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: 24-OCT-2019
Account: MZI

CERTIFICATE TB19247028

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 1-OCT-2019.

The following have access to data associated with this certificate:

MATT BODNAR DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK

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:

Saa Traxler, General Manager, North Vancouver

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CERTIFICATE OF ANALYSIS TB19247028

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
PP19-101015		1.39	<1	<1	<5	1	<1	<1	11.50	0.7		
PP19-101016		0.07	4820	1970	1280	95	90	68	0.28	1.0		
PP19-101017		2.23	49	215	31	427	408	38	3.98	0.7		
PP19-101018		2.32	111	416	57	520	521	47	4.48	0.6		
PP19-101019		2.27	188	621	70	739	749	48	4.84	0.7		
PP19-101020		2.31	236	989	120	1310	1120	60	5.26	0.9		
PP19-101021		2.31	335	1730	202	1680	1560	68	5.22	1.1		
PP19-101022		2.48	195	804	94	1040	1040	58	5.28	0.8		
PP19-101023		2.42	213	903	105	1120	1190	63	5.20	1.0		
PP19-101024		2.37	199	995	102	976	1020	60	4.98	0.9		
PP19-101025		2.31	67	499	55	456	567	59	5.53	0.6		
PP19-101026		2.13	61	414	41	444	491	51	4.98	0.8		
PP19-101027		2.29	15	97	20	146	303	49	5.57	0.6		
PP19-101028		2.33	16	166	23	175	343	53	5.90	<0.5		
PP19-101029		2.39	33	207	31	369	439	56	5.68	0.5		
PP19-101030		2.28	44	364	42	484	550	58	5.74	0.7		
PP19-101031		2.19	52	411	46	440	564	56	5.35	0.5		
PP19-101032		2.31	47	537	63	495	657	52	5.12	0.7		
PP19-101033		2.25	57	583	73	505	734	52	5.15	0.6		
PP19-101034		2.39	61	418	53	440	663	52	5.50	0.7		
PP19-101035		0.07	77	591	283	4380	4290	114	4.00	2.3		
PP19-101036		2.42	29	185	30	303	385	46	4.65	<0.5		
PP19-101037		2.35	41	415	38	525	565	56	5.06	0.8		
PP19-101038		2.36	56	407	41	449	504	48	5.03	0.7		
PP19-101039		2.29	77	481	68	578	687	48	4.56	0.8		
PP19-101040		2.52	54	252	37	497	552	57	5.56	0.6		
PP19-101041		2.45	80	730	71	672	783	59	5.37	0.9		
PP19-101042		2.46	93	409	45	563	612	55	5.46	0.7		
PP19-101043		2.48	66	456	51	465	530	53	5.07	<0.5		
PP19-101044		2.51	29	135	26	281	380	49	5.35	0.6		
PP19-101045		2.50	30	405	46	297	457	53	5.44	0.6		
PP19-101046		2.43	39	199	38	301	407	52	5.44	<0.5		
PP19-101047		2.48	27	140	26	275	376	48	5.20	0.7		
PP19-101048		2.45	59	833	94	384	725	55	5.02	0.5		
PP19-101049		2.43	233	1080	150	1020	1050	61	5.46	1.2		
PP19-101050		2.64	85	748	82	434	692	54	5.25	0.5		
PP19-101051		2.63	33	126	22	230	440	53	5.74	0.6		
PP19-101052		2.50	52	167	37	376	450	52	5.55	0.5		
PP19-101053		2.50	45	266	51	336	493	50	5.33	0.6		
PP19-101054		2.39	221	673	97	877	1030	61	5.71	0.9		

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Finalized Date: 24-OCT-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19247028

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
PP19-101055		1.66	<1	1	<5	1	<1	<1	11.50	0.9		
PP19-101056		2.36	27	226	48	194	415	48	5.81	<0.5		
PP19-101057		2.36	57	273	47	414	525	54	5.91	0.5		
PP19-101058		2.41	116	332	65	439	548	51	5.91	<0.5		
PP19-101059		2.44	471	569	73	523	648	55	6.08	0.8		
PP19-101060		2.42	43	360	49	284	528	50	5.60	0.7		
PP19-101061		2.46	37	199	35	199	446	54	5.89	<0.5		
PP19-101062		2.31	30	75	19	201	352	52	5.38	0.6		
PP19-101063		2.47	18	159	31	196	354	48	5.16	0.6		
PP19-101064		2.39	29	575	70	258	507	52	5.61	0.5		
PP19-101065		2.50	8	193	58	75	348	46	6.08	0.5		
PP19-101066		2.30	7	212	68	53	341	46	5.99	0.6		
PP19-101067		1.90	10	329	38	97	343	40	5.00	0.6		
PP19-101068		1.54	40	671	66	490	528	54	4.82	0.9		
PP19-101069		1.65	11	378	62	156	380	44	5.56	<0.5		
PP19-101070		2.19	18	344	54	249	441	50	5.58	0.6		
PP19-101071		2.49	10	183	36	178	375	47	5.67	0.6		
PP19-101072		2.40	28	121	25	132	358	48	5.62	0.7		
PP19-101073		2.25	27	114	22	187	341	43	4.78	0.5		
PP19-101074		2.24	46	292	28	337	497	51	5.19	0.6		
PP19-101075		0.12	271	3340	779	>10000	>10000	1005	4.08	4.6	15700	44500
PP19-101076		2.35	14	85	10	208	371	43	4.86	0.5		
PP19-101077		2.29	58	480	51	448	608	56	5.46	0.9		
PP19-101078		2.35	28	198	49	295	413	44	4.75	0.6		
PP19-101079		2.29	63	408	85	717	745	64	5.99	1.1		
PP19-101080		2.30	41	481	66	626	665	59	5.51	0.5		
PP19-101081		2.26	17	650	77	227	493	50	5.06	0.8		
PP19-101082		2.32	17	519	91	226	497	49	5.03	<0.5		
PP19-101083		2.22	40	425	54	400	544	56	5.43	<0.5		
PP19-101084		2.28	37	498	51	482	459	58	4.90	<0.5		
PP19-101085		2.36	138	1610	147	1090	998	68	4.75	1.0		
PP19-101086		2.31	132	1160	148	829	829	60	4.76	<0.5		
PP19-101087		2.25	258	1880	133	1090	1235	70	4.92	0.9		
PP19-101088		2.30	6	120	32	82	381	43	4.94	<0.5		
PP19-101089		2.19	116	1990	211	1110	1330	82	6.21	0.8		
PP19-101090		2.39	53	849	138	444	721	66	7.22	0.8		
PP19-101091		2.22	157	2210	511	800	1030	56	4.23	<0.5		
PP19-101092		0.07	107	613	277	4720	4530	112	3.90	2.3		

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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			