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-MAR-2019
Account: MZI

CERTIFICATE TB19052257

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-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
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
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 TB19052257

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	PGM-ICP27 Au ppb 10	PGM-ICP27 Pd ppb 10	PGM-ICP27 Pt ppb 10	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
A0126639		1.77	<1	<1	<5				1	2	<1	13.75	<0.5		
A0126640		0.07	4410	2030	1290				85	85	63	0.25	0.8		
A0126641		2.23	19	200	13				188	225	45	3.82	<0.5		
A0126642		2.05	6	2	<5				144	146	44	4.12	<0.5		
A0126643		2.12	8	13	<5				165	191	51	4.56	<0.5		
A0126644		2.17	19	266	19				313	292	48	4.41	<0.5		
A0126645		2.21	88	842	61				434	587	63	5.11	<0.5		
A0126646		2.07	28	71	<5				217	252	49	4.89	<0.5		
A0126647		2.16	79	167	19				325	336	51	4.60	<0.5		
A0126648		2.23	67	423	36				377	354	54	4.75	<0.5		
A0126649		2.17	10	54	7				230	189	50	4.36	<0.5		
A0126650		2.18	13	44	7				181	215	52	4.74	<0.5		
A0126651		2.36	27	155	15				205	280	51	4.77	<0.5		
A0126652		2.26	38	321	42				206	309	51	4.86	<0.5		
A0126653		2.21	20	192	22				176	291	51	4.87	<0.5		
A0126654		2.13	9	35	<5				115	183	47	4.61	<0.5		
A0126655		2.19	9	69	7				149	179	46	4.30	<0.5		
A0126656		2.09	15	220	17				344	188	50	4.02	<0.5		
A0126657		2.01	7	13	<5				173	188	55	4.61	<0.5		
A0126658		2.13	53	7	<5				884	174	51	4.29	<0.5		
A0126659		0.07	73	601	299				4600	4290	118	4.06	1.7		
A0126660		2.15	11	74	7				200	172	43	4.00	<0.5		
A0126661		2.05	8	49	5				139	186	49	4.32	<0.5		
A0126662		2.20	15	3	<5				228	153	45	4.23	<0.5		
A0126663		2.09	65	183	14				807	169	35	2.60	<0.5		
A0126664		1.58	5	50	<5				84	80	18	1.89	<0.5		
A0126665		2.32	32	318	22				342	149	13	0.69	<0.5		
A0126666		2.36	65	737	55				509	265	11	0.66	<0.5		
A0126667		2.00	28	343	25				277	116	11	0.70	<0.5		
A0126668		2.08	10	67	<5				100	56	11	0.87	<0.5		
A0126669		2.07	15	193	13				180	74	13	0.85	<0.5		
A0126670		1.93	13	260	22				126	88	13	0.85	<0.5		
A0126671		2.16	14	171	12				180	70	13	0.82	<0.5		
A0126672		1.83	49	708	51				310	220	12	0.54	<0.5		
A0126673		1.98	74	1240	105				584	481	25	0.89	<0.5		
A0126674		1.96	34	371	26				240	126	9	0.62	<0.5		
A0126675		1.79	33	430	34				556	178	8	0.59	<0.5		
A0126676		1.98	34	548	37				361	180	8	0.53	<0.5		
A0126677		1.54	43	812	59				315	240	11	0.55	<0.5		
A0126678		2.44	325	4070	295				2170	1330	53	1.44	1.1		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19052257

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	PGM-ICP27 Au ppb 10	PGM-ICP27 Pd ppb 10	PGM-ICP27 Pt ppb 10	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
A0126679		1.60	<1	4	<5				5	3	<1	13.45	<0.5		
A0126680		2.13	558	6780	507				3990	2410	88	1.97	2.0		
A0126681		2.12	317	3440	245				2210	1410	73	2.54	1.0		
A0126682		2.21	403	6690	502				3250	2350	90	2.05	1.7		
A0126683		2.16	287	4720	349				2040	1700	80	2.52	0.8		
A0126684		2.13	394	4380	323				2400	1800	82	2.65	1.1		
A0126685		2.20	464	4720	338				3040	1920	76	2.06	1.5		
A0126686		2.09	415	5010	373				2630	1950	72	1.64	1.3		
A0126687		2.17	420	8060	580				3700	3190	108	2.18	2.4		
A0126688		2.26	463	7080	493				4870	3080	90	1.96	3.8		
A0126689		2.16	569	5240	436				3720	2300	83	2.41	2.5		
A0126690		2.23	451	5870	423				4490	2840	103	2.36	3.4		
A0126691		2.25	368	5320	435				3640	2560	98	2.88	2.9		
A0126692		2.14	432	7670	510				4420	2770	104	2.76	3.3		
A0126693		2.26	702	7840	587				3660	3070	105	2.28	1.6		
A0126694		2.17	623	7070	455				5580	2450	68	1.80	4.9		
A0126695		2.11	404	>10000	650	400	12800	690	5190	3930	108	1.54	4.1		
A0126696		2.25	794	9600	754				4300	3580	105	1.46	2.2		
A0126697		2.24	325	5290	417				2410	1930	63	0.88	1.6		
A0126698		2.05	168	2840	215				2030	1035	35	0.63	1.7		
A0126699		0.08	253	3200	765				>10000	>10000	927	3.86	3.7	16350	45600
A0126700		1.96	98	2390	184				1545	864	23	0.24	1.4		
A0126701		2.04	99	1260	88				1195	607	30	0.62	0.7		
A0126702		2.08	102	2120	157				950	897	46	3.19	0.6		
A0126703		2.11	131	1120	91				703	542	39	3.18	<0.5		
A0126704		2.06	214	2590	195				1420	1160	58	3.74	0.6		
A0126705		1.96	520	4430	325				2180	1900	65	3.30	0.9		
A0126706		2.25	145	1760	138				678	649	20	0.70	<0.5		
A0126707		2.21	131	1480	113				801	698	35	2.63	<0.5		
A0126708		2.00	347	2500	179				1445	999	31	1.22	0.6		
A0126709		1.96	457	3560	259				1775	1485	44	1.64	0.8		
A0126710		2.11	429	3760	286				1675	1345	36	1.04	0.7		
A0126711		1.93	268	2380	176				1130	908	34	1.68	<0.5		
A0126712		1.41	241	2720	197				1250	1005	30	0.93	0.7		
A0126713		2.69	243	1720	131				957	696	25	0.99	0.5		
A0126714		2.11	537	4590	353				1775	1540	42	1.38	0.8		
A0126715		2.07	261	2220	161				1230	821	25	0.61	0.6		
A0126716		0.08	62	584	282				4480	4280	111	3.88	1.8		

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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	PGM-ICP27		