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: 16-MAY-2019
Account: MZI

CERTIFICATE TB19107715

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 TB19107715

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
A0128121		2.16	<1	<1	<5	3	1	2	13.20	<0.5		
A0128122		0.08	5180	1940	1280	86	85	63	0.26	0.8		
A0128123		2.17	4	36	7	52	116	27	1.90	<0.5		
A0128124		2.15	6	32	8	67	90	22	1.49	<0.5		
A0128125		2.36	6	39	11	53	139	31	2.41	<0.5		
A0128126		2.19	14	200	42	140	438	90	8.40	<0.5		
A0128127		2.37	3	37	9	61	245	55	4.91	<0.5		
A0128128		2.38	4	20	7	99	215	45	4.00	<0.5		
A0128129		2.22	6	32	6	257	86	20	1.05	<0.5		
A0128130		2.45	6	123	25	131	323	67	6.13	<0.5		
A0128131		2.35	5	142	27	77	253	50	4.23	<0.5		
A0128132		2.36	11	115	24	151	484	98	9.73	<0.5		
A0128133		2.59	68	404	68	839	549	81	7.53	<0.5		
A0128134		2.06	2	5	<5	102	10	2	0.14	<0.5		
A0128135		2.14	2	33	8	58	45	8	0.61	<0.5		
A0128136		2.87	3	5	<5	50	71	16	1.46	<0.5		
A0128137		1.80	1	6	<5	37	179	37	3.18	<0.5		
A0128138		2.31	4	111	18	84	142	25	1.77	<0.5		
A0128139		2.24	2	57	6	136	70	14	0.99	<0.5		
A0128140		2.25	2	39	<5	154	58	11	0.76	<0.5		
A0128141		0.07	101	595	268	4500	4220	109	3.79	1.6		
A0128142		2.25	2	40	5	228	79	12	0.97	<0.5		
A0128143		2.33	8	110	20	112	237	43	3.47	<0.5		
A0128144		2.33	20	80	15	127	174	37	2.36	<0.5		
A0128145		2.28	17	318	45	198	404	66	5.68	<0.5		
A0128146		2.35	4	31	<5	70	218	49	4.01	<0.5		
A0128147		2.38	<1	25	<5	29	209	47	4.04	<0.5		
A0128148		2.44	<1	24	<5	24	224	50	4.48	<0.5		
A0128149		2.25	<1	28	5	37	215	49	4.14	<0.5		
A0128150		2.50	10	84	25	126	242	43	3.35	<0.5		
A0128151		2.38	8	32	8	130	220	38	3.22	<0.5		
A0128152		2.16	3	19	<5	84	187	33	3.02	<0.5		
A0128153		2.44	17	120	21	222	262	41	3.21	<0.5		
A0128154		2.17	5	63	21	85	210	38	3.43	<0.5		
A0128155		2.26	1	69	7	33	169	37	2.99	<0.5		
A0128156		1.76	1	40	6	68	109	26	2.03	<0.5		
A0128157		2.82	<1	79	7	48	160	33	2.74	<0.5		
A0128158		2.32	<1	76	5	42	164	33	2.67	<0.5		
A0128159		2.23	<1	70	6	50	172	33	2.76	<0.5		
A0128160		2.31	<1	80	5	50	164	34	2.91	<0.5		

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556 TENTH AVE
THUNDER BAY ON P7B 2R2

Finalized Date: 16-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19107715

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
A0128161		1.58	<1	<1	<5	<1	<1	1	13.05	<0.5		
A0128162		2.27	<1	74	7	43	178	36	2.95	<0.5		
A0128163		2.37	<1	70	5	39	161	30	2.44	<0.5		
A0128164		2.35	4	127	272	83	295	49	4.10	<0.5		
A0128165		2.35	<1	61	11	36	188	37	3.03	<0.5		
A0128166		2.38	6	261	706	82	302	51	4.47	0.5		
A0128167		2.36	<1	85	7	43	243	39	3.10	<0.5		
A0128168		2.28	<1	70	8	31	194	34	2.65	<0.5		
A0128169		2.28	<1	68	14	22	180	33	2.64	<0.5		
A0128170		2.50	1	66	14	45	155	29	2.32	<0.5		
A0128171		2.40	1	111	45	46	214	39	3.05	0.5		
A0128172		2.33	1	134	30	42	269	44	4.08	<0.5		
A0128173		2.38	2	319	45	40	261	41	3.50	<0.5		
A0128174		2.23	2	42	<5	46	351	54	4.77	<0.5		
A0128175		2.33	1	31	<5	26	327	48	4.00	<0.5		
A0128176		2.11	<1	31	<5	33	359	53	4.51	<0.5		
A0128177		2.35	<1	24	<5	18	356	53	4.58	<0.5		
A0128178		2.37	<1	34	<5	27	285	41	3.28	<0.5		
A0128179		2.28	<1	28	5	18	257	40	3.21	<0.5		
A0128180		2.18	<1	15	<5	15	131	26	1.92	<0.5		
A0128181		0.08	232	3470	816	>10000	>10000	964	4.01	4.4	16850	48100
A0128182		2.32	<1	32	<5	30	249	41	3.18	<0.5		
A0128183		2.17	<1	25	<5	22	255	44	3.56	<0.5		
A0128184		2.32	<1	25	<5	14	266	48	3.78	<0.5		
A0128185		2.36	<1	22	8	52	279	55	7.64	0.6		
A0128186		2.43	<1	26	<5	19	248	47	3.72	<0.5		
A0128187		2.24	<1	28	<5	13	232	44	3.59	<0.5		
A0128188		2.24	<1	23	<5	32	267	53	4.27	<0.5		
A0128189		2.41	<1	27	<5	16	239	46	3.84	<0.5		
A0128190		2.36	<1	32	<5	16	251	50	4.05	<0.5		
A0128191		2.41	<1	43	<5	19	249	49	4.10	<0.5		
A0128192		2.37	<1	33	<5	36	181	38	3.11	0.5		
A0128193		2.39	<1	45	6	33	202	40	3.53	<0.5		
A0128194		2.18	<1	46	<5	21	242	50	4.12	0.5		
A0128195		2.23	<1	20	5	13	52	10	0.95	0.8		
A0128196		2.59	55	1030	244	244	492	61	7.34	1.0		
A0128197		2.41	2	63	20	79	253	53	6.40	<0.5		
A0128198		0.07	75	609	298	4730	4820	121	4.14	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			