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: 13-JUN-2019
Account: MZI

CERTIFICATE TB19127100

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 26-MAY-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK	DENIS DECHARTE 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 TB19127100

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
A0128745		1.31	1	<1	<5	2	2	2	13.85	<0.5		
A0128746		0.07	4600	2040	1300	92	89	64	0.27	1.0		
A0128747		2.07	5	137	32	76	298	67	6.02	<0.5		
A0128748		2.77	10	115	26	170	314	53	4.64	<0.5		
A0128749		2.62	15	37	11	322	384	56	5.01	<0.5		
A0128750		2.50	13	49	14	239	391	59	5.17	<0.5		
A0128751		2.60	16	125	24	334	431	62	4.77	<0.5		
A0128752		2.56	21	282	41	392	475	57	4.45	<0.5		
A0128753		2.20	40	101	24	754	514	69	4.86	<0.5		
A0128754		2.11	37	146	23	438	398	60	4.87	<0.5		
A0128755		2.22	11	108	21	190	305	55	4.99	<0.5		
A0128756		1.90	6	20	7	178	247	54	5.00	<0.5		
A0128757		1.86	30	200	44	620	446	75	5.18	<0.5		
A0128758		2.45	11	63	22	211	300	61	5.49	<0.5		
A0128759		2.53	6	19	8	85	265	51	4.57	<0.5		
A0128760		1.95	7	26	<5	95	314	54	4.71	<0.5		
A0128761		1.85	3	3	<5	80	244	47	4.62	<0.5		
A0128762		2.73	9	28	11	204	291	55	4.77	<0.5		
A0128763		2.40	25	60	16	444	442	69	5.10	<0.5		
A0128764		2.12	18	22	6	315	389	65	5.22	<0.5		
A0128765		0.07	73	606	271	4920	4750	124	4.24	2.4		
A0128766		2.32	20	23	5	356	388	67	5.51	<0.5		
A0128767		2.25	23	35	12	503	444	65	5.25	<0.5		
A0128768		2.26	32	48	13	506	549	72	5.79	<0.5		
A0128769		1.83	11	10	5	319	410	64	5.44	<0.5		
A0128770		2.64	24	59	19	372	395	62	5.27	<0.5		
A0128771		1.73	14	36	14	256	330	65	5.54	<0.5		
A0128772		2.86	6	111	30	69	204	57	5.08	<0.5		
A0128773		1.89	3	103	22	83	235	63	5.60	<0.5		
A0128774		2.89	5	133	21	105	231	59	5.15	<0.5		
A0128775		2.29	30	224	33	1125	867	88	5.10	0.7		
A0128776		2.22	63	313	44	1605	1245	110	4.77	0.8		
A0128777		2.36	78	332	55	1325	990	89	4.28	0.7		
A0128778		2.30	102	406	65	1945	1285	95	4.22	1.1		
A0128779		2.89	136	525	85	1535	1050	85	4.28	0.9		
A0128780		2.25	4	37	21	139	136	66	4.40	<0.5		
A0128781		2.27	2	6	<5	106	70	45	2.44	<0.5		
A0128782		1.45	5	29	23	291	212	105	6.10	<0.5		
A0128783		2.25	4	37	31	132	129	72	5.81	<0.5		
A0128784		2.41	2	38	31	53	123	63	5.86	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19127100

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
A0128785		2.03	1	1	<5	2	4	<1	13.50	<0.5		
A0128786		2.45	7	29	25	155	155	70	4.94	<0.5		
A0128787		2.52	9	11	6	272	184	82	3.95	<0.5		
A0128788		2.52	5	21	13	163	187	67	6.01	<0.5		
A0128789		2.52	8	19	13	321	198	91	5.15	<0.5		
A0128790		2.44	8	19	11	447	290	107	5.45	<0.5		
A0128791		2.30	7	17	8	352	211	82	5.68	<0.5		
A0128792		2.11	9	20	8	414	239	106	6.22	<0.5		
A0128793		2.42	2	14	5	62	107	36	3.46	<0.5		
A0128794		2.38	2	13	5	70	120	35	3.34	<0.5		
A0128795		2.39	4	15	7	137	148	38	3.54	<0.5		
A0128796		2.34	3	13	5	89	146	38	3.52	<0.5		
A0128797		2.27	3	13	<5	66	152	34	3.19	<0.5		
A0128798		1.70	9	39	7	188	193	36	3.46	<0.5		
A0128799		2.94	353	2050	322	1645	1730	113	9.66	0.9		
A0128800		2.49	218	1820	295	1275	1540	105	9.45	0.7		
A0128801		2.57	152	799	123	1145	934	84	7.54	0.6		
A0128802		2.16	108	699	118	659	870	109	9.92	<0.5		
A0128803		2.35	49	388	68	265	610	99	9.69	<0.5		
A0128804		2.29	33	251	45	179	552	100	9.93	<0.5		
A0128805		0.08	257	3310	751	>10000	>10000	994	4.09	4.1	16300	45700
A0128806		2.54	58	480	83	286	609	98	9.31	<0.5		
A0128807		2.32	68	685	114	381	610	103	9.21	<0.5		
A0128808		2.50	34	292	53	219	466	98	9.17	<0.5		
A0128809		2.18	38	433	74	290	504	98	8.86	<0.5		
A0128810		2.41	29	215	37	246	430	83	6.98	<0.5		
A0128811		2.43	44	351	66	257	533	97	9.55	<0.5		
A0128812		2.23	53	414	71	282	598	101	9.86	<0.5		
A0128813		2.45	58	367	64	296	592	100	9.82	<0.5		
A0128814		2.44	31	345	51	179	475	81	8.27	<0.5		
A0128815		2.15	50	322	54	293	619	102	10.15	<0.5		
A0128816		2.52	40	277	51	232	566	95	9.62	<0.5		
A0128817		2.43	44	330	57	273	590	96	9.76	<0.5		
A0128818		2.65	22	234	41	167	580	98	10.00	<0.5		
A0128819		2.16	20	290	48	139	590	95	9.77	<0.5		
A0128820		1.81	30	383	68	298	518	88	7.64	<0.5		
A0128821		1.93	19	195	36	193	527	98	10.15	<0.5		
A0128822		0.07	82	631	280	4860	4650	120	4.12	1.9		

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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			