



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 1
Finalized Date: 2-JUN-2012
Account: KLUDRIL

CERTIFICATE WH12112411

Project: Whitehorse Copper

P.O. No.:

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-MAY-2012.

The following have access to data associated with this certificate:

ROBERT STROSHEIN

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
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g 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	VARIABLE
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: KLUANE DRILLING LTD
ATTN: ROBERT STROSHEIN
14 MACDONALD ROAD
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 2 - A
Total # Pages: 2 (A - C)
Finalized Date: 2-JUN-2012
Account: KLUDRIL

Project: Whitehorse Copper

CERTIFICATE OF ANALYSIS WH12112411

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
K931634		7.53	0.001	<0.2	2.40	6	<10	220	<0.5	<2	8.9	<0.5	4	13	15	1.75
K931635		5.67	0.002	<0.2	2.34	7	<10	50	<0.5	<2	9.1	<0.5	1	5	8	0.72
K931636		6.84	0.010	<0.2	1.37	25	<10	20	<0.5	<2	3.65	<0.5	7	6	258	1.04
K931637		5.51	0.013	0.8	1.63	27	<10	10	<0.5	<2	4.18	<0.5	5	19	621	0.96
K931638		6.67	0.029	1.1	0.55	4	<10	<10	<0.5	4	2.79	<0.5	6	4	4540	2.27
K931639		5.29	0.025	0.8	0.69	8	<10	<10	<0.5	4	2.51	<0.5	4	9	963	0.82
K931640		5.93	0.032	1.8	0.42	20	<10	<10	<0.5	5	2.56	<0.5	1	6	1095	0.92
K931641		7.00	0.021	1.9	0.81	3	<10	<10	<0.5	2	1.99	<0.5	4	11	616	0.82
K931642		3.74	0.051	10.8	1.07	11	<10	<10	<0.5	13	4.82	2.5	2	8	4950	1.81
K931643		5.40	0.002	<0.2	1.86	3	<10	50	<0.5	<2	3.81	<0.5	16	104	324	3.11
K931644		5.14	0.002	0.2	1.92	9	<10	20	<0.5	<2	3.80	<0.5	15	107	213	2.82
K931645		4.26	0.001	<0.2	1.12	7	<10	<10	<0.5	<2	4.57	<0.5	1	8	8	1.09
K931646		6.14	0.001	<0.2	1.31	3	<10	30	<0.5	<2	4.11	<0.5	1	18	10	1.05
K931647		5.04	<0.001	<0.2	2.00	5	<10	60	<0.5	<2	3.87	<0.5	1	20	4	0.79
K931648		5.10	0.001	<0.2	1.34	5	<10	40	<0.5	<2	4.09	<0.5	2	10	27	0.81
K931649		5.32	0.003	<0.2	1.65	6	<10	40	<0.5	<2	4.36	<0.5	3	7	34	1.23
K931650		5.26	0.001	<0.2	1.46	5	<10	50	<0.5	<2	4.12	<0.5	3	5	35	1.10
K931651		6.07	0.013	2.8	2.02	3	<10	390	0.5	5	15.8	8.3	9	11	1070	4.47
K931652		5.75	0.002	2.0	2.65	4	<10	40	0.5	4	8.7	8.6	9	85	90	2.84
K931653		9.01	0.005	5.3	2.08	9	<10	130	<0.5	11	5.92	41.9	7	13	1335	3.03
K931654		5.64	0.083	1.3	0.44	9	<10	<10	<0.5	5	8.8	<0.5	2	4	1870	7.20
K931655		7.19	0.601	5.0	0.46	11	<10	<10	<0.5	7	3.04	<0.5	31	6	7460	24.5
K931656		4.42	0.663	8.4	0.41	35	50	<10	<0.5	6	0.87	<0.5	53	6	>10000	24.6
K931657		6.40	0.633	6.6	0.24	25	40	<10	<0.5	3	0.72	<0.5	39	5	9790	17.1
K931658		5.09	0.431	5.1	0.69	26	50	<10	<0.5	<2	1.36	<0.5	38	4	7360	17.8
K931659		9.21	0.484	11.1	0.46	37	70	30	<0.5	36	1.62	<0.5	29	3	>10000	12.30
K931660		4.90	0.813	11.4	0.66	26	30	60	<0.5	27	11.3	<0.5	22	5	>10000	11.10



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 2 - B
Total # Pages: 2 (A - C)
Finalized Date: 2-JUN-2012
Account: KLUDRIL

Project: Whitehorse Copper

CERTIFICATE OF ANALYSIS WH12112411

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
K931634		10	<1	0.10	10	1.15	487	2	0.04	5	800	5	0.09	<2	2	358
K931635		<10	<1	0.33	10	1.08	266	1	0.04	1	730	7	0.06	2	1	129
K931636		<10	1	0.03	10	2.17	664	<1	0.02	13	970	4	0.06	<2	1	101
K931637		<10	<1	0.03	10	3.10	396	3	0.01	24	1320	14	0.09	<2	2	67
K931638		<10	<1	<0.01	<10	1.14	295	5	0.01	12	190	16	0.51	<2	<1	35
K931639		<10	<1	<0.01	<10	0.91	290	5	0.01	7	310	8	0.11	<2	1	66
K931640		<10	<1	<0.01	10	0.44	270	7	0.01	3	740	5	0.09	<2	1	26
K931641		<10	<1	0.01	<10	1.48	455	<1	0.01	7	180	44	0.05	<2	<1	31
K931642		<10	<1	0.01	30	0.30	1125	2	0.01	3	770	507	0.30	<2	1	78
K931643		10	<1	0.11	10	1.75	611	3	0.03	26	1480	11	0.90	<2	7	156
K931644		10	<1	0.11	10	1.58	569	5	0.03	24	1360	19	0.67	<2	6	123
K931645		<10	<1	0.01	10	0.19	423	1	0.01	1	590	5	0.02	<2	1	14
K931646		<10	<1	0.03	10	0.30	368	11	0.02	3	150	7	0.02	<2	1	105
K931647		<10	<1	0.06	10	0.20	452	12	0.06	4	940	8	0.02	<2	2	273
K931648		<10	<1	0.02	10	0.20	514	4	0.04	3	710	7	0.03	<2	1	315
K931649		<10	<1	0.05	10	0.52	688	5	0.04	4	910	13	0.03	<2	2	219
K931650		<10	<1	0.05	<10	0.69	760	1	0.03	6	400	27	0.03	<2	1	300
K931651		10	<1	0.05	10	2.99	2240	2	0.02	8	370	227	0.64	<2	2	435
K931652		10	<1	0.19	10	2.69	1360	18	0.03	36	950	1100	0.24	<2	5	250
K931653		10	<1	0.05	10	2.42	1485	10	0.04	11	1480	1200	0.63	<2	3	440
K931654		10	<1	<0.01	<10	0.56	829	27	0.01	2	340	61	0.21	<2	<1	15
K931655		10	<1	0.01	<10	1.97	837	13	0.01	13	210	11	0.77	<2	<1	13
K931656		10	<1	0.02	<10	9.95	1790	11	0.01	8	70	5	0.85	<2	1	15
K931657		10	<1	0.01	<10	8.00	1250	55	0.01	9	50	7	0.51	<2	<1	10
K931658		10	<1	0.03	<10	9.98	1335	17	0.01	5	200	3	0.52	<2	1	18
K931659		10	<1	0.06	<10	7.73	1350	135	0.01	7	130	8	0.41	<2	<1	14
K931660		10	<1	0.03	<10	4.90	1135	6	0.01	1	60	9	0.61	<2	1	70



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 2 - C
 Total # Pages: 2 (A - C)
 Finalized Date: 2-JUN-2012
 Account: KLUDRIL

Project: Whitehorse Copper

CERTIFICATE OF ANALYSIS WH12112411

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Cu-OG46 Cu % 0.001	Cu-AA46 Cu % 0.001
K931634		<20	0.07	<10	<10	46	<10	25		
K931635		<20	0.07	<10	<10	27	<10	14		
K931636		<20	0.04	<10	<10	13	<10	92		
K931637		<20	0.04	<10	<10	23	<10	89		
K931638		<20	0.03	<10	<10	21	<10	38		
K931639		<20	0.06	<10	<10	14	<10	40		
K931640		20	0.04	<10	<10	12	<10	23		
K931641		<20	0.04	<10	<10	9	<10	109		
K931642		<20	0.06	<10	<10	28	<10	276		
K931643		<20	0.18	<10	<10	123	<10	62		
K931644		<20	0.17	<10	<10	115	<10	69		
K931645		<20	0.04	<10	<10	13	<10	13		
K931646		<20	0.05	<10	<10	16	<10	28		
K931647		<20	0.10	<10	<10	29	<10	21		
K931648		<20	0.08	<10	<10	20	<10	25		
K931649		<20	0.10	<10	<10	41	<10	38		
K931650		<20	0.07	<10	<10	22	<10	78		
K931651		<20	0.03	<10	<10	56	<10	1235		
K931652		<20	0.06	<10	<10	46	<10	1680		
K931653		20	0.08	<10	<10	81	10	6290		
K931654		<20	0.01	<10	10	63	10	69		
K931655		<20	0.01	<10	<10	66	<10	82		
K931656		<20	0.01	<10	<10	45	<10	123	1.225	1.285
K931657		<20	0.01	<10	<10	53	<10	66		
K931658		<20	0.02	<10	<10	37	<10	98		
K931659		<20	0.02	<10	<10	43	50	131	0.949	0.995
K931660		<20	0.02	<10	<10	28	<10	101	0.956	0.993