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-MAY-2019
Account: MZI

CERTIFICATE TB19104850

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 2-MAY-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 TB19104850

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
A0147731		1.26	1	<1	<5	1	2	<1	14.00	<0.5		
A0147732		0.07	5490	2030	1300	88	87	62	0.26	0.9		
A0147733		1.98	7	42	<5	93	354	52	6.18	<0.5		
A0147734		2.03	2	14	<5	80	348	54	6.78	<0.5		
A0147735		2.06	1	<1	<5	52	312	54	7.13	<0.5		
A0147736		1.92	1	41	<5	38	347	53	7.21	<0.5		
A0147737		2.02	<1	57	<5	16	341	50	6.73	<0.5		
A0147738		2.20	1	7	<5	45	317	49	6.86	<0.5		
A0147739		1.78	<1	<1	<5	17	28	10	0.90	<0.5		
A0147740		1.79	<1	<1	<5	32	35	12	1.11	<0.5		
A0147741		2.23	<1	<1	<5	48	292	50	6.46	<0.5		
A0147742		2.14	77	87	<5	788	326	63	5.48	<0.5		
A0147743		2.13	6	7	<5	292	219	66	5.20	<0.5		
A0147744		2.24	35	569	47	685	625	84	6.00	<0.5		
A0147745		2.15	86	719	61	743	478	62	6.25	<0.5		
A0147746		2.05	44	458	73	394	411	56	6.31	<0.5		
A0147747		2.06	16	453	28	221	346	50	6.11	<0.5		
A0147748		2.10	96	510	54	486	367	56	6.13	<0.5		
A0147749		2.27	55	897	92	587	526	63	6.03	<0.5		
A0147750		2.02	25	153	14	236	248	46	5.42	<0.5		
A0147751		0.07	93	614	294	4650	4520	118	4.06	1.7		
A0147752		2.11	18	108	21	250	273	49	5.34	<0.5		
A0147753		1.93	51	722	90	656	513	63	5.96	<0.5		
A0147754		2.16	13	302	36	271	393	75	5.63	<0.5		
A0147755		2.07	4	86	20	96	253	47	5.77	<0.5		
A0147756		2.15	11	80	10	201	269	50	5.43	<0.5		
A0147757		2.05	6	2	<5	164	258	48	5.07	<0.5		
A0147758		1.99	5	3	<5	170	334	48	5.28	<0.5		
A0147759		1.87	2	3	<5	62	251	45	5.32	<0.5		
A0147760		1.90	3	64	6	58	310	48	6.10	<0.5		
A0147761		1.93	12	12	<5	246	348	62	6.24	<0.5		
A0147762		2.05	18	1020	75	444	533	56	6.07	<0.5		
A0147763		2.21	2	31	8	89	339	43	5.54	<0.5		
A0147764		1.70	2	124	10	113	344	50	6.11	<0.5		
A0147765		2.15	19	464	30	500	715	80	7.46	<0.5		
A0147766		2.17	109	1980	222	1970	1445	172	7.11	1.0		
A0147767		2.19	14	393	33	459	800	67	7.78	<0.5		
A0147768		2.02	31	904	134	1105	788	98	6.29	0.5		
A0147769		2.18	21	297	27	461	464	64	6.48	<0.5		
A0147770		2.15	2	39	5	75	430	72	9.80	<0.5		

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Finalized Date: 17-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19104850

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
A0147771		1.59	1	1	<5	2	3	<1	13.60	<0.5		
A0147772		2.22	10	30	9	225	506	72	9.53	<0.5		
A0147773		2.62	41	589	36	647	791	89	9.89	<0.5		
A0147774		2.31	11	130	12	192	485	80	9.89	<0.5		
A0147775		2.21	12	12	<5	75	272	50	6.23	<0.5		
A0147776		2.22	26	408	49	488	513	60	4.96	<0.5		
A0147777		2.43	19	288	17	313	361	57	5.46	<0.5		
A0147778		2.21	13	229	14	270	266	29	2.69	<0.5		
A0147779		2.12	18	230	14	724	308	35	3.68	<0.5		
A0147780		2.24	4	217	19	388	377	52	5.07	<0.5		
A0147781		2.15	4	69	10	135	240	38	3.75	<0.5		
A0147782		2.35	3	22	<5	70	224	47	5.23	<0.5		
A0147783		2.08	2	3	<5	49	101	22	1.88	<0.5		
A0147784		1.85	<1	1	<5	39	132	32	3.72	<0.5		
A0147785		1.81	3	29	<5	84	121	32	2.56	<0.5		
A0147786		1.55	6	1	<5	61	22	14	1.13	<0.5		
A0147787		1.64	4	<1	<5	51	31	25	1.26	<0.5		
A0147788		2.33	3	<1	<5	59	27	20	1.37	<0.5		
A0147789		2.35	4	<1	<5	96	31	22	1.29	<0.5		
A0147790		2.05	<1	1	<5	43	19	10	0.91	<0.5		
A0147791		0.08	342	3440	786	>10000	>10000	974	3.97	4.1	16350	46100
A0147792		2.29	2	1	<5	99	83	14	0.96	<0.5		
A0147793		2.25	2	<1	<5	59	28	13	0.93	<0.5		
A0147794		2.14	3	1	<5	83	27	15	1.03	<0.5		
A0147795		2.17	1	<1	5	44	22	12	1.00	<0.5		
A0147796		2.29	1	<1	<5	27	27	14	0.88	<0.5		
A0147797		2.10	2	<1	<5	55	32	19	1.16	<0.5		
A0147798		2.22	4	19	<5	133	35	15	1.02	<0.5		
A0147799		2.18	3	40	<5	120	29	14	1.10	<0.5		
A0147800		2.12	1	1	<5	94	38	14	1.05	<0.5		
A0147801		2.12	5	29	<5	28	18	5	0.54	<0.5		
A0147802		2.41	3	53	<5	96	60	10	1.12	<0.5		
A0147803		2.13	2	40	<5	55	21	8	0.72	<0.5		
A0147804		2.16	1	7	<5	61	16	6	0.42	<0.5		
A0147805		2.05	1	27	<5	43	26	11	0.90	<0.5		
A0147806		1.67	3	28	<5	51	29	7	0.89	<0.5		
A0147807		2.66	6	24	8	280	207	44	3.68	<0.5		
A0147808		0.07	102	645	322	4520	4400	116	3.98	1.7		

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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			