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: 17-AUG-2019
Account: MZI

CERTIFICATE TB19183355

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 25-JUL-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 TB19183355

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
A0163659		1.40	1	<1	<5	2	3	2	13.40	<0.5		
A0163660		0.07	4830	2050	1330	90	85	65	0.26	0.8		
A0163661		2.64	108	1070	85	696	627	46	2.48	<0.5		
A0163662		2.54	201	1480	116	1190	833	50	2.42	0.7		
A0163663		2.27	166	952	70	710	612	48	2.80	<0.5		
A0163664		2.56	176	2290	166	1130	882	50	2.30	0.8		
A0163665		2.34	127	1180	82	1000	789	47	2.29	0.7		
A0163666		2.31	287	2780	222	1620	949	58	2.64	0.6		
A0163667		2.62	245	3140	349	1670	1135	67	2.83	0.8		
A0163668		2.40	238	2050	146	1230	900	55	2.88	0.6		
A0163669		2.39	146	1560	159	1120	922	52	2.51	0.8		
A0163670		2.66	146	1820	137	1050	754	43	1.72	0.8		
A0163671		1.67	305	3010	251	1820	1220	63	1.88	0.9		
A0163672		2.10	130	1900	149	1190	849	45	1.46	0.9		
A0163673		2.83	15	301	25	221	320	42	4.64	<0.5		
A0163674		2.62	23	298	27	293	346	34	4.38	<0.5		
A0163675		2.60	9	164	19	202	326	43	4.33	<0.5		
A0163676		2.70	75	787	77	744	793	55	4.54	0.7		
A0163677		2.47	128	1120	87	829	752	57	4.83	0.7		
A0163678		2.44	83	698	59	592	658	51	4.77	<0.5		
A0163679		0.07	87	600	296	4570	4360	117	4.02	2.0		
A0163680		2.58	122	561	71	631	683	56	5.56	<0.5		
A0163681		2.30	161	1060	109	1010	926	60	5.15	0.6		
A0163682		2.59	136	521	74	715	773	64	5.81	<0.5		
A0163683		2.51	244	1120	132	1410	1130	69	5.77	0.5		
A0163684		2.51	124	621	83	589	747	58	6.46	<0.5		
A0163685		2.39	122	622	80	806	815	70	7.01	<0.5		
A0163686		2.66	74	452	60	464	637	54	5.39	<0.5		
A0163687		2.30	152	1540	162	1290	1255	74	6.07	0.7		
A0163688		2.71	139	789	91	801	856	63	6.00	<0.5		
A0163689		2.70	200	585	83	770	828	70	7.20	<0.5		
A0163690		2.17	174	1050	168	916	1010	62	5.85	<0.5		
A0163691		1.90	330	783	84	655	740	55	5.83	<0.5		
A0163692		2.03	160	743	124	772	781	56	6.33	<0.5		
A0163693		2.46	107	693	148	609	755	50	5.69	0.5		
A0163694		2.36	121	993	117	713	811	56	4.98	0.5		
A0163695		1.94	228	1880	194	1350	1370	65	4.82	0.7		
A0163696		1.88	124	814	138	612	731	43	4.00	<0.5		
A0163697		1.84	247	1460	191	1280	1190	52	4.30	0.8		
A0163698		1.79	102	463	106	682	595	47	4.80	<0.5		

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CERTIFICATE OF ANALYSIS TB19183355

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
A0163699		1.30	<1	<1	<5	3	5	2	13.75	<0.5		
A0163700		2.08	94	1050	129	662	866	48	3.97	0.5		
A0163701		1.92	297	1980	188	1650	1420	66	4.90	0.7		
A0163702		1.89	167	1240	159	742	986	55	5.09	0.5		
A0163703		1.97	186	1030	149	1010	1145	64	5.34	0.6		
A0163704		2.19	132	1250	150	873	1120	60	5.68	0.5		
A0163705		1.77	509	3460	427	2430	2460	91	5.80	0.9		
A0163706		1.68	40	386	83	443	584	37	3.74	<0.5		
A0163707		2.28	128	896	162	1020	911	51	4.46	0.5		
A0163708		1.93	183	1310	185	1070	1330	70	6.01	0.6		
A0163709		2.14	177	1020	169	836	829	53	4.91	<0.5		
A0163710		1.97	74	659	139	624	803	51	4.84	<0.5		
A0163711		2.04	55	845	144	725	912	52	4.86	<0.5		
A0163712		2.07	34	447	141	370	544	42	4.97	<0.5		
A0163713		2.05	132	1230	213	976	998	57	5.24	<0.5		
A0163714		2.07	111	1920	201	667	612	39	4.14	<0.5		
A0163715		1.98	76	1550	329	755	608	40	3.87	<0.5		
A0163716		1.47	85	508	87	741	435	29	2.86	0.5		
A0163717		2.62	35	826	146	624	647	41	3.50	0.6		
A0163718		1.81	35	1060	238	423	599	38	3.36	<0.5		
A0163719		0.08	218	3270	768	>10000	>10000	955	3.92	4.1	15600	42700
A0163720		1.90	18	798	128	452	551	39	4.22	<0.5		
A0163721		1.97	15	630	147	250	485	51	5.93	<0.5		
A0163722		2.05	7	257	47	154	466	61	7.51	<0.5		
A0163723		2.03	11	569	74	143	582	60	7.13	<0.5		
A0163724		2.33	17	1160	129	204	544	34	2.67	<0.5		
A0163725		2.43	30	1730	106	933	1345	60	4.00	0.9		
A0163726		2.67	21	563	71	393	519	49	4.13	0.5		
A0163727		2.38	9	401	84	100	337	25	2.82	<0.5		
A0163728		2.26	23	1100	126	304	690	40	3.72	<0.5		
A0163729		2.72	9	786	134	85	435	37	4.26	<0.5		
A0163730		2.46	11	121	32	189	317	45	4.70	<0.5		
A0163731		2.40	11	117	22	233	300	58	5.37	<0.5		
A0163732		2.36	7	191	39	146	283	40	4.25	<0.5		
A0163733		2.56	7	57	18	196	353	62	6.10	<0.5		
A0163734		2.46	13	591	123	197	465	38	3.63	<0.5		
A0163735		2.15	15	464	108	414	443	37	3.56	<0.5		
A0163736		0.07	71	636	318	4530	4390	112	3.95	2.4		

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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			