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: 7-FEB-2019
Account: MZI

CERTIFICATE TB19021655

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 28-JAN-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 TB19021655

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
A0125313		1.27	<1	1	<5	1	<1	2	13.30	<0.5		
A0125314		0.07	5080	2010	1300	95	104	63	0.26	0.8		
A0125315		2.28	27	435	42	405	891	89	8.88	<0.5		
A0125316		2.26	50	641	53	403	795	92	10.50	<0.5		
A0125317		2.39	61	143	5	864	957	97	8.93	<0.5		
A0125318		2.36	50	9	<5	799	872	89	7.62	<0.5		
A0125319		2.37	22	4	<5	471	584	71	6.56	<0.5		
A0125320		2.30	11	41	14	295	601	77	8.33	<0.5		
A0125321		2.36	21	39	6	322	702	69	6.45	<0.5		
A0125322		2.26	4	2	<5	150	451	56	6.72	<0.5		
A0125323		2.32	6	11	<5	193	424	48	5.09	<0.5		
A0125324		2.32	16	92	7	330	757	80	9.88	<0.5		
A0125325		2.36	13	369	42	176	407	55	5.45	<0.5		
A0125326		2.33	56	207	14	673	747	76	6.50	<0.5		
A0125327		2.48	84	887	41	842	928	68	6.09	<0.5		
A0125328		2.44	22	148	6	207	346	60	5.83	<0.5		
A0125329		2.48	14	158	13	161	391	54	5.80	<0.5		
A0125330		2.49	41	822	55	561	786	73	7.50	<0.5		
A0125331		2.26	73	831	50	993	1070	86	7.17	<0.5		
A0125332		2.22	8	68	<5	218	416	54	5.58	<0.5		
A0125333		0.07	105	613	322	4510	4410	117	4.01	2.1		
A0125334		2.10	7	87	13	164	271	40	4.26	<0.5		
A0125335		2.21	27	245	20	384	559	46	4.23	<0.5		
A0125336		2.14	24	139	7	238	573	87	10.60	<0.5		
A0125337		2.14	248	2280	127	1360	1100	93	10.15	0.8		
A0125338		2.12	67	574	111	691	559	56	6.34	<0.5		
A0125339		2.05	129	1360	115	721	746	56	5.94	<0.5		
A0125340		2.18	51	613	50	340	375	42	4.73	<0.5		
A0125341		2.38	194	2880	200	1580	1260	81	6.27	0.8		
A0125342		2.49	20	23	5	1025	1190	86	5.92	0.6		
A0125343		2.37	34	147	57	756	1135	80	7.09	<0.5		
A0125344		2.20	22	13	<5	552	959	86	9.68	<0.5		
A0125345		2.32	7	72	6	99	613	50	5.43	<0.5		
A0125346		2.18	10	30	<5	231	681	60	6.79	<0.5		
A0125347		2.45	13	7	<5	461	627	60	7.03	<0.5		
A0125348		2.21	29	7	<5	470	587	64	5.05	<0.5		
A0125349		2.21	9	224	16	327	745	70	8.44	<0.5		
A0125350		2.27	4	15	5	215	741	78	10.50	<0.5		
A0125351		2.20	12	5	<5	398	547	61	5.22	<0.5		
A0125352		2.05	15	9	5	513	928	80	6.43	<0.5		

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CERTIFICATE OF ANALYSIS TB19021655

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
A0125353		1.07	<1	1	<5	2	3	2	13.65	<0.5		
A0125354		2.40	51	216	17	770	1035	76	6.24	<0.5		
A0125355		2.22	32	11	7	686	803	69	5.76	<0.5		
A0125356		2.40	37	858	62	965	1695	84	5.99	<0.5		
A0125357		3.13	44	432	32	814	1190	76	5.98	<0.5		
A0125358		1.92	10	49	13	119	229	48	4.81	<0.5		
A0125359		2.27	34	601	59	305	417	48	3.86	<0.5		
A0125360		2.54	6	82	13	141	210	35	3.67	<0.5		
A0125361		2.38	16	371	39	224	371	55	4.74	<0.5		
A0125362		2.51	22	152	23	180	260	50	4.80	<0.5		
A0125363		2.26	28	200	25	187	268	48	4.61	<0.5		
A0125364		2.33	12	60	14	137	245	50	4.80	<0.5		
A0125365		2.05	22	123	16	216	276	51	4.81	<0.5		
A0125366		2.28	12	50	10	176	192	40	3.59	<0.5		
A0125367		2.30	9	53	13	179	244	49	4.84	<0.5		
A0125368		2.50	12	91	14	161	221	39	3.95	<0.5		
A0125369		2.38	17	164	19	148	361	53	6.37	<0.5		
A0125370		2.46	249	2530	200	1185	969	53	3.78	0.6		
A0125371		2.71	76	640	55	394	289	19	1.21	<0.5		
A0125372		3.22	18	104	16	178	243	50	4.22	<0.5		
A0125373		0.08	250	3530	779	>10000	>10000	989	4.10	4.0	16150	46700
A0125374		2.47	22	281	29	201	183	14	1.10	<0.5		
A0125375		2.26	7	32	12	69	231	43	4.86	<0.5		
A0125376		2.44	12	53	12	125	221	43	4.15	<0.5		
A0125377		1.34	9	22	5	125	39	9	0.73	<0.5		
A0125378		2.40	8	48	11	99	172	40	3.71	<0.5		
A0125379		1.77	26	261	25	132	165	15	1.15	<0.5		
A0125380		2.35	13	81	16	121	229	45	4.41	<0.5		
A0125381		2.24	11	109	15	125	214	46	4.20	<0.5		
A0125382		2.41	7	30	10	116	193	46	4.05	<0.5		
A0125383		2.83	14	57	11	171	226	53	4.35	<0.5		
A0125384		1.35	91	299	25	617	209	21	1.29	<0.5		
A0125385		2.98	10	34	10	122	226	52	4.72	<0.5		
A0125386		2.34	14	72	16	136	241	52	4.83	<0.5		
A0125387		2.44	12	40	11	137	222	50	4.74	<0.5		
A0125388		2.24	45	158	15	415	274	50	4.42	<0.5		
A0125389		1.93	34	616	43	252	566	58	4.63	<0.5		
A0125390		0.07	85	609	284	4490	4380	116	4.05	2.0		

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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			