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: 14-FEB-2019
Account: MZI

CERTIFICATE TB19028316

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 4-FEB-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER 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 TB19028316

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
A0125703		0.84	<1	<1	<5	2	1	<1	13.55	<0.5		
A0125704		0.08	4820	1960	1280	88	88	66	0.26	0.9		
A0125705		2.45	32	126	10	348	605	73	7.38	<0.5		
A0125706		2.50	191	492	53	739	944	90	8.24	<0.5		
A0125707		2.30	92	1230	70	840	975	58	5.27	<0.5		
A0125708		2.31	514	3160	233	2370	1875	87	5.54	0.7		
A0125709		2.42	169	612	48	710	868	56	5.34	<0.5		
A0125710		2.32	112	249	25	834	923	82	8.93	<0.5		
A0125711		2.27	58	492	36	416	702	82	9.66	<0.5		
A0125712		2.26	13	125	8	141	441	77	9.76	<0.5		
A0125713		2.39	12	10	<5	136	398	70	8.65	<0.5		
A0125714		2.22	28	439	33	224	630	77	8.60	<0.5		
A0125715		2.30	41	442	32	282	516	76	8.68	<0.5		
A0125716		2.28	35	169	15	386	503	75	7.47	<0.5		
A0125717		2.33	18	82	7	207	375	72	7.92	<0.5		
A0125718		1.74	12	608	50	90	507	65	7.34	<0.5		
A0125719		2.01	49	255	16	547	590	75	7.97	<0.5		
A0125720		2.18	34	211	18	275	462	72	8.98	<0.5		
A0125721		1.55	25	125	11	241	466	77	9.51	<0.5		
A0125722		2.44	10	64	10	145	440	82	9.99	<0.5		
A0125723		0.07	72	606	299	4520	4620	120	4.03	2.0		
A0125724		2.24	8	85	8	156	444	77	9.84	<0.5		
A0125725		2.12	7	118	8	178	475	79	9.82	<0.5		
A0125726		2.59	5	8	<5	143	467	84	10.55	<0.5		
A0125727		2.27	2	15	<5	135	288	63	7.23	<0.5		
A0125728		2.36	8	2	<5	158	294	61	6.93	<0.5		
A0125729		1.69	2	16	<5	117	333	67	8.13	<0.5		
A0125730		1.85	16	195	15	194	418	66	8.29	<0.5		
A0125731		2.46	18	144	16	173	405	69	8.36	<0.5		
A0125732		2.65	4	5	<5	108	359	70	8.77	<0.5		
A0125733		2.04	34	417	34	300	544	64	7.08	<0.5		
A0125734		1.93	15	33	<5	271	530	68	7.51	<0.5		
A0125735		2.30	10	13	<5	337	614	79	9.34	<0.5		
A0125736		1.87	30	27	<5	864	1210	90	9.21	<0.5		
A0125737		2.50	9	42	10	120	199	40	4.00	<0.5		
A0125738		2.55	4	38	9	80	182	37	3.82	<0.5		
A0125739		2.50	9	91	13	135	192	41	3.77	<0.5		
A0125740		1.49	6	42	9	104	183	40	3.78	<0.5		
A0125741		1.84	1	5	<5	67	73	14	0.93	<0.5		
A0125742		1.46	3	49	7	100	161	29	2.57	<0.5		

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Finalized Date: 14-FEB-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19028316

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
A0125743		0.91	<1	<1	<5	1	<1	1	13.95	<0.5		
A0125744		1.35	28	663	49	260	252	20	1.48	<0.5		
A0125745		1.46	6	49	9	122	207	40	3.83	<0.5		
A0125746		2.09	9	116	12	270	101	17	1.33	<0.5		
A0125747		1.91	18	349	29	150	159	21	1.82	<0.5		
A0125748		1.85	32	783	61	170	293	10	0.41	<0.5		
A0125749		1.89	398	1000	86	355	601	56	1.83	<0.5		
A0125750		1.87	70	1420	103	934	568	20	0.37	0.7		
A0125751		1.93	89	796	70	444	429	13	0.53	<0.5		
A0125752		2.05	64	2010	167	671	905	25	0.48	0.6		
A0125753		2.27	251	1650	161	856	822	50	4.99	<0.5		
A0125754		2.00	46	1290	114	534	891	34	0.96	<0.5		
A0125755		2.39	76	2010	179	783	1150	34	0.47	0.6		
A0125756		2.01	172	1180	125	641	957	59	5.10	<0.5		
A0125757		1.41	39	762	70	580	530	24	1.25	0.5		
A0125758		2.18	174	1040	112	804	971	65	6.17	<0.5		
A0125759		2.13	132	1020	99	699	961	60	5.89	<0.5		
A0125760		2.18	129	1350	114	689	935	60	5.52	<0.5		
A0125761		2.11	339	1560	138	1030	1125	65	5.85	0.6		
A0125762		2.21	58	2900	286	654	1620	75	5.65	<0.5		
A0125763		0.08	272	3420	811	>10000	>10000	914	3.83	3.7	15750	44500
A0125764		2.22	182	2130	236	1235	1455	77	7.06	0.5		
A0125765		2.17	193	1520	122	943	1125	69	6.27	<0.5		
A0125766		2.37	180	1160	125	953	1180	78	7.86	0.5		
A0125767		2.09	59	856	75	418	689	51	5.79	<0.5		
A0125768		2.07	139	1360	150	856	1080	66	6.45	<0.5		
A0125769		2.14	317	3370	309	1545	1970	76	5.39	0.6		
A0125770		2.26	47	1820	164	520	1000	57	5.49	<0.5		
A0125771		2.30	49	457	74	356	526	51	5.94	<0.5		
A0125772		2.05	94	2390	201	1000	1100	64	6.42	<0.5		
A0125773		2.19	106	1600	158	627	680	44	4.91	<0.5		
A0125774		2.17	132	1380	145	565	738	48	4.68	<0.5		
A0125775		2.28	83	849	121	394	533	39	4.05	<0.5		
A0125776		2.32	108	526	84	350	525	48	5.52	<0.5		
A0125777		2.16	83	709	65	366	549	54	5.43	<0.5		
A0125778		2.26	264	1600	207	1205	959	60	5.01	<0.5		
A0125779		2.14	54	1840	176	319	991	54	4.91	<0.5		
A0125780		0.08	101	617	328	4640	4480	112	4.03	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			