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: 3-JUN-2019
Account: MZI

CERTIFICATE TB19121294

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 19-MAY-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK DAVE PECK	DENIS DECHARTE LDIM WEBTRIEVE	CLAIRE MCGUINNESS

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 TB19121294

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
A0160305		1.80	2	1	<5	2	<1	1	13.50	<0.5		
A0160306		0.08	4540	2030	1335	89	85	62	0.27	0.7		
A0160307		2.31	4	15	15	126	141	51	4.59	<0.5		
A0160308		2.10	5	17	18	181	148	51	4.97	<0.5		
A0160309		2.39	4	18	18	123	162	52	5.23	<0.5		
A0160310		2.30	6	15	16	154	143	51	4.96	<0.5		
A0160311		2.34	5	18	19	172	171	56	5.39	<0.5		
A0160312		2.47	6	26	16	176	155	67	5.31	<0.5		
A0160313		2.47	6	16	10	251	245	121	5.29	<0.5		
A0160314		2.26	6	20	12	250	298	115	5.27	<0.5		
A0160315		1.55	4	17	14	132	238	92	7.28	<0.5		
A0160316		2.14	6	16	7	211	269	110	6.30	<0.5		
A0160317		2.41	5	13	<5	260	316	160	4.25	<0.5		
A0160318		2.85	5	16	8	183	295	168	3.12	<0.5		
A0160319		2.06	6	11	9	137	154	64	6.08	<0.5		
A0160320		2.61	12	83	20	269	248	73	5.68	<0.5		
A0160321		2.36	50	304	40	932	569	87	4.53	<0.5		
A0160322		2.84	22	117	23	617	361	91	4.83	<0.5		
A0160323		2.34	18	87	20	494	287	71	4.29	<0.5		
A0160324		2.32	26	173	37	235	241	58	4.38	<0.5		
A0160325		0.07	85	619	316	4480	4250	110	3.90	2.0		
A0160326		2.37	46	144	36	507	402	73	4.95	<0.5		
A0160327		2.32	15	116	34	189	230	60	4.47	<0.5		
A0160328		2.48	45	317	38	715	405	72	4.21	0.5		
A0160329		2.34	30	294	36	552	344	62	4.53	<0.5		
A0160330		2.04	42	415	44	1140	643	80	4.75	0.7		
A0160331		2.04	44	302	42	903	515	82	5.40	<0.5		
A0160332		1.91	102	577	70	1570	911	93	5.60	0.7		
A0160333		2.14	135	1030	112	1170	807	85	5.00	0.6		
A0160334		2.16	111	766	86	1355	883	90	4.60	0.9		
A0160335		2.15	48	482	56	818	583	80	4.61	<0.5		
A0160336		2.19	81	636	67	911	674	95	5.43	0.5		
A0160337		2.02	52	1080	140	649	644	75	4.94	<0.5		
A0160338		2.04	75	720	79	911	643	86	4.38	0.5		
A0160339		1.86	72	863	91	672	565	66	4.32	<0.5		
A0160340		1.93	51	773	108	417	453	58	4.40	<0.5		
A0160341		2.49	14	65	11	255	231	77	5.03	<0.5		
A0160342		2.38	4	5	<5	234	213	103	4.14	<0.5		
A0160343		1.98	11	105	35	189	232	55	4.54	<0.5		
A0160344		1.87	11	63	18	224	220	41	3.23	<0.5		

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Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19121294

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
A0160345		1.22	2	1	<5	3	7	<1	12.70	0.6		
A0160346		2.04	60	317	46	706	543	74	4.79	<0.5		
A0160347		1.71	13	119	17	188	256	53	4.40	<0.5		
A0160348		2.15	41	324	40	421	367	57	4.39	<0.5		
A0160349		1.92	20	111	18	207	279	52	4.57	<0.5		
A0160350		1.99	30	277	41	311	336	52	4.20	<0.5		
A0160351		2.11	163	1780	147	400	551	55	4.18	<0.5		
A0160352		1.88	457	4810	375	765	895	69	4.95	<0.5		
A0160353		1.87	29	1120	135	87	379	47	3.76	<0.5		
A0160354		1.91	19	246	31	114	320	54	4.89	<0.5		
A0160355		2.38	21	141	19	103	297	55	5.10	<0.5		
A0160356		2.29	9	142	20	50	234	52	4.54	<0.5		
A0160357		2.27	7	191	17	53	229	46	4.42	<0.5		
A0160358		2.22	13	107	25	97	277	49	4.22	<0.5		
A0160359		1.70	5	217	25	33	270	48	4.36	<0.5		
A0160360		1.72	34	3660	97	155	313	36	3.02	0.7		
A0160361		1.38	12	506	47	76	220	29	2.42	<0.5		
A0160362		2.08	67	959	111	209	412	58	5.20	<0.5		
A0160363		2.12	192	4350	423	533	663	68	4.80	<0.5		
A0160364		2.18	296	3420	307	780	822	74	5.08	<0.5		
A0160365		0.08	303	3330	776	>10000	>10000	1000	4.21	4.3	16000	45900
A0160366		2.22	41	833	70	168	475	58	4.79	<0.5		
A0160367		2.44	19	498	73	76	353	59	5.17	<0.5		
A0160368		2.27	24	715	114	73	333	59	5.37	<0.5		
A0160369		2.25	17	78	17	69	301	57	4.77	<0.5		
A0160370		2.07	13	376	62	84	303	57	4.94	<0.5		
A0160371		2.12	7	181	32	57	209	38	3.23	<0.5		
A0160372		2.16	18	516	82	98	295	51	4.17	<0.5		
A0160373		2.18	10	245	39	82	239	61	4.70	<0.5		
A0160374		2.03	11	349	38	43	371	64	6.41	<0.5		
A0160375		2.10	21	299	30	82	387	77	7.56	<0.5		
A0160376		2.10	26	596	76	82	393	68	6.98	<0.5		
A0160377		1.98	21	577	77	75	381	63	6.19	<0.5		
A0160378		2.13	21	1300	81	73	280	48	4.19	<0.5		
A0160379		2.26	7	71	25	55	90	19	1.14	<0.5		
A0160380		2.16	<1	58	25	7	154	26	2.37	<0.5		
A0160381		2.17	1	222	57	10	234	40	3.77	<0.5		
A0160382		0.07	79	612	292	4450	4220	112	3.94	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			