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: 27-MAR-2019
Account: MZI

CERTIFICATE TB19064413

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 18-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 TB19064413

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
A0127029		1.92	<1	2	<5	3	1	1	13.45	<0.5		
A0127030		0.08	4900	2030	1300	87	87	64	0.26	1.1		
A0127031		1.93	31	273	25	1510	124	34	1.30	1.6		
A0127032		1.80	17	30	<5	611	83	27	1.85	0.5		
A0127033		1.73	12	49	6	496	78	33	2.05	<0.5		
A0127034		1.98	4	36	5	306	65	33	1.88	<0.5		
A0127035		1.96	5	17	<5	230	55	32	1.71	<0.5		
A0127036		1.84	1	29	<5	177	62	29	1.86	<0.5		
A0127037		1.99	5	209	22	134	100	32	2.21	<0.5		
A0127038		1.92	2	4	<5	80	54	32	2.30	<0.5		
A0127039		2.10	2	47	5	81	88	32	2.67	<0.5		
A0127040		1.99	1	17	<5	95	87	39	3.21	<0.5		
A0127041		2.01	<1	3	<5	102	127	42	3.49	<0.5		
A0127042		1.88	<1	8	<5	146	100	44	3.68	<0.5		
A0127043		1.88	1	6	<5	109	112	36	2.83	<0.5		
A0127044		1.89	37	1450	68	529	491	55	3.05	<0.5		
A0127045		1.89	70	729	60	330	300	43	3.22	<0.5		
A0127046		1.93	82	569	48	280	253	44	3.07	<0.5		
A0127047		2.02	22	118	12	144	121	36	2.63	<0.5		
A0127048		1.75	14	53	7	132	100	38	2.38	<0.5		
A0127049		0.08	86	598	311	4470	4440	116	3.96	2.0		
A0127050		2.04	11	89	12	132	106	42	2.56	<0.5		
A0127051		2.05	3	9	<5	51	93	35	2.66	<0.5		
A0127052		1.98	40	171	39	265	298	47	2.58	<0.5		
A0127053		2.26	24	203	22	212	177	49	2.93	<0.5		
A0127054		2.10	6	43	7	152	103	36	2.51	<0.5		
A0127055		1.95	4	18	6	123	103	38	2.61	<0.5		
A0127056		2.11	4	18	<5	129	105	43	3.19	<0.5		
A0127057		2.06	2	22	<5	175	122	45	3.37	<0.5		
A0127058		2.29	1	3	<5	91	168	57	4.52	<0.5		
A0127059		2.13	<1	3	<5	123	149	51	4.26	<0.5		
A0127060		1.93	<1	5	<5	99	148	58	4.23	<0.5		
A0127061		1.97	14	74	8	179	223	61	5.65	<0.5		
A0127062		1.95	11	17	<5	132	182	48	4.03	<0.5		
A0127063		2.18	7	8	<5	210	279	60	5.06	<0.5		
A0127064		2.09	3	2	<5	176	316	65	5.58	<0.5		
A0127065		2.30	4	2	<5	196	315	64	5.29	<0.5		
A0127066		1.84	9	62	8	502	344	59	3.27	<0.5		
A0127067		1.86	7	28	<5	407	224	50	2.86	<0.5		
A0127068		1.90	1	1	<5	194	159	49	4.53	<0.5		

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Finalized Date: 27-MAR-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19064413

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
A0127069		1.65	1	1	<5	3	1	1	12.80	<0.5		
A0127070		2.07	7	70	10	184	175	37	2.82	<0.5		
A0127071		2.40	19	264	30	433	407	72	5.62	<0.5		
A0127072		2.10	3	4	<5	231	170	48	4.49	<0.5		
A0127073		2.24	13	68	13	172	258	49	4.39	<0.5		
A0127074		2.09	15	37	7	262	347	59	4.95	<0.5		
A0127075		2.23	46	225	22	331	406	57	4.83	<0.5		
A0127076		2.28	13	43	6	283	338	52	4.21	<0.5		
A0127077		2.29	8	80	11	214	321	61	4.72	<0.5		
A0127078		2.30	2	20	<5	101	171	53	4.72	<0.5		
A0127079		2.27	6	8	<5	291	244	63	4.55	<0.5		
A0127080		2.39	5	5	<5	208	210	62	4.95	<0.5		
A0127081		2.43	3	5	<5	258	174	78	5.19	<0.5		
A0127082		2.33	4	13	<5	177	167	67	5.12	<0.5		
A0127083		2.39	13	163	15	176	229	64	5.38	<0.5		
A0127084		2.27	15	94	14	239	263	50	4.52	<0.5		
A0127085		2.35	49	238	31	436	505	57	4.75	<0.5		
A0127086		2.23	25	279	26	256	409	54	4.64	<0.5		
A0127087		2.19	34	285	28	383	425	60	4.64	<0.5		
A0127088		2.24	14	73	9	286	395	66	6.36	<0.5		
A0127089		0.08	271	3470	788	>10000	>10000	995	4.13	3.9	16400	46200
A0127090		2.35	17	47	6	518	562	89	6.11	<0.5		
A0127091		2.22	7	21	<5	294	243	92	6.25	<0.5		
A0127092		2.36	3	17	<5	209	336	75	6.34	<0.5		
A0127093		2.15	7	48	7	369	405	89	6.21	<0.5		
A0127094		2.32	8	69	8	346	348	80	6.49	<0.5		
A0127095		2.25	6	43	6	211	262	47	3.69	<0.5		
A0127096		2.30	9	26	<5	167	257	55	4.91	<0.5		
A0127097		2.10	3	10	5	256	342	67	5.81	<0.5		
A0127098		2.37	15	48	8	503	683	102	7.52	<0.5		
A0127099		2.17	9	14	<5	407	381	87	7.25	<0.5		
A0127100		2.25	12	117	13	172	239	64	6.16	<0.5		
A0127101		2.19	30	69	13	256	388	85	7.57	<0.5		
A0127102		2.34	26	419	41	272	383	79	6.85	<0.5		
A0127103		2.44	1	4	<5	111	252	72	6.52	<0.5		
A0127104		2.29	2	4	<5	200	284	74	6.28	<0.5		
A0127105		2.44	4	18	<5	172	296	69	6.11	<0.5		
A0127106		0.08	75	611	286	4640	4510	118	4.16	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			