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 TB19247023

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 TB19247023

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
AD19-100781		1.58	<1	<1	<5	2	1	<1	13.00	<0.5		
AD19-100782		0.07	5160	2020	1320	87	84	62	0.26	0.7		
AD19-100783		2.02	17	272	28	429	584	72	5.05	<0.5		
AD19-100784		2.05	7	16	6	337	507	74	5.75	<0.5		
AD19-100785		2.40	3	8	<5	168	215	53	4.61	<0.5		
AD19-100786		1.97	2	1	<5	159	294	61	5.58	<0.5		
AD19-100787		1.98	2	3	<5	208	226	51	4.07	<0.5		
AD19-100788		1.87	4	34	<5	260	284	54	3.96	<0.5		
AD19-100789		1.90	5	27	8	319	415	65	5.09	<0.5		
AD19-100790		1.94	11	12	<5	374	324	68	4.69	<0.5		
AD19-100791		2.04	2	<1	<5	179	224	59	5.35	<0.5		
AD19-100792		2.12	4	59	6	313	361	64	4.73	<0.5		
AD19-100793		2.01	5	5	<5	232	335	55	5.02	<0.5		
AD19-100794		1.73	5	8	<5	422	551	80	5.92	<0.5		
AD19-100795		2.15	3	1	<5	200	294	52	4.59	<0.5		
AD19-100796		2.00	8	18	<5	462	566	67	5.27	<0.5		
AD19-100797		2.20	12	39	5	552	643	67	5.84	<0.5		
AD19-100798		2.11	11	116	11	405	431	62	5.20	<0.5		
AD19-100799		2.04	1	1	<5	153	293	44	4.52	<0.5		
AD19-100800		2.17	11	2	<5	504	534	69	5.02	<0.5		
AD19-100801		0.07	91	600	283	4500	4360	115	3.99	1.8		
AD19-100802		2.12	6	7	<5	391	459	59	4.99	<0.5		
AD19-100803		2.06	9	4	<5	610	690	79	5.34	<0.5		
AD19-100804		2.49	10	1	<5	308	389	63	5.57	<0.5		
AD19-100805		2.22	13	98	8	440	536	71	5.24	<0.5		
AD19-100806		2.18	3	<1	<5	208	306	53	5.07	<0.5		
AD19-100807		2.14	4	3	<5	317	488	61	5.13	<0.5		
AD19-100808		2.32	12	35	<5	497	557	80	5.37	<0.5		
AD19-100809		2.19	11	8	<5	460	594	87	6.35	<0.5		
AD19-100810		2.36	10	69	7	519	552	86	6.44	<0.5		
AD19-100811		2.31	12	63	5	606	482	76	5.41	<0.5		
AD19-100812		2.22	5	17	<5	289	372	59	4.76	<0.5		
AD19-100813		2.33	5	17	<5	390	463	79	6.15	<0.5		
AD19-100814		2.28	32	259	22	1005	411	77	6.75	<0.5		
AD19-100815		2.16	10	29	<5	441	614	86	6.53	<0.5		
AD19-100816		2.29	9	180	40	338	519	64	5.04	<0.5		
AD19-100817		2.01	27	98	10	609	548	56	4.83	<0.5		
AD19-100818		2.24	32	265	29	330	376	58	4.89	<0.5		
AD19-100819		2.15	33	64	6	724	739	74	5.35	<0.5		
AD19-100820		2.14	20	98	11	791	910	107	8.80	<0.5		

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Finalized Date: 24-OCT-2019
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Project: 18-101

CERTIFICATE OF ANALYSIS TB19247023

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
AD19-100821		1.33	<1	<1	<5	2	1	<1	12.85	<0.5		
AD19-100822		2.10	4	38	<5	271	273	49	4.51	<0.5		
AD19-100823		1.91	2	251	16	433	404	57	5.62	<0.5		
AD19-100824		1.99	6	27	<5	350	506	69	6.29	<0.5		
AD19-100825		2.01	2	6	<5	135	321	56	6.28	<0.5		
AD19-100826		2.09	3	1	<5	127	223	49	4.82	<0.5		
AD19-100827		2.20	30	22	5	635	684	74	5.91	<0.5		
AD19-100828		1.91	26	294	21	360	380	54	4.77	<0.5		
AD19-100829		2.37	41	298	31	554	552	61	4.62	<0.5		
AD19-100830		2.13	18	29	<5	377	577	68	5.11	0.9		
AD19-100831		2.15	13	16	<5	399	465	61	5.15	<0.5		
AD19-100832		1.96	22	78	<5	528	733	71	5.30	<0.5		
AD19-100833		2.36	7	47	<5	291	426	57	4.97	<0.5		
AD19-100834		2.33	24	166	13	299	378	70	5.28	<0.5		
AD19-100835		2.45	2	2	<5	115	217	48	5.12	<0.5		
PP19-100836		2.63	8	43	<5	307	359	58	5.06	<0.5		
PP19-100837		2.37	14	17	<5	430	428	60	4.79	<0.5		
PP19-100838		2.36	10	168	12	363	389	60	5.43	<0.5		
PP19-100839		2.43	4	40	6	268	305	55	4.91	<0.5		
PP19-100840		2.56	1	2	<5	157	223	49	4.39	<0.5		
PP19-100841		0.12	273	3310	762	>10000	>10000	1035	4.20	4.5	15700	43700
PP19-100842		2.38	4	17	<5	242	338	63	5.19	<0.5		
PP19-100843		2.41	4	103	9	136	450	60	7.98	<0.5		
PP19-100844		2.44	7	23	5	373	485	83	7.84	<0.5		
PP19-100845		2.47	4	9	<5	257	296	73	6.14	<0.5		
PP19-100846		2.31	2	3	<5	87	183	47	4.33	<0.5		
PP19-100847		2.64	2	3	<5	286	471	79	6.18	<0.5		
PP19-100848		2.17	2	2	<5	257	382	65	4.97	<0.5		
PP19-100849		2.32	<1	16	<5	94	239	51	5.23	<0.5		
PP19-100850		2.38	5	17	<5	324	392	65	5.73	<0.5		
PP19-100851		2.10	18	23	<5	550	363	59	4.59	<0.5		
PP19-100852		2.23	3	8	<5	200	241	53	4.62	<0.5		
PP19-100853		2.31	8	20	<5	285	300	56	4.77	<0.5		
PP19-100854		2.19	5	4	<5	177	213	54	5.12	<0.5		
PP19-100855		2.08	13	40	<5	457	459	81	7.08	<0.5		
PP19-100856		1.86	14	175	16	264	460	80	6.82	<0.5		
PP19-100857		2.23	15	54	6	426	437	67	5.12	<0.5		
PP19-100858		0.07	105	619	281	4560	4410	115	3.99	1.7		

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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			