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: 31-JUL-2019
Account: MZI

CERTIFICATE TB19165925

Project: 18-101

P.O. No.: 182449

This report is for 66 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7-JUL-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 TB19165925

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
X783013		1.27	<1	1	<5	3	2	1	13.70	<0.5		
X783014		0.08	5030	2060	1310	87	85	64	0.26	0.6		
X783015		2.60	17	131	27	823	476	123	5.72	<0.5		
X783016		2.51	13	115	24	642	391	108	5.60	<0.5		
X783017		2.47	3	76	17	169	351	76	7.69	<0.5		
X783018		2.24	5	155	24	148	164	81	5.90	<0.5		
X783019		2.23	5	99	18	158	173	80	6.09	<0.5		
X783020		2.19	11	135	27	621	438	109	5.83	<0.5		
X783021		2.45	4	114	19	222	237	79	5.58	<0.5		
X783022		2.41	16	58	15	728	381	91	3.96	<0.5		
X783023		2.70	16	104	21	920	514	120	5.87	0.5		
X783024		1.96	13	122	27	914	557	132	5.79	<0.5		
X783025		2.34	15	168	31	804	550	116	5.80	<0.5		
X783026		2.59	12	94	19	447	310	78	4.70	<0.5		
X783027		2.32	13	106	21	246	265	67	4.70	<0.5		
X783028		2.26	10	105	17	296	253	69	4.84	<0.5		
X783029		2.65	10	81	15	299	272	65	4.39	<0.5		
X783030		2.24	8	84	17	415	278	69	4.30	<0.5		
X783031		3.34	18	142	37	752	433	98	5.09	0.8		
X783032		1.64	16	123	24	616	373	91	5.04	0.8		
X783033		0.07	85	615	277	4690	4490	119	4.19	2.1		
X783034		3.43	13	141	29	892	498	111	5.22	1.4		
X783035		2.41	15	117	28	1165	620	135	5.64	0.7		
X783036		2.58	13	47	11	471	344	85	4.69	0.5		
X783037		2.33	35	760	111	571	606	79	5.16	<0.5		
X783038		2.27	8	224	41	164	448	63	5.10	<0.5		
X783039		2.32	19	108	28	379	370	92	6.99	<0.5		
X783040		2.34	15	75	24	239	261	77	6.05	<0.5		
X783041		2.22	13	80	19	227	267	75	5.90	<0.5		
X783042		2.35	20	117	30	336	329	75	5.21	<0.5		
X783043		2.49	8	85	16	168	237	68	5.47	<0.5		
X783044		2.53	4	82	15	98	214	67	5.46	<0.5		
X783045		2.38	3	87	16	87	226	69	5.60	<0.5		
X783046		2.42	11	128	28	304	303	71	4.47	<0.5		
X783047		2.44	7	137	29	272	211	61	4.38	<0.5		
X783048		2.49	17	174	37	485	342	82	5.34	<0.5		
X783049		2.34	11	159	38	332	236	71	5.23	<0.5		
X783050		2.25	10	61	17	353	239	68	4.96	<0.5		
X783051		2.13	32	85	37	797	422	87	5.16	<0.5		
X783052		2.21	40	42	19	1140	542	91	4.46	0.6		

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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
X783053		1.44	<1	<1	<5	2	5	<1	12.75	<0.5		
X783054		2.18	52	61	28	1330	494	94	4.36	0.8		
X783055		2.31	37	81	27	1020	470	99	5.23	0.6		
X783056		2.41	16	46	24	666	392	97	6.35	<0.5		
X783057		2.12	37	57	25	543	420	75	4.46	<0.5		
X783058		2.26	21	50	21	992	566	99	4.93	<0.5		
X783059		2.09	16	53	24	609	397	86	5.40	<0.5		
X783060		2.18	20	43	20	654	366	87	5.83	<0.5		
X783061		2.22	13	47	18	405	405	77	4.71	<0.5		
X783062		2.28	14	34	14	694	536	97	5.69	<0.5		
X783063		2.06	12	46	16	629	550	89	4.75	<0.5		
X783064		2.26	8	54	21	685	491	100	5.95	<0.5		
X783065		2.14	8	32	11	496	353	88	6.39	<0.5		
X783066		2.18	19	57	21	888	547	110	6.14	<0.5		
X783067		2.16	20	78	25	878	647	111	5.54	<0.5		
X783068		2.17	11	34	17	491	394	88	6.05	<0.5		
X783069		1.89	12	41	16	547	367	90	6.09	<0.5		
X783070		2.15	20	50	19	698	548	97	6.02	<0.5		
X783071		2.22	22	48	17	825	575	105	6.40	<0.5		
X783072		2.11	19	64	28	1040	682	120	6.83	<0.5		
X783073		0.08	253	3360	774	>10000	>10000	936	3.88	4.1	15700	44300
X783074		2.18	22	64	24	1100	745	128	7.08	<0.5		
X783075		2.41	11	42	22	603	453	87	5.77	<0.5		
X783076		2.18	20	73	32	695	575	96	5.58	<0.5		
X783077		1.63	5	93	20	192	290	60	4.23	<0.5		
X783078		1.55	9	81	18	239	312	57	3.52	<0.5		

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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			