ALS Canada Ltd.

2103 Dollarton Hwy
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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: 4-SEP-2017
Account: SUPDIA

CERTIFICATE TB17172093

Project: TPK

This report is for 121 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-AUG-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	
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: NORTHERN SUPERIOR DATA ACCESS
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

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1351C KELLY LAKE ROAD
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CERTIFICATE OF ANALYSIS TB17172093

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
W130051		0.96	0.051		0.34	7.09	35.6	720	1.35	0.34	1.82	0.31	70.9	9.5	42	1.75
W130101		0.83	<0.005		0.01	4.55	0.9	390	0.48	0.14	6.59	0.15	23.7	53.4	505	0.27
W130102		1.40	0.848		0.26	6.53	6480	850	1.46	0.76	0.47	0.07	60.6	4.7	12	0.70
W130103		1.51	0.053		0.18	7.61	77.5	780	1.61	0.96	0.92	0.02	42.7	4.7	11	1.09
W130104		1.05	1.250		58.6	8.72	166.0	700	1.69	5.06	0.57	0.19	18.60	16.4	8	0.86
W130105		0.76	0.182		0.16	7.30	5230	1130	2.04	0.47	0.94	0.02	72.1	9.9	13	1.71
W130106		1.38	0.133		2.60	7.32	76.8	970	2.06	0.92	0.82	0.08	71.5	5.5	15	1.62
W130107		0.60	0.100		0.08	6.83	27.3	800	1.68	0.39	0.72	<0.02	47.8	2.8	10	1.56
W130108		1.45	0.695		0.19	6.55	121.0	730	1.45	0.23	0.65	0.03	59.8	4.6	16	1.08
W130109		1.35	<0.005		0.10	6.86	2.6	930	1.29	0.27	1.06	0.22	64.1	5.2	28	2.64
W130110		1.07	<0.005		0.64	6.61	2.2	860	1.35	1.94	1.09	0.19	49.5	5.0	26	4.32
W130111		1.59	<0.005		0.04	8.31	3.2	330	1.12	0.09	5.05	0.11	74.5	27.3	67	0.95
W130112		1.81	<0.005		0.03	8.13	1.0	520	0.66	0.07	3.16	0.04	43.4	12.0	22	0.58
W130113		2.12	0.013		0.11	6.93	17.2	920	1.59	0.14	1.37	0.03	38.7	6.4	38	1.66
W130114		2.26	0.009		0.03	0.13	8.5	20	<0.05	0.03	0.01	<0.02	0.37	0.5	38	<0.05
W130115		1.93	<0.005		0.08	6.02	19.3	2100	0.66	0.11	1.12	0.08	31.2	5.8	33	1.64
W130116		2.21	>10.0	7.25	0.26	4.50	34.5	1020	0.75	0.07	0.37	0.02	13.05	6.6	18	0.98
W130117		4.01	8.73	10.05	0.09	4.26	20.8	1030	0.64	0.04	0.32	0.06	34.5	4.0	22	0.88
W130118		1.04	0.048		0.10	7.79	27.5	1300	1.61	0.11	1.51	<0.02	27.7	12.0	15	1.93
W130119		0.86	0.612		0.31	6.82	112.5	930	1.63	1.81	0.76	0.02	48.6	4.7	23	1.44
W130120		1.37	1.255		0.48	5.72	231	390	1.38	6.53	0.61	0.02	36.3	9.2	15	1.16
W130121		1.94	<0.005		0.02	7.78	10.6	1110	2.09	0.07	1.45	0.02	83.6	2.3	14	1.38
W130122		1.84	0.112		0.11	6.68	53.3	880	1.24	0.14	0.96	0.07	108.5	3.5	15	1.31
W130123		1.62	0.018		0.05	6.31	30.0	870	1.47	0.09	0.89	<0.02	64.4	2.1	12	1.12
W130124		1.00	0.232		0.06	7.06	1155	870	1.49	0.14	0.90	<0.02	17.70	0.2	9	0.80
W130125		1.36	0.152		0.11	6.88	1735	1020	1.68	0.18	0.50	<0.02	33.7	1.9	9	1.48
W130126		1.82	<0.005		0.02	6.18	17.0	960	1.46	0.07	0.90	<0.02	60.2	3.1	18	1.01
W130127		1.42	0.513		0.09	6.85	12.3	740	1.59	0.26	0.87	<0.02	35.7	2.5	13	1.91
W130128		1.59	>10.0	24.7	1.05	6.68	43.1	1010	1.30	0.25	0.58	<0.02	20.9	9.0	421	0.98
W130129		1.61	0.452		0.06	6.87	1570	870	1.49	0.12	0.86	<0.02	13.20	1.9	12	1.27
W130131		0.81	0.376		0.05	4.10	40.0	440	0.93	0.09	0.70	0.02	28.3	3.9	14	1.06
W130132		0.69	0.163		0.07	7.23	60.9	860	1.30	0.07	1.04	0.03	63.9	3.8	15	1.58
W130133		1.28	0.024		0.07	7.43	13.7	1020	1.63	0.08	0.92	<0.02	22.1	6.5	17	1.83
W130134		1.18	0.225		0.05	6.97	83.1	680	1.63	0.12	0.98	<0.02	10.15	3.0	11	1.28
W130135		1.17	1.645		0.07	5.83	91.6	600	0.94	0.09	0.68	<0.02	15.30	1.1	9	1.06
W130136		1.82	0.547		0.13	6.77	55.9	630	1.37	0.57	1.10	<0.02	26.8	2.8	17	2.16
W130137		2.29	<0.005		0.03	4.58	18.0	850	1.06	0.05	0.35	0.04	43.5	2.9	15	1.25
W130138		2.06	0.006		0.05	6.76	13.1	630	1.39	0.06	0.61	<0.02	27.3	5.8	13	1.72
W130139		1.50	0.168		0.13	7.12	120.0	670	1.27	0.14	1.52	0.05	43.9	6.6	37	1.42
W130140		1.22	0.393		0.07	7.41	2120	750	1.51	0.10	1.23	0.05	48.1	4.4	15	1.99

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1351C KELLY LAKE ROAD
UNIT 7
SUDBURY ON P3E 5P5

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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
W130051		20.2	2.63	16.85	0.12	4.2	0.037	2.23	37.5	25.5	0.89	389	0.24	3.15	9.0	26.2
W130101		16.2	7.20	11.45	0.07	1.0	0.052	0.53	9.7	14.1	9.19	1660	0.13	1.45	1.8	297
W130102		7.0	2.63	18.05	0.11	6.1	0.052	3.36	30.7	21.7	0.34	236	2.49	1.58	7.7	4.8
W130103		141.0	4.18	18.20	0.10	6.6	0.039	2.20	22.1	12.8	0.32	345	0.87	3.00	14.1	3.8
W130104		7840	3.48	18.60	0.08	7.5	0.272	2.82	11.6	17.3	0.18	211	3.24	4.36	9.8	3.1
W130105		21.0	2.53	18.40	0.12	6.5	0.047	3.17	36.9	10.9	0.32	334	1.09	2.67	14.1	3.9
W130106		712	3.61	18.90	0.12	6.4	0.190	3.30	36.1	14.9	0.29	341	1.67	2.07	13.6	2.9
W130107		29.1	4.86	17.95	0.09	6.2	0.022	1.74	26.3	10.3	0.33	229	0.81	2.96	13.0	2.3
W130108		4.9	2.62	17.95	0.11	5.7	0.048	2.87	31.9	24.8	0.28	149	1.83	2.77	6.1	4.3
W130109		11.1	1.81	15.50	0.12	4.4	0.024	3.40	36.3	19.9	0.50	304	0.53	2.84	10.7	13.4
W130110		7.5	1.80	15.60	0.11	4.7	0.030	3.19	26.8	20.4	0.50	279	0.47	2.68	10.8	13.1
W130111		39.9	5.97	20.1	0.14	2.6	0.055	0.94	35.3	17.3	2.43	904	0.49	2.96	10.5	62.3
W130112		38.5	3.19	19.55	0.11	1.8	0.028	1.59	22.4	19.2	1.15	481	0.15	2.85	4.2	20.2
W130113		29.9	2.33	18.75	0.11	4.4	0.039	2.53	17.8	15.3	0.79	305	0.49	2.70	9.6	18.2
W130114		9.0	0.39	0.44	0.05	0.1	<0.005	0.06	<0.5	0.7	0.01	28	0.31	0.01	0.2	1.5
W130115		22.6	1.40	9.12	0.12	2.1	0.015	4.93	16.7	14.9	0.45	232	3.00	1.48	7.9	20.1
W130116		65.2	1.98	9.69	0.09	3.1	0.034	1.91	6.7	8.7	0.18	157	2.10	1.98	6.3	7.4
W130117		36.2	1.46	8.66	0.11	2.9	0.020	2.00	18.3	11.8	0.20	149	1.96	1.74	5.5	5.4
W130118		23.1	2.75	22.7	0.11	6.3	0.064	3.18	10.6	12.5	0.49	397	4.95	2.98	14.7	5.2
W130119		76.5	2.60	15.95	0.14	5.8	0.045	2.74	24.8	10.5	0.30	330	2.49	2.72	12.6	3.8
W130120		201	4.05	14.50	0.10	4.8	0.053	1.01	17.5	9.3	0.29	258	1.76	2.79	8.9	3.7
W130121		2.2	1.94	16.70	0.17	6.2	0.019	2.68	40.7	13.3	0.40	386	8.24	3.04	15.7	3.1
W130122		14.3	1.84	15.95	0.16	5.3	0.023	2.98	57.5	8.6	0.28	446	0.85	2.62	10.8	4.3
W130123		14.0	1.64	16.15	0.11	5.9	0.025	2.66	32.4	7.9	0.22	198	10.60	2.38	11.2	2.1
W130124		2.4	1.52	17.00	0.09	6.3	0.029	3.06	13.7	10.0	0.22	187	1.58	2.55	7.5	0.8
W130125		18.7	2.90	21.3	0.11	5.4	0.049	3.60	27.4	23.9	0.28	119	2.45	1.65	7.0	1.0
W130126		0.8	2.58	15.10	0.11	4.7	0.018	3.02	31.8	7.9	0.39	297	2.31	2.32	10.0	4.0
W130127		48.9	1.73	18.65	0.10	6.0	0.043	2.71	16.0	10.9	0.29	265	1.90	2.95	12.3	3.2
W130128		56.9	2.76	19.05	0.09	5.9	0.047	3.32	11.9	6.0	0.22	180	4.49	2.34	8.2	160.0
W130129		5.3	2.19	18.95	0.09	6.3	0.052	2.95	8.0	11.7	0.37	238	1.31	2.66	4.3	1.8
W130131		17.4	1.74	10.65	0.10	3.2	0.029	1.30	13.2	8.1	0.28	226	0.82	1.62	6.1	2.2
W130132		13.6	2.10	17.00	0.11	6.0	0.038	2.67	31.5	10.6	0.36	435	1.09	3.06	12.8	4.5
W130133		61.2	2.45	17.50	0.08	6.1	0.026	3.15	12.6	14.1	0.35	286	1.53	2.98	13.1	2.2
W130134		5.4	2.01	18.10	0.08	5.9	0.042	2.20	4.8	11.7	0.38	191	1.39	3.14	5.5	2.6
W130135		6.0	1.55	13.95	0.07	5.4	0.032	1.94	8.5	5.9	0.23	218	0.79	2.86	9.5	1.3
W130136		2.3	2.23	16.75	0.08	6.1	0.047	2.23	13.8	18.2	0.42	282	1.13	2.85	10.1	4.2
W130137		35.6	1.31	11.05	0.10	4.3	0.019	2.15	22.5	10.0	0.16	173	1.14	1.88	8.5	3.0
W130138		104.5	2.05	16.60	0.08	5.8	0.033	2.29	12.7	10.0	0.25	249	1.55	3.25	12.7	3.5
W130139		3.5	2.47	17.00	0.11	4.5	0.030	2.11	22.0	23.8	0.71	381	0.56	2.91	9.7	18.1
W130140		9.0	2.90	17.75	0.11	5.7	0.036	2.51	25.1	15.1	0.55	510	1.35	2.92	11.6	5.5

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Finalized Date: 4-SEP-2017
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CERTIFICATE OF ANALYSIS TB17172093

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
W130051		560	44.4	80.5	<0.002	0.84	0.27	7.3	1	1.9	171.0	0.77	0.11	12.15	0.262	0.49
W130101		600	2.7	18.5	<0.002	0.03	0.12	31.7	1	0.7	386	0.11	<0.05	0.43	0.201	0.12
W130102		350	12.4	126.5	<0.002	1.14	2.55	6.0	1	2.8	60.3	0.55	<0.05	14.45	0.195	0.64
W130103		400	8.8	98.5	<0.002	1.70	0.80	7.0	1	4.6	116.5	1.16	<0.05	16.30	0.225	0.45
W130104		420	22.8	127.0	<0.002	1.88	3.79	8.0	1	7.2	91.8	0.84	<0.05	18.45	0.190	0.73
W130105		410	7.7	119.5	<0.002	0.25	3.97	6.7	1	4.1	119.5	1.11	<0.05	13.80	0.229	0.63
W130106		350	17.0	134.5	<0.002	0.86	1.08	7.6	1	3.5	85.7	1.15	<0.05	15.80	0.220	0.91
W130107		420	9.0	90.1	<0.002	0.58	0.39	6.4	<1	2.7	88.2	1.06	0.06	13.85	0.204	0.42
W130108		370	16.7	110.5	<0.002	1.99	0.64	6.1	1	2.0	73.2	0.54	0.08	13.65	0.144	0.53
W130109		390	21.8	134.5	<0.002	0.07	0.13	4.5	1	1.8	150.0	1.04	<0.05	15.30	0.210	0.79
W130110		380	44.2	133.5	<0.002	0.06	0.22	4.7	1	2.1	148.0	1.04	0.12	13.80	0.212	0.80
W130111		1660	8.9	29.8	<0.002	0.06	0.16	18.8	1	1.3	448	0.70	<0.05	3.23	0.585	0.21
W130112		680	5.7	41.5	<0.002	0.01	0.07	7.6	1	0.7	454	0.39	<0.05	4.05	0.297	0.30
W130113		460	15.2	90.0	<0.002	0.20	0.18	6.7	1	2.2	168.5	1.11	0.05	13.30	0.242	0.50
W130114		10	0.8	1.5	<0.002	0.05	0.15	0.2	<1	<0.2	1.2	<0.05	<0.05	0.19	0.006	<0.02
W130115		320	25.6	105.0	0.002	0.06	0.15	3.4	1	0.9	162.5	1.23	<0.05	6.82	0.138	0.55
W130116		320	24.0	60.7	<0.002	0.30	0.39	4.0	<1	0.8	109.0	0.51	0.08	6.63	0.167	0.27
W130117		290	7.4	59.3	<0.002	0.08	0.32	3.8	<1	0.8	98.5	0.43	<0.05	7.18	0.148	0.28
W130118		760	17.7	102.0	<0.002	0.39	0.22	9.2	1	2.6	172.0	1.18	<0.05	13.20	0.370	0.51
W130119		380	9.7	102.5	<0.002	0.32	0.97	6.6	1	3.9	118.0	1.02	<0.05	13.30	0.215	0.66
W130120		280	6.6	59.6	<0.002	1.58	1.26	6.3	1	4.0	81.2	0.75	0.07	11.70	0.164	0.42
W130121		700	7.0	89.0	<0.002	0.01	0.29	6.4	1	1.6	256	1.01	<0.05	14.40	0.305	0.39
W130122		370	15.2	100.5	<0.002	0.26	1.23	6.7	1	2.2	153.0	0.79	0.05	13.00	0.206	0.66
W130123		360	11.0	95.2	0.002	0.10	0.52	6.4	1	2.4	142.0	0.87	<0.05	12.70	0.188	0.49
W130124		400	13.5	113.0	<0.002	0.05	1.99	6.7	1	2.8	88.1	0.62	<0.05	15.65	0.183	0.58
W130125		300	12.3	145.0	<0.002	0.33	0.87	6.8	<1	4.2	74.2	0.62	0.40	13.25	0.161	0.71
W130126		520	6.3	159.0	<0.002	0.01	0.48	6.8	2	3.0	115.5	0.70	<0.05	11.65	0.204	0.86
W130127		400	12.8	101.5	<0.002	0.40	0.25	6.9	1	2.8	92.5	1.08	<0.05	14.25	0.221	0.51
W130128		420	20.3	113.5	0.002	0.97	0.28	7.0	1	3.0	98.9	0.61	0.06	14.00	0.184	0.49
W130129		490	12.1	113.5	<0.002	0.58	0.96	7.5	<1	2.0	83.8	0.38	<0.05	15.30	0.146	0.54
W130131		270	10.3	60.3	<0.002	0.42	0.31	4.5	1	1.2	54.8	0.50	<0.05	8.16	0.131	0.30
W130132		480	16.8	102.5	<0.002	0.26	0.48	7.4	1	1.9	118.5	1.05	<0.05	12.95	0.251	0.53
W130133		470	13.5	118.0	<0.002	0.22	0.26	7.8	1	2.2	122.5	1.10	0.07	15.25	0.251	0.67
W130134		470	12.3	93.4	<0.002	0.69	0.53	7.5	1	1.8	91.6	0.50	<0.05	14.90	0.173	0.46
W130135		420	14.2	69.4	<0.002	0.18	0.27	4.5	1	1.4	80.8	1.09	<0.05	25.6	0.185	0.35
W130136		620	11.1	97.0	<0.002	0.50	0.38	7.6	1	4.7	103.5	0.88	<0.05	13.80	0.265	0.59
W130137		240	12.1	81.5	<0.002	0.03	0.38	4.5	1	1.0	94.0	0.77	<0.05	12.85	0.132	0.36
W130138		390	13.8	94.8	0.002	0.14	0.35	7.1	1	2.4	98.9	1.01	0.05	15.30	0.206	0.45
W130139		570	18.9	86.4	<0.002	0.42	0.50	7.6	1	1.8	164.5	0.80	0.06	12.95	0.275	0.54
W130140		670	15.9	99.3	<0.002	0.53	1.71	8.4	1	2.0	187.5	0.98	<0.05	14.75	0.312	0.60

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

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

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001
W130051		1.8	53	32.5	16.6	69	162.5		
W130101		0.1	120	0.4	12.2	111	24.9		
W130102		3.6	23	15.8	23.3	25	236		
W130103		3.0	22	5.1	15.6	20	244		
W130104		4.0	19	11.7	18.2	26	282	55	
W130105		3.2	22	3.2	15.9	22	245		
W130106		3.4	20	8.2	16.3	35	238		
W130107		1.3	20	5.4	10.9	15	230		
W130108		2.7	23	20.6	16.0	26	214		
W130109		2.1	29	3.3	13.6	47	153.0		
W130110		2.2	31	2.2	13.7	46	168.0		
W130111		0.8	177	0.3	23.0	96	99.7		
W130112		0.8	67	0.1	7.7	63	70.9		
W130113		2.3	54	22.6	15.5	36	158.5		
W130114		0.1	2	0.2	0.1	<2	2.8		
W130115		1.1	24	13.2	14.0	26	75.6		
W130116		1.1	23	1.1	6.6	20	118.5		
W130117		1.2	22	1.0	8.7	19	113.0		
W130118		2.5	62	17.2	19.9	36	235		
W130119		2.9	21	3.6	16.5	26	216		
W130120		2.5	20	5.8	13.0	22	170.0		
W130121		3.0	31	2.7	16.3	32	228		
W130122		2.0	20	15.8	18.9	45	198.5		
W130123		2.4	19	4.4	12.8	16	214		
W130124		3.2	20	7.8	10.5	23	232		
W130125		2.4	23	20.7	6.9	20	194.0		
W130126		2.0	27	1.6	19.6	27	165.0		
W130127		3.3	23	24.6	16.1	16	215		
W130128		2.8	28	22.3	12.1	15	217		
W130129		3.2	26	30.8	10.2	23	227		
W130131		1.7	17	18.2	10.5	23	121.0		
W130132		2.7	27	18.4	19.9	39	223		
W130133		3.3	28	15.4	14.0	23	227		
W130134		3.0	26	19.0	15.4	25	211		
W130135		5.1	24	14.8	14.0	20	151.0		
W130136		2.9	35	28.2	18.3	35	217		
W130137		1.6	12	4.1	9.3	21	147.5		
W130138		2.7	22	1.9	10.5	24	207		
W130139		1.7	48	6.2	15.9	54	168.0		
W130140		3.7	49	6.5	21.1	56	214		

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

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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
W130151		0.47	0.009		0.02	6.12	7.2	180	0.53	0.06	5.64	0.02	48.1	32.9	2	0.27
W130152		0.41	<0.005		0.03	8.72	15.3	170	0.63	0.09	5.52	0.06	41.1	31.3	7	0.39
W130153		0.56	0.167		7.41	9.02	386	210	1.44	91.5	0.23	0.04	49.8	46.3	7	1.01
W130154		0.38	0.053		0.86	6.89	55.3	900	1.38	0.94	0.56	<0.02	8.63	6.6	8	1.67
W130155		0.59	0.076		0.74	7.11	1135	930	1.63	3.14	0.65	0.06	78.4	5.7	17	1.44
W130156		0.58	0.045		0.16	6.92	127.0	820	1.83	0.13	0.71	0.27	65.9	3.0	11	1.27
W130157		0.63	0.041		0.33	7.48	4.1	1270	1.40	1.09	0.36	<0.02	66.2	10.1	12	1.51
W130158		0.96	1.315		0.04	6.25	91.5	750	0.96	0.32	0.40	0.02	88.7	1.8	11	0.73
W130159		0.46	<0.005		0.06	6.78	3.5	810	1.53	0.24	1.17	0.11	46.2	5.6	26	3.78
W130160		0.68	0.005		0.02	7.66	1.2	680	1.05	0.09	2.23	0.06	32.6	8.9	24	1.73
W130161		0.99	<0.005		0.02	6.05	0.7	560	1.06	0.04	0.65	0.02	98.8	1.5	20	0.58
W130162		0.59	0.013		0.30	7.07	22.1	670	1.32	1.32	1.69	0.05	43.4	5.7	42	1.39
W130163		0.73	<0.005		0.02	7.11	1.6	250	1.53	0.22	1.91	<0.02	22.3	9.0	14	1.27
W130164		1.35	0.012		0.02	6.98	3410	1120	1.38	0.09	0.60	<0.02	122.5	15.9	12	4.08
W130165		0.80	7.99	5.99	0.06	2.30	29.4	730	0.36	0.04	0.11	0.04	11.95	2.2	28	0.51
W130166		2.79	2.64		0.08	6.96	20.2	790	1.44	0.06	0.81	0.04	72.8	7.9	19	2.27
W130167		1.20	0.009		0.14	7.38	43.8	910	1.46	0.09	0.94	0.05	90.1	6.0	14	1.97
W130168		0.79	0.838		0.07	7.10	511	940	1.55	0.06	0.90	0.11	38.7	5.3	15	1.80
W130169		0.51	0.009		0.11	4.87	37.6	860	1.11	0.09	1.37	0.02	8.33	51.5	10	0.64
W130170		1.14	0.013		0.15	7.45	19.6	770	1.26	0.19	0.89	0.03	120.0	7.1	15	2.87
W130171		1.14	0.683		0.33	6.39	93.5	1080	2.01	0.19	0.75	<0.02	14.75	6.9	7	1.00
W130172		0.41	<0.005		0.03	1.41	13.5	280	0.46	0.02	0.05	<0.02	28.5	0.8	20	0.22
W130173		0.53	0.076		0.02	7.57	6.8	710	1.40	0.03	1.40	<0.02	64.2	10.0	13	1.88
W130174		1.46	0.251		0.10	5.56	22.3	630	1.19	0.30	0.65	<0.02	15.70	7.3	20	1.52
W130175		0.92	0.549		0.06	6.82	42.1	810	1.48	0.22	0.53	<0.02	19.75	2.9	11	1.06
W130176		1.16	0.105		0.15	7.17	193.0	850	1.26	0.08	1.00	0.03	62.3	2.8	14	1.23
W130177		0.61	1.295		0.14	7.42	129.0	1000	1.36	0.08	0.85	<0.02	14.70	4.4	11	1.83
W130178		0.73	0.635		0.27	7.00	36.4	690	1.48	0.09	0.85	0.03	46.4	2.6	14	1.14
W130179		0.87	0.013		0.04	7.44	16.6	910	1.32	0.04	1.34	<0.02	50.8	10.5	15	1.09
W130180		0.89	0.103		0.04	6.75	118.0	630	1.15	0.05	0.93	0.15	81.4	3.6	21	0.88
W130201		1.02	0.065		0.06	7.33	19.7	930	1.60	0.11	0.77	<0.02	71.4	2.9	13	1.06
W130202		1.23	0.146		0.43	7.42	186.5	1030	1.48	0.42	0.72	<0.02	102.0	2.8	14	0.68
W130203		0.84	0.624		0.21	7.23	868	1010	1.83	1.27	0.83	<0.02	65.7	2.3	11	1.60
W130204		2.07	0.224		0.82	7.01	625	880	1.58	1.58	0.81	<0.02	34.9	4.6	12	0.80
W130205		1.20	0.402		0.20	7.47	70.0	1160	2.12	0.07	0.77	<0.02	10.95	2.4	10	1.21
W130206		1.14	0.111		0.16	6.29	282	530	1.41	0.06	0.22	0.22	73.3	0.6	12	1.41
W130207		0.77	0.038		0.04	6.66	28.9	580	1.60	0.25	0.36	<0.02	107.5	1.4	11	1.46
W130208		0.93	0.354		0.16	7.03	83.5	740	1.56	0.08	0.79	0.04	69.0	3.7	13	1.54
W130209		1.05	0.533		0.04	7.08	187.0	1280	1.89	0.26	0.89	<0.02	101.0	7.1	12	1.89
W130210		0.69	0.159		0.61	9.33	41.0	1430	2.14	1.00	0.87	0.08	109.0	39.4	10	2.70

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

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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
W130151		25.2	11.80	17.00	0.13	1.8	0.076	0.61	21.2	6.9	2.39	2310	2.87	1.59	7.7	5.7
W130152		33.3	10.55	21.1	0.07	1.8	0.043	0.54	18.7	8.1	1.51	1540	0.38	2.72	4.9	16.4
W130153		1150	8.52	20.1	0.11	7.9	0.161	3.08	21.8	18.5	0.32	244	1.67	3.07	11.9	7.7
W130154		32.5	2.57	18.30	0.07	5.9	0.067	3.09	6.1	6.3	0.20	235	0.96	2.99	12.9	1.6
W130155		98.0	2.78	17.70	0.13	6.4	0.044	3.03	39.4	9.1	0.26	281	0.85	2.88	13.2	3.8
W130156		5.2	2.08	17.35	0.13	5.3	0.052	2.41	35.7	17.4	0.34	250	1.83	2.64	11.5	2.8
W130157		358	2.40	22.1	0.12	7.8	0.181	3.99	33.7	55.0	0.26	196	1.72	0.68	16.2	2.3
W130158		6.6	1.29	16.05	0.11	3.4	0.025	2.74	46.0	11.9	0.18	134	0.99	2.82	4.4	1.8
W130159		9.4	1.88	15.95	0.12	4.5	0.028	2.77	22.8	20.2	0.55	312	0.38	2.67	9.8	14.3
W130160		5.4	2.53	21.1	0.08	1.8	0.027	1.62	15.6	26.3	0.83	459	0.28	3.18	3.4	12.9
W130161		4.6	1.56	17.90	0.17	6.7	0.035	2.82	44.9	8.4	0.15	320	0.12	2.55	11.8	3.6
W130162		50.2	2.51	16.95	0.10	4.6	0.166	2.25	22.0	25.6	1.06	518	0.28	2.25	7.3	17.0
W130163		17.6	2.84	17.45	0.07	4.0	0.048	1.09	10.1	19.5	0.72	281	0.21	2.83	14.7	8.8
W130164		4.5	4.91	16.90	0.16	5.9	0.063	3.39	62.0	26.4	0.30	390	2.90	1.26	12.6	3.5
W130165		44.7	1.11	4.34	0.07	1.6	0.019	1.38	6.3	5.7	0.08	96	1.06	0.79	2.8	3.9
W130166		26.5	2.16	16.10	0.14	5.3	0.016	2.79	37.9	24.6	0.41	298	1.34	3.19	10.6	7.2
W130167		28.6	2.18	17.35	0.14	6.1	0.038	2.86	42.6	17.0	0.35	335	2.19	3.29	13.3	9.9
W130168		38.1	2.91	15.55	0.10	5.7	0.019	3.17	20.1	10.9	0.29	261	1.46	2.72	12.9	2.5
W130169		256	5.71	9.68	0.08	4.1	0.013	3.83	4.0	4.8	0.14	410	16.25	1.13	25.1	40.0
W130170		66.1	5.03	21.7	0.17	6.6	0.041	2.43	57.5	10.8	0.48	378	1.17	2.85	16.1	5.8
W130171		89.1	2.19	16.65	0.07	5.5	0.028	2.79	9.4	7.8	0.20	105	109.0	2.43	13.5	7.4
W130172		2.1	0.69	2.80	0.05	0.7	0.006	0.99	13.1	2.0	0.05	60	1.54	0.42	2.0	0.6
W130173		35.9	2.97	16.95	0.11	5.4	0.027	2.23	25.2	13.2	0.58	355	1.80	3.28	13.0	6.8
W130174		26.2	2.68	12.35	0.06	4.8	0.029	2.00	8.5	10.1	0.29	139	1.39	2.35	6.1	2.1
W130175		3.3	2.15	17.35	0.06	5.6	0.045	2.79	11.4	9.8	0.26	119	3.49	3.23	6.4	2.9
W130176		14.9	2.09	16.30	0.10	5.7	0.023	3.11	29.5	14.4	0.33	361	1.30	2.96	13.4	2.6
W130177		9.2	2.19	16.85	0.07	5.6	0.035	3.61	7.0	11.1	0.27	316	1.59	2.93	10.6	1.4
W130178		28.8	2.24	14.75	0.09	5.1	0.044	2.41	22.4	11.6	0.33	334	1.02	2.89	9.4	4.0
W130179		78.6	3.01	16.00	0.09	5.7	0.022	2.52	23.9	6.6	0.44	263	1.33	2.84	13.4	4.8
W130180		7.7	1.74	14.80	0.13	5.4	0.038	2.02	39.8	9.8	0.32	314	1.13	3.21	11.4	4.3
W130201		42.8	2.03	17.00	0.11	5.4	0.017	2.65	35.3	9.1	0.29	169	1.88	3.26	12.6	1.9
W130202		14.9	2.10	16.75	0.14	5.8	0.026	3.60	53.8	8.4	0.24	300	0.83	2.35	6.4	1.3
W130203		60.8	2.29	16.50	0.11	6.1	0.054	3.12	38.1	8.2	0.25	311	1.02	2.83	13.3	1.4
W130204		138.0	2.23	15.95	0.09	5.9	0.032	2.91	15.4	9.3	0.24	364	0.73	2.49	12.7	2.1
W130205		19.1	2.52	19.45	0.07	6.4	0.034	3.32	4.7	9.3	0.33	187	1.66	2.75	13.1	1.5
W130206		2.6	0.94	16.00	0.12	4.8	0.037	3.54	34.2	12.9	0.07	188	1.31	2.54	15.6	0.6
W130207		12.3	1.52	16.50	0.14	5.0	0.021	2.05	52.4	13.3	0.14	115	0.89	3.60	14.1	1.0
W130208		3.0	1.93	17.05	0.12	5.4	0.034	2.69	33.9	15.7	0.31	261	0.86	2.87	7.1	4.7
W130209		30.7	2.09	16.55	0.13	5.8	0.056	2.68	49.9	22.2	0.27	302	1.48	2.86	12.2	5.6
W130210		540	5.73	19.60	0.19	7.8	0.025	5.07	52.8	20.6	0.34	258	0.64	3.39	14.1	8.1

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Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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
W130151		4650	1.4	24.6	0.002	0.06	0.47	94.6	2	1.2	304	0.53	<0.05	2.53	1.950	0.14
W130152		3000	3.9	18.2	<0.002	0.06	1.12	45.1	1	0.8	507	0.33	<0.05	2.31	1.760	0.11
W130153		370	19.5	155.5	<0.002	5.30	1.06	8.7	2	8.5	40.9	1.12	0.05	20.5	0.212	0.70
W130154		310	41.7	112.5	<0.002	0.46	0.93	6.6	<1	4.7	81.8	1.09	<0.05	13.75	0.201	0.76
W130155		360	18.2	111.5	<0.002	0.75	1.76	7.2	1	3.6	86.0	1.10	<0.05	17.00	0.208	0.74
W130156		370	17.4	97.0	<0.002	0.58	0.68	7.0	1	1.9	116.0	0.91	<0.05	14.65	0.204	0.56
W130157		390	7.9	169.0	<0.002	0.51	0.20	8.6	1	7.4	25.3	1.25	0.10	18.60	0.245	0.73
W130158		150	11.6	86.5	<0.002	0.35	0.30	2.9	1	1.7	67.4	0.56	<0.05	23.8	0.091	0.40
W130159		400	18.6	117.0	<0.002	0.07	0.10	5.7	1	1.7	165.5	0.95	<0.05	14.05	0.212	0.73
W130160		630	10.2	44.7	<0.002	<0.01	0.97	6.3	<1	0.7	490	0.26	<0.05	4.08	0.249	0.33
W130161		80	11.1	69.5	<0.002	0.01	0.05	4.1	1	1.3	49.2	0.46	<0.05	12.60	0.072	0.32
W130162		560	11.8	62.2	<0.002	0.62	0.13	8.1	1	2.8	217	0.81	<0.05	13.10	0.231	0.33
W130163		630	4.7	37.8	<0.002	0.03	0.08	6.2	1	3.9	156.5	1.21	<0.05	2.90	0.236	0.17
W130164		340	7.8	175.5	<0.002	0.19	0.49	7.1	1	6.1	80.8	1.01	0.16	15.55	0.200	1.27
W130165		150	11.3	40.5	<0.002	0.08	0.35	1.5	<1	0.4	57.0	0.21	<0.05	4.65	0.076	0.21
W130166		530	11.9	98.9	<0.002	0.10	0.31	6.4	1	1.4	156.5	0.89	<0.05	13.60	0.262	0.49
W130167		620	22.7	102.0	<0.002	0.21	0.51	7.0	1	2.0	179.0	1.11	<0.05	13.75	0.302	0.56
W130168		400	81.2	119.0	<0.002	0.27	0.48	5.8	1	2.0	107.0	1.17	0.05	14.75	0.228	0.56
W130169		300	7.2	108.5	<0.002	1.77	0.78	2.3	2	2.0	100.5	2.10	0.14	1.51	0.168	0.48
W130170		200	10.3	141.5	<0.002	1.01	0.92	10.1	2	4.7	120.0	1.27	0.07	14.45	0.238	0.80
W130171		200	17.3	95.0	0.012	0.66	1.49	5.2	1	2.2	145.5	1.50	0.15	18.60	0.107	0.82
W130172		90	3.4	33.4	<0.002	0.13	0.40	2.1	<1	0.5	21.3	0.16	<0.05	21.3	0.031	0.21
W130173		750	7.4	90.0	<0.002	0.24	0.28	9.2	1	1.7	230	1.06	0.05	11.75	0.335	0.46
W130174		360	8.7	80.9	<0.002	1.25	0.45	5.3	1	1.4	78.8	0.53	0.06	10.15	0.146	0.39
W130175		390	12.7	101.0	<0.002	0.99	0.61	6.0	1	2.7	79.2	0.66	0.09	14.10	0.147	0.46
W130176		410	21.7	111.5	<0.002	0.34	0.51	6.8	1	1.9	105.5	1.22	<0.05	15.95	0.216	0.58
W130177		420	22.1	134.5	<0.002	0.32	0.42	6.9	1	1.2	142.5	0.86	<0.05	12.25	0.226	0.69
W130178		430	18.2	95.8	<0.002	0.53	0.54	6.1	1	2.0	93.2	0.82	0.11	12.35	0.207	0.43
W130179		680	9.4	87.3	<0.002	0.64	0.26	8.5	1	1.9	110.5	1.20	0.10	12.70	0.306	0.36
W130180		460	12.3	77.6	<0.002	0.44	0.47	7.1	1	1.6	81.6	0.91	<0.05	13.15	0.230	0.35
W130201		370	8.4	91.6	<0.002	0.16	0.66	7.2	1	2.0	128.0	0.97	0.07	13.15	0.211	0.44
W130202		440	28.9	117.0	<0.002	0.74	1.32	7.4	1	2.7	128.5	0.51	0.19	14.40	0.184	0.67
W130203		390	13.9	121.5	<0.002	0.34	1.02	7.0	1	4.2	84.0	1.09	0.06	13.25	0.223	0.70
W130204		380	19.7	104.0	<0.002	0.95	1.39	7.2	1	3.4	127.0	1.04	0.17	14.40	0.216	0.58
W130205		410	11.8	123.5	<0.002	0.23	0.24	8.4	1	3.0	107.5	1.05	<0.05	13.80	0.236	0.47
W130206		90	43.4	151.0	<0.002	0.19	0.71	4.2	1	2.3	32.5	1.24	<0.05	18.70	0.075	0.78
W130207		280	10.2	82.5	<0.002	0.08	0.57	4.4	1	2.1	91.2	1.69	<0.05	19.45	0.136	0.46
W130208		410	18.9	106.5	<0.002	0.83	0.68	6.3	1	1.8	121.5	0.63	<0.05	14.25	0.182	0.46
W130209		410	8.6	107.5	<0.002	0.21	1.33	6.3	1	3.2	170.0	1.13	<0.05	13.55	0.213	0.45
W130210		510	19.2	209	<0.002	2.46	0.41	10.6	2	3.8	143.5	1.25	0.24	18.60	0.275	1.08

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

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

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001
W130151		0.6	157	1.5	25.2	116	68.8		
W130152		0.5	324	0.6	16.1	76	67.7		
W130153		4.4	24	8.5	23.1	16	269		
W130154		2.8	20	20.4	8.0	12	204		
W130155		3.8	20	22.7	20.4	22	229		
W130156		3.4	21	8.7	16.5	45	194.5		
W130157		3.8	22	17.2	20.2	8	275		
W130158		3.2	15	14.3	8.3	14	96.8		
W130159		2.2	34	1.4	13.2	41	161.0		
W130160		0.8	55	0.3	5.7	64	58.7		
W130161		1.3	7	0.1	19.7	26	183.5		
W130162		2.5	51	2.1	13.5	44	165.5		
W130163		1.1	56	0.1	15.2	41	137.5		
W130164		5.4	20	5.4	21.8	31	213		
W130165		0.7	8	0.6	3.5	13	60.1		
W130166		2.8	37	1.2	17.0	34	199.5		
W130167		3.1	40	1.5	17.7	33	244		
W130168		3.4	19	3.5	15.5	26	223		
W130169		1.2	31	1.6	44.9	12	157.5		
W130170		3.9	30	7.5	25.3	49	254		
W130171		8.0	17	4.3	12.3	15	173.5		
W130172		0.7	5	1.7	6.8	4	27.3		
W130173		2.3	52	25.2	19.7	32	219		
W130174		2.6	17	28.2	11.3	18	199.5		
W130175		2.3	24	23.7	9.8	15	214		
W130176		3.3	21	23.1	22.3	35	214		
W130177		2.7	21	15.5	13.8	34	231		
W130178		2.9	21	13.3	14.1	33	197.0		
W130179		3.4	42	3.8	19.4	17	222		
W130180		2.8	24	14.4	22.7	53	221		
W130201		3.0	21	5.6	17.2	17	215		
W130202		3.3	21	13.4	20.2	21	225		
W130203		2.9	21	12.4	12.7	15	241		
W130204		3.2	21	14.0	12.6	22	236		
W130205		3.4	27	9.0	11.7	15	249		
W130206		4.3	4	3.2	19.0	151	151.5		
W130207		4.2	13	1.7	19.3	10	167.0		
W130208		3.5	29	12.4	17.6	24	211		
W130209		3.1	23	4.5	19.8	22	220		
W130210		4.5	26	6.6	21.0	31	290		

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

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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
W130211		1.07	0.052		0.20	8.01	5.9	590	2.64	0.25	1.05	0.02	41.0	17.1	10	1.16
W130212		0.55	0.220		0.01	7.10	194.5	1070	1.58	0.07	0.90	<0.02	14.20	2.1	9	1.38
W130213		1.17	0.125		0.07	7.08	40.5	860	1.43	0.23	0.74	<0.02	28.2	2.9	10	1.27
W130214		0.56	0.011		0.02	6.91	15.1	1050	1.47	0.07	0.68	<0.02	27.1	0.9	8	1.39
W130215		1.62	0.008		0.05	6.59	87.0	760	0.98	0.05	1.47	0.05	67.0	8.4	49	0.72
W130216		1.13	<0.005		0.01	0.70	3.7	390	0.07	0.01	0.07	<0.02	1.73	0.4	24	0.17
W130217		0.64	<0.005		0.02	9.50	4.3	880	2.94	0.01	2.93	0.06	79.3	7.7	58	2.54
W130218		0.53	<0.005		0.01	3.72	5.7	1560	0.60	0.04	0.27	<0.02	54.2	2.0	16	0.83
W130219		1.02	0.189		0.09	7.21	19.0	1000	1.44	0.07	1.66	0.02	76.1	9.4	42	0.54
W130220		1.08	0.081		0.12	7.55	23.9	1140	1.81	0.32	1.38	0.02	22.7	3.5	13	1.70
W130221		1.62	0.077		0.13	6.49	292	630	1.25	0.09	1.05	0.08	17.55	2.5	12	2.06
W130222		1.71	<0.005		0.02	6.88	4.5	90	0.61	0.03	3.12	0.05	15.35	22.5	20	0.14
W130223		1.54	0.121		0.72	6.10	194.5	680	1.30	0.44	1.15	0.08	27.2	4.4	41	0.84
W130224		1.69	<0.005		0.09	6.25	13.0	260	1.27	0.24	0.38	0.28	21.6	1.0	15	0.28
W130225		1.66	0.157		0.40	7.43	47.1	560	1.41	0.28	1.91	0.13	74.7	11.0	58	1.03
W130226		1.53	0.052		0.22	7.42	47.9	860	2.04	0.46	1.90	0.05	86.9	9.6	57	0.58
W130227		1.50	0.062		0.45	6.34	48.3	630	1.24	0.66	1.36	0.22	48.7	6.8	46	0.94
W130228		1.65	0.010		0.25	7.94	11.8	790	1.73	0.15	2.08	<0.02	26.9	5.9	48	1.41
W130229		0.90	0.038		0.75	3.98	61.7	390	0.81	0.54	0.53	0.19	23.4	1.7	30	0.40
W130230		0.89	0.024		0.60	1.03	12.5	80	0.19	1.10	0.07	<0.02	8.43	1.2	23	0.07
W130351		0.65	<0.005		0.04	7.77	1.1	540	1.22	0.09	2.80	0.05	43.0	13.7	69	2.29
W130352		0.63	<0.005		0.03	8.42	0.9	430	0.84	0.07	4.59	0.08	57.1	25.9	121	2.10
W130452		0.69	0.101		0.21	7.05	21.1	450	1.16	0.77	1.88	0.16	31.0	67.0	76	1.99
W130453		1.38	>10.0	46.9	5.43	1.21	1.0	70	0.18	9.26	0.64	0.08	5.94	1.3	32	0.33
W130454		0.94	0.137		0.14	7.30	3.0	830	0.64	0.25	4.35	0.05	18.45	48.9	164	6.26
W130455		0.54	0.043		0.09	7.41	0.8	200	0.84	0.17	4.28	0.15	34.0	15.4	16	0.75
W130456		0.17	0.014		0.01	8.01	5.6	140	1.27	0.23	2.54	0.02	38.8	41.9	80	0.58
W130457		0.59	0.053		0.03	6.19	0.7	120	0.94	0.14	3.64	0.05	13.85	14.9	137	0.21
W130458		0.89	0.055		0.10	6.03	2.9	360	1.09	0.28	4.01	0.05	61.8	25.5	147	1.12
W130459		0.61	0.125		0.19	7.00	1.2	190	1.07	0.10	1.98	0.09	37.8	10.7	84	2.17
W130460		1.28	0.034		0.05	8.09	4.1	630	1.05	0.17	2.39	0.08	42.7	23.4	86	1.41
W130461		0.84	0.014		0.05	7.51	2.8	590	0.92	0.35	1.22	0.04	19.45	3.1	10	0.88
W130462		0.88	0.969		6.77	8.91	12.6	260	1.51	0.48	4.38	1.39	168.5	33.5	447	1.55
W130463		0.85	0.126		1.92	7.89	3.7	590	1.31	0.17	2.59	0.53	54.1	16.7	82	1.97
W130464		1.26	0.014		0.04	7.68	2.8	150	0.83	0.15	2.68	0.07	39.9	5.2	35	0.85
W130465		1.03	0.761		14.15	7.39	11.4	780	0.60	1.01	2.51	2.07	18.25	41.5	86	1.57
W130466		0.44	4.28		34.5	7.45	3.8	210	0.80	1.22	2.45	7.33	15.35	25.6	76	1.11
W130467		1.12	0.153		1.95	7.28	7.8	530	1.13	0.54	3.21	0.95	29.8	18.6	68	1.44
W130468		0.57	0.006		0.22	6.71	17.8	850	1.04	0.08	1.17	0.05	52.7	6.6	39	1.78
W130469		1.19	<0.005		0.06	7.68	<0.2	310	0.53	0.04	1.93	<0.02	3.52	1.6	12	0.52

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

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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
W130211		316	3.80	17.05	0.09	6.4	0.013	1.49	19.1	8.6	0.16	154	0.59	4.17	10.0	3.5
W130212		3.5	2.02	15.75	0.07	5.6	0.017	3.63	8.3	12.5	0.25	110	2.12	2.26	4.1	1.4
W130213		4.8	1.99	18.15	0.08	6.0	0.048	3.33	14.8	11.1	0.29	190	1.64	2.71	8.4	1.4
W130214		2.7	2.08	20.8	0.07	6.0	0.033	3.49	21.8	24.2	0.22	70	0.75	2.11	5.4	0.4
W130215		10.8	2.19	15.40	0.13	3.9	0.041	2.49	33.9	10.5	0.88	433	0.45	2.76	9.5	28.2
W130216		2.1	0.38	1.14	<0.05	0.3	0.005	0.54	0.8	0.9	0.04	38	0.15	0.15	0.9	1.6
W130217		0.7	2.88	23.4	0.14	6.4	0.052	3.42	34.4	66.3	1.49	579	0.12	3.63	11.3	32.1
W130218		4.7	1.30	7.13	0.09	2.3	0.009	2.00	25.3	9.3	0.22	165	28.0	1.28	4.9	3.2
W130219		19.6	2.52	17.65	0.12	4.6	0.032	2.34	36.3	8.4	0.88	399	1.03	2.55	10.1	21.6
W130220		7.3	2.39	19.00	0.07	5.8	0.038	2.95	11.0	12.3	0.51	299	1.13	2.80	11.2	4.0
W130221		7.0	1.88	15.20	0.07	4.5	0.029	2.34	7.2	13.2	0.40	298	15.85	2.75	9.8	3.6
W130222		20.7	6.23	17.85	0.06	4.2	0.031	0.17	6.5	9.3	1.35	779	0.29	3.09	6.9	3.0
W130223		16.0	2.16	14.95	0.09	3.9	0.035	1.97	16.3	16.7	0.73	286	0.26	2.23	6.1	12.8
W130224		29.5	0.57	13.55	0.08	3.1	0.008	3.76	9.4	2.7	0.04	64	5.79	2.86	11.1	1.2
W130225		59.2	2.78	17.95	0.10	4.6	0.032	1.64	37.1	23.9	0.99	475	0.35	4.09	8.1	36.9
W130226		4.1	2.28	18.20	0.13	4.9	0.030	2.10	44.4	24.4	1.04	456	0.24	2.89	8.4	29.9
W130227		11.4	2.40	14.20	0.10	3.7	0.027	1.82	25.8	20.3	0.83	368	0.26	2.59	5.6	23.0
W130228		16.2	2.47	19.80	0.08	5.4	0.034	1.44	16.7	15.5	0.94	242	0.46	3.34	8.7	14.5
W130229		3.5	1.53	10.30	0.06	2.1	0.034	1.17	13.1	12.8	0.47	181	0.57	1.55	2.5	8.4
W130230		1.3	0.58	2.54	0.06	0.5	0.008	0.23	4.5	2.0	0.10	45	0.34	0.52	0.8	4.0
W130351		20.2	3.55	17.75	0.10	3.7	0.029	1.58	20.6	27.9	1.49	533	2.51	2.81	9.5	44.9
W130352		46.0	5.11	18.90	0.12	2.8	0.042	1.07	26.7	23.6	2.65	839	0.45	2.69	9.2	93.2
W130452		112.5	5.88	15.00	0.07	3.0	0.027	1.58	15.8	11.6	1.44	691	0.39	2.27	5.8	121.0
W130453		2.0	0.71	2.69	<0.05	0.5	<0.005	0.23	2.8	3.0	0.22	195	2.12	0.32	1.5	5.8
W130454		150.0	9.41	15.95	0.08	0.9	0.036	3.94	8.0	24.9	3.43	1660	0.47	0.72	3.8	92.2
W130455		22.6	5.65	19.00	0.08	2.3	0.049	0.76	16.4	9.9	1.50	994	0.36	2.44	10.2	7.3
W130456		10.6	3.50	17.35	0.07	3.7	0.059	0.38	19.0	14.2	1.61	366	0.61	3.77	7.8	61.4
W130457		100.0	3.53	13.65	0.06	3.1	0.057	0.34	5.2	6.0	1.93	831	0.27	2.07	5.1	65.6
W130458		66.5	5.55	13.45	0.10	2.5	0.054	1.04	27.4	13.6	2.45	1620	1.03	1.15	8.7	95.0
W130459		158.5	2.16	13.90	0.08	3.2	0.029	0.82	20.6	7.7	1.18	257	1.39	3.57	5.6	42.9
W130460		10.4	3.69	19.65	0.09	2.9	0.029	1.49	20.7	15.2	1.44	345	5.92	3.39	7.2	47.3
W130461		25.9	1.13	20.5	0.06	2.9	0.013	1.73	10.5	8.7	0.28	153	0.09	3.81	3.1	2.2
W130462		3190	3.80	17.95	0.16	3.7	0.098	1.28	90.0	14.4	1.68	278	2.23	3.60	6.6	49.2
W130463		1140	3.66	17.30	0.09	4.5	0.082	1.71	28.7	14.0	1.57	525	3.41	3.23	8.2	42.1
W130464		15.8	2.28	17.30	0.09	5.4	0.025	0.74	15.6	10.6	0.84	357	0.21	4.32	8.3	22.4
W130465		7680	5.82	16.60	0.06	3.4	0.852	1.67	8.0	12.7	1.96	420	11.00	2.15	6.6	47.4
W130466		>10000	4.85	14.25	0.07	4.4	0.840	0.87	6.3	11.6	1.60	280	40.4	3.36	6.7	84.2
W130467		813	2.91	16.90	0.07	5.9	0.161	1.38	14.4	9.5	1.35	388	1.49	2.29	7.7	36.8
W130468		41.5	2.35	15.10	0.09	3.8	0.027	2.19	27.8	17.8	0.86	350	0.20	2.57	8.9	21.9
W130469		20.7	0.65	14.45	0.06	3.3	<0.005	0.44	2.1	4.7	0.21	78	0.12	4.15	0.5	1.6

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

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

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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
W130211		230	9.1	65.5	<0.002	1.56	0.57	5.6	1	1.6	196.0	0.84	0.05	19.65	0.150	0.31
W130212		390	9.3	140.5	<0.002	0.67	0.49	6.9	1	1.6	108.0	0.31	<0.05	14.25	0.107	0.66
W130213		430	18.4	114.5	<0.002	0.60	0.66	7.0	1	2.8	135.0	0.71	0.06	13.40	0.192	0.57
W130214		340	9.8	140.5	<0.002	0.41	0.27	6.8	1	3.5	92.7	0.38	<0.05	14.35	0.130	0.57
W130215		510	16.2	110.0	<0.002	0.24	0.19	7.5	1	1.9	150.0	0.86	<0.05	10.65	0.247	0.56
W130216		40	8.5	13.2	<0.002	0.01	0.11	0.4	<1	0.2	21.2	0.09	<0.05	0.90	0.015	0.07
W130217		780	27.7	161.5	<0.002	<0.01	0.30	12.6	1	2.6	705	0.96	<0.05	13.70	0.330	1.26
W130218		400	6.4	63.5	<0.002	0.01	0.18	3.9	1	0.7	106.0	0.31	<0.05	6.65	0.149	0.24
W130219		630	21.9	83.0	<0.002	0.46	0.42	9.3	1	2.1	325	0.89	0.08	11.45	0.279	0.42
W130220		680	30.7	105.5	<0.002	0.25	0.31	9.7	1	1.9	179.0	0.94	0.06	13.00	0.327	0.54
W130221		410	47.3	89.6	<0.002	0.06	0.76	6.4	1	1.7	146.5	0.99	<0.05	14.40	0.227	0.50
W130222		980	3.0	7.5	<0.002	0.22	0.45	22.2	1	0.5	145.0	0.49	<0.05	4.65	0.597	0.04
W130223		450	73.6	58.2	<0.002	0.66	0.66	6.5	1	2.2	151.5	0.59	0.17	12.10	0.211	0.29
W130224		50	19.7	68.4	<0.002	0.11	0.22	1.4	1	0.5	56.8	1.94	0.07	20.5	0.038	0.30
W130225		580	15.4	50.7	<0.002	0.99	0.34	8.5	1	2.2	218	0.73	0.08	13.70	0.270	0.30
W130226		640	30.2	59.4	<0.002	0.81	0.32	9.3	1	1.9	175.0	0.95	0.10	13.85	0.263	0.30
W130227		480	38.8	56.6	<0.002	0.83	0.29	6.7	1	1.9	174.0	0.58	0.06	11.00	0.212	0.33
W130228		640	34.4	63.0	<0.002	0.18	0.24	8.7	1	2.2	302	0.94	0.05	15.45	0.278	0.43
W130229		270	134.5	32.0	<0.002	0.42	0.63	4.0	<1	1.4	74.5	0.25	0.07	6.07	0.101	0.16
W130230		70	29.2	6.6	<0.002	0.20	0.17	0.9	<1	0.4	17.3	0.09	0.07	1.67	0.027	0.04
W130351		790	11.3	62.4	<0.002	0.01	0.08	9.6	<1	1.3	312	1.00	<0.05	7.50	0.361	0.39
W130352		1230	5.0	33.2	<0.002	0.03	0.11	19.2	1	1.2	393	0.62	<0.05	3.85	0.513	0.27
W130452		600	10.9	57.9	<0.002	2.62	0.09	10.3	<1	1.3	179.5	0.45	0.31	7.42	0.312	0.43
W130453		110	14.4	10.6	<0.002	0.01	0.11	1.6	<1	0.2	39.0	0.12	24.1	1.07	0.064	0.09
W130454		470	4.5	141.5	<0.002	0.60	0.11	23.3	1	1.4	191.0	0.27	0.21	1.50	0.684	0.90
W130455		1400	7.8	26.1	<0.002	0.01	0.19	13.1	1	1.1	375	0.64	0.13	1.88	0.496	0.16
W130456		580	2.9	11.0	<0.002	0.94	0.16	9.3	1	2.1	384	0.67	0.13	7.28	0.265	0.08
W130457		560	3.7	7.4	<0.002	0.07	0.11	11.2	<1	2.2	287	0.46	<0.05	3.67	0.251	0.03
W130458		1150	4.0	36.9	<0.002	0.55	0.21	13.4	1	1.5	305	0.58	0.07	3.51	0.610	0.15
W130459		260	6.4	31.0	<0.002	0.09	0.11	6.4	1	0.9	296	1.08	<0.05	15.15	0.143	0.22
W130460		770	8.0	42.7	<0.002	1.31	0.09	11.8	1	1.2	410	0.66	0.10	6.77	0.318	0.25
W130461		290	4.7	61.4	<0.002	0.19	0.13	2.1	<1	0.7	289	0.38	0.05	4.77	0.120	0.28
W130462		780	7.1	41.6	<0.002	0.66	0.48	3.2	1	8.2	722	0.71	0.21	6.47	0.306	0.27
W130463		690	7.4	49.4	<0.002	0.15	0.29	9.7	1	2.3	304	0.74	0.05	7.46	0.361	0.30
W130464		550	5.6	22.0	<0.002	0.01	0.47	7.6	1	1.5	297	0.78	<0.05	8.99	0.311	0.12
W130465		1070	13.3	63.8	<0.002	1.18	0.44	10.7	2	9.0	236	0.61	0.70	5.93	0.313	0.34
W130466		370	6.6	35.9	<0.002	2.21	0.34	5.6	4	6.2	278	0.69	1.15	4.07	0.341	0.16
W130467		630	10.6	34.7	<0.002	0.09	0.39	9.8	1	4.9	220	0.65	<0.05	6.34	0.320	0.25
W130468		510	26.3	101.0	<0.002	0.11	0.32	7.0	1	1.4	235	0.69	<0.05	11.35	0.249	0.52
W130469		30	8.9	12.3	<0.002	0.01	<0.05	0.8	<1	0.2	749	0.05	<0.05	0.37	0.063	0.07

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ALS Canada Ltd.

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

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001
W130211		3.0	20	6.7	22.4	20	243		
W130212		3.1	17	6.0	13.2	8	220		
W130213		3.0	26	17.3	13.1	22	229		
W130214		2.6	17	4.7	9.7	7	231		
W130215		2.3	48	3.8	15.6	40	154.5		
W130216		0.3	3	0.1	1.1	6	11.4		
W130217		3.2	79	2.5	17.8	73	246		
W130218		2.3	19	0.6	10.4	19	89.0		
W130219		2.1	55	4.0	21.2	56	178.0		
W130220		2.8	51	17.4	19.9	47	228		
W130221		3.6	37	3.0	16.3	72	161.0		
W130222		1.3	174	0.6	17.1	45	165.0		
W130223		1.9	44	43.2	11.7	65	140.0		
W130224		6.4	4	3.2	11.7	9	62.3		
W130225		2.1	57	44.3	16.3	26	173.0		
W130226		2.3	56	21.5	19.5	28	178.0		
W130227		2.0	45	35.6	12.7	83	136.5		
W130228		3.6	61	30.0	14.9	56	199.5		
W130229		1.3	36	22.4	5.2	85	78.0		
W130230		0.3	9	3.0	1.5	5	18.3		
W130351		1.6	76	0.2	14.6	70	144.0		
W130352		0.9	120	0.4	19.8	74	115.0		
W130452		2.1	82	3.4	7.6	79	102.0		
W130453		0.2	17	0.3	3.2	12	19.0		
W130454		0.4	208	6.0	19.0	144	34.7		
W130455		0.5	82	0.4	16.4	107	103.5		
W130456		1.7	70	1.2	12.8	23	149.5		
W130457		1.1	74	6.2	17.3	47	116.5		
W130458		0.8	109	79.0	15.7	72	106.0		
W130459		3.4	45	1.2	10.1	21	85.0		
W130460		1.3	105	6.2	14.1	54	103.0		
W130461		1.8	16	4.4	2.9	29	104.5		
W130462		1.9	93	5.7	12.8	50	156.0		
W130463		1.6	79	0.7	13.7	81	178.0		
W130464		1.5	55	0.4	16.4	38	215		
W130465		7.9	83	3.2	4.7	111	129.5	17	
W130466		6.3	82	3.4	9.5	162	175.0	37	1.990
W130467		2.1	64	1.0	17.3	161	250		
W130468		1.4	46	0.9	13.1	47	142.0		
W130469		0.4	6	0.1	1.0	14	125.5		

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

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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
W130470		1.41	1.235		1.33	6.72	109.0	670	1.27	3.47	1.47	4.81	32.1	3.3	35	1.96

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Finalized Date: 4-SEP-2017
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CERTIFICATE OF ANALYSIS TB17172093

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	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	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
W130470		15.3	2.53	15.95	0.08	4.2	0.139	2.20	16.8	11.6	0.79	340	0.86	2.42	8.7	11.6

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Finalized Date: 4-SEP-2017
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Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
W130470		520	54.3	76.6	<0.002	0.45	0.30	7.7	1	2.0	165.0	0.85	0.61	11.10	0.252	0.43

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To: **NORTHERN SUPERIOR RESOURCES INC**
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UNIT 7
SUDBURY ON P3E 5P5

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001
W130470		2.2	49	37.8	15.7	843	159.0		

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

Finalized Date: 4-SEP-2017
Account: SUPDIA

Project: TPK

CERTIFICATE OF ANALYSIS TB17172093

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	Au-GRA21	Cu-OG62
ME-MS61	ME-OG62		