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: **LAC DES ILES MINES LTD. (NAP)**
556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 17-MAR-2019
Account: MZI

CERTIFICATE TB19052258

Project: 18-101

P.O. No.: 182449

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 4-MAR-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	DENIS DECHARTE	GARY DESCHUTTER
CLAIRE MCGUINNESS	DAVE PECK	LDIM WEBTRIEVE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Ni-OG62	Ore Grade Ni - Four Acid	
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP61	33 element four acid ICP-AES	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:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB19052258

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppb 1	PGM-ICP23 Pd ppb 1	PGM-ICP23 Pt ppb 5	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1	ME-ICP61 Co ppm 1	ME-ICP61 Mg % 0.01	ME-ICP61 Ag ppm 0.5	Cu-OG62 Cu ppm 10	Ni-OG62 Ni ppm 10
A0126561		1.73	<1	1	<5	1	2	<1	13.45	<0.5		
A0126562		0.08	5120	2050	1330	87	86	63	0.25	1.1		
A0126563		2.74	20	102	13	172	163	34	3.26	<0.5		
A0126564		2.41	18	79	13	193	254	51	4.45	<0.5		
A0126565		2.08	15	92	15	104	237	46	4.62	<0.5		
A0126566		2.30	11	35	8	98	179	37	3.09	<0.5		
A0126567		2.17	14	45	9	126	213	40	3.80	<0.5		
A0126568		2.48	14	64	11	111	214	44	4.12	<0.5		
A0126569		2.20	21	130	15	156	200	41	3.71	<0.5		
A0126570		2.24	8	31	9	105	207	39	4.00	<0.5		
A0126571		2.26	11	48	9	111	178	33	3.16	<0.5		
A0126572		2.19	8	33	9	112	227	50	4.68	<0.5		
A0126573		2.17	9	31	10	143	241	48	4.84	<0.5		
A0126574		2.25	13	56	12	152	278	48	4.97	<0.5		
A0126575		2.22	8	29	9	119	235	49	4.71	<0.5		
A0126576		2.14	13	53	8	104	146	26	2.52	<0.5		
A0126577		1.48	10	46	13	91	192	38	4.22	<0.5		
A0126578		1.45	57	493	45	354	287	16	1.02	<0.5		
A0126579		1.73	29	193	21	122	333	40	4.62	<0.5		
A0126580		1.96	19	51	11	139	229	40	4.43	<0.5		
A0126581		0.08	64	613	293	4420	4650	114	3.78	1.9		
A0126582		2.22	31	178	23	149	268	38	4.60	<0.5		
A0126583		1.55	102	1190	376	472	581	42	3.68	<0.5		
A0126584		1.63	11	50	13	119	169	35	3.94	0.5		
A0126585		1.74	38	302	24	176	131	8	0.66	<0.5		
A0126586		1.65	77	560	43	261	223	10	0.59	<0.5		
A0126587		2.00	21	201	18	269	129	8	0.56	<0.5		
A0126588		1.99	60	575	44	446	266	9	0.56	1.1		
A0126589		2.15	40	377	32	332	180	10	0.63	<0.5		
A0126590		2.07	109	1280	96	490	439	18	0.60	<0.5		
A0126591		2.08	245	1940	145	919	724	20	0.47	<0.5		
A0126592		2.02	110	1320	100	576	437	14	0.50	<0.5		
A0126593		2.22	50	408	30	254	162	8	0.49	<0.5		
A0126594		2.17	138	1160	90	628	404	13	0.51	<0.5		
A0126595		2.12	108	1080	84	662	385	16	0.57	<0.5		
A0126596		2.21	100	1110	84	627	365	14	0.52	<0.5		
A0126597		2.18	151	1060	87	599	454	12	0.48	<0.5		
A0126598		2.07	129	1760	144	624	579	16	0.53	<0.5		
A0126599		2.11	147	1260	95	547	386	12	0.53	<0.5		
A0126600		1.99	151	1700	126	677	597	15	0.53	<0.5		

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CERTIFICATE OF ANALYSIS TB19052258

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppb 1	PGM-ICP23 Pd ppb 1	PGM-ICP23 Pt ppb 5	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1	ME-ICP61 Co ppm 1	ME-ICP61 Mg % 0.01	ME-ICP61 Ag ppm 0.5	Cu-OG62 Cu ppm 10	Ni-OG62 Ni ppm 10
A0126601		1.68	1	2	<5	3	1	<1	13.35	<0.5		
A0126602		1.87	137	1600	120	688	531	17	0.65	<0.5		
A0126603		2.08	79	845	61	671	302	18	0.69	0.5		
A0126604		2.01	103	1680	122	675	523	17	0.53	<0.5		
A0126605		2.05	224	2390	174	923	760	19	0.51	0.5		
A0126606		2.03	232	2400	175	934	798	22	0.57	<0.5		
A0126607		2.07	103	801	56	409	286	9	0.59	<0.5		
A0126608		2.00	137	1400	101	558	476	17	0.70	<0.5		
A0126609		2.12	129	1580	116	612	518	16	0.58	<0.5		
A0126610		2.04	163	1580	113	720	527	15	0.54	<0.5		
A0126611		2.12	167	1700	125	578	503	15	0.56	<0.5		
A0126612		2.07	71	1040	78	393	356	13	0.76	<0.5		
A0126613		2.19	43	576	48	320	207	13	0.70	<0.5		
A0126614		2.18	19	251	15	202	84	7	0.73	<0.5		
A0126615		1.65	35	462	32	133	93	7	0.66	<0.5		
A0126616		1.67	71	1140	80	282	270	12	0.39	<0.5		
A0126617		1.65	13	79	7	306	61	32	2.63	<0.5		
A0126618		2.39	13	67	8	303	70	12	0.95	<0.5		
A0126619		2.94	10	5	<5	217	58	21	1.71	<0.5		
A0126620		2.56	36	653	48	326	246	12	0.41	<0.5		
A0126621		0.08	253	3340	812	>10000	>10000	967	3.90	4.0	16050	46100
A0126622		2.56	31	239	18	231	109	9	0.39	<0.5		
A0126623		2.04	23	209	16	210	127	7	0.66	<0.5		
A0126624		2.15	460	2400	176	1005	818	25	0.84	<0.5		
A0126625		2.03	36	45	<5	287	68	19	1.65	<0.5		
A0126626		2.15	13	36	<5	171	64	21	1.91	<0.5		
A0126627		2.21	60	153	8	767	139	23	1.78	<0.5		
A0126628		2.15	19	238	22	172	170	24	1.68	<0.5		
A0126629		2.22	26	376	26	281	160	18	1.55	<0.5		
A0126630		1.46	32	101	11	172	110	13	1.24	<0.5		
A0126631		2.33	56	100	11	522	112	34	2.53	0.5		
A0126632		2.38	57	415	29	299	255	37	2.63	<0.5		
A0126633		2.24	22	32	<5	194	155	48	4.04	<0.5		
A0126634		2.10	28	19	<5	126	172	47	4.07	<0.5		
A0126635		2.15	5	5	<5	104	174	51	4.49	<0.5		
A0126636		2.27	7	67	6	123	182	55	4.47	<0.5		
A0126637		2.20	3	10	<5	107	178	57	4.64	<0.5		
A0126638		0.07	118	608	292	4430	4270	115	4.03	2.1		

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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-35	PUL-QC	SPL-21	WEI-21

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

Applies to Method:	Cu-OG62	ME-ICP61	ME-OG62	Ni-OG62
	PGM-ICP23			