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: 10-SEP-2017
Account: SUPDIA

CERTIFICATE TB17189055

Project: TPK

This report is for 5 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
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	ICP-AES

To: **NORTHERN SUPERIOR RESOURCES INC**
ATTN: MATT SOOLEY
1351C KELLY LAKE ROAD
UNIT 7
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

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: 10-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17189055

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au g/t 0.005	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	ME-MS61 Cu ppm 0.2
W129855		1.69	0.288	12.55	6.51	3.0	250	1.06	0.57	1.51	3.28	24.9	3.7	56	0.68	7600
W129935		1.81	<0.005	0.22	3.85	1.8	20	0.18	0.04	3.42	0.05	2.21	16.9	20	0.11	81.7
W129936		2.37	3.79	49.0	0.25	20.9	10	<0.05	2.68	1.58	27.7	0.70	73.3	13	<0.05	>10000
W130047		1.32	<0.005	0.12	6.55	1.6	40	0.13	0.72	6.04	0.11	2.88	44.5	273	0.30	170.0
W130298		1.39	<0.005	0.36	0.04	1.8	20	0.08	<0.01	12.35	0.04	1.02	1.1	18	<0.05	11.0

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

Finalized Date: 10-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17189055

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
W129855		2.84	11.35	0.13	2.2	0.444	0.73	12.4	8.4	0.77	324	2.68	3.06	4.4	53.5	610
W129935		4.38	8.09	0.10	0.2	0.030	0.11	0.9	8.1	1.89	694	0.13	0.76	0.5	37.5	120
W129936		5.90	0.68	0.13	<0.1	0.642	0.02	<0.5	1.1	0.14	207	0.16	0.04	0.1	246	<10
W130047		6.51	12.30	0.10	0.5	0.033	0.21	1.2	18.4	4.56	1120	1.22	0.87	0.6	144.0	140
W130298		0.68	0.16	0.08	<0.1	<0.005	0.01	0.6	2.9	7.95	635	0.12	0.02	<0.1	1.4	90

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

Finalized Date: 10-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17189055

Sample Description	Method / Analyte / Units / LOR	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	ME-MS61 U ppm 0.1
W129855		8.8	31.1	<0.002	0.87	0.19	6.4	2	1.1	251	0.38	0.17	5.46	0.231	0.17	1.0
W129935		1.4	1.4	<0.002	0.18	0.12	17.3	1	0.2	59.3	<0.05	<0.05	0.11	0.188	<0.02	<0.1
W129936		1.7	0.4	<0.002	5.25	0.16	2.0	11	0.5	4.4	<0.05	5.08	0.03	0.016	0.26	<0.1
W130047		1.3	7.5	0.002	0.53	0.08	33.3	1	0.2	70.9	<0.05	0.40	0.13	0.254	0.04	0.1
W130298		1.3	0.3	<0.002	<0.01	<0.05	0.1	1	<0.2	39.2	<0.05	<0.05	0.04	<0.005	<0.02	0.3

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

Finalized Date: 10-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17189055

Sample Description	Method Analyte Units LOR	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	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001
W129855		36	0.6	5.7	98	80.2	12	
W129935		122	0.2	7.2	51	8.0		
W129936		8	0.8	0.7	341	0.6	48	3.42
W130047		190	0.4	9.8	68	16.8		
W130298		3	<0.1	0.6	4	<0.5		

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

Finalized Date: 10-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17189055

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.
Ag-OG62 Au-AA23 Cu-OG62 ME-MS61
ME-OG62