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: **NORTHERN SUPERIOR RESOURCES INC**
1351C KELLY LAKE ROAD
UNIT 7
SUDBURY ON P3E 5P5

Finalized Date: 22-SEP-2017
Account: SUPDIA

CERTIFICATE TB17189072

Project: TPK

This report is for 7 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 5-SEP-2017.

The following have access to data associated with this certificate:

NORTHERN SUPERIOR DATA ACCESS	MATT SOOLEY	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **NORTHERN SUPERIOR RESOURCES INC**
ATTN: MATT SOOLEY
1351C KELLY LAKE ROAD
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SUDBURY ON P3E 5P5

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 TB17189072

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au g/t 0.005	Au-GRA21 Au g/t 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
W130052		1.00	0.105		0.03	7.83	1395	1000	1.25	0.15	0.05	<0.02	5.53	1.8	10	1.58
W130371		1.34	0.081		0.22	3.34	277	200	0.35	0.16	1.92	0.10	23.6	6.4	43	0.46
W130372		2.07	1.300		0.08	8.49	4610	1180	1.87	0.16	0.86	<0.02	23.3	8.2	13	1.21
W130373		1.09	0.065		0.08	7.30	70.8	850	1.40	0.07	0.94	0.03	20.7	1.2	11	1.42
W130374		1.37	0.411		0.26	7.02	36.4	990	1.65	0.38	0.76	<0.02	25.3	6.8	14	1.48
W130375		2.38	7.57	7.34	0.16	7.17	59.7	890	1.61	0.13	1.02	0.02	18.25	6.9	12	1.54
W130376		0.98	0.470		0.05	7.40	39.0	770	1.82	0.05	1.47	<0.02	29.4	0.9	12	1.72

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CERTIFICATE OF ANALYSIS TB17189072

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
W130052		0.7	1.95	21.4	0.11	7.1	0.073	4.43	3.0	40.9	0.36	108	1.79	0.15	11.9	2.0
W130371		58.7	2.36	10.60	0.11	0.9	0.037	0.77	13.6	5.1	0.41	466	1.09	0.44	2.7	12.2
W130372		20.1	2.85	19.80	0.15	7.7	0.040	4.12	14.7	21.4	0.37	109	1.21	2.87	4.6	1.9
W130373		10.9	2.47	17.30	0.14	6.1	0.020	2.80	12.1	13.0	0.32	201	1.62	2.90	11.2	1.4
W130374		13.6	2.80	18.20	0.13	5.9	0.057	3.23	24.6	10.6	0.26	140	1.59	3.01	4.8	2.4
W130375		14.9	1.83	20.4	0.12	5.9	0.046	3.27	11.6	17.7	0.47	148	6.34	2.33	3.4	1.3
W130376		3.9	1.82	17.70	0.13	6.5	0.028	2.21	15.1	14.3	0.44	296	13.65	3.07	9.7	1.7

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CERTIFICATE OF ANALYSIS TB17189072

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
W130052		350	14.7	181.5	<0.002	0.79	1.29	8.2	1	3.7	12.2	0.90	0.06	14.85	0.230	0.76
W130371		290	6.6	25.6	<0.002	0.31	0.62	4.3	1	0.9	145.0	0.26	0.05	3.46	0.106	0.14
W130372		560	12.9	141.5	0.003	0.80	0.82	7.7	1	2.4	94.1	0.35	0.09	18.70	0.168	0.60
W130373		400	12.9	115.0	<0.002	0.17	0.50	7.1	1	1.9	126.0	0.90	0.06	13.55	0.220	0.53
W130374		420	13.5	108.5	<0.002	1.27	0.49	6.8	1	1.9	86.6	0.41	<0.05	15.35	0.139	0.49
W130375		500	12.0	115.5	<0.002	0.51	0.32	7.8	1	2.4	90.9	0.31	0.15	13.90	0.160	0.57
W130376		470	8.8	90.5	<0.002	0.08	0.36	8.1	1	2.0	155.5	0.86	<0.05	15.15	0.252	0.45

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CERTIFICATE OF ANALYSIS TB17189072

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
W130052		2.9	24	25.4	11.6	14	271
W130371		2.1	44	2.0	8.0	19	32.3
W130372		4.3	21	21.9	10.4	15	289
W130373		3.1	23	9.8	12.8	18	227
W130374		2.7	24	23.0	10.2	15	221
W130375		2.9	38	28.9	9.7	14	218
W130376		2.9	36	16.2	12.7	19	234

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CERTIFICATE OF ANALYSIS TB17189072

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

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

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

Au-AA23	Au-GRA21	ME-MS61