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: 14-MAY-2019
Account: MZI

CERTIFICATE TB19101551

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 28-APR-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 TB19101551

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
A0129291		1.70	<1	<1	<5	1	2	<1	13.05	<0.5		
A0129292		0.08	5110	2020	1310	85	84	61	0.25	0.9		
A0129293		2.29	15	16	10	491	283	97	6.21	<0.5		
A0129294		2.25	19	19	9	566	307	97	6.44	<0.5		
A0129295		2.30	24	50	18	789	527	108	4.35	0.5		
A0129296		2.28	23	45	15	791	496	113	5.01	<0.5		
A0129297		2.30	21	37	16	693	451	112	4.76	<0.5		
A0129298		2.37	14	32	15	608	407	105	4.39	<0.5		
A0129299		2.42	15	35	18	634	422	115	5.96	<0.5		
A0129300		2.26	23	47	15	827	475	104	3.43	<0.5		
A0129301		2.41	10	26	5	499	191	73	4.21	<0.5		
A0129302		2.21	13	61	12	531	288	87	5.10	<0.5		
A0129303		2.28	22	175	22	484	360	74	4.53	<0.5		
A0129304		2.17	26	215	31	609	438	78	4.54	<0.5		
A0129305		2.28	52	457	60	1030	672	89	3.90	<0.5		
A0129306		2.33	69	345	49	1095	762	93	4.98	<0.5		
A0129307		2.28	114	916	143	1170	750	79	3.10	0.6		
A0129308		2.41	102	515	61	1035	682	84	5.09	<0.5		
A0129309		2.36	142	646	85	1060	762	83	4.81	<0.5		
A0129310		2.32	104	513	73	825	678	75	4.86	<0.5		
A0129311		0.07	77	594	279	4330	4290	115	3.86	2.1		
A0129312		2.26	92	347	51	783	571	78	4.87	<0.5		
A0129313		2.11	50	276	43	651	585	79	5.58	<0.5		
A0129314		2.15	52	339	57	715	709	75	4.68	<0.5		
A0129315		2.45	70	357	63	1220	727	78	3.70	0.9		
A0129316		2.21	71	299	47	765	524	61	3.48	<0.5		
A0129317		2.20	113	430	70	1320	810	85	4.03	0.7		
A0129318		2.41	91	441	76	1045	710	83	4.51	0.5		
A0129319		2.27	94	199	39	1165	727	65	2.66	0.6		
A0129320		2.39	59	324	44	572	477	74	5.08	<0.5		
A0129321		2.20	29	321	32	150	270	55	4.39	<0.5		
A0129322		2.28	96	1520	130	256	353	52	3.65	<0.5		
A0129323		2.26	47	856	69	172	331	54	4.51	<0.5		
A0129324		2.27	9	63	11	41	255	55	5.14	<0.5		
A0129325		2.27	12	40	9	25	233	51	4.67	<0.5		
A0129326		2.09	8	44	10	42	242	54	4.88	<0.5		
A0129327		2.33	6	70	7	40	248	54	4.80	<0.5		
A0129328		2.42	2	38	5	29	235	50	4.74	<0.5		
A0129329		2.39	3	103	5	41	226	52	4.60	<0.5		
A0129330		2.34	5	84	6	38	213	47	4.27	0.6		

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Finalized Date: 14-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19101551

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
A0129331		1.03	<1	1	<5	1	<1	<1	12.80	<0.5		
A0129332		2.19	34	2240	285	92	298	62	5.28	<0.5		
A0129333		2.30	113	4790	607	238	377	73	5.78	<0.5		
A0129334		2.22	127	4740	456	293	382	63	4.71	<0.5		
A0129335		2.20	3	40	6	93	195	55	4.03	<0.5		
A0129336		2.54	2	38	8	47	191	55	3.60	<0.5		
A0129337		2.05	4	61	21	66	194	54	4.48	<0.5		
A0129338		2.46	16	125	21	222	311	60	4.43	<0.5		
A0129339		2.31	3	92	5	66	178	42	3.20	<0.5		
A0129340		2.21	<1	79	<5	22	139	32	2.48	<0.5		
A0129341		2.11	<1	87	11	17	150	34	2.55	<0.5		
A0129342		2.20	1	81	27	23	138	33	2.41	<0.5		
A0129343		2.21	2	85	24	59	127	40	2.23	<0.5		
A0129344		2.18	1	105	17	27	132	29	2.21	<0.5		
A0129345		2.25	1	97	16	26	131	30	2.22	<0.5		
A0129346		2.14	<1	91	16	21	130	29	2.14	<0.5		
A0129347		2.17	1	91	11	18	124	26	1.97	<0.5		
A0129348		2.45	1	96	15	28	128	29	2.00	<0.5		
A0129349		2.19	1	91	12	35	155	33	2.57	<0.5		
A0129350		2.38	2	139	29	26	151	33	2.51	<0.5		
A0129351		0.08	257	3480	798	>10000	>10000	932	3.83	3.6	15900	45600
A0129352		2.38	1	125	38	46	202	30	2.34	<0.5		
A0129353		2.29	1	137	35	25	149	31	2.37	<0.5		
A0129354		2.15	4	108	35	53	143	28	2.31	<0.5		
A0129355		2.24	4	114	32	31	146	30	2.35	<0.5		
A0129356		2.17	16	249	20	77	279	55	4.97	<0.5		
A0129357		2.25	8	145	15	53	256	52	4.52	<0.5		
A0129358		2.36	16	182	23	64	292	56	5.10	<0.5		
A0129359		2.43	34	584	62	108	334	58	5.14	<0.5		
A0129360		2.26	1	155	42	19	190	40	3.42	<0.5		
A0129361		2.16	4	171	28	17	230	47	4.20	<0.5		
A0129362		2.37	6	94	23	37	227	48	4.25	<0.5		
A0129363		2.43	10	256	84	24	220	42	4.09	<0.5		
A0129364		2.37	13	300	84	20	221	45	4.27	<0.5		
A0129365		2.43	11	128	34	17	285	60	5.61	<0.5		
A0129366		2.25	10	192	67	19	204	41	3.84	<0.5		
A0129367		2.31	4	179	53	15	234	47	4.48	<0.5		
A0129368		0.07	117	594	302	4370	4300	115	3.89	2.0		

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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			