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: 1-DEC-2019
Account: MZI

CERTIFICATE TB19288489

Project: 18-300

P.O. No.: 212623

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 14-NOV-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
STU GIBBINS	MARK LACOMBE	LINETTE MACINNIS
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:

Saa Traxler, General Manager, North Vancouver

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CERTIFICATE OF ANALYSIS TB19288489

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
PP19-103511		1.92	<1	<1	<5	1	2	<1	11.30	<0.5		
PP19-103512		0.07	4550	2030	1210	90	88	66	0.27	<0.5		
PP19-103513		2.61	3	330	53	21	294	33	4.60	<0.5		
PP19-103514		2.46	21	494	89	224	253	26	3.06	<0.5		
PP19-103515		2.54	33	342	79	157	324	39	5.02	<0.5		
PP19-103516		2.52	35	1130	114	219	624	50	5.29	<0.5		
PP19-103517		2.47	28	488	105	180	458	51	5.85	<0.5		
PP19-103518		2.52	6	179	91	80	309	44	5.15	<0.5		
PP19-103519		2.46	6	562	123	49	245	25	2.95	<0.5		
PP19-103520		2.44	116	2880	508	578	960	49	4.83	<0.5		
PP19-103521		2.48	83	1160	251	134	467	37	4.73	<0.5		
PP19-103522		2.43	40	644	88	151	401	44	5.88	<0.5		
PP19-103523		2.32	35	1220	82	218	531	44	5.29	<0.5		
PP19-103524		2.34	43	953	66	354	542	43	5.32	<0.5		
PP19-103525		2.47	326	1880	147	552	1330	68	5.88	<0.5		
PP19-103526		2.16	30	75	14	227	329	50	5.39	<0.5		
PP19-103527		2.46	92	175	27	369	611	53	6.51	<0.5		
PP19-103528		2.31	25	238	8	203	501	50	5.83	<0.5		
PP19-103529		2.36	18	67	8	224	483	51	6.52	<0.5		
PP19-103530		2.28	21	78	12	166	407	46	6.32	<0.5		
PP19-103531		0.07	71	608	304	4620	4420	118	3.99	2.0		
PP19-103532		2.33	19	12	<5	169	391	46	5.95	<0.5		
PP19-103533		2.02	37	394	30	313	487	48	5.71	<0.5		
PP19-103534		2.16	104	1880	80	808	739	55	6.16	<0.5		
PP19-103535		2.11	28	394	41	263	480	51	6.21	<0.5		
PP19-103536		2.09	17	157	33	169	426	43	5.56	<0.5		
PP19-103537		2.29	40	1980	133	372	589	51	5.57	<0.5		
PP19-103538		2.25	17	118	20	200	412	51	5.86	<0.5		
PP19-103539		2.42	6	190	35	80	342	52	6.34	<0.5		
PP19-103540		2.13	8	106	38	85	309	46	5.61	<0.5		
PP19-103541		2.49	9	90	36	168	339	46	5.48	<0.5		
PP19-103542		2.17	2	101	41	48	272	45	5.35	<0.5		
PP19-103543		2.26	5	103	42	68	297	44	5.31	<0.5		
PP19-103544		2.32	5	104	43	69	285	44	5.28	<0.5		
PP19-103545		2.33	7	122	41	90	297	46	5.61	<0.5		
PP19-103546		2.28	8	228	54	82	379	56	6.27	<0.5		
PP19-103547		2.45	44	983	127	248	439	51	5.79	<0.5		
PP19-103548		2.42	14	198	62	97	334	52	6.19	<0.5		
PP19-103549		2.26	8	88	36	106	306	48	5.14	<0.5		
PP19-103550		2.28	15	120	43	138	327	47	5.45	<0.5		

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CERTIFICATE OF ANALYSIS TB19288489

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
PP19-103551		1.98	<1	<1	<5	<1	<1	<1	11.95	<0.5		
PP19-103552		2.36	40	389	63	241	424	56	6.13	<0.5		
PP19-103553		2.30	42	470	69	330	515	57	6.25	<0.5		
PP19-103554		2.26	16	118	26	194	367	52	6.10	<0.5		
PP19-103555		2.29	10	96	24	83	273	42	4.83	<0.5		
PP19-103556		2.15	12	131	32	119	359	54	5.99	<0.5		
PP19-103557		2.49	15	130	29	121	338	51	5.84	<0.5		
PP19-103558		2.22	20	101	26	218	398	52	5.95	<0.5		
PP19-103559		2.34	10	127	31	136	380	58	6.54	<0.5		
PP19-103560		2.18	13	137	31	144	379	55	6.24	<0.5		
PP19-103561		2.55	13	132	30	96	342	54	5.95	<0.5		
PP19-103562		1.59	10	123	31	88	312	51	5.56	<0.5		
PP19-103563		1.57	40	220	56	529	656	65	6.54	<0.5		
PP19-103564		1.84	14	141	39	176	376	49	5.53	<0.5		
PP19-103565		1.55	7	119	32	85	316	49	5.91	<0.5		
PP19-103566		2.14	8	128	34	82	335	50	6.00	<0.5		
PP19-103567		2.18	8	113	29	81	302	46	5.44	<0.5		
PP19-103568		2.19	6	114	35	95	297	45	5.30	<0.5		
PP19-103569		2.45	6	103	33	92	350	48	5.87	<0.5		
PP19-103570		2.35	4	102	34	82	336	49	5.88	<0.5		
PP19-103571		0.08	225	3420	787	>10000	>10000	952	3.97	3.9	16250	46900
PP19-103572		2.17	6	98	24	88	257	38	4.63	<0.5		
PP19-103573		1.97	3	102	25	63	303	43	5.40	<0.5		
PP19-103574		2.20	3	101	30	70	332	46	5.92	<0.5		
PP19-103575		1.89	3	96	22	73	299	44	5.33	<0.5		
PP19-103576		1.96	4	107	26	88	310	45	5.49	<0.5		
PP19-103577		2.17	5	107	29	75	307	45	5.57	<0.5		
PP19-103578		2.09	4	111	26	91	327	49	5.93	<0.5		
PP19-103579		2.16	5	118	34	88	306	46	5.59	<0.5		
PP19-103580		1.95	5	121	35	80	323	45	5.59	<0.5		
PP19-103581		2.20	5	122	35	79	337	46	5.78	<0.5		
PP19-103582		2.20	5	111	30	67	325	45	5.48	<0.5		
PP19-103583		2.27	7	82	25	119	274	45	5.06	<0.5		
PP19-103584		2.04	6	109	38	92	302	46	5.27	<0.5		
PP19-103585		2.12	6	105	31	92	310	49	5.63	<0.5		
PP19-103586		2.37	8	113	35	121	336	51	5.75	<0.5		
PP19-103587		2.41	26	185	47	365	477	55	5.89	<0.5		
PP19-103588		0.07	62	606	305	4610	4460	116	3.99	2.2		

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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			