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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE SD21181374

This report is for 2 samples of Rock submitted to our lab in Sudbury, ON, Canada on 14-JUL-2021.

The following have access to data associated with this certificate:

JEAN PAUL VIENNEAU		

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 up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61r	4A multi-element ICP-MS + REE	

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:
Saa Traxler, General Manager, North Vancouver

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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21181374

Sample Description / Method / Analyte / Units / LOD	ME-MS61r Ag ppm 0.01	ME-MS61r Al % 0.01	ME-MS61r As ppm 0.2	ME-MS61r Ba ppm 10	ME-MS61r Be ppm 0.05	ME-MS61r Bi ppm 0.01	ME-MS61r Ca % 0.01	ME-MS61r Cd ppm 0.02	ME-MS61r Ce ppm 0.01	ME-MS61r Co ppm 0.1	ME-MS61r Cr ppm 1	ME-MS61r Cs ppm 0.05	ME-MS61r Cu ppm 0.2	ME-MS61r Fe % 0.01	ME-MS61r Ga ppm 0.05
STANDARDS															
EMOG-17	67.7	4.72	601	230	1.96	6.04	1.99	20.7	45.2	757	55	7.09	8250	4.92	12.10
Target Range - Lower Bound	60.9	4.18	522	310	1.60	5.31	1.72	18.15	42.9	686	49	6.56	7750	4.42	10.75
Upper Bound	74.5	5.13	638	440	2.06	6.51	2.12	22.2	52.5	838	62	8.12	8910	5.42	13.25
G919-10															
Target Range - Lower Bound															
Upper Bound															
GPP-14															
Target Range - Lower Bound															
Upper Bound															
MRGeo08	4.43	7.19	33.5	1070	3.43	0.70	2.64	2.33	67.6	19.4	91	11.75	606	3.87	18.95
Target Range - Lower Bound	3.93	6.64	29.5	920	2.98	0.58	2.35	2.00	66.2	17.7	81	11.20	587	3.55	17.50
Upper Bound	4.83	8.14	36.5	1270	3.76	0.73	2.90	2.48	81.0	21.9	102	13.80	675	4.37	21.5
OREAS 684															
Target Range - Lower Bound															
Upper Bound															
OREAS 905	0.55	7.52	34.7	2780	3.33	6.07	0.64	0.38	95.5	15.3	20	7.16	1505	4.09	25.9
Target Range - Lower Bound	0.46	6.67	31.0	2280	2.69	5.14	0.52	0.30	82.8	13.2	16	6.05	1425	3.66	22.5
Upper Bound	0.58	8.17	38.4	3110	3.39	6.30	0.66	0.42	101.0	16.4	22	7.51	1640	4.50	27.7
OREAS-106	0.05	7.20	2.7	280	4.40	0.43	1.08	0.10	132.0	7.1	42	0.99	131.5	2.24	28.2
Target Range - Lower Bound	0.03	6.62	1.7	230	4.25	0.38	0.94	0.04	123.5	5.8	37	0.90	121.5	2.02	25.0
Upper Bound	0.07	8.11	2.8	340	5.31	0.49	1.18	0.12	150.5	7.4	48	1.22	140.0	2.49	30.6
PMP-18															
Target Range - Lower Bound															
Upper Bound															
BLANKS															
BLANK	<0.01	<0.01	<0.2	<10	<0.05	0.02	<0.01	<0.02	0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05
Target Range - Lower Bound	<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05
Upper Bound	0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4	0.02	0.10
BLANK															
Target Range - Lower Bound															
Upper Bound															

***** 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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21181374

Sample Description	Method / Analyte / Units / LOD	ME-MS61r Ge ppm 0.05	ME-MS61r Hf ppm 0.1	ME-MS61r In ppm 0.005	ME-MS61r K % 0.01	ME-MS61r La ppm 0.5	ME-MS61r Li ppm 0.2	ME-MS61r Mg % 0.01	ME-MS61r Mn ppm 5	ME-MS61r Mo ppm 0.05	ME-MS61r Na % 0.01	ME-MS61r Nb ppm 0.1	ME-MS61r Ni ppm 0.2	ME-MS61r P ppm 10	ME-MS61r Pb ppm 0.5	ME-MS61r Rb ppm 0.1
STANDARDS																
EMOG-17		0.12	1.8	0.870	1.65	23.9	26.8	0.97	744	1050	1.11	14.2	7570	830	7140	104.0
Target Range - Lower Bound		0.06	1.6	0.823	1.49	20.7	23.9	0.86	670	997	0.99	12.7	6820	700	6570	98.9
Upper Bound		0.30	2.2	1.015	1.85	26.4	29.7	1.08	830	1220	1.23	15.7	8330	880	8030	121.0
G919-10																
Target Range - Lower Bound																
Upper Bound																
GPP-14																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		0.16	3.1	0.166	3.05	33.6	34.4	1.31	550	14.65	1.96	20.7	685	1020	1035	183.5
Target Range - Lower Bound		<0.05	2.8	0.155	2.79	31.1	29.5	1.17	497	13.65	1.76	19.0	622	930	971	173.5
Upper Bound		0.28	3.6	0.201	3.43	39.1	36.5	1.45	619	16.75	2.18	23.4	760	1160	1185	212
OREAS 684																
Target Range - Lower Bound																
Upper Bound																
OREAS 905		0.17	7.1	0.635	2.93	48.2	22.3	0.28	376	3.22	2.43	18.6	10.4	290	30.6	135.0
Target Range - Lower Bound		<0.05	6.1	0.571	2.58	40.9	17.8	0.24	333	2.89	2.15	16.2	8.4	240	26.9	124.0
Upper Bound		0.28	7.6	0.709	3.18	51.1	22.2	0.31	418	3.65	2.65	20.0	10.7	320	33.9	152.0
OREAS-106		0.26	4.4	0.052	1.58	51.7	9.9	0.56	150	7.96	3.95	39.0	14.4	1770	298	91.4
Target Range - Lower Bound		0.14	3.9	0.048	1.40	48.1	10.2	0.48	124	7.29	3.54	37.3	12.2	1520	269	85.6
Upper Bound		0.40	4.9	0.074	1.73	59.9	12.9	0.61	162	9.03	4.35	45.8	15.4	1880	330	105.0
PMP-18																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK		0.07	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
Target Range - Lower Bound		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
Upper Bound		0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0	0.2
BLANK																
Target Range - Lower Bound																
Upper Bound																

***** 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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21181374

Sample Description / Method / Analyte / Units / LOD	ME-MS61r Re ppm 0.002	ME-MS61r S % 0.01	ME-MS61r Sb ppm 0.05	ME-MS61r Sc ppm 0.1	ME-MS61r Se ppm 1	ME-MS61r Sn ppm 0.2	ME-MS61r Sr ppm 0.2	ME-MS61r Ta ppm 0.05	ME-MS61r Te ppm 0.05	ME-MS61r Th ppm 0.01	ME-MS61r Ti % 0.005	ME-MS61r Tl ppm 0.02	ME-MS61r U ppm 0.1	ME-MS61r V ppm 1	ME-MS61r W ppm 0.1
STANDARDS															
EMOG-17	0.309	3.22	779	7.9	7	2.5	202	0.94	1.23	11.80	0.318	2.25	3.2	73	4.1
Target Range - Lower Bound	0.286	2.91	643	7.2	4	2.2	184.5	0.78	1.10	10.35	0.294	1.89	2.8	67	3.3
Upper Bound	0.354	3.57	869	9.0	9	3.2	226	1.08	1.46	12.65	0.370	2.61	3.7	84	4.7
G919-10															
Target Range - Lower Bound															
Upper Bound															
GPP-14															
Target Range - Lower Bound															
Upper Bound															
MRGeo08	0.007	0.29	4.62	12.0	2	3.9	298	1.50	<0.05	18.90	0.484	1.13	5.6	107	5.2
Target Range - Lower Bound	0.004	0.27	3.89	11.1	<1	3.5	277	1.39	<0.05	17.90	0.443	0.86	4.9	97	4.1
Upper Bound	0.013	0.35	5.39	13.7	4	4.7	339	1.81	0.12	21.9	0.553	1.21	6.2	121	5.8
OREAS 684															
Target Range - Lower Bound															
Upper Bound															
OREAS 905	<0.002	0.07	2.13	5.0	3	4.0	158.0	1.37	0.11	15.20	0.121	0.79	5.3	10	3.0
Target Range - Lower Bound	<0.002	0.04	1.61	4.3	<1	3.4	141.0	1.16	<0.05	13.15	0.105	0.58	4.4	8	2.3
Upper Bound	0.004	0.09	2.29	5.5	4	4.6	173.0	1.52	0.17	16.05	0.139	0.83	5.6	13	3.3
OREAS-106	0.002	0.04	0.28	6.4	1	6.3	80.3	4.29	<0.05	650	0.309	0.30	1115	40	2.5
Target Range - Lower Bound	<0.002	0.02	0.14	5.7	<1	5.7	75.0	3.95	<0.05	580	0.268	0.24	1030	37	4.0
Upper Bound	0.007	0.06	0.39	7.2	6	7.5	92.1	4.93	0.13	708	0.338	0.38	1255	47	5.6
PMP-18															
Target Range - Lower Bound															
Upper Bound															
BLANKS															
BLANK	<0.002	<0.01	<0.05	<0.1	1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
Target Range - Lower Bound	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
Upper Bound	0.004	0.02	0.10	0.2	5	0.4	0.4	0.10	0.10	0.02	0.010	0.04	0.2	2	0.2
BLANK															
Target Range - Lower Bound															
Upper Bound															

***** 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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21181374

Sample Description / Method / Analyte / Units / LOD	ME-MS61r Y ppm 0.1	ME-MS61r Zn ppm 2	ME-MS61r Zr ppm 0.5	ME-MS61r Dy ppm 0.05	ME-MS61r Er ppm 0.03	ME-MS61r Eu ppm 0.03	ME-MS61r Gd ppm 0.05	ME-MS61r Ho ppm 0.01	ME-MS61r Lu ppm 0.01	ME-MS61r Nd ppm 0.1	ME-MS61r Pr ppm 0.03	ME-MS61r Sm ppm 0.03	ME-MS61r Tb ppm 0.01	ME-MS61r Tm ppm 0.01	ME-MS61r Yb ppm 0.03
STANDARDS															
EMOG-17	15.6	7370	60.0	3.02	1.67	0.88	3.36	0.61	0.24	20.7	5.58	4.03	0.52	0.25	1.57
Target Range - Lower Bound	14.3	6800	55.6	2.53	1.41	0.71	2.85	0.48	0.19	17.8	4.65	3.40	0.41	0.19	1.30
Upper Bound	17.7	8320	76.4	3.53	1.97	1.03	3.97	0.68	0.27	24.3	6.37	4.66	0.57	0.29	1.82
G919-10															
Target Range - Lower Bound															
Upper Bound															
GPP-14															
Target Range - Lower Bound															
Upper Bound															
MRGeo08	25.3	795	101.0	5.06	2.85	1.36	5.37	1.02	0.40	31.8	8.27	6.33	0.84	0.42	2.67
Target Range - Lower Bound	23.8	722	92.2	3.99	2.25	1.12	4.60	0.79	0.32	26.5	7.02	5.24	0.67	0.32	2.13
Upper Bound	29.3	886	126.0	5.51	3.11	1.59	6.34	1.09	0.46	36.1	9.56	7.16	0.93	0.46	2.95
OREAS 684															
Target Range - Lower Bound															
Upper Bound															
OREAS 905	16.5	140	254	3.95	1.16	1.45	5.98	0.57	0.10	42.8	11.15	8.25	0.83	0.13	0.70
Target Range - Lower Bound	14.0	122	214	3.11	0.92	1.18	4.97	0.42	0.06	33.1	8.90	6.26	0.64	0.09	0.55
Upper Bound	17.4	154	290	4.33	1.32	1.66	6.84	0.59	0.12	45.1	12.10	8.54	0.90	0.15	0.81
OREAS-106	87.8	36	149.0	18.85	11.55	2.01	18.05	3.92	1.60	84.2	19.15	21.4	3.02	1.78	11.35
Target Range - Lower Bound	83.4	30	130.5	16.10	10.35	1.67	15.40	3.31	1.40	71.3	16.70	17.55	2.63	1.59	9.03
Upper Bound	102.0	42	178.0	21.9	14.05	2.33	21.0	4.50	1.92	96.7	22.7	23.8	3.58	2.17	12.30
PMP-18															
Target Range - Lower Bound															
Upper Bound															
BLANKS															
BLANK	<0.1	<2	<0.5	<0.05	<0.03	<0.03	<0.05	<0.01	<0.01	<0.1	<0.03	<0.03	<0.01	<0.01	<0.03
Target Range - Lower Bound	<0.1	<2	<0.5	<0.05	<0.03	<0.03	<0.05	<0.01	<0.01	<0.1	<0.03	<0.03	<0.01	<0.01	<0.03
Upper Bound	0.2	4	1.0	0.10	0.06	0.06	0.10	0.02	0.02	0.2	0.06	0.06	0.02	0.02	0.06
BLANK															
Target Range - Lower Bound															
Upper Bound															

***** 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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21181374

Sample Description	Method Analyte Units LOD	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001
		STANDARDS		
EMOG-17				
Target Range - Lower Bound				
Upper Bound				
G919-10		7.56	<0.005	0.001
Target Range - Lower Bound		7.12		
Upper Bound		8.04		
GPP-14		0.909	0.501	0.482
Target Range - Lower Bound		0.853	0.468	0.451
Upper Bound		0.965	0.538	0.511
MRGeo08				
Target Range - Lower Bound				
Upper Bound				
OREAS 684		0.246	3.86	1.715
Target Range - Lower Bound		0.232	3.63	1.615
Upper Bound		0.264	4.11	1.825
OREAS 905				
Target Range - Lower Bound				
Upper Bound				
OREAS-106				
Target Range - Lower Bound				
Upper Bound				
PMP-18		0.304	<0.005	0.002
Target Range - Lower Bound		0.289	<0.005	<0.001
Upper Bound		0.327	0.010	0.002
		BLANKS		
BLANK				
Target Range - Lower Bound				
Upper Bound				
BLANK		0.001	<0.005	0.001
Target Range - Lower Bound		<0.001	<0.005	<0.001
Upper Bound		0.002	0.010	0.002

***** 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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21181374

Sample Description	Method / Analyte / Units / LOD	ME-MS61r Ag ppm 0.01	ME-MS61r Al % 0.01	ME-MS61r As ppm 0.2	ME-MS61r Ba ppm 10	ME-MS61r Be ppm 0.05	ME-MS61r Bi ppm 0.01	ME-MS61r Ca % 0.01	ME-MS61r Cd ppm 0.02	ME-MS61r Ce ppm 0.01	ME-MS61r Co ppm 0.1	ME-MS61r Cr ppm 1	ME-MS61r Cs ppm 0.05	ME-MS61r Cu ppm 0.2	ME-MS61r Fe % 0.01	ME-MS61r Ga ppm 0.05
		DUPLICATES														
ORIGINAL		0.46	9.88	19.5	120	6.95	0.39	3.17	1.20	77.9	17.8	234	6.66	26.0	2.63	25.8
DUP		0.48	9.62	19.0	120	7.53	0.39	3.13	1.26	74.9	17.3	233	6.78	24.8	2.58	25.6
Target Range - Lower Bound		0.44	9.25	18.1	100	6.83	0.36	2.98	1.15	72.6	16.6	221	6.33	24.3	2.46	24.4
Upper Bound		0.50	10.25	20.4	140	7.65	0.42	3.32	1.31	80.2	18.5	246	7.11	26.5	2.75	27.0
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

***** 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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21181374

Sample Description	Method / Analyte / Units / LOD	ME-MS61r Ge ppm 0.05	ME-MS61r Hf ppm 0.1	ME-MS61r In ppm 0.005	ME-MS61r K % 0.01	ME-MS61r La ppm 0.5	ME-MS61r Li ppm 0.2	ME-MS61r Mg % 0.01	ME-MS61r Mn ppm 5	ME-MS61r Mo ppm 0.05	ME-MS61r Na % 0.01	ME-MS61r Nb ppm 0.1	ME-MS61r Ni ppm 0.2	ME-MS61r P ppm 10	ME-MS61r Pb ppm 0.5	ME-MS61r Rb ppm 0.1
		DUPLICATES														
ORIGINAL		0.18	4.0	0.085	1.44	40.3	95.8	0.78	151	1.36	0.23	17.8	85.7	2690	23.1	63.6
DUP		0.20	4.1	0.088	1.41	37.6	112.0	0.76	148	1.39	0.22	17.8	82.0	2560	23.3	60.6
Target Range - Lower Bound		0.13	3.7	0.077	1.34	36.5	98.5	0.72	137	1.26	0.20	16.8	79.5	2480	21.5	58.9
Upper Bound		0.25	4.4	0.096	1.51	41.4	109.5	0.82	162	1.49	0.25	18.8	88.2	2770	24.9	65.3
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

***** 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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21181374

Sample Description	Method / Analyte / Units / LOD	ME-MS61r Re ppm 0.002	ME-MS61r S % 0.01	ME-MS61r Sb ppm 0.05	ME-MS61r Sc ppm 0.1	ME-MS61r Se ppm 1	ME-MS61r Sn ppm 0.2	ME-MS61r Sr ppm 0.2	ME-MS61r Ta ppm 0.05	ME-MS61r Te ppm 0.05	ME-MS61r Th ppm 0.01	ME-MS61r Ti % 0.005	ME-MS61r Tl ppm 0.02	ME-MS61r U ppm 0.1	ME-MS61r V ppm 1	ME-MS61r W ppm 0.1
		DUPLICATES														
ORIGINAL		0.009	0.76	1.11	18.7	4	3.6	332	1.25	0.09	14.40	0.520	0.55	5.5	176	2.3
DUP		0.008	0.74	1.13	18.2	5	3.6	325	1.31	0.10	14.35	0.513	0.57	5.6	176	2.4
Target Range - Lower Bound		0.006	0.70	0.99	17.4	3	3.2	312	1.17	<0.05	13.65	0.486	0.50	5.2	166	2.1
Upper Bound		0.011	0.80	1.25	19.5	6	4.0	345	1.39	0.10	15.10	0.547	0.62	5.9	186	2.6
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

***** 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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21181374

Sample Description	Method / Analyte / Units / LOD	ME-MS61r Y ppm 0.1	ME-MS61r Zn ppm 2	ME-MS61r Zr ppm 0.5	ME-MS61r Dy ppm 0.05	ME-MS61r Er ppm 0.03	ME-MS61r Eu ppm 0.03	ME-MS61r Gd ppm 0.05	ME-MS61r Ho ppm 0.01	ME-MS61r Lu ppm 0.01	ME-MS61r Nd ppm 0.1	ME-MS61r Pr ppm 0.03	ME-MS61r Sm ppm 0.03	ME-MS61r Tb ppm 0.01	ME-MS61r Tm ppm 0.01	ME-MS61r Yb ppm 0.03
		DUPLICATES														
ORIGINAL		39.6	208	136.0	7.07	4.03	1.91	8.01	1.45	0.56	42.6	10.60	8.85	1.21	0.59	3.75
DUP		38.6	206	135.0	7.04	4.06	1.85	7.82	1.44	0.58	42.1	10.45	8.84	1.17	0.58	3.74
Target Range - Lower Bound		37.0	195	128.0	6.48	3.71	1.71	7.27	1.33	0.52	39.1	9.71	8.15	1.09	0.53	3.43
Upper Bound		41.2	219	143.0	7.63	4.38	2.05	8.56	1.56	0.62	45.6	11.35	9.54	1.29	0.64	4.06
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

***** 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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21181374

Sample Description	Method Analyte Units LOD	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001
		DUPLICATES		
ORIGINAL				
DUP				
Target Range - Lower Bound				
Upper Bound				
ORIGINAL		<0.001	<0.005	0.001
DUP		<0.001	<0.005	0.001
Target Range - Lower Bound		<0.001	<0.005	<0.001
Upper Bound		0.002	0.010	0.002
ORIGINAL		0.003	<0.005	0.001
DUP		<0.001	<0.005	0.001
Target Range - Lower Bound		<0.001	<0.005	<0.001
Upper Bound		0.003	0.010	0.002

***** 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: JEAN PAUL VIENNEAU
525 SECORD STREET
ESPANOLA ON P5E 1L9

Finalized Date: 4-AUG-2021
Account: JPVNVMAK

QC CERTIFICATE OF ANALYSIS SD21181374

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61r

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME-MS61r	PGM-ICP23