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: 20-MAY-2019
Account: MZI

CERTIFICATE TB19107713

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 5-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 TB19107713

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
A0128511		2.35	1	1	<5	1	6	<1	12.45	<0.5		
A0128512		0.07	4900	1980	1290	89	84	63	0.26	0.7		
A0128513		1.95	23	683	113	126	319	42	4.33	<0.5		
A0128514		1.85	6	13	21	83	456	66	9.00	<0.5		
A0128515		2.65	4	78	472	34	208	31	2.57	<0.5		
A0128516		2.72	3	35	24	21	323	45	3.83	<0.5		
A0128517		2.56	6	76	132	21	271	35	2.92	<0.5		
A0128518		2.29	3	216	114	23	335	44	3.65	<0.5		
A0128519		2.32	1	168	15	20	316	43	3.64	<0.5		
A0128520		2.29	3	206	25	28	327	50	4.11	<0.5		
A0128521		2.32	2	131	10	28	273	46	3.79	<0.5		
A0128522		2.53	3	112	8	30	254	48	4.05	<0.5		
A0128523		2.20	3	10	5	64	338	59	7.70	<0.5		
A0128524		2.00	5	11	5	80	373	64	8.77	<0.5		
A0128525		2.05	4	11	6	80	365	64	8.77	<0.5		
A0128526		2.62	2	82	14	26	253	47	4.44	<0.5		
A0128527		2.77	1	23	<5	17	201	43	3.48	<0.5		
A0128528		2.36	<1	22	<5	16	214	47	3.77	<0.5		
A0128529		2.45	1	25	<5	18	207	46	3.75	<0.5		
A0128530		2.15	1	32	<5	13	177	40	3.16	<0.5		
A0128531		0.07	65	601	303	4310	4060	108	3.67	2.1		
A0128532		2.20	1	34	<5	23	165	38	3.00	<0.5		
A0128533		2.18	1	32	<5	18	146	35	2.69	<0.5		
A0128534		2.46	2	20	<5	27	184	44	3.50	<0.5		
A0128535		2.19	1	22	<5	23	168	41	3.22	<0.5		
A0128536		2.40	2	17	<5	19	187	44	3.45	<0.5		
A0128537		2.32	<1	19	<5	18	142	34	2.46	<0.5		
A0128538		2.18	2	21	<5	12	151	35	2.68	<0.5		
A0128539		2.55	<1	21	<5	11	140	31	2.33	<0.5		
A0128540		2.43	1	20	<5	15	138	31	2.29	<0.5		
A0128541		2.50	<1	21	<5	11	124	28	2.08	<0.5		
A0128542		2.45	2	23	<5	27	198	42	3.47	<0.5		
A0128543		2.61	1	25	<5	24	198	43	3.28	<0.5		
A0128544		2.46	1	25	<5	17	220	46	3.63	<0.5		
A0128545		2.40	<1	22	<5	16	186	41	3.06	<0.5		
A0128546		2.40	1	25	<5	15	210	43	3.48	<0.5		
A0128547		2.55	<1	23	<5	17	207	44	3.27	<0.5		
A0128548		2.42	1	26	<5	14	199	41	3.17	<0.5		
A0128549		2.34	2	28	<5	20	158	33	2.41	<0.5		
A0128550		2.57	1	28	<5	19	170	33	2.47	<0.5		

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Finalized Date: 20-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19107713

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
A0128551		2.16	<1	2	<5	<1	2	<1	13.15	<0.5		
A0128552		2.47	1	114	18	23	238	47	3.68	<0.5		
A0128553		2.64	7	189	78	60	280	49	3.72	<0.5		
A0128554		2.26	42	312	87	142	395	55	5.45	<0.5		
A0128555		2.62	6	26	8	38	367	54	4.61	<0.5		
A0128556		2.49	14	38	29	55	337	53	4.17	<0.5		
A0128557		2.57	11	64	28	40	279	52	4.03	<0.5		
A0128558		2.61	14	91	14	100	228	43	3.27	<0.5		
A0128559		2.49	12	216	51	154	256	49	3.51	<0.5		
A0128560		2.08	1	93	19	24	244	50	3.86	<0.5		
A0128561		3.26	1	65	9	24	249	54	4.25	<0.5		
A0128562		1.39	2	55	9	24	264	56	4.60	<0.5		
A0128563		2.39	6	51	<5	34	250	54	4.31	<0.5		
A0128564		2.36	2	48	5	36	252	52	4.27	<0.5		
A0128565		2.26	2	47	<5	35	247	51	4.22	<0.5		
A0128566		2.42	5	46	<5	31	232	48	3.93	<0.5		
A0128567		2.39	3	51	5	31	227	49	3.86	<0.5		
A0128568		2.45	2	49	<5	37	237	51	4.10	<0.5		
A0128569		1.81	1	37	<5	38	259	55	4.48	<0.5		
A0128570		1.58	2	59	<5	46	222	48	3.76	<0.5		
A0128571		0.08	279	3430	794	>10000	>10000	951	3.85	3.8	15950	45700
A0128572		1.94	3	42	<5	54	273	56	4.43	<0.5		
A0128573		1.93	2	47	<5	48	276	59	4.96	<0.5		
A0128574		2.38	2	48	<5	53	250	52	4.35	<0.5		
A0128575		2.32	2	39	<5	51	256	57	4.34	<0.5		
A0128576		2.27	<1	57	6	50	238	51	3.84	<0.5		
A0128577		2.46	1	46	<5	46	266	60	4.45	<0.5		
A0128578		2.08	2	40	<5	49	268	61	4.53	<0.5		
A0128579		2.78	1	45	<5	42	260	59	4.29	<0.5		
A0128580		2.00	2	118	11	39	235	52	3.74	<0.5		
A0128581		2.33	28	59	52	188	526	59	3.10	<0.5		
A0128582		2.52	14	29	6	438	551	68	3.26	<0.5		
A0128583		2.52	11	55	13	444	450	61	3.43	<0.5		
A0128584		2.41	29	158	40	913	680	88	5.42	0.5		
A0128585		2.48	23	93	24	740	720	83	4.53	0.5		
A0128586		2.40	10	65	15	269	453	57	3.64	<0.5		
A0128587		2.61	8	61	13	232	456	57	3.46	<0.5		
A0128588		0.07	70	625	320	4480	4360	112	3.87	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			