<1	<1	13	0.09	<10
W796814		0.033	1.7	1.44	14	<10	20	<0.5	<2	0.89	<0.5	23	80	4920	2.87	10
W796815		0.040	0.9	1.15	2	<10	40	<0.5	4	2.27	<0.5	5	8	1480	0.95	<10
W796816		0.066	4.9	1.39	12	<10	80	<0.5	15	1.54	0.7	18	87	>10000	3.04	10
W796817		0.103	5.7	1.73	10	<10	100	<0.5	10	0.86	0.6	26	139	>10000	3.33	10
W796818		<0.005	0.3	1.16	15	<10	60	<0.5	<2	0.70	<0.5	9	11	711	1.88	10
W796819		0.006	0.2	0.50	4	<10	30	<0.5	<2	0.63	<0.5	7	5	510	1.11	<10
W796820		<0.005	<0.2	1.60	7	<10	<10	<0.5	<2	11.3	<0.5	1	7	232	6.28	10
W796821		<0.005	0.2	1.33	15	<10	40	<0.5	<2	4.56	<0.5	11	39	594	4.21	10
W796822		<0.005	<0.2	1.50	8	<10	50	<0.5	<2	1.31	<0.5	7	19	197	1.25	<10
W796823		0.009	0.6	1.18	4	<10	30	<0.5	3	1.08	<0.5	51	16	2820	7.72	<10
W796824		<0.005	<0.2	1.35	6	<10	20	<0.5	2	3.21	<0.5	14	13	474	2.33	<10
W796825		<0.005	<0.2	1.18	12	<10	100	<0.5	<2	0.84	<0.5	26	87	819	3.31	<10
W796826		<0.005	0.3	1.18	23	<10	30	<0.5	<2	0.85	<0.5	27	81	1270	3.19	<10
W796827		0.005	0.2	1.47	26	<10	40	<0.5	<2	1.12	<0.5	26	91	904	3.53	10
W796828		<0.005	<0.2	0.92	10	<10	20	<0.5	<2	0.82	<0.5	27	39	862	3.54	<10
W796829		0.005	0.3	1.73	7	<10	50	<0.5	<2	1.48	<0.5	21	32	1340	2.46	<10
W796830		<0.005	0.6	1.29	11	<10	30	<0.5	<2	1.41	<0.5	23	47	2500	2.61	<10
W796831		0.005	0.4	1.14	13	<10	30	<0.5	2	0.89	<0.5	23	46	1380	2.91	<10



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
W796792		<1	0.49	10	2.22	295	9	0.08	25	1080	2	3.03	2	7	82	<20
W796793		<1	0.96	10	3.33	331	10	0.06	28	1110	<2	2.68	3	6	54	<20
W796794		<1	0.42	10	1.20	190	6	0.05	15	740	2	1.89	2	2	517	<20
W796795		2	0.01	<10	0.08	94	3	0.01	11	250	3	0.47	<2	<1	1320	<20
W796796		<1	0.05	10	0.93	534	15	0.02	7	330	6	0.50	<2	2	409	<20
W796797		<1	0.07	10	1.15	341	14	0.07	19	770	4	1.00	<2	3	188	<20
W796798		<1	0.06	10	0.34	74	18	0.23	18	690	<2	1.74	<2	<1	325	<20
W796799		<1	0.16	10	1.10	136	50	0.09	12	890	3	0.65	3	1	179	<20
W796800		<1	0.13	<10	2.38	442	35	0.06	11	930	6	0.78	2	7	176	<20
W796801		<1	0.09	10	2.12	487	18	0.10	47	1050	33	2.93	<2	9	183	<20
W796802		<1	0.06	10	1.63	396	48	0.06	18	790	29	0.76	<2	6	169	<20
W796803		<1	0.06	10	0.35	133	45	0.10	25	920	<2	1.26	<2	1	1485	<20
W796804		<1	0.03	10	0.36	217	17	0.10	6	950	2	0.21	<2	1	271	<20
W796805		<1	0.20	10	1.60	224	25	0.06	25	1090	<2	1.58	<2	2	92	<20
W796806		1	0.13	10	1.68	259	50	0.06	25	1110	2	1.72	<2	2	66	<20
W796807		<1	0.06	10	1.42	187	13	0.08	26	1110	<2	1.85	<2	1	82	<20
W796808		<1	0.07	10	0.78	121	64	0.17	20	1190	<2	1.41	<2	1	219	<20
W796809		<1	0.17	10	1.56	211	30	0.07	33	1130	<2	1.90	<2	1	39	<20
W796810		<1	0.09	10	0.85	131	25	0.07	26	1080	<2	1.37	<2	1	70	<20
W796811		1	0.10	10	1.05	163	16	0.08	28	1080	<2	1.51	<2	2	53	<20
W796812		<1	0.05	10	0.94	157	8	0.06	30	1100	<2	1.63	<2	1	38	<20
W796813		2	<0.01	<10	0.58	96	<1	0.01	<1	70	<2	0.02	<2	<1	93	<20
W796814		<1	0.04	10	1.21	170	21	0.06	26	1120	<2	1.38	<2	1	49	<20
W796815		<1	0.03	10	0.23	157	30	0.08	6	680	2	0.44	<2	1	139	<20
W796816		<1	0.18	10	1.07	205	44	0.07	40	1170	<2	1.71	<2	2	85	<20
W796817		<1	0.49	10	2.02	189	17	0.06	63	1130	<2	1.96	<2	3	79	<20
W796818		<1	0.37	<10	1.26	99	109	0.07	5	650	<2	0.76	<2	2	51	<20
W796819		<1	0.08	10	0.23	57	6	0.09	5	680	<2	0.67	<2	1	57	<20
W796820		1	<0.01	<10	0.04	1100	516	0.01	<1	370	4	0.06	<2	<1	32	<20
W796821		1	0.04	10	0.65	484	108	0.05	22	1290	2	0.90	<2	1	97	<20
W796822		<1	0.09	10	0.67	89	10	0.15	12	1090	<2	0.44	<2	1	199	<20
W796823		<1	0.07	<10	0.42	171	5	0.11	48	910	<2	4.24	<2	1	100	<20
W796824		<1	0.02	10	0.12	253	13	0.07	8	700	4	1.19	<2	1	135	<20
W796825		<1	0.18	10	1.04	147	9	0.09	25	1120	<2	1.55	<2	1	82	<20
W796826		<1	0.09	10	1.07	141	16	0.07	24	1140	<2	1.60	<2	1	54	<20
W796827		<1	0.14	10	1.36	207	28	0.08	27	1160	<2	1.70	<2	2	75	<20
W796828		<1	0.02	10	0.65	161	56	0.07	24	1170	<2	2.13	<2	2	87	<20
W796829		<1	0.03	10	0.48	120	377	0.21	17	1130	3	1.56	<2	1	431	<20
W796830		<1	0.03	10	0.87	221	545	0.08	20	1140	2	1.33	<2	2	143	<20
W796831		<1	0.03	10	0.83	195	101	0.06	21	1140	2	1.74	<2	2	107	<20



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Cu %
		0.01	10	10	1	10	2	0.001
W796792		0.23	<10	<10	115	<10	30	
W796793		0.29	<10	<10	131	<10	38	
W796794		0.13	<10	<10	47	<10	20	
W796795		<0.01	<10	<10	1	<10	26	
W796796		0.04	<10	<10	24	<10	54	
W796797		0.06	<10	<10	41	<10	63	
W796798		0.08	<10	<10	18	<10	34	
W796799		0.13	<10	<10	49	<10	32	
W796800		0.23	<10	<10	132	<10	65	
W796801		0.19	<10	<10	134	<10	78	
W796802		0.10	<10	<10	74	<10	56	
W796803		0.10	<10	<10	28	<10	48	
W796804		0.12	<10	<10	35	<10	63	
W796805		0.23	<10	<10	99	<10	36	
W796806		0.24	<10	<10	103	<10	37	
W796807		0.22	<10	<10	89	<10	32	
W796808		0.17	<10	<10	52	<10	38	
W796809		0.24	<10	<10	93	<10	69	
W796810		0.19	<10	<10	62	<10	44	
W796811		0.21	<10	<10	71	<10	51	
W796812		0.18	<10	<10	59	<10	54	
W796813		<0.01	<10	<10	<1	<10	<2	
W796814		0.18	<10	<10	70	<10	44	
W796815		0.08	<10	<10	20	<10	25	
W796816		0.19	<10	<10	77	<10	65	1.105
W796817		0.27	<10	<10	84	<10	64	1.285
W796818		0.13	<10	<10	45	<10	26	
W796819		0.09	<10	<10	17	<10	16	
W796820		0.03	<10	10	20	360	5	
W796821		0.12	<10	<10	41	60	20	
W796822		0.12	<10	<10	28	<10	23	
W796823		0.08	<10	<10	27	<10	44	
W796824		0.11	<10	<10	31	<10	40	
W796825		0.23	<10	<10	74	<10	30	
W796826		0.21	<10	<10	70	<10	37	
W796827		0.22	<10	<10	75	<10	43	
W796828		0.16	<10	<10	41	<10	16	
W796829		0.14	<10	<10	33	<10	21	
W796830		0.16	<10	<10	47	<10	43	
W796831		0.17	<10	<10	49	<10	28	



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Sample Description	Method Analyte Units LOR	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
W796832		0.008	1.1	1.25	12	<10	20	<0.5	<2	1.11	0.6	28	53	3340	2.93	<10
W796833		<0.005	<0.2	0.02	<2	<10	10	<0.5	<2	>25.0	<0.5	<1	<1	3	0.09	<10
W796834		0.017	3.8	1.40	4	<10	50	<0.5	<2	1.11	1.9	41	9	>10000	2.30	<10
W796835		0.020	2.1	1.33	3	<10	40	<0.5	8	1.69	0.6	13	5	4760	1.07	<10
W796836		<0.005	<0.2	1.71	3	<10	<10	<0.5	<2	8.7	<0.5	2	12	25	4.43	10
W796837		<0.005	<0.2	1.59	4	<10	<10	<0.5	<2	8.0	<0.5	3	10	37	3.71	10
W796838		<0.005	0.3	1.41	3	<10	<10	<0.5	<2	6.25	<0.5	7	14	961	3.18	<10
W796839		0.023	1.6	1.03	8	<10	20	<0.5	<2	1.51	<0.5	67	9	4710	3.36	<10
W796840		0.007	0.5	1.41	4	10	10	<0.5	<2	3.94	<0.5	5	7	1980	2.01	<10
W796841		0.020	2.2	1.06	3	<10	10	<0.5	3	2.26	<0.5	15	5	5980	2.08	<10
W796842		0.015	1.2	1.90	3	<10	20	<0.5	<2	1.68	<0.5	10	6	3220	1.15	<10
W796843		0.011	0.7	3.15	3	<10	20	<0.5	2	3.42	<0.5	6	4	2320	1.01	10
W796844		<0.005	<0.2	1.73	4	<10	10	<0.5	<2	5.85	<0.5	1	6	75	2.76	10
W796845		0.010	0.7	3.26	6	<10	50	<0.5	<2	2.49	<0.5	9	19	1950	1.33	10
W796846		<0.005	<0.2	2.80	7	<10	20	<0.5	<2	4.53	<0.5	2	7	252	1.32	10
W796847		0.008	0.8	1.54	5	<10	20	<0.5	<2	4.13	<0.5	3	7	2360	1.59	<10
W796848		0.008	0.5	1.18	9	<10	10	<0.5	2	4.75	<0.5	3	6	1390	1.98	<10
W796849		0.011	1.1	1.13	3	<10	10	<0.5	4	4.96	<0.5	2	5	3730	2.75	<10
W796850		0.017	0.7	1.31	5	<10	10	<0.5	3	3.99	<0.5	3	7	2140	2.01	<10
W796851		0.017	1.0	1.50	2	<10	10	<0.5	7	4.62	<0.5	6	13	2190	2.41	10
W796852		0.011	0.6	1.28	<2	<10	50	<0.5	2	1.22	<0.5	7	37	1050	2.12	10
W796853		0.018	3.6	1.29	2	<10	60	<0.5	10	1.35	<0.5	9	56	5880	2.53	10
W796854		0.017	1.6	1.39	<2	<10	50	<0.5	6	1.72	<0.5	11	42	2460	2.36	10
W796855		0.022	1.0	0.95	<2	<10	150	<0.5	4	0.77	<0.5	7	30	1780	2.19	<10
W796856		0.055	5.0	1.63	<2	<10	140	<0.5	17	1.44	<0.5	9	31	7710	2.27	10
W796857		0.019	1.9	1.47	<2	<10	110	<0.5	8	1.45	<0.5	10	30	3180	2.44	10
W796858		0.057	3.1	1.35	<2	<10	90	<0.5	23	1.20	<0.5	9	29	5110	2.23	10
W796859		0.040	3.5	1.26	<2	<10	50	<0.5	19	1.54	<0.5	9	32	5760	2.48	10
W796860		0.009	0.6	1.18	3	<10	150	<0.5	3	0.71	<0.5	9	37	1580	2.41	10
W796861		<0.005	<0.2	1.04	<2	<10	110	<0.5	<2	0.78	<0.5	7	27	64	2.07	<10
W796862		0.016	0.2	0.90	<2	<10	50	<0.5	<2	0.77	<0.5	8	33	451	2.06	<10
W796863		0.006	0.2	1.10	<2	<10	60	<0.5	<2	0.91	<0.5	8	32	352	2.12	<10
W796864		<0.005	<0.2	0.02	<2	<10	20	<0.5	<2	>25.0	<0.5	<1	<1	2	0.08	<10



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
W796832		<1	0.03	10	0.85	187	271	0.06	19	1180	2	2.06	<2	1	100	<20
W796833		1	0.01	<10	0.95	116	1	0.01	<1	70	<2	0.02	<2	<1	88	<20
W796834		<1	0.06	10	1.05	173	23	0.07	15	1170	3	1.98	<2	1	129	<20
W796835		<1	0.04	10	0.40	159	285	0.08	7	990	7	0.79	<2	1	124	<20
W796836		<1	0.01	<10	0.13	1140	48	0.03	<1	390	<2	0.03	<2	2	34	<20
W796837		1	0.01	<10	0.25	1080	16	0.02	<1	350	2	0.06	<2	2	46	<20
W796838		<1	0.01	<10	0.29	957	37	0.04	2	610	<2	0.32	<2	2	60	<20
W796839		<1	0.03	10	0.51	306	545	0.04	25	740	2	2.82	<2	1	65	<20
W796840		<1	0.03	<10	0.10	548	1185	0.08	2	640	<2	0.41	<2	1	204	<20
W796841		<1	0.04	<10	0.18	238	289	0.07	6	720	<2	1.30	<2	<1	187	<20
W796842		<1	0.06	10	0.29	82	70	0.18	5	800	<2	0.92	<2	<1	294	<20
W796843		<1	0.04	10	0.17	213	334	0.21	2	670	<2	0.48	<2	<1	482	<20
W796844		<1	0.01	<10	0.11	833	73	0.04	<1	410	<2	0.02	<2	1	78	<20
W796845		1	0.04	10	1.30	176	156	0.24	7	830	9	0.43	<2	1	476	<20
W796846		<1	0.04	10	0.36	478	218	0.20	2	1420	2	0.06	<2	1	317	<20
W796847		<1	0.05	<10	0.51	569	11	0.02	3	480	<2	0.24	<2	1	147	<20
W796848		<1	0.02	<10	0.35	758	24	0.02	1	960	<2	0.14	<2	1	95	<20
W796849		<1	0.03	<10	0.33	834	26	0.02	1	320	<2	0.38	<2	1	76	<20
W796850		<1	0.04	<10	0.45	582	206	0.04	2	690	2	0.23	<2	1	88	<20
W796851		<1	0.02	<10	1.18	771	49	0.04	6	850	8	0.27	<2	2	88	<20
W796852		<1	0.08	10	0.74	215	45	0.10	17	1170	<2	0.05	<2	1	214	20
W796853		<1	0.20	20	1.10	292	15	0.07	24	1540	<2	0.22	<2	3	127	20
W796854		<1	0.14	10	1.30	345	1	0.07	24	1030	2	0.08	<2	3	152	<20
W796855		<1	0.33	10	0.71	224	3	0.08	14	1120	<2	0.07	<2	1	140	<20
W796856		<1	0.28	10	1.00	261	31	0.10	17	1040	2	0.25	<2	2	606	<20
W796857		<1	0.23	10	1.21	308	210	0.07	20	1100	<2	0.13	<2	3	244	<20
W796858		<1	0.07	10	0.97	269	5	0.10	18	1080	2	0.18	<2	2	435	<20
W796859		<1	0.06	10	1.04	341	2	0.08	17	1080	5	0.22	<2	3	228	<20
W796860		<1	0.41	10	0.90	245	13	0.11	20	980	<2	0.08	<2	2	196	<20
W796861		<1	0.25	10	0.62	216	2	0.11	12	1010	<2	<0.01	<2	1	318	<20
W796862		<1	0.11	10	0.76	234	247	0.08	16	920	<2	0.03	<2	2	122	<20
W796863		<1	0.16	10	0.87	244	12	0.08	18	880	<2	0.01	<2	2	274	<20
W796864		1	<0.01	<10	0.66	109	<1	0.01	<1	70	<2	<0.01	<2	<1	86	<20



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Cu %
		0.01	10	10	1	10	2	0.001
W796832		0.16	<10	<10	51	<10	58	
W796833		<0.01	<10	<10	<1	<10	<2	
W796834		0.09	<10	<10	34	<10	164	1.105
W796835		0.07	<10	<10	19	<10	49	
W796836		0.08	<10	<10	47	10	8	
W796837		0.07	<10	<10	36	<10	14	
W796838		0.07	<10	<10	26	<10	16	
W796839		0.07	<10	<10	22	<10	65	
W796840		0.06	<10	<10	22	10	24	
W796841		0.06	<10	<10	13	<10	40	
W796842		0.07	<10	<10	15	<10	39	
W796843		0.07	<10	<10	15	10	30	
W796844		0.04	<10	<10	37	40	5	
W796845		0.14	<10	<10	42	<10	47	
W796846		0.07	<10	<10	26	20	14	
W796847		0.04	<10	<10	17	20	18	
W796848		0.04	<10	<10	22	60	15	
W796849		0.04	<10	<10	32	100	15	
W796850		0.05	<10	<10	27	140	20	
W796851		0.08	<10	<10	32	120	44	
W796852		0.15	<10	<10	64	<10	19	
W796853		0.18	<10	<10	72	<10	24	
W796854		0.16	<10	<10	64	<10	29	
W796855		0.17	<10	<10	64	<10	22	
W796856		0.16	<10	<10	64	<10	24	
W796857		0.16	<10	<10	69	20	27	
W796858		0.15	<10	<10	59	<10	25	
W796859		0.15	<10	<10	60	<10	30	
W796860		0.21	<10	<10	71	<10	27	
W796861		0.16	<10	<10	60	<10	23	
W796862		0.16	<10	<10	57	<10	22	
W796863		0.17	<10	<10	61	<10	22	
W796864		<0.01	<10	<10	<1	<10	<2	



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**CERTIFICATE OF ANALYSIS WH18052762**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
Applies to Method: CRU- 31 CRU- QC LOG- 22 PUL- 31  
PUL- QC SPL- 21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Applies to Method: Au- AA23 Cu- OG46 ME- ICP41 ME- OG46





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To: **KLUANE DRILLING LTD**  
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**WHITEHORSE YT Y1A 4L2**

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Plus Appendix Pages  
Finalized Date: 15- MAR- 2018  
Account: KLUDRIL

**CERTIFICATE WH18046283**

Project: LDN- 16- 03

This report is for 44 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- MAR- 2018.

The following have access to data associated with this certificate:

JM COYNE

NICOLAI GOEPPPEL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	ICP- AES
Au- AA23	Au 30g FA- AA finish	AAS

To: **KLUANE DRILLING LTD**  
**ATTN: NICOLAI GOEPPPEL**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH18046283**

Sample Description	Method	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
W796748		3.06	0.014	0.9	1.35	5	<10	120	<0.5	3	7.3	<0.5	7	23	1915	3.46
W796749		2.69	0.053	2.7	0.74	42	10	<10	<0.5	16	18.4	<0.5	2	7	3600	15.45
W796750		4.33	0.058	1.7	0.81	37	10	<10	<0.5	12	17.3	<0.5	3	7	2420	14.40
W796751		3.39	0.286	7.5	1.66	18	10	10	<0.5	54	12.8	<0.5	5	12	>10000	8.04
W796752		3.50	0.137	3.0	1.41	12	10	<10	<0.5	28	11.3	<0.5	4	8	4300	3.58
W796753		3.19	0.407	13.8	1.39	10	10	<10	<0.5	103	15.8	0.6	9	15	>10000	12.35
W796754		4.74	0.482	16.4	1.11	14	10	<10	<0.5	131	16.6	0.6	7	11	>10000	13.05
W796755		4.04	0.903	21.3	0.81	14	20	<10	<0.5	148	16.1	0.8	9	12	>10000	13.75
W796756		3.66	0.286	9.9	1.38	11	10	<10	<0.5	76	15.2	<0.5	12	12	>10000	10.55
W796757		3.39	0.854	14.2	1.19	18	10	<10	<0.5	130	18.3	0.6	8	9	>10000	11.00
W796758		1.13	<0.005	<0.2	0.03	<2	<10	30	<0.5	2	>25.0	<0.5	<1	<1	53	0.09
W796759		3.65	0.371	11.3	1.32	17	10	<10	<0.5	86	17.4	0.6	10	9	>10000	13.20
W796760		2.05	0.169	4.5	1.01	15	10	<10	<0.5	133	16.2	<0.5	9	20	>10000	13.45
W796761		3.47	0.054	1.4	1.29	7	10	230	<0.5	29	11.6	<0.5	14	6	4980	8.45
W796762		2.74	0.188	4.7	1.78	4	<10	40	0.6	24	5.77	<0.5	7	6	5730	1.07
W796763		3.82	0.038	2.6	2.66	3	<10	100	0.5	11	4.56	<0.5	6	5	4530	1.14
W796764		3.28	0.064	3.4	1.16	5	<10	<10	<0.5	23	13.0	<0.5	8	8	5850	5.27
W796765		2.84	0.081	4.0	1.82	4	<10	70	<0.5	17	3.60	<0.5	7	21	8800	2.23
W796766		1.92	0.140	6.8	1.26	<2	<10	90	<0.5	50	7.9	<0.5	6	4	>10000	2.30
W796767		3.25	0.179	11.4	1.27	2	<10	140	<0.5	6	2.44	0.5	6	9	>10000	1.68
W796768		2.64	0.073	1.7	0.71	3	<10	100	<0.5	11	1.17	<0.5	5	10	5470	1.21
W796769		3.72	0.047	1.4	0.89	2	<10	80	<0.5	11	0.93	<0.5	4	14	3210	0.93
W796770		2.57	0.018	1.3	0.63	<2	<10	40	<0.5	9	0.90	<0.5	3	13	3720	0.67
W796771		3.34	0.158	7.0	0.90	2	<10	80	<0.5	34	1.14	<0.5	3	12	>10000	0.81
W796772		1.75	0.102	4.3	0.69	2	<10	40	<0.5	20	0.83	<0.5	3	14	6140	0.78
W796773		3.49	0.009	0.7	1.23	<2	<10	120	<0.5	6	1.12	<0.5	8	79	1390	1.62
W796774		3.08	0.010	0.6	1.21	2	<10	110	<0.5	7	1.11	<0.5	10	131	1600	1.57
W796775		1.63	<0.005	0.4	1.12	<2	<10	50	<0.5	2	0.86	<0.5	12	162	1425	1.65
W796776		3.06	<0.005	<0.2	1.14	2	<10	150	<0.5	<2	0.88	<0.5	9	87	396	1.84
W796777		2.95	<0.005	<0.2	0.92	<2	<10	50	<0.5	<2	0.70	<0.5	7	62	268	1.63
W796778		1.11	<0.005	<0.2	0.02	<2	10	10	<0.5	<2	>25.0	<0.5	<1	1	3	0.06
W796779		3.57	0.141	26.2	1.07	<2	<10	50	<0.5	5	1.72	0.8	12	63	>10000	1.90
W796780		3.12	0.061	3.0	1.16	2	<10	90	<0.5	3	1.23	<0.5	9	32	7980	1.46
W796781		2.52	0.153	4.5	0.84	2	<10	110	<0.5	17	0.67	<0.5	5	20	3720	1.17
W796782		3.22	0.007	<0.2	1.55	3	<10	70	<0.5	2	2.46	<0.5	29	55	476	5.27
W796783		3.11	<0.005	<0.2	0.97	3	<10	70	<0.5	<2	1.90	<0.5	14	31	66	2.57
W796784		2.04	<0.005	<0.2	1.17	3	<10	90	<0.5	<2	2.03	<0.5	15	31	78	3.16
W796785		2.34	<0.005	0.4	1.56	2	<10	50	<0.5	<2	1.08	<0.5	31	51	933	7.39
W796786		2.61	<0.005	<0.2	1.71	2	<10	60	<0.5	<2	1.60	<0.5	20	44	408	4.02
W796787		2.32	<0.005	<0.2	0.93	<2	<10	70	<0.5	<2	0.84	<0.5	4	17	137	1.05



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Project: LDN- 16- 03

**CERTIFICATE OF ANALYSIS WH18046283**

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
W796748		10	<1	0.03	10	0.34	905	329	0.05	7	820	4	0.25	4	4	119
W796749		10	<1	<0.01	10	0.09	1790	1865	0.01	<1	100	5	0.23	6	<1	17
W796750		10	<1	0.01	10	0.07	1710	1205	0.01	<1	150	5	0.18	5	1	15
W796751		10	<1	0.04	10	0.28	1680	973	0.02	2	390	8	0.52	3	2	73
W796752		<10	<1	0.01	10	0.23	1385	1860	0.01	<1	670	6	0.31	3	1	48
W796753		10	<1	<0.01	10	0.23	2170	2860	0.01	2	410	14	0.92	4	1	30
W796754		10	<1	<0.01	10	0.10	2020	2890	0.01	2	370	16	1.13	3	1	44
W796755		10	1	<0.01	10	0.08	2030	3320	0.01	<1	390	17	1.35	6	1	20
W796756		10	<1	<0.01	10	0.33	2130	2550	0.01	3	460	14	0.76	7	2	36
W796757		10	<1	<0.01	10	0.25	1950	3000	0.01	3	240	18	1.57	6	1	82
W796758		<10	<1	0.01	<10	0.71	107	13	0.01	<1	70	<2	0.02	<2	<1	87
W796759		10	<1	<0.01	10	0.34	2110	2240	0.01	2	310	15	1.10	6	1	51
W796760		10	<1	0.01	10	0.34	1865	3180	0.01	10	320	14	2.02	7	1	57
W796761		10	<1	0.03	10	0.44	1535	771	0.02	15	390	2	0.52	4	1	926
W796762		<10	<1	0.02	10	0.30	477	159	0.06	4	680	2	0.30	2	1	187
W796763		<10	<1	0.04	10	0.37	363	203	0.07	3	840	2	0.28	<2	1	506
W796764		10	<1	0.01	10	0.46	1325	493	0.01	4	410	4	0.45	4	1	59
W796765		10	<1	0.10	10	1.35	462	268	0.05	6	920	3	0.76	<2	3	199
W796766		<10	<1	0.03	60	0.34	589	312	0.03	8	610	3	1.85	<2	1	424
W796767		<10	<1	0.04	10	0.36	237	161	0.07	8	550	6	1.55	<2	1	384
W796768		<10	<1	0.05	20	0.21	99	99	0.07	9	1240	2	0.53	<2	1	306
W796769		<10	<1	0.08	10	0.42	134	60	0.08	8	1090	3	0.23	<2	1	223
W796770		<10	<1	0.04	10	0.22	83	31	0.07	10	1210	5	0.27	<2	<1	98
W796771		<10	<1	0.05	10	0.28	82	100	0.09	8	1130	8	0.60	<2	1	240
W796772		<10	<1	0.03	10	0.26	90	98	0.07	7	1160	4	0.31	<2	<1	108
W796773		<10	<1	0.24	10	0.81	206	10	0.10	35	1230	2	0.12	<2	1	212
W796774		<10	<1	0.17	10	0.93	204	3	0.06	50	1270	2	0.15	<2	1	242
W796775		<10	<1	0.09	10	0.99	181	3	0.06	73	1300	<2	0.17	<2	1	61
W796776		<10	<1	0.21	10	0.94	238	3	0.06	35	1010	2	0.05	<2	1	214
W796777		<10	<1	0.08	10	0.71	206	9	0.06	23	890	2	0.04	<2	2	219
W796778		<10	<1	<0.01	<10	0.52	86	1	0.01	<1	70	<2	<0.01	<2	<1	86
W796779		<10	<1	0.07	10	0.88	173	94	0.05	38	960	17	1.51	<2	2	270
W796780		<10	<1	0.06	10	0.75	133	77	0.06	24	1090	3	0.69	<2	1	459
W796781		<10	<1	0.18	10	0.56	147	5	0.06	10	550	6	0.18	<2	1	83
W796782		10	<1	0.05	10	1.47	313	2	0.05	54	990	4	3.93	<2	4	132
W796783		<10	<1	0.06	10	0.74	182	1	0.07	36	1030	9	2.20	<2	2	103
W796784		<10	<1	0.06	10	0.67	173	2	0.06	32	1100	8	2.73	<2	1	198
W796785		10	<1	0.05	10	1.65	275	8	0.07	60	990	7	6.02	<2	5	94
W796786		10	<1	0.08	10	1.55	248	5	0.05	37	920	4	2.93	<2	5	128
W796787		<10	<1	0.12	10	0.52	160	55	0.07	11	630	3	0.10	<2	1	64



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Project: LDN- 16- 03

**CERTIFICATE OF ANALYSIS WH18046283**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
		Th	Ti	Tl	U	V	W	Zn	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	0.001
W796748		<20	0.08	<10	10	50	<10	31	
W796749		<20	0.02	<10	20	55	160	7	
W796750		<20	0.02	<10	20	39	330	7	
W796751		<20	0.06	<10	10	39	230	15	0.992
W796752		<20	0.04	<10	10	21	30	19	
W796753		<20	0.04	<10	30	37	480	14	1.870
W796754		<20	0.03	<10	30	32	940	11	2.21
W796755		<20	0.02	<10	20	29	1770	10	2.83
W796756		<20	0.05	<10	20	50	1230	18	1.405
W796757		<20	0.02	<10	20	24	340	16	1.815
W796758		<20	<0.01	<10	<10	1	10	<2	
W796759		<20	0.04	<10	30	28	460	18	1.510
W796760		<20	0.03	<10	20	30	420	16	1.905
W796761		<20	0.04	<10	20	260	1460	19	
W796762		<20	0.05	<10	10	25	40	20	
W796763		<20	0.06	<10	10	36	190	18	
W796764		<20	0.04	<10	20	47	390	28	
W796765		<20	0.11	<10	<10	49	10	38	
W796766		<20	0.05	<10	10	29	<10	21	2.22
W796767		<20	0.05	<10	10	18	<10	24	2.39
W796768		20	0.07	<10	<10	25	<10	13	
W796769		<20	0.12	<10	<10	20	90	13	
W796770		<20	0.09	<10	<10	21	<10	10	
W796771		<20	0.11	<10	<10	27	90	8	1.055
W796772		<20	0.10	<10	<10	26	80	8	
W796773		<20	0.18	<10	<10	54	10	19	
W796774		<20	0.17	<10	<10	50	<10	23	
W796775		<20	0.18	<10	<10	57	<10	18	
W796776		<20	0.19	<10	<10	58	<10	26	
W796777		<20	0.14	<10	<10	45	<10	22	
W796778		<20	<0.01	<10	<10	<1	<10	<2	
W796779		<20	0.12	<10	<10	37	<10	21	2.83
W796780		<20	0.12	<10	<10	41	<10	17	
W796781		20	0.12	<10	<10	35	<10	14	
W796782		<20	0.14	<10	<10	69	<10	29	
W796783		<20	0.09	<10	<10	38	<10	15	
W796784		<20	0.10	<10	<10	40	<10	14	
W796785		<20	0.16	<10	<10	92	<10	29	
W796786		<20	0.16	<10	<10	81	<10	27	
W796787		<20	0.12	<10	<10	33	<10	13	



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**CERTIFICATE OF ANALYSIS WH18046283**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
W796788		3.34	0.013	0.7	1.03	3	<10	120	<0.5	<2	0.98	<0.5	17	40	2950	2.32
W796789		2.91	0.006	1.1	0.88	3	<10	120	<0.5	2	1.52	<0.5	13	22	2560	2.00
W796790		2.90	0.005	0.7	0.93	3	<10	150	<0.5	<2	1.66	<0.5	10	22	2140	1.74
W796791		3.12	0.047	3.3	0.51	2	<10	40	<0.5	21	1.65	<0.5	2	13	3590	0.80



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
W796788		<10	<1	0.11	20	0.88	230	81	0.05	33	1010	3	0.91	<2	2	154
W796789		<10	<1	0.06	10	0.50	138	71	0.07	40	1020	14	1.59	<2	1	348
W796790		<10	1	0.07	10	0.49	141	138	0.07	28	1010	15	1.30	<2	1	561
W796791		<10	<1	0.12	10	0.35	167	471	0.04	4	440	21	0.40	<2	1	85

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: **KLUANE DRILLING LTD**  
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 Account: KLUDRIL

Project: LDN- 16- 03

CERTIFICATE OF ANALYSIS    WH18046283
---------------------------------------

Sample Description	Method	ICP41	ICP41	ICP41	ICP41	ICP41	ICP41	ICP41	OG46
	Analyte	Th	Ti	Ti	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
W796788		<20	0.17	<10	<10	57	<10	27	
W796789		<20	0.10	<10	<10	30	<10	18	
W796790		<20	0.09	<10	<10	31	<10	15	
W796791		30	0.02	<10	10	15	120	10	



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Project: LDN- 16- 03

**CERTIFICATE OF ANALYSIS WH18046283**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
	CRU- 31	CRU- QC	LOG- 21
	PUL- QC	SPL- 21	WEI- 21
			PUL- 31
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au- AA23	Cu- OG46	ME- ICP41
			ME- OG46





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 Account: KLUDRIL

**CERTIFICATE WH18040202**

Project: LDN- 2017

This report is for 114 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22- FEB- 2018.

The following have access to data associated with this certificate:

JM COYNE	NICOLAI GOEPEL
----------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
WSH- 22	"Wash" pulverizers
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	ICP- AES
Au- AA23	Au 30g FA- AA finish	AAS

To: **KLUANE DRILLING LTD**  
**ATTN: JM COYNE**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH18040202**

Sample Description	Method	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
W796565		2.05	<0.005	<0.2	0.94	<2	<10	360	<0.5	<2	0.62	<0.5	9	39	232	2.02
W796566		1.94	<0.005	<0.2	0.89	<2	<10	330	<0.5	<2	0.62	<0.5	8	40	48	1.98
W796567		2.75	0.007	0.4	1.20	<2	<10	90	<0.5	<2	1.29	<0.5	10	33	1030	1.93
W796568		1.38	<0.005	<0.2	0.75	<2	<10	100	<0.5	<2	1.56	<0.5	8	35	54	2.03
W796569		2.85	0.015	0.2	0.61	<2	<10	60	<0.5	<2	0.65	<0.5	5	29	599	1.24
W796570		3.20	0.008	0.3	0.54	2	<10	70	<0.5	2	0.62	<0.5	5	30	785	1.20
W796571		3.37	<0.005	<0.2	0.64	<2	<10	40	<0.5	<2	0.71	<0.5	5	24	202	1.22
W796572		2.85	0.007	0.3	0.57	2	<10	50	<0.5	<2	0.76	<0.5	5	35	745	1.23
W796573		3.32	0.008	0.5	0.49	<2	<10	50	<0.5	<2	0.76	<0.5	5	37	1090	1.10
W796574		3.06	0.024	2.0	0.36	<2	<10	30	<0.5	11	0.68	<0.5	2	5	3850	0.76
W796575		2.78	0.034	1.6	0.38	<2	<10	20	<0.5	8	0.73	<0.5	1	4	2760	0.35
W796576		3.05	0.036	1.8	0.63	2	<10	10	<0.5	9	1.15	<0.5	1	5	3080	0.31
W796577		3.06	0.077	4.6	0.73	<2	<10	20	<0.5	13	1.16	<0.5	2	4	7300	0.55
W796578		3.36	0.127	6.2	0.74	2	<10	20	<0.5	30	1.25	<0.5	2	6	>10000	0.84
W796579		3.07	0.033	1.3	1.20	3	<10	10	<0.5	5	1.34	<0.5	1	4	2120	0.30
W796580		2.81	0.044	2.4	3.23	3	<10	20	0.6	16	2.96	<0.5	5	6	6660	0.82
W796581		3.57	0.016	1.2	2.23	3	<10	10	<0.5	<2	4.67	<0.5	6	7	3160	2.60
W796582		3.21	0.023	1.0	0.87	2	<10	10	<0.5	3	1.00	<0.5	5	4	2540	0.58
W796583		4.00	0.028	2.1	1.46	2	<10	20	<0.5	4	2.15	<0.5	10	11	9270	1.80
W796584		3.31	0.078	2.6	1.06	4	<10	<10	<0.5	2	3.30	<0.5	8	26	>10000	3.03
W796585		1.84	<0.005	<0.2	0.02	<2	<10	20	<0.5	<2	>25.0	<0.5	<1	<1	26	0.08
W796586		3.57	0.078	5.7	1.37	6	<10	10	<0.5	15	3.55	0.5	7	12	>10000	2.99
W796587		3.33	0.041	3.3	1.37	7	<10	10	<0.5	6	3.68	0.5	14	13	>10000	4.26
W796588		3.54	0.079	5.9	1.41	8	<10	10	<0.5	16	4.09	0.6	9	8	>10000	4.80
W796589		3.69	0.011	0.4	1.62	8	<10	<10	<0.5	4	7.6	<0.5	1	14	1170	4.23
W796590		3.17	<0.005	<0.2	1.97	3	<10	<10	<0.5	2	8.4	<0.5	2	9	690	5.43
W796591		3.52	0.036	2.0	1.20	2	<10	10	<0.5	9	4.02	0.5	10	10	7010	7.34
W796592		3.29	0.097	3.6	0.89	5	<10	10	<0.5	8	5.08	0.9	18	9	>10000	8.75
W796593		3.59	0.042	3.2	1.68	5	<10	10	<0.5	2	8.7	1.2	27	12	>10000	7.41
W796594		3.87	<0.005	0.2	1.77	3	<10	10	<0.5	<2	8.7	<0.5	4	14	721	5.42
W796595		3.50	<0.005	0.3	1.73	2	<10	<10	<0.5	<2	8.1	<0.5	3	18	815	3.94
W796596		3.61	<0.005	<0.2	1.77	4	<10	<10	<0.5	<2	7.9	<0.5	1	10	191	3.65
W796597		4.84	0.034	1.5	1.85	5	<10	<10	<0.5	14	9.9	0.6	4	19	7920	6.46
W796598		2.73	0.012	1.0	1.85	2	<10	<10	<0.5	<2	9.3	0.5	2	22	5210	5.01
W796599		2.76	0.069	2.2	2.59	3	<10	20	<0.5	3	9.3	<0.5	2	33	3260	6.22
W796600		2.71	0.180	15.9	0.61	4	<10	10	<0.5	32	1.85	1.7	41	15	>10000	15.10
W796601		3.25	0.072	3.1	0.96	2	<10	10	<0.5	16	4.46	0.5	5	15	6830	4.89
W796602		4.69	0.054	0.9	1.59	4	<10	10	<0.5	6	8.0	<0.5	2	16	1670	5.35
W796603		4.46	0.026	1.3	1.23	2	<10	10	<0.5	5	4.50	<0.5	3	18	5970	2.61
W796604		3.63	0.018	1.2	1.73	3	<10	<10	<0.5	8	8.2	<0.5	1	21	3330	5.53



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Project: LDN- 2017

**CERTIFICATE OF ANALYSIS WH18040202**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
W796565		<10	<1	0.43	10	0.72	212	18	0.12	21	1220	2	0.04	<2	2	65
W796566		<10	<1	0.39	10	0.67	222	13	0.14	17	1140	2	<0.01	<2	2	45
W796567		<10	<1	0.13	10	0.93	269	1	0.08	19	790	5	0.01	<2	3	135
W796568		<10	<1	0.12	10	0.65	283	4	0.08	16	1110	2	<0.01	<2	2	56
W796569		<10	<1	0.11	10	0.38	122	26	0.11	11	1110	2	0.07	<2	1	58
W796570		<10	1	0.10	10	0.34	110	26	0.09	12	1180	2	0.09	<2	1	56
W796571		<10	<1	0.06	10	0.37	123	34	0.10	10	1110	<2	0.03	<2	1	70
W796572		<10	<1	0.09	10	0.39	133	49	0.08	14	1400	<2	0.06	<2	1	45
W796573		<10	<1	0.08	10	0.31	123	56	0.11	15	1340	3	0.14	<2	1	45
W796574		<10	1	0.05	10	0.10	77	164	0.09	8	760	3	0.26	2	<1	47
W796575		<10	<1	0.03	10	0.07	49	261	0.09	4	830	3	0.18	<2	<1	61
W796576		<10	<1	0.02	10	0.09	67	218	0.13	3	990	3	0.19	<2	<1	132
W796577		<10	1	0.03	10	0.11	74	410	0.11	4	770	3	0.42	<2	<1	163
W796578		<10	<1	0.04	10	0.16	105	319	0.09	5	930	3	0.65	<2	<1	161
W796579		<10	<1	0.02	10	0.09	70	88	0.21	3	1020	<2	0.14	2	<1	149
W796580		10	<1	0.05	10	0.23	143	155	0.30	9	1070	2	0.62	<2	1	368
W796581		<10	<1	0.04	10	0.18	789	200	0.17	9	830	2	0.36	<2	2	199
W796582		<10	<1	0.02	10	0.10	77	167	0.16	11	810	<2	0.42	<2	<1	113
W796583		<10	<1	0.06	10	0.28	319	597	0.10	16	1120	3	1.08	<2	1	264
W796584		<10	1	0.01	10	0.26	661	1050	0.02	7	1080	3	1.35	<2	3	99
W796585		<10	<1	<0.01	<10	0.62	95	2	<0.01	<1	90	2	0.01	<2	<1	92
W796586		<10	<1	0.04	10	0.22	634	1350	0.05	6	1650	3	1.58	<2	1	279
W796587		<10	<1	0.04	30	0.32	925	1260	0.04	8	1820	2	1.47	<2	2	157
W796588		<10	<1	0.05	10	0.26	803	1100	0.05	7	2070	3	1.13	<2	2	359
W796589		10	<1	0.02	10	0.22	1715	164	0.04	1	1250	3	0.13	<2	2	73
W796590		10	<1	0.02	<10	0.17	1690	461	0.07	<1	390	2	0.10	<2	<1	140
W796591		<10	<1	0.03	<10	0.53	1300	1540	0.05	2	1010	2	0.63	<2	<1	206
W796592		<10	<1	0.01	<10	0.46	2070	1550	0.02	4	750	<2	1.33	2	<1	115
W796593		<10	<1	0.03	<10	0.56	3020	884	0.05	6	660	2	1.46	<2	<1	223
W796594		10	<1	0.02	<10	0.10	2040	75	0.03	1	300	2	0.14	<2	1	32
W796595		10	1	0.01	<10	0.14	1985	48	0.01	2	110	<2	0.32	<2	1	9
W796596		<10	<1	<0.01	<10	0.07	1950	4	<0.01	<1	230	<2	0.10	<2	<1	3
W796597		10	<1	0.01	<10	0.12	2050	81	0.02	1	320	10	0.81	<2	<1	11
W796598		10	<1	0.01	<10	0.16	2250	42	0.01	<1	230	2	0.54	2	<1	16
W796599		10	<1	0.07	<10	0.16	2050	552	0.09	1	220	<2	0.29	<2	<1	314
W796600		<10	<1	0.02	<10	0.18	634	70	0.02	18	310	4	4.02	5	<1	186
W796601		<10	<1	0.05	<10	0.32	1270	166	0.03	2	140	2	0.53	<2	1	61
W796602		10	<1	0.03	<10	0.17	1840	199	0.03	<1	400	<2	0.14	3	<1	95
W796603		<10	<1	0.03	<10	0.21	1075	149	0.03	2	120	<2	0.62	<2	1	106
W796604		10	<1	0.02	<10	0.10	2090	358	0.03	<1	380	<2	0.34	<2	1	179



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Project: LDN- 2017

**CERTIFICATE OF ANALYSIS WH18040202**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Cu- OG46
		Th	Ti	Tl	U	V	W	Zn	Ag	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	1	0.001
W796565		<20	0.19	<10	<10	71	<10	25		
W796566		<20	0.18	<10	<10	69	<10	26		
W796567		<20	0.14	<10	<10	50	<10	24		
W796568		<20	0.12	<10	<10	60	<10	24		
W796569		<20	0.14	<10	<10	48	<10	12		
W796570		<20	0.13	<10	<10	44	<10	12		
W796571		<20	0.14	<10	<10	42	<10	12		
W796572		<20	0.15	<10	<10	50	<10	13		
W796573		<20	0.16	<10	<10	40	<10	12		
W796574		<20	0.08	<10	<10	17	<10	5		
W796575		<20	0.09	<10	<10	14	<10	3		
W796576		<20	0.12	<10	<10	17	<10	4		
W796577		<20	0.09	<10	<10	17	<10	5		
W796578		<20	0.10	<10	<10	17	10	6		1.055
W796579		<20	0.11	<10	<10	14	10	4		
W796580		<20	0.09	<10	<10	12	40	12		
W796581		<20	0.14	<10	<10	64	40	12		
W796582		<20	0.12	<10	<10	14	60	10		
W796583		<20	0.12	<10	<10	19	30	27		
W796584		<20	0.11	<10	<10	29	<10	23		1.200
W796585		<20	<0.01	<10	<10	<1	<10	2		
W796586		<20	0.10	<10	<10	30	<10	21		1.715
W796587		20	0.11	<10	<10	32	<10	28		1.095
W796588		<20	0.08	<10	<10	28	<10	22		1.245
W796589		<20	0.10	<10	<10	42	40	12		
W796590		<20	0.07	<10	<10	39	40	8		
W796591		<20	0.04	<10	<10	22	<10	24		
W796592		<20	0.03	<10	<10	22	<10	39		1.425
W796593		<20	0.04	<10	<10	25	<10	59		1.170
W796594		<20	0.07	<10	<10	30	<10	16		
W796595		<20	0.06	<10	<10	23	<10	10		
W796596		<20	0.04	<10	<10	17	<10	5		
W796597		<20	0.04	<10	<10	27	10	16		
W796598		<20	0.03	<10	<10	24	<10	11		
W796599		<20	0.08	10	<10	42	20	13		
W796600		<20	0.02	<10	<10	15	70	96		12.35
W796601		<20	0.04	<10	<10	20	40	16		
W796602		<20	0.04	<10	<10	24	20	8		
W796603		<20	0.06	<10	<10	14	10	15		
W796604		<20	0.05	<10	<10	32	10	8		



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**14 MACDONALD ROAD**  
**WHITEHORSE YT Y1A 4L2**

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**CERTIFICATE OF ANALYSIS WH18040202**

Sample Description	Method	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
W796605		1.98	<0.005	<0.2	0.02	<2	<10	20	<0.5	<2	>25.0	<0.5	<1	<1	10	0.09
W796606		2.48	0.040	2.0	1.50	4	<10	<10	<0.5	21	7.7	<0.5	3	20	6140	5.30
W796607		3.54	0.110	7.5	1.85	5	<10	<10	<0.5	2	10.2	0.8	1	16	>10000	5.35
W796608		4.06	0.130	7.4	1.70	5	<10	<10	<0.5	<2	7.1	0.6	3	12	>10000	3.83
W796609		4.49	0.181	8.8	1.82	<2	<10	<10	<0.5	<2	7.7	0.9	5	19	>10000	4.32
W796610		4.17	0.152	12.3	1.48	4	<10	<10	<0.5	4	6.57	0.9	3	21	>10000	3.25
W796611		3.17	0.015	1.2	1.89	<2	<10	10	<0.5	3	9.1	<0.5	3	21	3930	4.76
W796612		3.28	0.068	4.3	1.47	4	<10	10	<0.5	11	10.1	0.8	2	11	5700	6.21
W796613		3.40	0.108	2.6	1.88	<2	<10	10	<0.5	4	10.4	0.7	3	15	4210	6.93
W796614		4.07	0.407	15.1	1.75	5	<10	10	<0.5	15	9.4	0.9	4	19	>10000	6.30
W796615		2.67	0.278	18.3	1.51	3	<10	10	<0.5	45	8.2	1.2	4	13	>10000	6.10
W796616		3.31	0.195	11.0	1.19	2	<10	30	<0.5	34	5.86	1.2	6	8	>10000	6.52
W796617		3.95	0.133	9.8	0.52	2	<10	10	<0.5	31	2.38	1.0	21	14	>10000	15.10
W796618		4.07	0.098	9.2	0.99	6	<10	<10	<0.5	21	7.56	1.2	7	14	>10000	8.13
W796619		2.63	0.123	10.2	3.28	<2	<10	50	<0.5	36	5.36	1.1	35	214	>10000	5.41
W796620		2.48	0.013	23.6	1.78	11	<10	20	<0.5	3	17.3	2.3	20	121	>10000	4.37
W796621		3.93	0.106	8.0	1.57	18	<10	10	0.8	35	8.4	0.7	15	86	>10000	5.04
W796622		3.93	0.797	25.8	0.87	2	<10	10	<0.5	48	3.74	1.9	4	68	>10000	1.10
W796623		3.67	0.084	4.5	1.17	4	<10	20	<0.5	19	3.71	<0.5	8	91	5350	1.46
W796624		3.49	0.006	0.8	1.48	3	<10	40	<0.5	2	6.32	<0.5	5	18	864	2.68
W796625		1.88	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	>25.0	<0.5	<1	1	9	0.08
W796626		3.54	0.019	1.2	1.74	3	<10	<10	<0.5	7	8.7	<0.5	3	7	2310	4.24
W796627		3.84	0.005	<0.2	1.83	4	<10	<10	<0.5	<2	9.1	<0.5	2	9	304	4.56
W796628		3.79	<0.005	<0.2	2.08	5	<10	<10	<0.5	<2	10.9	<0.5	2	8	147	6.14
W796629		3.75	<0.005	<0.2	1.83	5	<10	10	<0.5	<2	9.2	<0.5	3	17	88	4.94
W796630		3.39	<0.005	0.5	1.63	3	<10	20	<0.5	<2	8.7	<0.5	7	27	347	3.12
W796631		3.63	<0.005	0.3	1.02	7	<10	<10	<0.5	3	13.5	0.8	4	21	639	9.18
W796632		4.30	<0.005	0.8	1.07	6	<10	<10	<0.5	4	13.4	0.7	3	12	966	8.96
W796633		3.53	<0.005	0.7	1.07	3	<10	10	<0.5	2	10.8	0.6	3	8	843	5.84
W796634		3.34	<0.005	<0.2	1.06	<2	<10	10	<0.5	<2	9.7	0.5	4	10	41	5.73
W796635		3.76	<0.005	<0.2	1.22	3	<10	30	<0.5	<2	10.4	0.5	4	6	116	5.77
W796636		3.15	<0.005	<0.2	0.94	2	<10	10	<0.5	<2	7.6	<0.5	4	5	125	3.52
W796637		3.25	<0.005	0.2	1.40	<2	<10	40	<0.5	2	9.8	<0.5	8	8	154	5.58
W796638		3.98	0.008	1.1	1.00	<2	<10	<10	<0.5	2	8.2	0.6	5	7	869	5.29
W796639		3.44	0.005	0.5	1.43	<2	<10	<10	<0.5	<2	10.9	0.6	6	10	670	6.04
W796640		3.44	<0.005	0.4	1.71	2	<10	<10	<0.5	<2	12.1	<0.5	5	16	579	7.29
W796641		4.02	0.010	2.5	0.84	2	<10	<10	<0.5	209	9.0	0.5	3	10	9580	3.88
W796642		3.39	<0.005	0.4	1.32	2	<10	<10	<0.5	3	9.3	<0.5	6	11	1930	4.73
W796643		3.00	0.008	2.2	1.57	2	<10	10	<0.5	5	9.4	<0.5	7	11	2450	4.58
W796644		3.21	0.007	1.6	1.25	2	<10	10	<0.5	4	10.9	0.5	6	13	5800	5.43



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS WH18040202**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
W796605		<10	<1	<0.01	<10	0.65	107	<1	0.01	<1	60	<2	0.01	<2	<1	93
W796606		10	<1	0.02	<10	0.35	1960	520	0.03	1	570	4	0.59	<2	2	92
W796607		10	<1	<0.01	<10	0.09	2390	33	0.01	1	650	7	0.71	<2	2	8
W796608		<10	<1	0.01	<10	0.08	1785	50	0.01	2	590	6	0.73	3	1	7
W796609		<10	1	0.01	<10	0.09	1840	22	0.01	3	130	6	1.15	<2	<1	9
W796610		<10	<1	0.01	<10	0.11	1510	34	0.01	1	390	7	1.01	<2	<1	20
W796611		10	1	0.02	<10	0.21	2030	150	0.02	3	340	2	0.38	<2	1	58
W796612		10	1	0.03	<10	0.34	2190	762	0.04	<1	260	3	0.45	3	<1	164
W796613		10	<1	0.03	<10	0.36	2430	251	0.02	3	120	2	0.32	<2	<1	82
W796614		10	1	0.02	<10	0.59	2310	169	0.02	6	260	8	1.08	<2	<1	136
W796615		10	<1	0.03	<10	0.57	2030	609	0.04	3	710	9	1.14	<2	<1	232
W796616		10	<1	0.03	<10	0.50	1540	445	0.03	5	160	6	0.86	<2	<1	282
W796617		10	<1	0.02	<10	0.46	854	1120	0.01	25	600	9	1.09	4	<1	62
W796618		10	<1	0.02	<10	0.63	1990	510	0.01	9	650	7	1.12	2	<1	38
W796619		10	1	0.03	<10	4.14	2210	177	0.03	93	660	14	0.87	3	11	147
W796620		10	1	0.03	<10	1.90	1800	171	0.01	43	450	13	1.79	3	8	190
W796621		10	<1	0.06	10	1.24	1440	71	0.01	39	720	16	0.13	<2	6	85
W796622		<10	<1	0.03	10	0.48	645	553	0.04	24	980	21	1.06	<2	2	93
W796623		<10	<1	0.06	10	0.90	622	404	0.05	43	930	6	0.32	<2	2	72
W796624		<10	<1	0.05	<10	0.34	1330	136	0.02	8	120	2	0.02	<2	2	58
W796625		<10	1	<0.01	<10	0.57	99	<1	<0.01	<1	70	3	0.04	<2	<1	94
W796626		10	<1	0.01	<10	0.38	1890	596	0.01	4	410	4	0.14	<2	1	41
W796627		10	1	0.01	<10	0.46	1740	803	0.01	3	560	3	0.08	<2	1	19
W796628		10	<1	0.01	<10	0.39	2230	408	0.01	2	520	<2	0.03	<2	1	20
W796629		10	<1	0.01	<10	0.40	1780	441	0.02	4	310	2	0.01	2	1	23
W796630		<10	<1	0.03	<10	0.97	1590	135	0.01	13	260	3	0.01	<2	1	48
W796631		10	1	<0.01	<10	0.25	2010	276	0.01	3	200	4	0.07	2	<1	23
W796632		10	<1	0.01	<10	0.20	2250	534	0.01	2	350	4	0.10	<2	<1	29
W796633		10	<1	0.01	<10	0.17	2090	164	0.01	2	220	2	0.07	<2	<1	102
W796634		<10	<1	0.02	<10	0.24	1920	792	0.01	3	150	3	0.06	2	<1	99
W796635		<10	<1	0.03	<10	0.35	2080	866	0.02	2	420	<2	0.07	4	<1	184
W796636		<10	1	0.03	<10	0.41	1495	35	<0.01	4	220	4	0.03	<2	<1	93
W796637		<10	<1	0.03	<10	0.86	2080	38	0.02	9	240	3	0.02	<2	<1	227
W796638		<10	<1	0.01	<10	0.46	1760	397	0.01	5	160	3	0.10	<2	<1	81
W796639		10	1	0.02	<10	0.67	2610	45	0.01	5	320	<2	0.06	2	<1	55
W796640		10	1	<0.01	<10	0.70	2780	130	0.01	3	420	<2	0.06	3	<1	59
W796641		<10	<1	<0.01	<10	0.36	1450	245	<0.01	4	210	187	0.97	2	<1	86
W796642		<10	<1	<0.01	<10	0.60	1945	61	<0.01	4	290	4	0.19	<2	<1	72
W796643		<10	<1	0.03	<10	0.66	1935	24	0.02	5	230	4	0.22	2	1	134
W796644		<10	<1	0.02	<10	0.60	2200	129	0.01	3	320	4	0.53	4	1	98



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 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Cu- OG46
		Th	Ti	Tl	U	V	W	Zn	Ag	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	1	0.001
W796605		<20	<0.01	<10	<10	<1	<10	2		
W796606		<20	0.07	<10	<10	30	10	17		
W796607		<20	0.07	<10	<10	22	<10	8		1.060
W796608		<20	0.06	<10	<10	19	<10	9		1.095
W796609		<20	0.04	<10	<10	14	<10	11		1.550
W796610		<20	0.04	<10	<10	13	<10	11		1.635
W796611		<20	0.07	<10	<10	27	<10	11		
W796612		<20	0.06	<10	<10	33	100	12		
W796613		<20	0.04	<10	<10	27	170	13		
W796614		<20	0.03	<10	<10	26	40	22		1.815
W796615		<20	0.05	<10	<10	35	40	18		2.10
W796616		<20	0.04	<10	10	28	630	13		1.500
W796617		<20	0.04	<10	<10	35	310	24		1.535
W796618		<20	0.04	<10	10	30	150	15		1.555
W796619		<20	0.15	<10	<10	100	<10	127		1.330
W796620		<20	0.08	<10	<10	79	10	61		2.40
W796621		<20	0.12	<10	10	79	30	48		1.525
W796622		<20	0.14	<10	<10	28	10	14		2.86
W796623		20	0.15	<10	<10	40	10	22		
W796624		<20	0.09	<10	<10	29	30	25		
W796625		<20	<0.01	<10	<10	<1	<10	2		
W796626		20	0.10	<10	<10	58	60	13		
W796627		30	0.09	<10	<10	69	50	11		
W796628		<20	0.09	<10	<10	67	50	12		
W796629		<20	0.07	<10	<10	68	100	15		
W796630		<20	0.06	<10	<10	33	20	33		
W796631		<20	0.06	<10	10	85	50	11		
W796632		<20	0.06	<10	10	68	10	11		
W796633		<20	0.05	<10	<10	48	<10	12		
W796634		<20	0.04	<10	<10	44	<10	15		
W796635		<20	0.05	<10	<10	39	<10	16		
W796636		<20	0.03	<10	<10	30	<10	26		
W796637		<20	0.02	<10	<10	47	10	63		
W796638		<20	0.03	<10	<10	36	20	26		
W796639		<20	0.04	<10	<10	42	10	34		
W796640		<20	0.04	<10	<10	48	<10	43		
W796641		<20	0.03	<10	<10	26	<10	21		
W796642		<20	0.03	<10	<10	28	<10	39		
W796643		<20	0.05	<10	<10	34	<10	36		
W796644		<20	0.05	<10	<10	37	10	34		



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
W796645		1.97	<0.005	<0.2	0.03	<2	<10	20	<0.5	2	>25.0	<0.5	<1	<1	21	0.09
W796646		2.82	0.030	9.5	1.47	2	<10	10	<0.5	3	9.9	0.7	10	12	>10000	7.14
W796647		1.88	0.221	4.7	1.22	6	<10	<10	<0.5	5	13.5	0.6	6	7	4340	6.30
W796648		2.47	0.275	6.0	1.56	5	<10	10	<0.5	3	12.5	0.5	5	19	2250	7.61
W796649		2.44	0.464	>100	0.80	2	<10	<10	<0.5	243	7.0	3.6	11	10	>10000	7.49
W796650		3.79	0.117	61.8	1.08	8	<10	<10	<0.5	132	8.7	0.9	10	22	>10000	6.21
W796651		3.56	0.009	1.6	1.99	4	<10	<10	<0.5	3	10.2	<0.5	7	16	567	4.89
W796652		3.23	0.014	0.5	2.00	3	<10	10	<0.5	<2	11.5	<0.5	4	13	200	6.27
W796653		3.65	0.018	1.9	2.07	4	<10	10	<0.5	5	11.4	0.5	5	16	1070	6.22
W796654		4.50	0.058	5.1	1.94	3	<10	20	<0.5	28	11.4	0.7	4	12	5370	6.74
W796655		2.04	<0.005	<0.2	0.03	<2	<10	20	<0.5	2	>25.0	<0.5	<1	<1	20	0.08
W796656		4.20	0.029	1.7	1.80	9	<10	10	<0.5	12	13.0	0.6	5	20	2100	8.82
W796657		4.18	0.032	2.7	1.54	9	<10	20	<0.5	9	6.33	<0.5	2	25	1850	3.13
W796658		3.97	0.006	0.3	1.46	9	<10	10	<0.5	2	5.68	<0.5	1	27	290	2.20
W796659		3.60	0.010	0.5	1.76	7	<10	20	<0.5	5	8.1	<0.5	3	35	870	4.30
W796660		3.67	0.019	0.9	0.95	11	<10	<10	<0.5	6	6.16	<0.5	3	23	1700	2.17
W796661		2.38	0.005	0.5	1.57	13	<10	40	<0.5	2	7.4	<0.5	4	25	1430	2.76
W796662		3.03	<0.005	<0.2	1.85	4	<10	<10	<0.5	<2	9.2	<0.5	2	19	257	4.39
W796663		3.84	0.018	0.8	1.72	4	<10	<10	<0.5	8	9.3	<0.5	2	11	2930	4.99
W796664		5.01	0.010	0.3	1.74	<2	<10	10	<0.5	2	7.7	<0.5	2	17	994	4.00
W796665		3.07	0.026	1.3	1.64	3	<10	30	<0.5	10	5.30	<0.5	9	89	2250	4.13
W796666		3.08	0.023	2.3	1.34	3	<10	<10	<0.5	6	6.19	<0.5	4	14	8610	3.93
W796667		3.29	0.009	1.3	1.30	3	<10	20	<0.5	2	5.06	<0.5	4	10	8660	2.24
W796668		1.74	0.025	6.0	0.92	2	<10	10	<0.5	2	5.20	0.7	16	58	>10000	4.85
W796669		3.09	0.069	18.2	2.97	3	<10	30	0.7	9	4.63	<0.5	5	19	7090	0.86
W796670		3.14	0.022	5.4	1.36	2	<10	10	<0.5	7	3.59	<0.5	5	16	4150	0.99
W796671		3.01	<0.005	0.2	1.01	2	<10	10	<0.5	2	3.40	<0.5	5	35	425	1.24
W796672		2.99	<0.005	<0.2	0.82	2	<10	<10	<0.5	<2	3.92	<0.5	5	38	226	1.12
W796673		3.07	<0.005	0.3	1.05	<2	<10	50	<0.5	<2	2.27	<0.5	6	39	546	1.01
W796674		3.29	<0.005	0.3	0.93	<2	<10	60	<0.5	3	1.23	<0.5	8	34	1080	1.13
W796675		1.72	0.005	<0.2	0.02	<2	<10	20	<0.5	2	>25.0	<0.5	<1	<1	5	0.07
W796676		3.65	<0.005	<0.2	1.63	<2	<10	120	<0.5	<2	2.27	<0.5	11	46	42	2.30
W796677		2.95	0.006	0.3	1.50	3	<10	100	<0.5	2	2.29	<0.5	11	37	637	2.26
W796678		3.01	<0.005	<0.2	1.48	<2	<10	90	<0.5	<2	1.60	<0.5	11	42	50	2.45





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**CERTIFICATE OF ANALYSIS WH18040202**

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Se	
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
W796645		<10	1	<0.01	<10	0.66	107	<1	0.01	<1	80	3	0.01	<2	<1	94
W796646		10	<1	0.03	<10	0.93	2210	316	0.01	8	510	5	2.82	2	<1	140
W796647		10	1	<0.01	<10	0.49	2250	557	0.01	2	290	7	0.40	<2	<1	75
W796648		10	1	0.01	<10	0.67	2560	109	0.01	4	600	4	0.18	3	1	85
W796649		<10	<1	0.01	<10	0.57	1105	26	<0.01	9	520	40	3.21	4	<1	84
W796650		10	1	<0.01	<10	0.56	1365	208	<0.01	10	270	19	1.57	<2	1	122
W796651		10	<1	<0.01	<10	0.85	2350	304	<0.01	9	450	2	0.05	4	2	50
W796652		10	<1	0.01	<10	0.71	2400	347	<0.01	6	320	3	0.03	2	2	90
W796653		10	<1	0.02	<10	0.67	2380	494	0.01	6	400	3	0.08	<2	1	139
W796654		10	<1	0.03	<10	0.55	2550	417	0.01	2	360	6	0.30	<2	<1	213
W796655		<10	<1	<0.01	<10	0.66	97	<1	0.01	<1	70	5	0.02	<2	<1	88
W796656		10	<1	0.01	<10	0.50	2540	369	0.01	4	630	7	0.18	<2	1	55
W796657		<10	<1	0.03	<10	0.33	1220	196	0.02	4	890	5	0.11	<2	2	75
W796658		<10	<1	0.03	10	0.29	971	158	0.02	2	1030	3	0.03	<2	2	48
W796659		10	<1	0.04	<10	0.33	1305	647	0.04	3	640	4	0.13	<2	3	353
W796660		<10	<1	0.01	10	0.33	881	451	0.01	3	680	4	0.20	<2	1	82
W796661		10	<1	0.04	<10	0.68	1180	277	0.02	4	760	3	0.18	<2	2	291
W796662		10	1	0.01	<10	0.46	1735	105	0.01	3	350	2	0.03	<2	2	32
W796663		10	<1	<0.01	<10	0.18	1955	138	0.01	1	390	6	0.30	<2	1	16
W796664		10	<1	0.02	<10	0.21	1575	94	0.02	2	270	2	0.11	<2	2	21
W796665		10	1	0.04	<10	1.02	1395	35	0.07	21	610	3	0.21	3	4	100
W796666		<10	<1	0.01	<10	0.29	1545	66	0.01	3	870	3	0.90	2	2	58
W796667		<10	<1	0.04	<10	0.27	936	55	0.02	3	180	<2	0.87	<2	1	184
W796668		<10	<1	0.02	10	0.87	692	225	0.01	20	3190	5	1.75	<2	2	130
W796669		<10	1	0.14	10	0.62	455	103	0.14	10	1200	9	0.36	<2	2	1455
W796670		<10	<1	0.05	10	0.64	550	91	0.05	9	830	5	0.26	2	2	479
W796671		<10	<1	0.07	10	0.57	548	15	<0.01	10	1650	<2	0.04	<2	2	98
W796672		<10	<1	0.02	10	0.62	631	3	0.01	9	2660	2	0.02	<2	2	76
W796673		<10	<1	0.04	10	0.78	412	25	0.07	24	740	6	0.07	<2	2	134
W796674		<10	<1	0.06	10	0.77	239	16	0.08	34	950	3	0.24	<2	3	80
W796675		<10	<1	<0.01	<10	0.60	95	<1	0.01	<1	70	<2	0.01	<2	<1	93
W796676		10	<1	0.13	10	1.44	420	19	0.09	34	1000	<2	0.03	<2	4	152
W796677		10	<1	0.12	10	1.31	422	24	0.07	28	1050	<2	0.18	<2	3	125
W796678		10	<1	0.10	10	1.32	417	<1	0.08	27	1100	2	0.01	<2	3	116



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**CERTIFICATE OF ANALYSIS WH18040202**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Cu- OG46
		Th	Ti	Tl	U	V	W	Zn	Ag	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	1	0.001
W796645		<20	<0.01	<10	<10	<1	<10	2		
W796646		<20	0.03	<10	<10	37	10	63		3.18
W796647		<20	0.07	<10	<10	44	<10	29		
W796648		<20	0.05	<10	<10	36	10	40		
W796649		<20	0.03	<10	<10	29	80	62	200	7.81
W796650		<20	0.06	<10	10	63	120	39		2.41
W796651		<20	0.08	<10	<10	35	40	36		
W796652		20	0.11	<10	10	42	70	30		
W796653		20	0.12	<10	10	47	50	33		
W796654		<20	0.07	<10	<10	39	20	28		
W796655		<20	<0.01	<10	<10	<1	<10	10		
W796656		<20	0.05	<10	<10	38	210	25		
W796657		<20	0.06	<10	<10	28	90	14		
W796658		<20	0.07	<10	<10	26	50	14		
W796659		<20	0.15	<10	10	47	210	10		
W796660		<20	0.09	<10	<10	48	300	11		
W796661		<20	0.07	<10	<10	46	340	29		
W796662		<20	0.07	<10	<10	27	30	20		
W796663		<20	0.05	<10	<10	29	10	7		
W796664		<20	0.05	<10	<10	32	20	9		
W796665		<20	0.06	<10	<10	51	40	23		
W796666		<20	0.03	<10	<10	22	10	13		
W796667		<20	0.07	<10	<10	19	<10	28		
W796668		<20	0.04	<10	<10	24	10	55		1.970
W796669		<20	0.08	<10	<10	17	<10	31		
W796670		<20	0.08	<10	<10	18	<10	40		
W796671		<20	0.12	<10	<10	19	<10	40		
W796672		<20	0.09	<10	<10	15	<10	43		
W796673		<20	0.16	<10	<10	32	<10	31		
W796674		<20	0.19	<10	<10	40	<10	20		
W796675		<20	<0.01	<10	<10	<1	<10	2		
W796676		<20	0.10	<10	<10	63	10	33		
W796677		<20	0.09	<10	<10	55	10	34		
W796678		<20	0.12	<10	<10	69	<10	39		



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**CERTIFICATE OF ANALYSIS WH18040202**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
	CRU- 31	CRU- QC	LOG- 21
	PUL- QC	SPL- 21	WEI- 21
			PUL- 31
			WSH- 22
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Ag- OG46	Au- AA23	Cu- OG46
	ME- OG46		
			ME- ICP41



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**CERTIFICATE WH18037222**

Project: LDN- 2017A2

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- FEB- 2018.

The following have access to data associated with this certificate:

JM COYNE	NICOLAI GOEPPPEL
----------	------------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
WSH- 22	"Wash" pulverizers
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	ICP- AES
Au- AA23	Au 30g FA- AA finish	AAS

To: **KLUANE DRILLING LTD**  
**ATTN: NICOLAI GOEPPPEL**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH18037222**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
S057171		1.48	<0.005	<0.2	1.19	2	<10	50	<0.5	2	1.58	<0.5	10	39	120	2.61
S057172		2.48	<0.005	0.4	1.06	<2	<10	60	<0.5	<2	0.94	<0.5	7	24	551	1.93
S057173		1.86	0.013	0.2	0.98	<2	<10	210	<0.5	<2	0.43	<0.5	7	23	431	1.70
S057174		2.01	<0.005	<0.2	1.08	<2	<10	250	<0.5	<2	0.62	<0.5	8	34	51	2.30
S057175		1.26	0.005	<0.2	1.46	3	<10	360	<0.5	<2	0.86	<0.5	15	56	67	3.76
S057176		2.18	<0.005	<0.2	1.85	<2	<10	30	<0.5	<2	3.91	<0.5	12	71	236	2.90
S057177		3.41	0.005	0.3	0.67	<2	<10	50	<0.5	<2	1.16	<0.5	5	30	1220	1.07
S057178		2.57	<0.005	0.2	1.17	<2	<10	70	<0.5	<2	1.93	<0.5	7	61	860	1.55
S057179		2.52	<0.005	0.2	0.97	2	<10	110	<0.5	<2	0.99	<0.5	10	70	453	1.98
S057180		2.78	<0.005	<0.2	1.01	<2	<10	80	<0.5	<2	0.92	<0.5	6	32	315	1.76
S057181		1.31	<0.005	<0.2	0.89	2	<10	90	<0.5	<2	0.89	<0.5	5	29	293	1.54
S057182		2.02	0.029	0.4	0.73	<2	<10	70	<0.5	2	0.81	<0.5	5	27	536	1.34
S057183		1.29	0.090	4.9	1.58	7	<10	220	<0.5	4	2.73	<0.5	9	29	9870	2.02
S057184		1.82	0.007	3.3	0.63	<2	<10	250	<0.5	3	1.98	<0.5	2	7	4190	0.83
S057185		2.73	0.005	0.9	0.67	<2	<10	750	<0.5	2	2.09	<0.5	2	9	2050	0.73
S057186		2.15	0.008	1.3	0.82	<2	<10	270	<0.5	5	2.08	<0.5	3	10	3500	0.95
S057187		2.37	<0.005	0.5	0.66	<2	<10	90	<0.5	<2	1.87	<0.5	4	9	1175	1.10
S057188		2.18	<0.005	0.4	0.53	<2	<10	40	<0.5	<2	1.98	<0.5	4	3	793	1.57
S057189		2.49	<0.005	<0.2	0.85	2	<10	40	<0.5	<2	1.53	<0.5	4	7	39	1.45
S057190		1.64	<0.005	<0.2	0.01	<2	<10	40	<0.5	2	>25.0	<0.5	<1	<1	3	0.08
S057191		2.15	<0.005	0.3	1.16	<2	<10	40	<0.5	<2	2.23	<0.5	7	7	394	1.93
S057192		2.30	<0.005	1.3	0.78	<2	<10	30	<0.5	<2	2.86	<0.5	4	9	3820	1.96
S057193		2.83	<0.005	1.1	1.03	<2	<10	140	<0.5	<2	2.85	<0.5	4	13	5290	1.57
S057194		2.38	0.008	0.9	1.40	<2	<10	310	<0.5	<2	4.78	<0.5	5	11	1930	1.57
S057195		1.57	0.005	1.9	0.86	<2	<10	30	<0.5	<2	3.12	<0.5	7	25	4500	2.89
S057196		2.27	<0.005	6.7	0.66	<2	<10	50	<0.5	<2	0.54	<0.5	6	10	3820	1.24
S057197		2.12	<0.005	0.2	1.32	<2	<10	150	<0.5	<2	2.60	<0.5	10	21	167	1.89
S057198		1.39	<0.005	4.1	1.45	<2	<10	230	<0.5	19	3.83	0.7	10	19	6180	2.45
S057199		2.94	<0.005	0.7	1.48	2	<10	140	<0.5	<2	4.06	<0.5	10	18	790	1.95
S057200		1.99	<0.005	1.3	1.59	<2	<10	250	<0.5	<2	2.61	<0.5	11	25	1605	2.39
S057201		1.87	<0.005	5.9	1.26	<2	<10	70	<0.5	<2	2.53	1.3	7	12	>10000	2.35
S057202		2.14	0.013	2.8	1.20	<2	<10	80	<0.5	46	2.15	<0.5	9	18	3350	2.06
S057203		1.59	0.007	2.3	1.10	<2	<10	80	<0.5	35	1.86	<0.5	8	17	1410	1.87
S057204		1.42	<0.005	0.9	1.37	<2	<10	90	<0.5	<2	1.76	<0.5	10	21	1145	2.01
S057205		2.04	<0.005	0.2	1.46	<2	<10	60	<0.5	<2	2.26	<0.5	9	17	194	1.82
S057206		2.09	<0.005	0.8	0.66	<2	<10	70	<0.5	<2	0.55	<0.5	3	12	1390	0.82
S057207		2.33	<0.005	<0.2	1.41	2	<10	30	<0.5	<2	1.99	<0.5	10	40	159	2.26



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
S057171		<10	<1	0.11	10	1.11	495	1	0.06	24	990	6	<0.01	<2	3	77
S057172		<10	<1	0.18	10	0.82	299	1	0.08	21	650	2	<0.01	2	2	53
S057173		<10	<1	0.50	10	0.70	188	105	0.12	17	550	<2	0.05	<2	2	46
S057174		<10	1	0.58	10	0.83	257	110	0.12	20	1010	<2	0.01	<2	2	57
S057175		10	<1	0.88	20	1.39	422	2	0.09	34	1570	<2	<0.01	<2	4	42
S057176		10	<1	0.09	10	1.70	975	18	0.07	36	1170	10	0.03	<2	6	117
S057177		<10	<1	0.06	20	0.48	149	51	0.11	16	1900	<2	0.21	<2	2	67
S057178		<10	<1	0.10	10	0.96	362	49	0.09	24	1210	2	0.11	<2	3	161
S057179		<10	<1	0.23	10	0.83	282	49	0.10	36	1250	2	0.08	<2	2	97
S057180		<10	<1	0.15	10	0.64	224	8	0.12	19	990	2	0.04	<2	2	159
S057181		<10	<1	0.13	10	0.48	180	104	0.11	14	1080	2	0.03	<2	1	152
S057182		<10	<1	0.13	10	0.48	174	116	0.10	13	1010	2	0.04	<2	1	103
S057183		<10	<1	0.17	10	1.17	601	17	0.05	26	970	56	<0.01	<2	3	146
S057184		<10	<1	0.25	20	0.38	197	59	0.05	7	350	4	0.52	<2	1	117
S057185		<10	<1	0.24	20	0.45	228	30	0.05	8	380	4	0.31	<2	2	128
S057186		<10	<1	0.23	20	0.60	244	81	0.05	9	430	7	0.51	<2	2	182
S057187		<10	<1	0.21	10	0.46	197	10	0.05	9	450	3	0.85	<2	1	130
S057188		<10	<1	0.22	20	0.07	99	3	0.07	5	600	5	1.78	<2	<1	253
S057189		<10	<1	0.18	10	0.25	125	<1	0.10	5	530	5	1.59	<2	1	465
S057190		<10	1	<0.01	<10	0.97	110	<1	<0.01	<1	70	2	0.01	<2	<1	92
S057191		<10	<1	0.19	10	0.62	275	9	0.08	10	550	12	2.14	<2	1	543
S057192		<10	<1	0.22	10	0.51	391	208	0.06	6	560	10	2.14	<2	2	213
S057193		<10	<1	0.19	10	0.50	441	167	0.06	5	550	5	1.25	<2	2	389
S057194		<10	<1	0.28	10	0.60	666	1665	0.03	8	460	5	0.58	<2	1	407
S057195		<10	<1	0.15	10	0.62	554	7	0.07	11	630	5	3.11	<2	2	242
S057196		<10	<1	0.25	10	0.41	128	5	0.02	13	420	6	0.63	<2	1	22
S057197		10	<1	0.24	10	1.12	398	3	0.03	23	670	2	0.06	<2	3	136
S057198		<10	<1	0.31	10	1.18	485	3	0.03	24	670	15	0.70	<2	3	227
S057199		<10	<1	0.30	10	1.20	501	2	0.03	25	690	2	0.15	<2	4	204
S057200		<10	<1	0.27	10	1.34	393	4	0.06	29	690	3	0.17	<2	5	136
S057201		<10	<1	0.36	10	1.00	437	2	0.02	18	610	2	1.12	<2	2	130
S057202		<10	<1	0.22	10	1.01	320	183	0.04	25	550	28	0.63	<2	3	108
S057203		<10	<1	0.19	10	0.90	293	171	0.05	24	490	20	0.58	<2	3	93
S057204		<10	<1	0.20	10	1.19	385	7	0.06	27	610	3	0.14	<2	4	92
S057205		10	<1	0.24	10	1.24	398	2	0.04	26	550	4	0.04	<2	4	70
S057206		<10	<1	0.13	10	0.31	88	31	0.08	8	220	5	0.22	<2	1	63
S057207		10	<1	0.11	10	1.22	343	13	0.08	26	1140	3	0.08	<2	4	103



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**CERTIFICATE OF ANALYSIS WH18037222**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
		Th	Ti	Tl	U	V	W	Zn	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	0.001
S057171		<20	0.13	<10	<10	67	<10	41	
S057172		<20	0.13	<10	<10	47	<10	26	
S057173		30	0.19	<10	<10	52	<10	22	
S057174		20	0.22	<10	<10	71	<10	30	
S057175		<20	0.34	<10	<10	115	<10	50	
S057176		<20	0.14	<10	<10	82	<10	53	
S057177		<20	0.20	<10	<10	46	<10	17	
S057178		<20	0.13	<10	<10	56	<10	29	
S057179		<20	0.17	<10	<10	57	<10	29	
S057180		<20	0.16	<10	<10	54	<10	23	
S057181		<20	0.16	<10	<10	51	<10	19	
S057182		<20	0.15	<10	<10	44	<10	16	
S057183		<20	0.06	<10	<10	50	<10	47	
S057184		40	<0.01	<10	10	6	<10	9	
S057185		30	<0.01	<10	10	8	<10	11	
S057186		30	<0.01	<10	10	10	<10	12	
S057187		30	0.01	<10	<10	9	<10	9	
S057188		40	<0.01	<10	<10	1	<10	2	
S057189		40	<0.01	<10	<10	5	<10	5	
S057190		<20	<0.01	<10	<10	<1	<10	<2	
S057191		30	0.01	<10	10	8	<10	14	
S057192		30	0.01	<10	<10	10	<10	13	
S057193		30	0.03	<10	10	16	<10	25	
S057194		20	0.02	<10	10	21	<10	27	
S057195		30	0.05	<10	10	25	<10	14	
S057196		<20	0.01	<10	<10	14	<10	12	
S057197		<20	0.02	<10	10	36	<10	30	
S057198		<20	<0.01	<10	<10	29	<10	35	
S057199		<20	<0.01	<10	<10	32	<10	35	
S057200		<20	0.02	<10	10	54	<10	40	
S057201		<20	0.01	<10	10	20	<10	21	1.135
S057202		<20	0.01	<10	<10	36	<10	25	
S057203		<20	0.03	<10	<10	33	<10	24	
S057204		<20	0.05	<10	10	50	<10	36	
S057205		<20	0.06	<10	<10	39	<10	27	
S057206		30	0.05	<10	10	16	<10	9	
S057207		<20	0.13	<10	<10	61	<10	25	



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**CERTIFICATE OF ANALYSIS WH18037222**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	WSH- 22
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au- AA23	Cu- OG46	ME- ICP41	ME- OG46





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**CERTIFICATE WH18037227**

Project: LDN- 2017B

This report is for 88 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- FEB- 2018.

The following have access to data associated with this certificate:

JM COYNE	NICOLAI GOEPEL
----------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
WSH- 22	"Wash" pulverizers
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	ICP- AES
Au- AA23	Au 30g FA- AA finish	AAS

To: **KLUANE DRILLING LTD**  
**ATTN: JM COYNE**  
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**WHITEHORSE YT Y1A 4L2**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH18037227**

Sample Description	Method	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
S057208		0.98	<0.005	<0.2	3.22	19	<10	10	0.7	<2	5.23	<0.5	4	11	14	0.25
S057209		1.38	<0.005	0.4	0.21	2	<10	40	<0.5	7	>25.0	0.8	1	2	207	0.20
S057210		1.71	<0.005	<0.2	0.02	<2	<10	20	<0.5	4	>25.0	<0.5	<1	1	2	0.06
S057211		3.48	<0.005	0.3	1.51	46	<10	80	<0.5	<2	2.92	<0.5	9	11	459	2.13
S057212		3.42	<0.005	0.7	1.69	34	<10	110	<0.5	<2	2.37	<0.5	8	14	1270	1.91
S057213		3.55	<0.005	0.3	1.23	16	<10	30	<0.5	<2	8.5	<0.5	2	8	375	0.55
S057214		2.78	0.335	1.2	0.84	19	10	10	0.5	7	17.6	<0.5	2	24	1460	0.77
S057215		2.09	0.011	2.1	0.37	14	<10	10	0.5	6	20.4	0.7	5	21	2830	0.49
S057216		3.33	<0.005	3.3	1.68	18	<10	90	0.5	3	2.26	1.6	21	54	8140	2.47
S057217		2.84	<0.005	0.2	1.29	8	<10	10	<0.5	<2	3.93	<0.5	2	20	272	0.78
S057218		3.18	<0.005	0.4	0.32	4	<10	30	<0.5	5	>25.0	<0.5	1	5	365	0.27
S057219		2.86	0.006	3.6	0.30	8	<10	30	<0.5	13	22.4	0.5	2	23	2910	0.39
S057220		2.57	<0.005	0.4	0.84	13	<10	10	0.5	2	11.1	<0.5	3	19	1250	0.87
S057221		0.74	<0.005	2.0	0.40	6	<10	30	<0.5	25	22.3	1.5	3	6	3960	0.52
S057222		1.39	<0.005	0.8	0.19	3	<10	20	<0.5	3	>25.0	<0.5	1	2	2210	0.41
S057223		1.56	<0.005	0.9	0.14	3	<10	20	<0.5	11	>25.0	0.6	<1	2	1230	0.20
S057224		2.91	<0.005	1.9	0.36	10	<10	20	0.5	10	19.5	0.6	2	32	1735	0.45
S057225		2.95	<0.005	0.2	0.54	9	<10	50	<0.5	3	24.5	<0.5	8	24	157	1.09
S057226		3.82	<0.005	0.2	1.52	21	<10	120	<0.5	<2	1.60	<0.5	24	82	251	3.42
S057227		1.91	<0.005	0.4	1.16	16	<10	20	<0.5	<2	1.35	<0.5	7	49	606	1.43
S057228		1.81	<0.005	<0.2	1.59	14	<10	<10	<0.5	<2	6.4	<0.5	<1	36	58	1.79
S057229		2.77	0.021	2.3	0.80	13	<10	<10	<0.5	6	14.2	<0.5	<1	11	1950	1.73
S057230		1.68	<0.005	<0.2	0.02	2	<10	20	<0.5	4	>25.0	<0.5	<1	1	5	0.09
S057231		2.80	0.022	1.8	0.68	6	<10	10	<0.5	13	18.0	<0.5	1	5	2640	1.56
S057232		3.12	0.032	9.6	1.27	21	<10	20	<0.5	6	5.68	<0.5	3	17	8920	2.59
S057233		3.52	0.298	41.8	1.22	4	<10	30	<0.5	158	1.81	4.3	13	57	>10000	1.57
S057234		2.61	0.366	43.4	1.80	4	<10	40	<0.5	87	1.84	2.1	18	126	>10000	1.73
S057235		2.91	0.455	64.1	1.38	7	<10	60	<0.5	137	2.57	5.1	13	72	>10000	1.42
S057236		3.82	1.110	>100	0.19	9	<10	<10	<0.5	672	6.6	10.7	12	9	>10000	6.38
S057237		2.31	2.95	>100	0.42	4	<10	<10	<0.5	613	5.67	18.1	16	8	>10000	14.15
S057238		2.84	0.089	4.4	1.43	74	<10	<10	<0.5	20	13.8	<0.5	3	20	5510	9.38
S057239		1.61	<0.005	<0.2	1.48	32	<10	120	<0.5	<2	8.3	<0.5	4	10	180	4.15
S057240		2.52	0.005	0.4	1.37	4	<10	90	<0.5	<2	1.85	<0.5	8	4	1165	0.68
S057241		1.18	0.005	0.6	0.29	2	<10	50	<0.5	<2	0.86	<0.5	3	3	1655	0.37
S057242		2.97	<0.005	0.3	0.49	<2	<10	40	<0.5	<2	1.04	<0.5	6	4	1055	0.64
S057243		1.43	0.007	0.3	0.38	<2	<10	30	<0.5	<2	0.86	<0.5	3	3	1135	0.35
S057244		3.15	0.005	0.5	0.42	<2	<10	40	<0.5	<2	0.82	<0.5	3	8	1520	0.44
S057245		3.30	0.005	0.7	0.52	<2	<10	30	<0.5	<2	1.00	<0.5	3	8	2390	0.48
S057246		3.48	0.009	1.2	0.75	4	<10	30	<0.5	<2	1.06	<0.5	8	9	4320	0.72
S057247		1.64	0.023	1.9	0.68	<2	<10	20	<0.5	<2	0.96	0.6	11	7	7160	0.90



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**CERTIFICATE OF ANALYSIS WH18037227**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S057208		10	<1	0.01	10	0.23	202	48	0.03	6	1070	2	<0.01	<2	2	345
S057209		<10	<1	0.02	<10	0.15	179	2	0.02	8	110	4	0.15	<2	<1	989
S057210		<10	<1	<0.01	<10	0.83	109	<1	<0.01	<1	70	<2	<0.01	<2	<1	95
S057211		<10	<1	0.43	10	0.86	140	89	0.06	10	1140	4	1.41	<2	1	91
S057212		<10	<1	0.61	10	1.29	146	32	0.05	9	930	7	1.04	<2	3	65
S057213		<10	<1	0.01	10	0.04	469	250	0.01	4	720	3	0.06	<2	1	150
S057214		<10	1	0.01	10	0.09	758	44	<0.01	9	890	4	0.19	<2	2	359
S057215		<10	1	<0.01	10	0.03	654	1595	<0.01	37	1030	2	0.30	3	1	562
S057216		10	<1	0.49	10	1.19	173	46	0.07	41	2140	4	1.76	<2	1	142
S057217		<10	<1	0.02	10	0.09	356	97	0.04	7	1560	5	0.04	<2	1	140
S057218		<10	<1	0.02	<10	0.08	125	6	0.03	10	790	3	0.21	<2	<1	860
S057219		<10	<1	<0.01	<10	0.03	386	26	<0.01	31	1340	8	0.17	<2	<1	977
S057220		<10	<1	0.06	10	0.55	666	4	0.02	9	1370	3	0.24	<2	1	99
S057221		<10	<1	0.01	<10	0.47	311	6	0.01	11	720	6	0.09	<2	<1	942
S057222		<10	<1	0.04	<10	0.25	147	3	<0.01	2	190	2	0.29	<2	<1	827
S057223		<10	<1	0.01	<10	0.14	179	4	<0.01	5	440	5	0.07	<2	<1	883
S057224		<10	<1	<0.01	10	0.03	337	14	<0.01	36	1790	7	0.19	<2	1	842
S057225		<10	<1	0.08	<10	0.48	140	8	0.02	9	480	4	0.70	<2	<1	728
S057226		<10	<1	0.29	10	1.21	278	73	0.06	25	1110	<2	1.81	<2	1	91
S057227		<10	<1	0.03	10	0.72	194	5	0.08	15	1360	15	0.69	<2	1	133
S057228		<10	<1	<0.01	<10	0.08	1155	4	<0.01	1	910	<2	<0.01	<2	3	25
S057229		<10	<1	<0.01	<10	0.05	1375	5	<0.01	<1	480	2	0.06	<2	1	35
S057230		<10	<1	<0.01	<10	0.49	91	<1	<0.01	<1	70	<2	0.01	<2	<1	88
S057231		<10	<1	0.02	<10	0.11	1040	33	0.03	2	390	3	0.24	<2	1	291
S057232		<10	<1	0.09	10	0.14	394	380	0.03	8	1080	8	0.49	<2	1	140
S057233		<10	<1	0.10	10	0.98	292	230	0.05	24	1350	32	1.75	<2	1	117
S057234		<10	<1	0.12	10	2.18	441	13	0.05	43	1210	30	1.77	<2	2	157
S057235		<10	<1	0.08	10	1.24	339	10	0.02	29	1170	38	1.99	<2	1	408
S057236		<10	<1	<0.01	<10	0.43	646	43	<0.01	13	430	146	6.07	<2	1	71
S057237		<10	<1	0.01	<10	0.59	454	34	<0.01	23	300	126	3.12	<2	1	39
S057238		10	<1	<0.01	10	0.25	1265	2	<0.01	3	630	7	0.37	<2	1	15
S057239		<10	<1	0.09	10	0.48	811	2270	0.02	5	1250	2	0.18	<2	1	159
S057240		<10	<1	0.04	30	0.29	108	33	0.14	13	1520	<2	0.35	<2	1	168
S057241		<10	<1	0.03	20	0.12	56	46	0.06	9	1470	<2	0.21	<2	<1	60
S057242		<10	<1	0.04	30	0.12	52	321	0.09	14	1370	<2	0.47	<2	1	135
S057243		<10	<1	0.03	20	0.07	35	1320	0.08	7	1360	3	0.30	<2	<1	85
S057244		<10	<1	0.04	10	0.12	55	125	0.10	9	1030	<2	0.23	<2	1	59
S057245		<10	<1	0.04	10	0.12	57	46	0.08	8	1100	2	0.31	<2	1	95
S057246		<10	<1	0.04	10	0.18	69	219	0.09	13	1220	4	0.54	<2	1	107
S057247		<10	<1	0.03	10	0.11	60	178	0.08	15	1190	<2	0.84	<2	<1	97



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**CERTIFICATE OF ANALYSIS WH18037227**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Cu- OG46
		Th	Ti	Ti	U	V	W	Zn	Ag	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	1	0.001
S057208		<20	0.10	<10	<10	16	<10	10		
S057209		<20	<0.01	<10	<10	5	<10	160		
S057210		<20	<0.01	<10	<10	<1	<10	2		
S057211		<20	0.11	<10	<10	25	<10	36		
S057212		<20	0.11	<10	<10	35	<10	74		
S057213		<20	0.04	<10	<10	14	<10	33		
S057214		<20	0.05	<10	<10	15	<10	21		
S057215		<20	0.03	<10	<10	13	<10	59		
S057216		<20	0.15	<10	<10	55	<10	199		
S057217		<20	0.08	<10	<10	24	<10	28		
S057218		<20	0.01	<10	<10	2	<10	11		
S057219		<20	0.02	<10	<10	8	<10	34		
S057220		<20	0.06	<10	<10	21	<10	29		
S057221		<20	0.02	<10	10	6	<10	62		
S057222		<20	<0.01	<10	<10	1	<10	9		
S057223		<20	0.01	<10	<10	2	<10	25		
S057224		<20	0.03	<10	<10	9	<10	75		
S057225		<20	0.04	<10	<10	16	<10	24		
S057226		<20	0.20	<10	<10	69	<10	51		
S057227		<20	0.09	<10	<10	27	<10	267		
S057228		<20	0.08	<10	<10	24	<10	6		
S057229		<20	0.03	<10	<10	16	<10	5		
S057230		<20	<0.01	<10	<10	<1	<10	<2		
S057231		<20	0.02	<10	<10	12	<10	8		
S057232		<20	0.08	<10	10	19	<10	8		
S057233		<20	0.15	<10	<10	32	<10	39		3.79
S057234		<20	0.20	<10	<10	54	<10	49		3.79
S057235		<20	0.13	<10	<10	29	<10	41		4.91
S057236		<20	0.01	<10	<10	3	40	35	181	18.90
S057237		<20	0.01	10	<10	5	380	46	181	24.8
S057238		<20	0.05	<10	10	21	20	7		
S057239		<20	0.09	<10	<10	20	<10	15		
S057240		20	0.14	<10	<10	23	<10	9		
S057241		<20	0.13	<10	<10	18	<10	9		
S057242		<20	0.15	<10	<10	19	<10	7		
S057243		<20	0.13	<10	<10	17	<10	7		
S057244		<20	0.12	<10	<10	16	<10	9		
S057245		<20	0.11	<10	<10	16	<10	15		
S057246		<20	0.10	<10	<10	18	<10	22		
S057247		<20	0.09	<10	<10	12	<10	37		



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Sample Description	Method	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
S057248		3.21	0.025	1.3	1.83	6	<10	10	<0.5	2	8.8	<0.5	12	18	5140	5.69
S057249		2.52	0.028	1.4	1.69	11	<10	10	<0.5	5	8.7	<0.5	6	7	4560	5.13
S057250		1.32	<0.005	<0.2	0.02	<2	<10	10	<0.5	3	>25.0	<0.5	<1	1	18	0.09
S057251		2.68	0.006	0.5	0.52	3	<10	20	<0.5	<2	0.80	<0.5	4	4	1830	0.39
S057252		4.02	0.013	1.4	1.26	4	<10	30	<0.5	<2	2.23	<0.5	17	19	4040	1.80
S057253		2.92	0.012	1.9	2.49	3	<10	130	0.7	<2	4.98	0.5	11	6	>10000	3.22
S057254		2.39	0.011	2.8	1.41	2	<10	40	<0.5	<2	3.64	0.5	19	12	>10000	3.09
S057255		1.64	<0.005	0.6	1.22	2	<10	60	<0.5	<2	1.28	<0.5	15	42	2660	1.85
S057256		2.11	<0.005	0.2	2.07	<2	<10	40	<0.5	<2	7.1	<0.5	10	20	790	2.00
S057257		1.31	<0.005	1.0	3.60	<2	<10	50	1.2	<2	10.0	<0.5	12	13	5860	2.08
S057258		2.64	<0.005	0.4	2.11	<2	<10	20	<0.5	<2	5.78	<0.5	6	10	2200	1.13
S057259		1.61	0.078	7.4	1.87	<2	<10	50	0.5	21	8.9	1.4	28	7	>10000	7.33
S057260		1.90	<0.005	<0.2	1.92	3	<10	40	<0.5	<2	6.9	<0.5	4	5	725	3.63
S057261		3.06	0.019	2.8	1.43	2	<10	20	<0.5	<2	1.64	0.5	24	7	4810	1.89
S057262		3.48	0.006	0.6	1.47	2	<10	30	<0.5	<2	3.02	<0.5	11	3	2020	1.66
S057263		2.45	<0.005	1.7	1.74	3	<10	40	0.5	2	3.61	0.8	8	7	6490	2.30
S057264		2.60	<0.005	0.3	1.00	2	<10	30	<0.5	<2	1.68	<0.5	14	8	1215	1.73
S057265		3.36	0.023	3.8	0.82	2	<10	20	<0.5	3	2.87	0.9	13	5	>10000	4.46
S057266		3.00	0.030	5.1	0.64	<2	<10	20	<0.5	3	5.01	1.6	27	5	>10000	13.95
S057267		2.56	0.012	0.4	1.23	3	<10	<10	<0.5	4	8.7	<0.5	10	8	2190	6.62
S057268		3.59	0.008	0.4	0.40	2	<10	40	<0.5	<2	0.72	<0.5	7	8	1160	0.80
S057269		2.32	0.006	0.2	0.49	<2	<10	50	<0.5	<2	0.72	<0.5	4	17	461	0.80
S057270		1.33	0.010	<0.2	0.02	<2	<10	10	<0.5	2	>25.0	<0.5	<1	<1	7	0.07
S057271		3.17	<0.005	<0.2	0.62	<2	<10	40	<0.5	<2	0.98	<0.5	2	13	166	0.49
S057272		2.17	0.009	0.7	3.30	<2	<10	10	<0.5	2	9.2	<0.5	19	14	4340	3.26
S057273		1.51	<0.005	<0.2	2.37	<2	<10	50	<0.5	<2	9.9	<0.5	9	16	374	2.30
S057274		1.61	<0.005	<0.2	1.94	<2	<10	30	<0.5	<2	7.8	<0.5	6	3	588	5.00
S057275		2.33	0.005	<0.2	2.17	2	<10	90	<0.5	3	12.5	<0.5	8	5	338	6.08
S057276		2.06	<0.005	<0.2	1.94	2	<10	<10	<0.5	<2	9.8	<0.5	7	15	53	5.51
S057277		3.09	0.028	1.2	2.18	3	<10	80	0.5	3	7.14	<0.5	6	6	2780	3.94
S057278		2.52	0.006	0.4	1.75	<2	<10	100	<0.5	<2	3.45	<0.5	8	9	1440	1.37
S057279		1.77	0.010	0.6	1.66	4	<10	20	<0.5	2	12.2	<0.5	11	5	1025	9.47
S057280		1.92	0.055	2.7	2.32	<2	<10	340	0.6	<2	8.0	0.9	29	10	6170	4.31
S057281		1.78	0.008	0.4	1.63	2	<10	550	<0.5	<2	7.8	<0.5	11	12	1655	4.96
S057282		1.48	0.010	0.2	1.31	<2	<10	210	<0.5	<2	6.00	<0.5	11	8	646	3.94
S057283		1.14	<0.005	<0.2	1.52	<2	<10	560	<0.5	<2	4.67	<0.5	12	43	745	2.44
S057284		2.86	0.008	2.2	2.49	<2	<10	50	0.5	<2	8.9	0.5	17	32	2970	4.83
S057285		2.05	0.033	7.0	1.85	2	<10	40	<0.5	<2	8.2	1.1	40	17	9600	5.21
S057286		1.14	<0.005	<0.2	2.02	5	<10	140	<0.5	<2	6.34	<0.5	8	18	483	2.91
S057287		2.05	0.007	0.5	1.41	<2	<10	60	<0.5	<2	3.55	<0.5	9	20	1400	1.13



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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
S057248		10	<1	0.01	10	0.27	1370	66	0.03	14	990	2	0.48	<2	3	81
S057249		10	<1	0.01	10	0.21	1270	34	0.03	8	1060	<2	0.36	<2	1	97
S057250		<10	<1	<0.01	<10	0.90	105	<1	<0.01	<1	70	2	<0.01	<2	<1	87
S057251		<10	<1	0.02	10	0.06	47	108	0.09	5	1180	2	0.27	<2	<1	102
S057252		<10	<1	0.02	10	0.16	163	155	0.08	14	1490	<2	1.52	<2	1	225
S057253		10	<1	0.05	10	0.30	618	52	0.09	9	490	<2	1.79	<2	1	987
S057254		<10	<1	0.02	10	0.27	492	78	0.05	15	1080	2	2.19	<2	1	320
S057255		<10	<1	0.21	10	1.05	197	126	0.09	25	1420	<2	1.13	<2	1	76
S057256		10	<1	0.02	<10	1.18	503	1115	0.03	8	1020	2	0.21	<2	2	288
S057257		10	<1	0.06	<10	1.05	582	281	0.07	7	650	<2	0.63	<2	1	303
S057258		<10	<1	0.04	10	0.56	456	660	0.04	2	860	<2	0.30	<2	1	190
S057259		<10	<1	0.02	<10	0.27	1145	46	0.03	15	150	<2	3.77	<2	1	392
S057260		10	<1	0.02	<10	0.23	1460	32	0.03	1	570	<2	0.21	<2	1	196
S057261		<10	<1	0.03	10	0.61	233	31	0.10	12	1030	<2	1.51	<2	1	107
S057262		<10	<1	0.02	10	0.15	362	33	0.10	7	850	<2	1.24	2	1	288
S057263		<10	<1	0.02	10	0.11	266	16	0.09	6	900	2	2.01	<2	1	243
S057264		<10	<1	0.02	10	0.20	174	19	0.10	15	980	<2	1.79	<2	1	121
S057265		<10	1	0.01	10	0.10	275	48	0.02	10	740	<2	1.64	<2	<1	122
S057266		<10	<1	<0.01	<10	0.11	827	131	<0.01	19	270	<2	1.78	<2	<1	91
S057267		10	<1	<0.01	<10	0.12	1380	58	0.01	5	260	<2	1.64	<2	<1	35
S057268		<10	<1	0.04	10	0.11	58	113	0.08	14	1090	2	0.62	<2	<1	102
S057269		<10	<1	0.13	10	0.28	110	179	0.12	8	1020	<2	0.12	<2	1	59
S057270		<10	<1	0.01	<10	0.97	107	1	<0.01	<1	70	<2	<0.01	<2	<1	85
S057271		<10	<1	0.07	10	0.24	89	121	0.15	6	960	2	0.05	<2	1	177
S057272		10	<1	0.03	<10	2.29	734	33	0.11	7	690	<2	0.56	<2	3	235
S057273		10	<1	0.21	10	2.81	913	12	0.01	10	670	<2	0.42	<2	4	360
S057274		10	<1	0.01	10	0.09	844	11	0.12	3	260	<2	0.22	<2	<1	275
S057275		10	<1	0.02	10	0.57	1350	14	0.04	5	180	<2	0.32	<2	1	1230
S057276		10	<1	0.01	10	0.59	1870	15	0.04	5	220	<2	0.03	<2	3	268
S057277		10	<1	0.06	10	0.53	907	226	0.14	4	460	<2	0.33	<2	1	1210
S057278		<10	<1	0.05	10	0.58	496	33	0.13	5	940	<2	0.32	<2	2	1400
S057279		10	<1	0.08	10	0.82	1650	37	<0.01	3	440	5	0.55	3	2	134
S057280		10	<1	0.17	20	0.87	1085	23	0.09	19	570	3	0.77	2	3	2530
S057281		10	<1	0.12	10	0.75	1110	82	0.07	7	580	<2	0.19	<2	3	884
S057282		10	<1	0.14	10	0.57	703	11	0.04	7	360	<2	0.27	<2	1	585
S057283		<10	<1	0.09	10	1.68	669	14	0.05	19	1560	<2	0.43	<2	8	381
S057284		10	<1	0.15	10	2.07	1210	77	0.02	14	1080	<2	0.52	<2	5	321
S057285		10	<1	0.24	10	1.33	1115	98	0.01	24	780	5	2.22	<2	2	253
S057286		<10	<1	0.03	10	1.05	1295	45	0.07	5	1260	<2	0.07	<2	3	182
S057287		<10	<1	0.11	10	0.72	348	44	0.11	15	930	2	0.28	<2	3	222



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Cu- OG46
		Th	Ti	Tl	U	V	W	Zn	Ag	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	1	0.001
S057248		<20	0.09	<10	<10	46	<10	34		
S057249		<20	0.05	<10	<10	29	<10	14		
S057250		<20	<0.01	<10	<10	<1	<10	<2		
S057251		<20	0.03	<10	<10	5	<10	14		
S057252		<20	0.12	<10	<10	43	<10	34		
S057253		<20	0.06	<10	<10	22	<10	27		1.100
S057254		<20	0.07	<10	<10	27	<10	37		1.210
S057255		<20	0.14	<10	<10	41	<10	31		
S057256		<20	0.05	<10	<10	32	<10	40		
S057257		<20	0.05	<10	<10	27	<10	32		
S057258		<20	0.07	<10	<10	22	<10	20		
S057259		<20	0.06	<10	<10	38	<10	57		2.94
S057260		<20	0.05	<10	<10	44	<10	19		
S057261		<20	0.11	<10	<10	31	<10	49		
S057262		<20	0.05	<10	<10	15	<10	21		
S057263		<20	0.03	<10	<10	10	<10	32		
S057264		<20	0.02	<10	<10	7	<10	13		
S057265		<20	0.05	<10	<10	15	<10	27		1.365
S057266		<20	0.03	<10	<10	42	<10	59		1.970
S057267		<20	0.03	<10	<10	34	10	15		
S057268		<20	0.12	<10	<10	16	<10	11		
S057269		<20	0.15	<10	<10	28	<10	13		
S057270		<20	<0.01	<10	<10	<1	<10	<2		
S057271		<20	0.15	<10	<10	25	<10	8		
S057272		<20	0.11	<10	<10	48	<10	73		
S057273		<20	0.01	<10	<10	39	<10	81		
S057274		<20	0.08	<10	<10	42	<10	14		
S057275		<20	0.06	<10	<10	55	<10	25		
S057276		<20	0.19	<10	<10	60	30	27		
S057277		<20	0.08	<10	<10	26	10	31		
S057278		<20	0.07	<10	<10	30	<10	31		
S057279		<20	0.03	<10	<10	36	20	44		
S057280		<20	0.08	<10	<10	38	<10	98		
S057281		<20	0.05	<10	<10	38	10	46		
S057282		<20	0.01	<10	10	26	<10	36		
S057283		<20	0.08	<10	<10	59	<10	41		
S057284		<20	<0.01	<10	<10	68	<10	54		
S057285		<20	<0.01	<10	<10	28	<10	53		
S057286		<20	0.06	<10	<10	36	<10	39		
S057287		<20	0.04	<10	<10	22	<10	25		



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**CERTIFICATE OF ANALYSIS WH18037227**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
S057288		2.49	0.018	0.7	2.20	12	<10	150	<0.5	<2	1.97	<0.5	19	28	1735	3.32
S057289		1.91	<0.005	<0.2	2.20	<2	<10	10	<0.5	<2	12.4	<0.5	6	10	180	7.55
S057290		1.51	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	>25.0	<0.5	1	<1	2	0.09
S057291		1.27	0.008	0.3	1.75	2	<10	40	<0.5	<2	4.44	<0.5	7	7	740	1.31
S057292		1.65	0.005	0.2	1.29	2	<10	10	<0.5	<2	14.3	<0.5	2	6	55	4.42
S057293		1.57	<0.005	<0.2	1.26	2	<10	<10	<0.5	<2	14.0	<0.5	5	5	8	5.83
S057294		1.30	<0.005	<0.2	1.16	3	<10	<10	<0.5	<2	12.2	<0.5	3	6	18	6.40
S057295		1.62	<0.005	<0.2	1.91	<2	<10	<10	<0.5	<2	8.5	<0.5	4	13	44	4.73





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**CERTIFICATE OF ANALYSIS WH18037227**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S057288		10	1	0.50	10	2.55	329	50	0.08	16	1020	2	1.60	<2	7	122
S057289		10	<1	0.05	<10	0.76	2040	18	0.01	4	340	4	0.34	<2	1	180
S057290		<10	<1	<0.01	<10	1.04	100	<1	<0.01	<1	70	<2	<0.01	<2	<1	85
S057291		<10	<1	0.11	10	0.50	332	324	0.12	4	940	<2	0.58	2	2	308
S057292		<10	<1	0.04	20	0.18	1305	10	0.03	<1	490	2	0.03	<2	1	134
S057293		10	<1	<0.01	10	0.33	1560	76	<0.01	2	280	<2	0.08	<2	1	58
S057294		10	<1	<0.01	10	0.17	1245	16	<0.01	<1	460	<2	0.04	<2	<1	31
S057295		10	<1	0.01	<10	0.37	1510	285	0.03	3	240	2	0.03	2	2	270

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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<b>CERTIFICATE OF ANALYSIS WH18037227</b>
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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Cu- OG46
		Th	Ti	Tl	U	V	W	Zn	Ag	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	1	0.001
S057288		<20	0.16	<10	<10	102	<10	168		
S057289		<20	0.05	<10	<10	40	<10	32		
S057290		<20	<0.01	<10	<10	1	<10	6		
S057291		<20	0.05	<10	<10	19	<10	56		
S057292		<20	0.10	<10	<10	28	20	12		
S057293		<20	0.03	<10	<10	24	30	18		
S057294		<20	0.03	<10	<10	18	20	9		
S057295		<20	0.07	<10	<10	41	20	19		



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**CERTIFICATE OF ANALYSIS WH18037227**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	WSH- 22
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Ag- OG46	Au- AA23	Cu- OG46	ME- ICP41
	ME- OG46			



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 Account: KLUDRIL

**CERTIFICATE WH18037243**

Project: LDN- 2017C

This report is for 114 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- FEB- 2018.

The following have access to data associated with this certificate:

JM COYNE	NICOLAI GOEPEL
----------	----------------

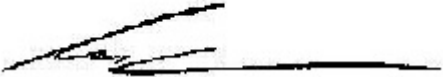
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
WSH- 22	"Wash" pulverizers
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	ICP- AES
Au- AA23	Au 30g FA- AA finish	AAS

To: **KLUANE DRILLING LTD**  
**ATTN: JM COYNE**  
**14 MACDONALD ROAD**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: LDN- 2017C

**CERTIFICATE OF ANALYSIS WH18037243**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
S057296		2.39	0.012	0.6	0.78	51	<10	20	<0.5	<2	3.23	<0.5	10	19	491	1.97
S057297		2.22	0.011	0.2	0.45	31	<10	30	<0.5	<2	2.36	<0.5	11	9	310	1.59
S057298		2.39	0.005	1.2	0.08	4	<10	20	<0.5	5	>25.0	0.6	1	1	1560	0.27
S057299		3.85	<0.005	0.2	1.71	11	<10	30	0.5	<2	6.27	<0.5	6	5	378	0.87
S057300		2.45	<0.005	<0.2	1.39	14	<10	50	<0.5	<2	3.83	<0.5	4	23	249	0.79
S059001		2.94	<0.005	<0.2	0.46	2	<10	10	<0.5	2	>25.0	<0.5	1	1	32	0.63
S059002		1.70	0.007	0.7	0.94	27	<10	<10	<0.5	6	12.8	<0.5	3	9	1535	5.00
S059003		2.59	<0.005	0.2	1.00	4	<10	<10	<0.5	<2	9.7	<0.5	4	21	1010	2.17
S059004		2.78	<0.005	<0.2	1.05	3	<10	<10	<0.5	<2	5.13	<0.5	4	36	54	1.11
S059005		2.60	<0.005	0.7	1.46	6	<10	30	<0.5	<2	2.44	<0.5	13	88	2240	1.97
S059006		3.10	0.008	0.3	1.29	5	<10	20	<0.5	<2	1.62	<0.5	18	73	1135	1.95
S059007		2.05	0.005	0.5	1.63	6	<10	30	<0.5	2	3.98	<0.5	9	65	1525	1.12
S059008		1.66	<0.005	0.2	0.89	4	<10	20	<0.5	<2	3.72	<0.5	7	59	612	0.70
S059009		2.74	0.007	0.6	1.45	4	<10	40	<0.5	<2	3.89	<0.5	7	39	2560	1.36
S059010		2.96	0.435	<0.2	1.04	4	<10	<10	<0.5	<2	6.62	<0.5	5	23	538	1.86
S059011		3.16	<0.005	<0.2	1.05	5	<10	<10	<0.5	<2	11.2	<0.5	2	17	365	5.17
S059012		4.46	0.007	0.5	0.78	5	<10	<10	<0.5	4	11.1	<0.5	2	21	1265	2.98
S059013		2.05	<0.005	<0.2	1.64	8	<10	30	<0.5	<2	8.8	<0.5	5	68	685	2.82
S059014		2.36	0.013	1.7	1.12	4	<10	40	<0.5	<2	1.23	<0.5	12	74	4660	1.12
S059015		1.62	0.006	0.8	1.12	5	<10	50	<0.5	<2	2.28	<0.5	10	20	3200	1.20
S059016		1.87	<0.005	<0.2	0.03	<2	<10	20	<0.5	2	>25.0	<0.5	<1	1	22	0.07
S059017		1.58	0.036	2.7	1.64	8	<10	100	<0.5	11	7.2	<0.5	3	12	3030	3.44
S059018		3.38	0.066	5.1	1.15	3	<10	10	<0.5	21	6.23	<0.5	2	8	5780	1.69
S059019		1.15	0.067	5.5	1.73	5	<10	40	<0.5	16	5.48	0.5	2	5	6980	2.00
S059020		3.71	0.108	6.4	1.42	7	<10	60	<0.5	26	7.5	0.6	5	18	8230	2.74
S059021		3.37	0.218	23.8	1.43	20	<10	20	<0.5	162	7.9	0.8	6	8	>10000	2.68
S059022		3.25	0.016	0.3	0.88	10	<10	<10	<0.5	22	15.3	0.6	10	6	5040	5.76
S059023		3.22	0.008	0.2	1.50	4	<10	<10	<0.5	8	12.1	<0.5	2	7	2260	4.75
S059024		3.10	0.064	3.9	1.36	5	<10	<10	<0.5	23	12.6	0.5	1	9	5000	5.53
S059025		3.32	0.037	3.0	1.56	5	<10	10	<0.5	15	12.6	0.5	3	11	4730	8.68
S059026		3.90	0.108	69.4	1.43	3	<10	<10	<0.5	102	5.54	3.2	5	12	>10000	3.66
S059027		3.22	0.922	55.3	0.40	4	<10	<10	<0.5	199	4.79	2.6	10	6	>10000	5.54
S059028		2.78	0.135	9.4	1.53	8	<10	10	<0.5	31	8.1	0.7	2	18	>10000	3.91
S059029		3.59	0.055	3.2	2.02	8	<10	20	<0.5	11	3.60	<0.5	2	14	4570	1.16
S059030		1.61	0.036	2.1	2.32	10	<10	10	<0.5	6	3.53	<0.5	5	8	4250	0.92
S059031		2.62	0.291	5.2	1.15	5	<10	20	<0.5	14	2.55	<0.5	6	9	8930	0.81
S059032		2.63	0.066	3.4	1.86	3	<10	40	<0.5	11	5.13	<0.5	3	9	6220	2.10
S059033		2.79	0.253	14.3	1.47	6	<10	<10	<0.5	58	10.2	0.9	5	9	>10000	6.31
S059034		3.93	0.197	6.1	0.59	20	<10	<10	<0.5	34	18.9	0.5	15	12	9200	3.93
S059035		4.37	0.186	7.0	0.87	60	<10	<10	<0.5	32	14.5	0.6	7	11	>10000	11.75



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**CERTIFICATE OF ANALYSIS WH18037243**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S057296		<10	<1	0.04	10	0.86	245	2	0.07	11	880	6	0.79	<2	3	70
S057297		<10	<1	0.04	10	0.25	131	9	0.09	7	840	<2	1.38	2	1	71
S057298		<10	<1	<0.01	<10	0.06	286	1	<0.01	<1	170	3	0.04	<2	<1	612
S057299		<10	<1	0.07	10	0.37	344	56	0.04	<1	720	7	0.46	<2	1	194
S057300		<10	<1	0.11	10	0.45	222	75	0.05	10	1760	6	0.34	<2	1	153
S059001		<10	<1	0.02	<10	0.10	107	5	0.08	3	640	2	0.37	<2	<1	733
S059002		<10	<1	<0.01	<10	0.09	1350	1	<0.01	<1	790	3	0.15	<2	<1	79
S059003		<10	<1	<0.01	<10	0.32	1400	323	<0.01	4	740	<2	0.16	<2	1	84
S059004		<10	<1	0.01	10	0.53	663	121	0.01	5	1090	<2	0.02	<2	2	140
S059005		<10	<1	0.08	10	1.14	387	15	0.09	30	1640	2	0.71	<2	2	124
S059006		<10	<1	0.03	10	1.01	230	28	0.05	39	1680	<2	1.06	<2	1	144
S059007		<10	<1	0.06	10	0.50	422	194	0.10	19	1470	2	0.38	<2	2	185
S059008		<10	<1	0.02	10	0.46	411	44	0.07	10	1360	<2	0.21	<2	1	128
S059009		<10	<1	0.06	<10	0.72	585	11	0.04	8	930	2	0.15	<2	2	103
S059010		<10	<1	<0.01	<10	0.45	925	14	<0.01	4	690	<2	0.03	<2	1	113
S059011		<10	<1	<0.01	<10	0.14	1615	86	<0.01	<1	590	<2	0.04	<2	1	34
S059012		<10	<1	<0.01	<10	0.16	1505	1190	<0.01	2	800	<2	0.18	<2	1	80
S059013		<10	<1	0.02	<10	0.51	1220	63	0.01	10	690	<2	<0.01	2	4	100
S059014		<10	<1	0.04	10	0.54	138	70	0.11	16	1170	<2	0.57	<2	1	131
S059015		<10	<1	0.04	<10	0.32	286	144	0.09	10	760	<2	0.57	<2	1	122
S059016		<10	<1	<0.01	<10	0.58	100	1	<0.01	<1	80	<2	0.01	2	<1	87
S059017		<10	<1	0.05	10	0.15	1050	37	0.03	<1	1330	<2	0.14	<2	2	167
S059018		<10	<1	0.02	<10	0.11	809	134	0.02	1	720	3	0.27	<2	1	70
S059019		<10	<1	0.03	<10	0.09	922	166	0.02	<1	690	4	0.32	<2	1	41
S059020		<10	<1	0.04	10	0.14	1075	50	0.01	3	1430	4	0.28	2	4	63
S059021		<10	<1	0.02	10	0.11	897	21	<0.01	8	2360	10	0.34	<2	2	61
S059022		<10	<1	<0.01	<10	0.10	1510	8	<0.01	14	270	2	<0.01	4	1	52
S059023		10	<1	<0.01	<10	0.08	1755	39	<0.01	<1	440	<2	<0.01	<2	1	28
S059024		10	<1	<0.01	<10	0.05	1635	76	<0.01	<1	400	3	0.13	<2	<1	14
S059025		10	<1	0.01	<10	0.16	1575	135	0.01	<1	350	3	0.27	2	1	17
S059026		<10	<1	0.01	10	0.21	971	63	0.01	<1	570	38	2.74	<2	2	52
S059027		<10	<1	<0.01	<10	0.33	700	152	<0.01	3	530	31	4.85	<2	<1	14
S059028		10	<1	0.01	<10	0.22	1250	61	0.01	<1	760	6	0.50	<2	2	37
S059029		<10	<1	0.03	10	0.20	362	186	0.14	<1	1200	<2	0.26	<2	1	145
S059030		<10	<1	0.04	10	0.34	280	82	0.12	2	1520	<2	0.36	<2	1	177
S059031		<10	<1	0.03	10	0.26	302	117	0.09	2	1000	<2	0.56	<2	1	164
S059032		<10	<1	0.08	<10	0.19	854	81	0.04	1	440	3	0.31	<2	1	112
S059033		10	<1	<0.01	<10	0.34	1595	69	<0.01	2	310	11	0.76	<2	1	19
S059034		<10	<1	<0.01	10	0.19	1810	115	<0.01	8	540	3	0.46	5	1	32
S059035		10	<1	<0.01	10	0.19	1425	1285	0.01	3	390	7	0.52	2	1	8



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
		Th	Ti	Tl	U	V	W	Zn	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	0.001
S057296		<20	0.07	<10	<10	33	<10	40	
S057297		<20	0.08	<10	<10	18	<10	18	
S057298		<20	<0.01	<10	<10	3	<10	52	
S057299		<20	0.07	<10	<10	14	<10	57	
S057300		<20	0.08	<10	<10	21	<10	31	
S059001		<20	<0.01	<10	<10	1	<10	10	
S059002		<20	0.03	<10	<10	14	70	7	
S059003		<20	0.06	<10	<10	23	<10	14	
S059004		<20	0.08	<10	<10	21	<10	17	
S059005		<20	0.12	<10	<10	40	<10	42	
S059006		<20	0.10	<10	<10	31	<10	45	
S059007		<20	0.09	<10	<10	30	<10	33	
S059008		<20	0.08	<10	<10	17	<10	21	
S059009		<20	0.05	<10	<10	21	<10	30	
S059010		<20	0.05	<10	<10	17	<10	17	
S059011		<20	0.05	<10	<10	21	<10	8	
S059012		<20	0.06	<10	<10	21	<10	12	
S059013		<20	0.11	<10	<10	39	<10	37	
S059014		<20	0.09	<10	<10	30	<10	37	
S059015		<20	0.05	<10	<10	26	<10	36	
S059016		<20	<0.01	<10	<10	1	<10	<2	
S059017		<20	0.10	<10	<10	90	<10	8	
S059018		<20	0.05	<10	<10	19	<10	9	
S059019		<20	0.03	<10	<10	23	<10	7	
S059020		<20	0.06	<10	<10	31	<10	14	
S059021		<20	0.09	<10	<10	26	<10	25	2.95
S059022		<20	0.03	<10	<10	36	10	32	
S059023		<20	0.04	<10	<10	33	<10	12	
S059024		<20	0.03	<10	<10	27	<10	10	
S059025		<20	0.04	<10	<10	26	<10	8	
S059026		<20	0.06	<10	<10	20	<10	31	8.30
S059027		<20	0.04	<10	<10	8	<10	29	8.34
S059028		<20	0.08	<10	<10	32	<10	9	1.085
S059029		<20	0.10	<10	<10	25	<10	15	
S059030		<20	0.07	<10	<10	16	<10	26	
S059031		<20	0.07	<10	<10	12	<10	25	
S059032		<20	0.04	<10	<10	24	<10	11	
S059033		<20	0.05	<10	<10	31	<10	15	1.745
S059034		<20	0.02	<10	20	37	130	28	
S059035		<20	0.03	<10	30	23	690	7	0.943



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Sample Description	Method	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
S059036		1.94	0.006	<0.2	0.03	<2	<10	20	<0.5	3	>25.0	<0.5	<1	1	50	0.09
S059037		2.40	0.072	2.1	0.83	43	<10	<10	<0.5	11	16.8	0.7	5	12	3080	14.05
S059038		3.98	0.028	0.9	0.99	24	<10	<10	<0.5	7	15.2	0.5	3	16	1195	12.30
S059039		4.39	0.061	2.9	1.45	15	<10	<10	<0.5	15	16.7	0.8	3	11	3530	12.00
S059040		4.35	0.039	1.4	1.62	8	<10	<10	<0.5	8	11.6	<0.5	4	26	1935	7.58
S059041		3.76	<0.005	<0.2	1.53	4	<10	10	<0.5	<2	6.51	<0.5	2	32	57	2.55
S059042		3.73	<0.005	<0.2	1.53	7	<10	<10	<0.5	<2	7.3	<0.5	2	28	33	3.29
S059043		3.79	0.006	0.2	1.92	6	<10	10	<0.5	3	7.9	<0.5	1	25	468	3.82
S059044		3.12	0.009	0.2	2.00	3	<10	<10	<0.5	3	10.9	<0.5	2	8	339	6.01
S059045		3.16	<0.005	<0.2	1.66	5	<10	10	<0.5	<2	5.12	<0.5	1	13	21	1.57
W796501		3.86	<0.005	<0.2	1.73	5	<10	10	<0.5	<2	5.49	<0.5	1	12	55	1.85
W796502		3.42	<0.005	<0.2	1.85	7	<10	10	<0.5	<2	4.90	<0.5	2	17	45	1.33
W796503		2.96	<0.005	<0.2	1.70	3	<10	10	<0.5	<2	6.11	<0.5	2	17	22	1.85
W796504		3.27	<0.005	<0.2	2.01	7	<10	<10	<0.5	<2	8.2	<0.5	2	26	42	3.11
W796505		3.49	<0.005	<0.2	2.11	8	<10	10	<0.5	<2	9.9	<0.5	2	20	81	4.79
W796506		4.73	0.010	<0.2	1.90	6	<10	10	<0.5	<2	9.3	<0.5	4	12	190	5.17
W796507		4.42	0.016	0.5	1.42	2	<10	<10	<0.5	2	10.3	<0.5	7	6	790	7.66
W796508		3.23	0.108	3.5	1.11	5	<10	<10	<0.5	16	9.7	<0.5	11	9	5150	6.86
W796509		4.00	0.253	7.0	1.62	8	<10	10	<0.5	39	8.8	0.5	7	14	9850	5.83
W796510		4.01	0.064	1.8	1.99	4	<10	40	<0.5	15	9.4	<0.5	6	13	3450	5.93
W796511		3.68	0.035	2.2	1.77	5	<10	10	<0.5	14	7.1	<0.5	3	16	3830	2.03
W796512		3.81	0.024	0.8	1.71	3	<10	<10	<0.5	6	7.6	<0.5	3	12	1535	2.32
W796513		3.15	0.025	0.9	1.65	2	<10	<10	<0.5	6	8.5	<0.5	3	11	1445	2.72
W796514		3.48	0.022	0.4	2.09	3	<10	10	<0.5	4	7.4	<0.5	2	17	721	2.73
W796515		1.93	0.058	1.6	1.88	3	<10	10	<0.5	7	5.70	<0.5	2	18	2320	1.89
W796516		4.13	0.025	0.4	1.60	5	<10	20	<0.5	4	6.14	<0.5	3	22	781	2.78
W796517		3.82	0.056	1.4	1.82	5	<10	<10	<0.5	8	11.2	<0.5	3	9	2810	7.86
W796518		4.37	0.068	2.1	1.97	2	<10	<10	<0.5	13	11.5	<0.5	4	5	3810	7.72
W796519		2.88	0.025	0.5	2.00	5	<10	<10	<0.5	5	11.3	<0.5	2	7	1210	7.27
W796520		3.35	0.020	<0.2	1.82	3	<10	<10	<0.5	<2	10.7	<0.5	3	9	396	6.93
W796521		2.11	0.005	<0.2	1.87	<2	<10	<10	<0.5	<2	9.6	<0.5	1	10	193	5.86
W796522		3.61	0.021	0.4	1.43	<2	<10	<10	<0.5	4	7.9	<0.5	3	9	842	5.06
W796523		3.03	0.248	5.4	1.20	2	<10	<10	<0.5	35	7.3	<0.5	6	8	8720	5.88
W796524		3.58	0.178	4.8	0.40	<2	<10	60	<0.5	32	0.69	<0.5	2	6	7270	0.48
W796525		2.06	<0.005	<0.2	0.02	<2	<10	20	<0.5	2	>25.0	<0.5	<1	1	33	0.08
W796526		2.10	0.131	3.2	0.43	<2	<10	50	<0.5	21	0.72	<0.5	2	5	4890	0.34
W796527		2.78	0.353	10.2	0.68	<2	<10	20	<0.5	61	2.18	<0.5	4	9	>10000	1.15
W796528		3.60	0.298	8.8	1.28	5	<10	20	<0.5	49	4.00	<0.5	8	32	>10000	2.26
W796529		3.32	0.214	4.4	1.23	5	<10	20	<0.5	26	3.18	<0.5	6	19	6530	1.87
W796530		3.26	0.272	6.4	1.27	4	<10	10	<0.5	39	2.11	<0.5	6	28	>10000	1.99





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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S059036	<10	<1	0.01	<10	0.65	105	6	<0.01	<1	70	<2	0.01	<2	<1	89
S059037	10	<1	<0.01	10	0.15	1385	1100	<0.01	<1	300	3	0.21	3	1	7
S059038	10	<1	<0.01	10	0.20	1375	295	<0.01	<1	390	2	0.07	2	1	6
S059039	10	<1	<0.01	<10	0.20	1820	80	0.01	<1	330	3	0.16	<2	<1	10
S059040	10	<1	<0.01	<10	0.35	1600	207	0.01	1	640	<2	0.11	3	2	12
S059041	<10	<1	0.01	10	0.39	1160	100	0.01	1	730	<2	0.01	<2	2	24
S059042	<10	<1	0.01	10	0.38	1215	92	0.01	1	840	<2	0.01	<2	2	21
S059043	<10	<1	0.01	10	0.29	1550	98	0.01	<1	760	<2	0.03	<2	2	24
S059044	10	<1	0.01	<10	0.11	1845	136	0.01	<1	480	<2	0.02	3	1	16
S059045	<10	<1	0.02	<10	0.12	844	201	0.02	<1	640	<2	0.02	<2	1	21
W796501	<10	<1	0.02	<10	0.13	1065	445	0.02	<1	610	<2	0.04	<2	1	20
W796502	<10	<1	0.02	<10	0.13	735	166	0.02	<1	720	<2	0.02	<2	1	46
W796503	<10	<1	0.02	<10	0.20	959	273	0.01	<1	250	<2	0.03	2	2	41
W796504	<10	<1	0.02	<10	0.26	1435	257	0.02	<1	570	<2	0.03	<2	3	37
W796505	10	<1	0.02	10	0.40	1775	95	0.01	1	850	<2	0.01	<2	2	20
W796506	10	<1	0.03	<10	0.34	1565	568	0.02	1	510	<2	0.06	<2	1	20
W796507	10	<1	0.01	<10	0.51	1785	1080	0.01	4	120	<2	0.12	<2	<1	8
W796508	10	<1	<0.01	<10	0.75	1595	247	<0.01	11	180	2	0.26	<2	<1	14
W796509	10	<1	0.02	<10	0.52	1565	226	0.03	9	710	4	0.50	2	1	35
W796510	10	<1	0.02	<10	0.32	1635	307	0.03	5	450	<2	0.23	2	2	77
W796511	<10	<1	0.03	<10	0.14	939	278	0.02	2	470	<2	0.19	<2	2	61
W796512	<10	<1	0.02	<10	0.11	995	165	0.01	2	170	<2	0.10	<2	1	32
W796513	<10	<1	0.02	<10	0.09	1035	259	0.01	2	200	<2	0.10	<2	1	43
W796514	10	<1	0.03	<10	0.13	1085	194	0.02	2	330	<2	0.05	2	2	28
W796515	<10	<1	0.03	<10	0.12	822	174	0.02	1	260	<2	0.10	<2	2	30
W796516	<10	<1	0.11	10	0.24	993	325	0.02	1	820	<2	0.05	2	3	68
W796517	10	<1	0.01	<10	0.37	1905	112	0.01	<1	300	2	0.14	<2	<1	14
W796518	10	<1	0.01	<10	0.47	2070	91	0.01	<1	140	<2	0.15	<2	<1	10
W796519	10	<1	0.01	<10	0.33	2030	73	0.01	<1	170	5	0.05	2	<1	7
W796520	10	<1	0.01	<10	0.37	1960	159	0.01	<1	160	<2	0.02	<2	<1	9
W796521	10	<1	0.01	<10	0.30	2130	169	0.01	1	160	<2	0.02	2	1	6
W796522	<10	<1	0.01	<10	0.35	1770	212	0.01	<1	280	<2	0.06	<2	<1	9
W796523	10	<1	0.01	<10	0.32	1645	943	0.01	3	210	3	0.43	<2	<1	28
W796524	<10	<1	0.13	10	0.08	86	822	0.05	1	340	3	0.30	<2	<1	90
W796525	<10	<1	<0.01	<10	0.96	98	5	<0.01	<1	70	<2	<0.01	<2	<1	87
W796526	<10	<1	0.11	20	0.08	66	790	0.06	2	360	2	0.21	<2	<1	84
W796527	<10	<1	0.05	10	0.23	306	1140	0.05	3	330	6	0.63	<2	1	105
W796528	<10	<1	0.05	10	0.42	549	1080	0.07	10	1400	2	0.57	<2	1	216
W796529	<10	<1	0.06	10	0.30	399	936	0.08	5	1020	2	0.32	<2	1	172
W796530	<10	<1	0.07	10	0.40	301	854	0.12	8	730	3	0.50	2	1	134



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 North Vancouver BC V7H 0A7  
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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
		Th	Ti	Tl	U	V	W	Zn	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	0.001
S059036		<20	<0.01	<10	<10	1	<10	<2	
S059037		<20	0.02	<10	20	20	1060	4	
S059038		<20	0.03	<10	10	23	340	6	
S059039		<20	0.03	<10	<10	23	20	7	
S059040		<20	0.06	<10	<10	31	10	13	
S059041		<20	0.07	<10	<10	25	10	15	
S059042		<20	0.08	<10	<10	27	20	12	
S059043		<20	0.08	<10	<10	25	10	9	
S059044		<20	0.10	<10	<10	35	<10	5	
S059045		<20	0.03	<10	<10	17	20	6	
W796501		<20	0.03	<10	<10	18	40	6	
W796502		<20	0.03	<10	<10	21	50	7	
W796503		<20	0.06	<10	<10	25	20	9	
W796504		<20	0.08	<10	<10	27	10	9	
W796505		<20	0.07	<10	<10	28	20	15	
W796506		20	0.07	<10	<10	30	90	11	
W796507		<20	0.03	<10	<10	38	170	13	
W796508		<20	0.02	<10	<10	35	50	24	
W796509		<20	0.05	<10	<10	33	290	20	
W796510		<20	0.08	<10	<10	42	460	16	
W796511		<20	0.03	<10	<10	28	230	12	
W796512		<20	0.03	<10	<10	30	20	17	
W796513		<20	0.04	<10	<10	39	80	12	
W796514		<20	0.04	<10	<10	41	60	9	
W796515		<20	0.04	<10	<10	25	60	10	
W796516		<20	0.07	<10	<10	24	30	11	
W796517		<20	0.02	<10	<10	29	50	8	
W796518		<20	0.02	<10	<10	29	40	10	
W796519		<20	0.04	<10	<10	32	90	11	
W796520		<20	0.05	<10	<10	40	180	10	
W796521		<20	0.08	<10	<10	44	150	9	
W796522		<20	0.07	<10	<10	40	190	10	
W796523		<20	0.08	<10	<10	68	1210	11	
W796524		30	0.04	<10	10	9	1100	4	
W796525		<20	<0.01	<10	<10	1	10	<2	
W796526		30	0.07	<10	10	8	1400	3	
W796527		30	0.05	<10	10	23	1620	11	1.550
W796528		<20	0.11	<10	<10	49	2060	17	1.305
W796529		<20	0.08	<10	<10	53	1910	15	
W796530		<20	0.12	<10	<10	56	1470	20	1.005



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To: **KLUANE DRILLING LTD**  
**14 MACDONALD ROAD**  
**WHITEHORSE YT Y1A 4L2**

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Project: LDN- 2017C

**CERTIFICATE OF ANALYSIS WH18037243**

Sample Description	Method	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
W796531		3.87	0.385	13.3	1.04	2	<10	<10	<0.5	79	2.89	0.5	5	31	>10000	2.35
W796532		3.70	0.300	7.2	1.56	2	<10	10	<0.5	46	3.82	<0.5	8	36	>10000	2.77
W796533		3.61	0.157	3.7	1.56	<2	<10	10	<0.5	26	7.17	<0.5	10	51	5900	6.94
W796534		3.96	0.146	3.3	1.45	6	<10	10	<0.5	25	13.7	0.5	10	8	5360	15.90
W796535		3.96	0.146	3.5	1.25	13	<10	<10	<0.5	24	11.5	0.5	9	22	5810	12.85
W796536		3.45	0.261	5.8	1.57	8	<10	10	<0.5	41	3.40	<0.5	7	17	9740	4.45
W796537		3.83	0.139	4.0	1.85	5	<10	10	<0.5	20	6.9	<0.5	6	20	6620	5.21
W796538		3.62	1.055	23.9	1.56	3	<10	10	<0.5	141	3.32	0.6	24	11	>10000	12.10
W796539		3.22	0.352	12.1	2.62	4	<10	20	0.6	58	4.28	<0.5	8	13	>10000	2.30
W796540		3.98	0.326	12.2	2.12	2	<10	50	<0.5	62	1.88	<0.5	18	64	>10000	3.85
W796541		3.75	0.317	12.4	1.48	2	<10	<10	<0.5	58	5.67	0.5	7	10	>10000	3.98
W796542		3.42	0.150	5.7	2.40	2	<10	30	<0.5	21	7.3	<0.5	11	9	9330	4.77
W796543		2.87	0.306	9.3	2.01	2	<10	20	<0.5	49	7.5	0.5	15	8	>10000	6.01
W796544		2.78	0.442	10.2	2.27	2	<10	40	<0.5	57	7.0	<0.5	18	9	>10000	6.81
W796545		2.02	<0.005	<0.2	0.03	<2	<10	30	<0.5	4	>25.0	<0.5	<1	<1	51	0.12
W796546		3.95	0.635	14.2	2.25	3	<10	60	0.6	83	6.31	0.5	21	11	>10000	9.92
W796547		2.92	0.397	13.5	1.38	2	<10	10	0.5	52	6.70	0.6	21	10	>10000	6.07
W796548		3.54	0.135	4.6	1.74	4	<10	20	<0.5	22	6.44	<0.5	13	10	9430	4.80
W796549		3.25	0.237	7.7	1.84	4	<10	20	<0.5	35	6.63	0.5	18	10	>10000	5.33
W796550		3.37	0.298	9.7	1.74	3	<10	20	<0.5	19	6.34	0.5	17	9	>10000	6.15
W796551		3.17	0.542	27.9	1.36	3	<10	20	<0.5	61	6.08	1.2	22	6	>10000	5.37
W796552		2.47	0.443	16.8	1.48	<2	<10	20	<0.5	31	5.81	0.7	19	7	>10000	4.53
W796553		3.51	<0.005	<0.2	0.70	<2	<10	60	<0.5	<2	0.45	<0.5	5	21	156	1.41
W796554		2.45	<0.005	<0.2	0.91	<2	<10	90	<0.5	3	0.51	<0.5	7	32	185	1.85
W796555		1.58	<0.005	<0.2	0.01	<2	<10	20	<0.5	4	>25.0	<0.5	<1	1	9	0.06
W796556		3.10	0.006	0.3	0.84	<2	<10	70	<0.5	2	0.59	<0.5	6	28	405	1.67
W796557		1.72	<0.005	<0.2	0.67	<2	<10	70	<0.5	<2	0.41	<0.5	5	22	72	1.40
W796558		3.60	0.009	0.3	0.94	<2	<10	60	<0.5	<2	1.20	<0.5	7	31	339	1.73
W796559		3.29	0.007	<0.2	0.82	<2	<10	70	<0.5	2	0.78	<0.5	5	20	664	1.44
W796560		3.25	0.007	<0.2	1.00	<2	<10	80	<0.5	<2	0.85	<0.5	6	21	217	1.38
W796561		2.60	0.009	0.4	0.81	<2	<10	50	<0.5	<2	0.86	<0.5	4	15	837	0.83
W796562		2.98	0.521	13.0	1.40	2	<10	30	0.8	42	4.17	0.6	16	11	>10000	6.90
W796563		3.55	0.247	6.7	2.28	3	<10	70	1.0	26	5.84	0.5	13	9	>10000	4.65
W796564		2.15	0.031	0.3	0.95	<2	<10	40	<0.5	<2	1.11	<0.5	5	17	551	1.14



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**CERTIFICATE OF ANALYSIS WH18037243**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
W796531		<10	<1	0.01	10	0.39	447	971	0.01	4	710	4	0.79	<2	2	121
W796532		<10	<1	0.04	10	0.47	745	1240	0.07	8	730	3	0.46	<2	3	153
W796533		10	<1	0.03	10	0.49	1480	1380	0.03	6	270	2	0.30	3	3	80
W796534		10	<1	0.02	<10	0.20	2430	828	0.03	5	180	3	0.22	<2	<1	43
W796535		10	1	0.02	10	0.21	1775	844	0.03	6	740	2	0.22	<2	1	101
W796536		<10	<1	0.03	10	0.31	668	736	0.10	9	1320	2	0.44	2	1	233
W796537		10	<1	0.02	10	0.47	1795	628	0.04	6	900	3	0.33	<2	3	192
W796538		10	<1	0.02	20	0.49	705	786	0.02	34	550	7	2.01	<2	1	215
W796539		10	<1	0.07	10	0.70	805	581	0.10	7	930	3	0.65	<2	2	270
W796540		10	<1	0.18	10	1.92	593	121	0.11	14	1250	4	0.80	<2	5	134
W796541		10	<1	<0.01	10	0.26	1225	393	0.01	8	350	3	0.85	2	1	108
W796542		10	<1	0.06	10	0.57	1445	550	0.06	9	360	<2	0.46	<2	1	608
W796543		10	<1	0.04	20	0.42	1280	855	0.04	17	340	<2	0.83	<2	1	558
W796544		10	1	0.05	20	0.46	1225	1490	0.06	19	390	2	1.04	2	1	996
W796545		<10	1	<0.01	<10	0.55	100	8	<0.01	<1	70	<2	0.03	<2	<1	92
W796546		10	<1	0.06	30	0.53	1195	732	0.06	30	410	3	1.20	<2	1	1350
W796547		<10	<1	0.02	10	0.52	1255	2060	0.02	18	410	3	2.09	<2	1	288
W796548		10	<1	0.05	10	0.54	1545	663	0.02	9	380	<2	0.65	<2	1	213
W796549		10	<1	0.03	20	0.55	1580	656	0.02	10	370	<2	0.89	<2	2	350
W796550		10	<1	0.03	20	0.38	1270	1090	0.03	12	360	2	0.89	<2	1	336
W796551		<10	<1	0.04	10	0.22	935	728	0.02	9	320	5	4.16	<2	1	263
W796552		<10	1	0.02	10	0.33	1230	1480	0.02	12	320	2	2.15	<2	1	240
W796553		<10	<1	0.26	20	0.46	177	10	0.08	10	410	<2	0.01	<2	1	33
W796554		<10	<1	0.42	20	0.66	211	112	0.11	15	540	2	0.03	<2	2	45
W796555		<10	<1	<0.01	<10	0.61	105	1	<0.01	<1	70	<2	0.01	<2	<1	87
W796556		<10	<1	0.30	10	0.62	180	3	0.09	15	500	<2	0.03	<2	1	50
W796557		<10	<1	0.31	20	0.46	146	2	0.10	12	420	3	0.04	<2	1	28
W796558		<10	<1	0.27	20	0.68	228	2	0.07	16	540	2	0.03	<2	2	57
W796559		<10	<1	0.18	20	0.55	201	1	0.08	12	430	<2	0.07	<2	1	90
W796560		<10	<1	0.24	10	0.57	173	5	0.11	15	750	<2	0.03	<2	1	121
W796561		<10	<1	0.09	10	0.40	117	36	0.11	15	760	2	0.14	<2	1	84
W796562		10	<1	0.02	20	0.32	534	2380	0.04	13	520	5	2.06	<2	1	240
W796563		10	<1	0.06	20	0.59	497	4870	0.06	14	410	5	1.19	<2	1	675
W796564		<10	<1	0.14	20	0.54	180	66	0.07	10	420	2	0.07	<2	2	60



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**CERTIFICATE OF ANALYSIS WH18037243**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
		Th	Ti	Tl	U	V	W	Zn	Cu
		ppm	%	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	0.001
W796531		<20	0.13	<10	<10	50	2030	17	1.815
W796532		<20	0.13	<10	<10	68	2480	23	1.000
W796533		<20	0.16	<10	<10	109	2620	20	
W796534		<20	0.04	<10	10	111	1070	13	
W796535		<20	0.05	<10	<10	86	1320	12	
W796536		<20	0.09	<10	<10	72	1420	15	
W796537		<20	0.09	<10	<10	66	960	20	
W796538		20	0.08	<10	20	218	1750	39	3.79
W796539		<20	0.12	<10	<10	43	1070	33	1.500
W796540		<20	0.39	<10	<10	165	220	49	1.680
W796541		20	0.09	<10	20	30	520	18	1.765
W796542		30	0.06	<10	10	40	600	31	
W796543		20	0.07	<10	10	68	960	25	1.510
W796544		20	0.07	<10	10	79	1390	26	1.655
W796545		<20	<0.01	<10	<10	1	10	<2	
W796546		30	0.08	<10	20	95	1320	33	2.42
W796547		30	0.08	<10	20	31	540	41	2.84
W796548		30	0.07	<10	10	23	250	31	
W796549		30	0.07	<10	20	29	410	29	1.395
W796550		30	0.07	<10	10	44	520	21	1.365
W796551		30	0.05	<10	10	12	10	31	5.16
W796552		30	0.06	<10	10	24	120	26	2.56
W796553		30	0.12	<10	10	35	<10	18	
W796554		30	0.17	<10	10	52	<10	25	
W796555		<20	<0.01	<10	<10	<1	<10	3	
W796556		30	0.15	<10	10	45	<10	24	
W796557		30	0.13	<10	10	35	<10	20	
W796558		30	0.14	<10	10	50	<10	26	
W796559		40	0.11	<10	10	34	<10	23	
W796560		<20	0.16	<10	10	47	<10	18	
W796561		<20	0.14	<10	<10	33	<10	12	
W796562		20	0.03	<10	10	48	50	25	2.37
W796563		30	0.01	<10	20	88	140	20	1.305
W796564		30	0.08	<10	10	31	<10	14	



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**CERTIFICATE OF ANALYSIS WH18037243**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	WSH- 22
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au- AA23	Cu- OG46	ME- ICP41	ME- OG46