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: 18-FEB-2021
Account: JPVNVMAK

CERTIFICATE SD21012306

This report is for 5 samples of Rock submitted to our lab in Sudbury, ON, Canada on 18-JAN-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
DISP-01	Disposal of all sample fractions
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
ME-ICP61	33 element four acid ICP-AES	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	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 *****

Signature:
Saa Traxler, General Manager, North Vancouver

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CERTIFICATE OF ANALYSIS SD21012306

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1
SAMPLE 1		0.90	<0.001	<0.005	0.002	<0.5	5.65	6	490	1.4	2	2.00	<0.5	24	70	34
SAMPLE 2		0.71	0.465	<0.005	0.003	<0.5	1.98	7	120	<0.5	<2	0.56	<0.5	19	47	2120
SAMPLE 3		1.19	0.010	<0.005	0.003	<0.5	8.67	15	370	1.5	3	2.97	<0.5	85	69	136
SAMPLE 4		0.81	<0.001	<0.005	0.001	<0.5	6.88	<5	340	1.3	<2	3.95	<0.5	52	99	96
SAMPLE 5		0.40	0.016	<0.005	0.005	0.6	10.55	11	1830	2.8	5	0.31	<0.5	43	172	46

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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
SAMPLE 1		6.62	20	1.92	10	1.96	1010	2	0.05	78	840	7	0.01	<5	30	54
SAMPLE 2		3.64	10	0.44	<10	0.91	470	2	0.08	35	350	7	0.26	<5	9	20
SAMPLE 3		13.40	30	1.77	10	3.58	1645	2	0.60	130	1290	5	0.16	7	38	327
SAMPLE 4		10.70	20	1.63	30	2.60	1365	2	1.75	94	2040	8	0.27	5	26	236
SAMPLE 5		8.05	30	5.29	10	2.06	937	1	2.01	83	880	6	0.04	<5	24	70

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Sample Description	Method Analyte Units LOD	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
SAMPLE 1		<20	1.24	<10	<10	251	<10	88
SAMPLE 2		<20	0.36	<10	<10	81	<10	45
SAMPLE 3		<20	1.62	<10	<10	379	<10	157
SAMPLE 4		<20	1.49	<10	<10	313	<10	111
SAMPLE 5		<20	0.46	<10	<10	227	<10	85

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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method:	CRU-31	DISP-01	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	ME-ICP61	PGM-ICP23