



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
PO BOX 70
DAWSON CITY YT Y0B 1C0

Page: 1
Total # Pages: 6 (A - C)
Plus Appendix Pages
Finalized Date: 21-MAY-2019
Account: TRUGRO

QC CERTIFICATE WH19110346

Project: JPR
P.O. No.: 1703
This report is for 146 Rock samples submitted to our lab in Whitehorse, YT, Canada on 8-MAY-2019.

The following have access to data associated with this certificate:

GREG DAWSON
ANDREW HAMILTON

ISAAC FAGE
BEN MCGRATH

JODIE GIBSON

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-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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 *****

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
 PO BOX 70
 DAWSON CITY YT Y0B 1C0

Page: 2 - A
 Total # Pages: 6 (A - C)
 Plus Appendix Pages
 Finalized Date: 21-MAY-2019
 Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	Au-AA25 Au ppm 0.01	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
STANDARDS																
CDN-CM-34			3.5	2.33	105	<10	90	<0.5	7	1.40	1.0	41	178	5840	4.47	10
CDN-CM-34			3.5	2.35	99	<10	90	<0.5	5	1.34	1.3	41	180	5730	4.26	10
Target Range - Lower Bound			3.1	2.14	93	<10	70	<0.5	<2	1.20	<0.5	36	164	5390	3.91	<10
Upper Bound			4.3	2.64	118	30	140	1.4	8	1.49	2.0	46	202	6210	4.80	30
EMOG-17			67.5	1.57	596	<10	30	<0.5	9	0.96	19.6	761	45	8510	4.74	10
EMOG-17			68.4	1.60	587	<10	30	<0.5	6	0.96	19.7	764	47	8620	4.59	<10
Target Range - Lower Bound			60.1	1.45	503	<10	30	<0.5	<2	0.87	17.9	679	42	7780	4.18	<10
Upper Bound			73.9	1.79	619	20	80	1.5	10	1.09	22.9	833	54	8960	5.14	30
G913-10	7.07															
G913-10	7.35															
G913-10	7.15															
Target Range - Lower Bound	6.65															
Upper Bound	7.53															
G915-10	48.0															
Target Range - Lower Bound	45.7															
Upper Bound	51.6															
MRGeo08			4.5	2.68	35	10	450	0.8	<2	1.12	2.2	19	93	631	3.64	10
MRGeo08			4.4	2.57	35	<10	440	0.7	2	1.09	2.1	20	90	623	3.68	10
MRGeo08			4.5	2.67	32	10	450	0.8	<2	1.11	2.3	18	93	629	3.62	10
MRGeo08			4.4	2.65	32	<10	450	0.8	<2	1.09	2.1	19	93	631	3.60	10
MRGeo08			4.5	2.66	34	<10	440	0.8	<2	1.07	2.2	19	90	635	3.63	10
Target Range - Lower Bound			3.8	2.44	27	<10	370	<0.5	<2	1.00	1.1	16	81	586	3.22	<10
Upper Bound			5.1	3.00	39	20	530	1.9	5	1.24	3.4	22	102	676	3.96	30
OREAS 501b			0.7	1.96	15	<10	370	<0.5	3	0.97	<0.5	15	87	2670	4.08	10
OREAS 501b			0.6	1.98	19	<10	370	<0.5	2	0.95	<0.5	15	85	2640	3.93	10
Target Range - Lower Bound																
Upper Bound																
OREAS 602			>100	0.66	687	<10	30	<0.5	62	0.54	26.1	10	34	5360	2.09	<10
OREAS 602			>100	0.64	689	<10	30	<0.5	62	0.55	26.4	10	33	5430	2.09	<10
OREAS 602			>100	0.63	671	<10	30	<0.5	60	0.51	25.0	10	28	5100	1.98	<10
Target Range - Lower Bound			106.0	0.57	577	<10	<10	<0.5	50	0.46	22.2	7	26	4810	1.94	<10
Upper Bound			100.0	0.71	709	20	50	1.3	66	0.59	28.2	12	34	5530	2.40	30

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
PO BOX 70
DAWSON CITY YT Y0B 1C0

Page: 2 - B
Total # Pages: 6 (A - C)
Plus Appendix Pages
Finalized Date: 21-MAY-2019
Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	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	ME-ICP41 Th ppm 20
STANDARDS																
CDN-CM-34		<1	1.21	10	2.55	305	271	0.12	232	1180	24	3.10	5	9	102	<20
CDN-CM-34		1	1.18	10	2.47	300	270	0.11	226	1140	22	3.02	7	9	103	<20
Target Range - Lower Bound		<1	1.06	<10	2.27	269	245	0.08	204	1050	18	2.70	<2	8	92	<20
Upper Bound		2	1.32	30	2.80	340	301	0.13	252	1310	28	3.32	9	13	115	40
EMOG-17		<1	0.68	20	0.79	651	1095	0.18	8010	790	7510	3.20	655	5	52	<20
EMOG-17		1	0.67	20	0.78	646	1090	0.17	7870	770	7320	3.19	658	5	55	<20
Target Range - Lower Bound		<1	0.60	<10	0.73	598	1015	0.15	6930	680	6500	2.90	572	3	47	<20
Upper Bound		3	0.76	40	0.91	742	1245	0.20	8470	850	7950	3.56	778	7	59	50
G913-10																
G913-10																
G913-10																
Target Range - Lower Bound																
Upper Bound																
G915-10																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		<1	1.28	30	1.17	415	14	0.34	716	1020	1085	0.31	<2	7	84	20
MRGeo08		<1	1.29	30	1.16	418	14	0.34	728	1030	1105	0.30	5	7	78	20
MRGeo08		<1	1.27	30	1.16	419	14	0.33	710	1020	1080	0.32	3	7	84	20
MRGeo08		1	1.29	30	1.15	421	14	0.34	717	1040	1090	0.31	4	7	82	20
MRGeo08		<1	1.28	30	1.14	404	14	0.34	716	990	1080	0.31	4	7	81	20
Target Range - Lower Bound		<1	1.12	20	1.03	378	12	0.30	621	900	957	0.27	<2	5	71	<20
Upper Bound		2	1.40	60	1.29	473	17	0.39	761	1130	1175	0.35	8	10	89	60
OREAS 501b		1	1.09	30	1.20	382	93	0.16	43	1020	9	0.36	<2	7	59	20
OREAS 501b		<1	1.06	30	1.15	371	92	0.16	39	1010	9	0.36	2	7	62	20
Target Range - Lower Bound																
Upper Bound																
OREAS 602		2	0.09	10	0.11	217	4	0.02	64	230	864	2.07	56	1	50	<20
OREAS 602		<1	0.09	10	0.10	216	4	0.02	63	240	873	2.09	58	1	49	<20
OREAS 602		<1	0.09	10	0.10	203	4	0.03	59	220	829	2.02	64	1	49	<20
Target Range - Lower Bound		<1	0.07	<10	0.08	193	2	<0.01	54	210	768	1.81	51	<1	44	<20
Upper Bound		3	0.12	30	0.13	247	7	0.05	68	280	944	2.23	73	3	56	40

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
 PO BOX 70
 DAWSON CITY YT Y0B 1C0

Page: 2 - C
 Total # Pages: 6 (A - C)
 Plus Appendix Pages
 Finalized Date: 21-MAY-2019
 Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	ME-ICP41 Ti %	ME-ICP41 Ti ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	ME-MS42 Te ppm
		0.01	10	10	1	10	2	0.01
STANDARDS								
CDN-CM-34		0.17	<10	<10	103	10	177	0.63
CDN-CM-34		0.17	<10	<10	105	10	172	0.58
Target Range - Lower Bound		0.15	<10	<10	95	<10	159	
Upper Bound		0.21	20	20	118	30	199	
EMOG-17		0.21	<10	<10	64	<10	7510	1.19
EMOG-17		0.21	10	<10	65	<10	7450	1.31
Target Range - Lower Bound		0.18	<10	<10	58	<10	6780	1.18
Upper Bound		0.25	20	20	74	20	8290	1.46
G913-10								
G913-10								
G913-10								
Target Range - Lower Bound								
Upper Bound								
G915-10								
Target Range - Lower Bound								
Upper Bound								
MRGeo08		0.39	<10	<10	103	<10	778	0.01
MRGeo08		0.37	<10	<10	100	<10	790	0.02
MRGeo08		0.39	<10	<10	103	<10	785	0.02
MRGeo08		0.39	<10	<10	104	<10	795	0.03
MRGeo08		0.39	<10	<10	100	<10	768	0.02
Target Range - Lower Bound		0.33	<10	<10	90	<10	708	<0.01
Upper Bound		0.43	20	30	112	20	870	0.04
OREAS 501b		0.34	<10	<10	109	<10	80	0.07
OREAS 501b		0.33	<10	<10	110	<10	79	0.09
Target Range - Lower Bound								0.05
Upper Bound								0.10
OREAS 602		0.01	<10	<10	11	<10	4150	40.5
OREAS 602		0.01	<10	<10	11	<10	4150	41.2
OREAS 602		0.01	<10	<10	10	<10	3920	40.4
Target Range - Lower Bound		<0.01	<10	<10	8	<10	3680	
Upper Bound		0.03	20	20	14	20	4500	

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
PO BOX 70
DAWSON CITY YT Y0B 1C0

Page: 3 - A
Total # Pages: 6 (A - C)
Plus Appendix Pages
Finalized Date: 21-MAY-2019
Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	Au-AA25 Au ppm 0.01	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
STANDARDS																
OREAS 604			>100	0.76	1005	<10	20	<0.5	27	0.60	15.8	43	30	>10000	2.76	10
OREAS 604			>100	0.72	1030	<10	10	<0.5	30	0.61	15.4	44	34	>10000	2.77	10
OREAS 604			>100	0.77	1035	<10	10	<0.5	22	0.62	15.7	44	33	>10000	2.86	10
OREAS 604			>100	0.72	1015	<10	10	<0.5	28	0.59	15.4	45	33	>10000	2.71	10
OREAS 604			>100	0.78	1030	<10	20	<0.5	27	0.60	15.2	45	31	>10000	2.75	10
Target Range - Lower Bound			443		867		<10	<0.5	22	0.52	13.5	37		20100		<10
Upper Bound			100.0		1065		20	1.3	32	0.66	17.6	48		>10000		30
OREAS 920			<0.2	2.35	6	<10	80	0.7	2	0.32	<0.5	15	43	116	3.57	10
OREAS 920			<0.2	2.36	3	<10	70	0.7	2	0.32	<0.5	14	43	113	3.64	10
OREAS 920			<0.2	2.45	5	<10	80	0.7	2	0.33	<0.5	16	42	113	3.70	10
Target Range - Lower Bound																
Upper Bound																
OREAS-45d			<0.2	4.88	6	10	90	0.5	2	0.09	<0.5	26	485	346	14.15	20
OREAS-45d			<0.2	4.75	8	10	80	0.5	4	0.09	<0.5	26	475	342	14.00	20
OREAS-45d			0.2	4.99	8	10	80	0.5	<2	0.09	<0.5	25	470	355	14.50	20
Target Range - Lower Bound			<0.2	4.36	<2	<10	50	<0.5	<2	0.06	<0.5	23	419	320	12.30	<10
Upper Bound			0.5	5.36	11	20	110	1.6	4	0.11	1.0	30	515	370	15.05	40
OxJ95		2.30														
OxJ95		2.31														
OxJ95		2.28														
Target Range - Lower Bound		2.19														
Upper Bound		2.49														
OxP154		15.15														
Target Range - Lower Bound		14.35														
Upper Bound		16.20														
PMP-18		0.30														
Target Range - Lower Bound		0.28														
Upper Bound		0.34														

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
PO BOX 70
DAWSON CITY YT Y0B 1C0

Page: 3 - B
Total # Pages: 6 (A - C)
Plus Appendix Pages
Finalized Date: 21-MAY-2019
Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
STANDARDS																
OREAS 604		1	0.16	10	0.10	222	4	0.04	667	230	697	4.23	119	1	38	<20
OREAS 604		1	0.16	10	0.10	222	5	0.05	687	230	720	4.20	114	1	36	<20
OREAS 604		1	0.16	10	0.10	229	4	0.04	685	230	713	4.28	120	1	36	<20
OREAS 604		2	0.15	10	0.09	221	5	0.04	677	230	703	4.12	116	1	35	<20
OREAS 604		1	0.16	10	0.10	220	4	0.05	665	230	694	4.21	131	1	39	<20
Target Range - Lower Bound		<1		<10			2		584		631		105	<1	33	<20
Upper Bound		3		30			6		716		775		147	2	42	40
OREAS 920		<1	0.40	30	1.08	514	1	0.02	39	720	24	0.03	<2	3	18	20
OREAS 920		<1	0.39	30	1.09	518	1	0.01	40	720	24	0.04	<2	2	18	20
OREAS 920		<1	0.43	30	1.08	515	1	0.03	40	730	23	0.03	<2	3	18	20
Target Range - Lower Bound																
Upper Bound																
OREAS-45d		1	0.10	10	0.14	370	2	0.02	192	340	16	0.04	<2	45	12	<20
OREAS-45d		1	0.10	10	0.14	369	2	0.02	188	330	16	0.05	3	44	11	<20
OREAS-45d		<1	0.10	10	0.14	362	2	0.03	194	330	21	0.06	<2	44	11	<20
Target Range - Lower Bound		<1	0.07	<10	0.12	355	<1	<0.01	157	310	12	0.02	<2	36	8	<20
Upper Bound		2	0.12	30	0.17	445	4	0.05	195	400	22	0.07	4	47	14	50
OxJ95																
OxJ95																
OxJ95																
Target Range - Lower Bound																
Upper Bound																
OxP154																
Target Range - Lower Bound																
Upper Bound																
PMP-18																
Target Range - Lower Bound																
Upper Bound																

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
 PO BOX 70
 DAWSON CITY YT Y0B 1C0

Page: 3 - C
 Total # Pages: 6 (A - C)
 Plus Appendix Pages
 Finalized Date: 21-MAY-2019
 Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	ME-ICP41 Ti %	ME-ICP41 Ti ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	ME-MS42 Te ppm
		0.01	10	10	1	10	2	0.01
STANDARDS								
OREAS 604		0.01	10	<10	9	<10	2510	26.6
OREAS 604		0.01	10	<10	9	<10	2520	27.0
OREAS 604		0.01	10	<10	9	<10	2560	27.3
OREAS 604		0.01	10	<10	9	<10	2460	26.2
OREAS 604		0.01	10	<10	9	<10	2430	27.1
Target Range - Lower Bound		<0.01	<10	<10		<10		22.8
Upper Bound		0.03	30	20		20		27.8
OREAS 920		0.12	<10	<10	25	<10	106	0.02
OREAS 920		0.11	<10	<10	25	<10	107	0.01
OREAS 920		0.13	<10	<10	25	<10	106	0.02
Target Range - Lower Bound								<0.01
Upper Bound								0.04
OREAS-45d		0.08	<10	<10	211	<10	29	0.07
OREAS-45d		0.08	<10	<10	207	<10	28	0.04
OREAS-45d		0.08	<10	<10	205	<10	28	0.05
Target Range - Lower Bound		0.06	<10	<10	180	<10	25	0.02
Upper Bound		0.10	20	20	222	20	36	0.06
OxJ95								
OxJ95								
OxJ95								
Target Range - Lower Bound								
Upper Bound								
OxP154								
Target Range - Lower Bound								
Upper Bound								
PMP-18								
Target Range - Lower Bound								
Upper Bound								

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
PO BOX 70
DAWSON CITY YT Y0B 1C0

Page: 4 - A
Total # Pages: 6 (A - C)
Plus Appendix Pages
Finalized Date: 21-MAY-2019
Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	Au-AA25 Au ppm 0.01	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
BLANKS																
BLANK		<0.01														
BLANK		<0.01														
BLANK		<0.01														
BLANK		<0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
Target Range - Lower Bound			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
Upper Bound			0.4	0.02	4	20	20	1.0	4	0.02	1.0	2	2	2	0.02	20
DUPLICATES																
ORIGINAL		1.94														
DUP		1.88														
Target Range - Lower Bound		1.92														
Upper Bound		2.14														
1614932		<0.01														
DUP		<0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
1614936			0.3	0.63	254	<10	100	<0.5	<2	0.05	<0.5	2	12	10	1.46	<10
DUP			0.3	0.65	260	<10	100	<0.5	<2	0.05	<0.5	2	12	7	1.47	<10
Target Range - Lower Bound			<0.2	0.60	242	<10	80	<0.5	<2	0.04	<0.5	<1	10	7	1.38	<10
Upper Bound			0.4	0.68	272	20	120	1.0	4	0.06	1.0	3	14	10	1.55	20
1614952		0.08														
DUP		0.07														
Target Range - Lower Bound		0.06														
Upper Bound		0.09														

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
 PO BOX 70
 DAWSON CITY YT Y0B 1C0

Page: 4 - B
 Total # Pages: 6 (A - C)
 Plus Appendix Pages
 Finalized Date: 21-MAY-2019
 Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	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	ME-ICP41 Th ppm 20
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
BLANK		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
BLANK		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	0.01	<2	<1	<1	<20
BLANK		<1	<0.01	<10	<0.01	<5	<1	0.01	<1	<10	<2	0.01	<2	<1	<1	<20
BLANK		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
Target Range - Lower Bound		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
Upper Bound		2	0.02	20	0.02	10	2	0.02	2	20	4	0.02	4	2	2	40
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
1614932																
DUP																
Target Range - Lower Bound																
Upper Bound																
1614936		2	0.15	20	0.09	96	93	<0.01	5	100	21	0.12	2	1	11	<20
DUP		2	0.15	20	0.09	97	93	0.01	4	100	23	0.12	<2	1	11	<20
Target Range - Lower Bound		<1	0.13	<10	0.08	87	87	<0.01	3	90	19	0.10	<2	<1	9	<20
Upper Bound		3	0.17	30	0.10	106	99	0.02	6	120	25	0.14	4	2	13	40
1614952																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
 PO BOX 70
 DAWSON CITY YT Y0B 1C0

Page: 4 - C
 Total # Pages: 6 (A - C)
 Plus Appendix Pages
 Finalized Date: 21-MAY-2019
 Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	ME-MS42 Te ppm
		0.01	10	10	1	10	2	0.01
BLANKS								
BLANK								
BLANK								
BLANK								
BLANK								
Target Range - Lower Bound								
Upper Bound								
BLANK		<0.01	<10	<10	<1	<10	<2	<0.01
BLANK		<0.01	<10	<10	<1	<10	<2	<0.01
BLANK		<0.01	<10	<10	<1	<10	<2	<0.01
BLANK		<0.01	<10	<10	<1	<10	<2	<0.01
BLANK		<0.01	<10	<10	<1	<10	<2	<0.01
Target Range - Lower Bound		<0.01	<10	<10	<1	<10	<2	<0.01
Upper Bound		0.02	20	20	2	20	4	0.02
DUPLICATES								
ORIGINAL								
DUP								
Target Range - Lower Bound								
Upper Bound								
1614932								
DUP								
Target Range - Lower Bound								
Upper Bound								
1614936		0.03	<10	<10	18	<10	12	0.30
DUP		0.03	<10	<10	18	<10	12	0.30
Target Range - Lower Bound		0.02	<10	<10	16	<10	9	0.28
Upper Bound		0.04	20	20	20	20	15	0.33
1614952								
DUP								
Target Range - Lower Bound								
Upper Bound								

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
PO BOX 70
DAWSON CITY YT Y0B 1C0

Page: 5 - A
Total # Pages: 6 (A - C)
Plus Appendix Pages
Finalized Date: 21-MAY-2019
Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	Au-AA25 Au ppm 0.01	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
DUPLICATES																
1614969			0.5	0.77	6	<10	120	<0.5	2	0.14	<0.5	4	15	15	1.40	<10
DUP			0.2	0.79	6	<10	120	<0.5	<2	0.14	<0.5	5	15	15	1.40	<10
Target Range - Lower Bound			<0.2	0.73	4	<10	100	<0.5	<2	0.12	<0.5	3	13	13	1.32	<10
Upper Bound			0.4	0.83	8	20	140	1.0	4	0.16	1.0	6	17	17	1.48	20
1614990		0.03														
DUP		0.03														
Target Range - Lower Bound		0.02														
Upper Bound		0.04														
1625503			<0.2	0.79	3	<10	90	<0.5	<2	0.04	<0.5	13	8	7	1.73	<10
DUP			<0.2	0.81	3	<10	90	<0.5	<2	0.07	<0.5	14	8	7	1.79	<10
Target Range - Lower Bound			<0.2	0.75	<2	<10	70	<0.5	<2	0.04	<0.5	12	7	6	1.66	<10
Upper Bound			0.4	0.85	4	20	110	1.0	4	0.07	1.0	15	9	8	1.86	20
1625510		<0.01														
DUP		<0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
1625530		0.02														
DUP		0.02														
Target Range - Lower Bound		<0.01														
Upper Bound		0.03														
1625536			<0.2	1.16	8	<10	170	<0.5	<2	0.19	<0.5	5	22	17	1.93	<10
DUP			0.2	1.22	9	<10	180	<0.5	<2	0.20	<0.5	5	22	17	1.97	<10
Target Range - Lower Bound			<0.2	1.12	6	<10	150	<0.5	<2	0.18	<0.5	4	20	15	1.84	<10
Upper Bound			0.4	1.26	11	20	200	1.0	4	0.21	1.0	6	24	19	2.06	20
1625569			0.2	1.03	9	<10	180	<0.5	<2	0.24	<0.5	5	20	14	1.82	<10
DUP			<0.2	1.04	10	<10	180	<0.5	<2	0.24	<0.5	5	20	14	1.83	<10
Target Range - Lower Bound			<0.2	0.97	7	<10	160	<0.5	<2	0.22	<0.5	4	18	13	1.72	<10
Upper Bound			0.4	1.10	12	20	200	1.0	4	0.26	1.0	6	22	15	1.93	20
ORIGINAL		0.01														
DUP		0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
PO BOX 70
DAWSON CITY YT Y0B 1C0

Page: 5 - B
Total # Pages: 6 (A - C)
Plus Appendix Pages
Finalized Date: 21-MAY-2019
Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	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	ME-ICP41 Th ppm 20
DUPLICATES																
1614969		<1	0.11	20	0.16	169	4	0.03	8	170	7	0.01	2	2	14	<20
DUP		<1	0.12	20	0.16	168	3	0.03	8	170	7	0.01	3	2	14	<20
Target Range - Lower Bound		<1	0.10	<10	0.14	155	2	0.02	7	150	5	<0.01	<2	<1	12	<20
Upper Bound		2	0.13	30	0.18	182	5	0.04	9	190	9	0.02	4	3	16	40
1614990																
DUP																
Target Range - Lower Bound																
Upper Bound																
1625503		<1	0.27	20	0.21	1140	4	0.04	4	310	4	0.03	<2	1	7	<20
DUP		<1	0.27	20	0.22	1165	3	0.04	4	320	5	0.02	<2	2	7	<20
Target Range - Lower Bound		<1	0.25	<10	0.19	1090	2	0.03	3	290	<2	<0.01	<2	<1	6	<20
Upper Bound		2	0.29	30	0.24	1215	5	0.05	5	340	7	0.04	4	2	8	40
1625510																
DUP																
Target Range - Lower Bound																
Upper Bound																
1625530																
DUP																
Target Range - Lower Bound																
Upper Bound																
1625536		<1	0.09	20	0.26	193	3	0.03	11	290	9	0.03	2	3	19	<20
DUP		1	0.09	20	0.26	197	3	0.03	12	300	9	0.04	<2	3	20	<20
Target Range - Lower Bound		<1	0.08	<10	0.24	180	2	0.02	10	270	7	0.02	<2	2	18	<20
Upper Bound		2	0.10	30	0.28	210	4	0.04	13	320	11	0.05	4	4	21	40
1625569		<1	0.07	10	0.25	161	2	0.03	11	420	9	0.02	<2	2	20	<20
DUP		<1	0.07	10	0.24	162	3	0.03	11	420	7	0.03	<2	2	20	<20
Target Range - Lower Bound		<1	0.06	<10	0.22	148	<1	0.02	9	390	6	<0.01	<2	<1	18	<20
Upper Bound		2	0.08	20	0.27	175	4	0.04	13	450	10	0.04	4	3	22	40
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
 PO BOX 70
 DAWSON CITY YT Y0B 1C0

Page: 5 - C
 Total # Pages: 6 (A - C)
 Plus Appendix Pages
 Finalized Date: 21-MAY-2019
 Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	ME-ICP41 Ti %	ME-ICP41 Ti ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	ME-MS42 Te ppm
		0.01	10	10	1	10	2	0.01
DUPLICATES								
1614969		0.05	<10	<10	25	<10	20	0.22
DUP		0.05	<10	<10	25	<10	20	0.21
Target Range - Lower Bound		0.04	<10	<10	23	<10	17	0.19
Upper Bound		0.06	20	20	27	20	23	0.24
1614990								
DUP								
Target Range - Lower Bound								
Upper Bound								
1625503		0.05	<10	<10	24	<10	31	0.03
DUP		0.05	<10	<10	25	<10	32	0.02
Target Range - Lower Bound		0.04	<10	<10	22	<10	28	<0.01
Upper Bound		0.06	20	20	27	20	35	0.04
1625510								
DUP								
Target Range - Lower Bound								
Upper Bound								
1625530								
DUP								
Target Range - Lower Bound								
Upper Bound								
1625536		0.07	<10	<10	38	<10	31	0.09
DUP		0.07	<10	<10	40	<10	32	0.10
Target Range - Lower Bound		0.06	<10	<10	36	<10	28	0.08
Upper Bound		0.08	20	20	42	20	35	0.11
1625569		0.06	<10	<10	36	<10	32	0.05
DUP		0.06	<10	<10	36	<10	31	0.05
Target Range - Lower Bound		0.05	<10	<10	33	<10	28	0.04
Upper Bound		0.07	20	20	39	20	35	0.06
ORIGINAL								
DUP								
Target Range - Lower Bound								
Upper Bound								

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
 PO BOX 70
 DAWSON CITY YT Y0B 1C0

Page: 6 - A
 Total # Pages: 6 (A - C)
 Plus Appendix Pages
 Finalized Date: 21-MAY-2019
 Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	Au-AA25 Au ppm 0.01	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
DUPLICATES																
ORIGINAL		<0.01														
DUP		<0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
ORIGINAL		0.03														
DUP		0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.03														
ORIGINAL		<0.01														
DUP		<0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
ORIGINAL		<0.01														
DUP		<0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
PO BOX 70
DAWSON CITY YT Y0B 1C0

Page: 6 - B
Total # Pages: 6 (A - C)
Plus Appendix Pages
Finalized Date: 21-MAY-2019
Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method Analyte Units LOD	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	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
ORIGINAL DUP Target Range - Lower Bound Upper Bound	DUPLICATES															
ORIGINAL DUP Target Range - Lower Bound Upper Bound																
ORIGINAL DUP Target Range - Lower Bound Upper Bound																
ORIGINAL DUP Target Range - Lower Bound Upper Bound																

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
 PO BOX 70
 DAWSON CITY YT Y0B 1C0

Page: 6 - C
 Total # Pages: 6 (A - C)
 Plus Appendix Pages
 Finalized Date: 21-MAY-2019
 Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-MS42
	Analyte	Ti	Tl	U	V	W	Zn	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2	0.01
ORIGINAL DUP Target Range - Lower Bound Upper Bound	DUPLICATES							
ORIGINAL DUP Target Range - Lower Bound Upper Bound								
ORIGINAL DUP Target Range - Lower Bound Upper Bound								
ORIGINAL DUP Target Range - Lower Bound Upper Bound								

Comments: 1614976 was listed on the submittal but not received and samples 1614996-1614500 were received but not listed on the submittal.

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



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GROUNDTRUTH EXPLORATION
PO BOX 70
DAWSON CITY YT Y0B 1C0

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 21-MAY-2019
Account: TRUGRO

Project: JPR

QC CERTIFICATE OF ANALYSIS WH19110346

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.	
	CRU-31	CRU-QC
	PUL-QC	SPL-21
		LOG-22
		WEI-21
		PUL-31
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.	
	Au-AA25	ME-ICP41
		ME-MS42