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-AUG-2019
Account: MZI

CERTIFICATE TB19194531

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 7-AUG-2019.
The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
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 TB19194531

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
AC19-100781		1.53	<1	1	<5	4	6	<1	14.50	<0.5		
AC19-100782		0.07	4980	2050	1340	87	86	64	0.28	0.7		
AC19-100783		2.35	47	511	40	445	602	50	5.21	<0.5		
AC19-100784		2.26	27	110	16	319	447	44	5.15	<0.5		
AC19-100785		2.24	33	229	26	446	463	47	4.85	<0.5		
AC19-100786		2.23	69	608	50	584	535	47	4.13	<0.5		
AC19-100787		2.16	28	113	17	381	369	37	3.55	<0.5		
AC19-100788		2.18	62	986	48	687	808	53	4.58	0.6		
AC19-100789		2.40	30	264	31	434	381	43	4.10	<0.5		
AC19-100790		2.31	24	137	10	341	331	35	3.76	<0.5		
AC19-100791		2.38	26	116	14	397	336	33	3.15	<0.5		
AC19-100792		2.22	17	179	18	234	355	36	3.82	<0.5		
AC19-100793		2.30	26	465	40	347	443	52	5.28	<0.5		
AC19-100794		2.34	24	612	56	328	455	51	5.28	0.7		
AC19-100795		2.32	86	550	40	441	420	54	5.31	<0.5		
AC19-100796		2.31	23	78	15	287	423	51	5.50	<0.5		
AC19-100797		2.28	13	32	8	227	393	52	5.79	<0.5		
AC19-100798		2.33	9	61	25	102	294	50	5.67	<0.5		
AC19-100799		2.29	9	99	31	112	299	50	5.33	<0.5		
AC19-100800		2.30	10	137	22	139	417	48	5.57	<0.5		
AC19-100801		0.07	72	605	307	4360	4220	113	3.90	2.0		
AC19-100802		2.30	28	22	<5	242	397	53	5.51	<0.5		
AC19-100803		2.29	15	123	10	263	373	55	5.72	<0.5		
AC19-100804		2.37	14	65	16	260	439	56	5.82	0.5		
AC19-100805		2.41	17	285	36	261	493	58	6.14	<0.5		
AC19-100806		2.35	13	111	15	238	400	50	5.38	<0.5		
AC19-100807		2.03	8	26	6	181	335	45	5.32	<0.5		
AC19-100808		2.06	28	699	90	370	682	63	6.09	<0.5		
AC19-100809		2.02	20	449	92	263	574	59	6.50	<0.5		
AC19-100810		2.18	128	906	149	882	858	80	7.37	0.7		
AC19-100811		2.05	112	796	127	948	767	70	7.02	0.7		
AC19-100812		2.14	109	696	93	620	605	61	6.61	<0.5		
AC19-100813		2.06	69	1460	174	700	1180	86	7.71	<0.5		
AC19-100814		1.98	140	956	143	728	928	77	7.60	<0.5		
AC19-100815		2.08	104	506	89	629	770	80	8.50	0.5		
AC19-100816		1.96	179	775	86	802	880	66	5.93	0.5		
AC19-100817		2.00	94	492	78	681	836	76	7.79	0.9		
AC19-100818		1.87	49	581	79	534	742	66	6.46	<0.5		
AC19-100819		2.00	13	400	50	254	502	47	4.99	<0.5		
AC19-100820		2.04	123	715	68	940	833	68	6.05	0.5		

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Finalized Date: 31-AUG-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19194531

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
AC19-100821		1.68	<1	2	<5	3	2	<1	13.30	<0.5		
AC19-100822		1.91	112	817	113	831	866	56	5.06	0.5		
AC19-100823		2.20	271	1190	169	887	862	59	5.26	0.5		
AC19-100824		2.09	85	858	85	657	821	66	5.93	<0.5		
AC19-100825		2.03	18	5	<5	207	231	45	4.67	<0.5		
AC19-100826		2.15	13	43	8	226	322	54	5.44	<0.5		
AC19-100827		2.04	18	10	<5	238	259	47	4.58	<0.5		
AC19-100828		2.14	18	17	<5	299	273	50	5.11	<0.5		
AC19-100829		2.18	22	108	15	339	490	69	6.57	<0.5		
AC19-100830		2.12	15	50	7	301	389	64	5.07	<0.5		
AC19-100831		1.73	13	19	<5	204	237	51	5.38	<0.5		
AC19-100832		2.39	3	25	<5	82	387	45	4.87	<0.5		
AC19-100833		2.19	8	31	10	137	326	57	5.98	<0.5		
AC19-100834		2.32	9	65	16	153	343	57	6.27	<0.5		
AC19-100835		2.27	4	13	<5	110	243	47	4.84	<0.5		
AC19-100836		2.46	6	276	17	215	566	50	5.41	<0.5		
AC19-100837		2.38	22	1020	90	300	919	73	5.80	<0.5		
AC19-100838		2.35	579	772	108	989	787	57	5.34	0.5		
AC19-100839		2.29	16	234	41	206	422	50	5.72	<0.5		
AC19-100840		2.33	36	355	49	419	445	56	5.83	<0.5		
AC19-100841		0.08	242	3570	800	>10000	>10000	927	3.82	3.9	16150	46200
AC19-100842		2.29	31	562	43	772	699	65	5.96	0.6		
AC19-100843		2.38	11	133	24	108	418	57	6.73	<0.5		
AC19-100844		2.26	33	469	50	427	563	56	5.97	<0.5		
AC19-100845		2.34	346	1080	160	809	644	59	5.67	<0.5		
AC19-100846		2.28	22	83	24	238	442	71	7.50	<0.5		
AC19-100847		2.28	121	356	61	582	600	94	9.11	<0.5		
AC19-100848		2.34	18	75	27	224	379	66	6.57	<0.5		
AC19-100849		2.25	16	316	36	199	430	61	6.43	<0.5		
AC19-100850		2.38	6	85	23	155	445	72	7.27	<0.5		
AC19-100851		2.27	5	52	20	115	357	62	6.57	<0.5		
AC19-100852		2.37	9	59	15	185	399	64	6.10	<0.5		
AC19-100853		2.34	17	197	45	327	613	80	8.07	<0.5		
AC19-100854		2.54	9	73	21	173	440	70	6.78	<0.5		
AC19-100855		2.34	5	43	15	124	305	58	6.20	<0.5		
AC19-100856		2.23	6	31	9	129	281	58	5.44	<0.5		
AC19-100857		2.25	5	41	11	102	293	55	5.22	<0.5		
AC19-100858		0.07	76	613	314	4180	4150	111	3.76	2.1		

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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			