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: 14-DEC-2019
Account: MZI

CERTIFICATE TB19305537

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 2-DEC-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 TB19305537

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
PP19-104135		2.11	<1	<1	<5	2	5	<1	11.70	<0.5		
PP19-104136		0.07	4940	2020	1290	86	87	62	0.26	0.7		
PP19-104137		2.40	124	1300	184	781	894	61	4.55	<0.5		
PP19-104138		2.20	89	614	102	485	529	53	5.23	<0.5		
PP19-104139		2.13	29	565	72	283	516	52	5.77	<0.5		
PP19-104140		2.23	13	485	69	66	399	42	6.05	<0.5		
PP19-104141		2.26	15	425	108	152	488	48	6.35	<0.5		
PP19-104142		2.13	5	220	109	84	454	46	6.48	<0.5		
PP19-104143		2.34	3	209	88	55	396	49	6.67	<0.5		
PP19-104144		2.30	16	524	114	271	508	50	5.90	<0.5		
PP19-104145		2.27	13	396	87	221	462	44	5.32	<0.5		
PP19-104146		2.01	30	327	96	215	424	44	5.27	<0.5		
PP19-104147		2.10	45	892	173	250	416	42	4.68	<0.5		
PP19-104148		2.18	48	601	78	527	417	33	3.81	<0.5		
PP19-104149		2.18	67	1100	120	627	544	38	3.76	<0.5		
PP19-104150		2.15	89	1740	172	745	837	46	4.28	<0.5		
PP19-104151		2.28	25	613	103	166	540	36	4.25	<0.5		
PP19-104152		2.25	290	6290	495	3460	2490	84	3.64	1.6		
PP19-104153		2.27	81	669	107	833	506	37	3.36	<0.5		
PP19-104154		2.19	42	721	190	475	420	30	2.48	<0.5		
PP19-104155		0.07	123	603	321	4460	4370	113	3.93	2.0		
PP19-104156		2.17	59	3650	344	1030	2020	74	4.64	0.7		
PP19-104157		2.34	45	1600	173	680	847	49	5.04	<0.5		
PP19-104158		2.25	134	1240	156	1055	826	48	4.23	<0.5		
PP19-104159		2.28	97	851	124	991	509	34	2.90	0.5		
PP19-104160		2.40	28	246	51	259	265	24	3.03	<0.5		
PP19-104161		2.34	64	497	98	453	329	30	3.22	0.5		
PP19-104162		2.22	30	390	66	257	340	31	3.41	<0.5		
PP19-104163		2.26	265	3100	277	1165	1310	58	3.70	0.7		
PP19-104164		2.28	85	661	66	408	601	59	5.64	<0.5		
PP19-104165		2.31	65	961	126	354	541	46	4.84	<0.5		
PP19-104166		2.23	7	353	46	52	328	22	2.70	<0.5		
PP19-104167		2.22	31	1530	273	324	558	36	2.75	0.5		
PP19-104168		2.29	89	1140	148	619	495	35	3.17	0.5		
PP19-104169		2.25	79	793	78	962	515	36	2.76	<0.5		
PP19-104170		2.31	22	574	185	113	288	37	4.84	<0.5		
PP19-104171		2.39	66	506	70	286	434	45	5.51	<0.5		
PP19-104172		2.23	67	761	91	313	463	45	5.73	<0.5		
PP19-104173		2.28	79	1380	149	430	772	59	6.21	0.5		
PP19-104174		2.38	25	594	47	284	581	51	4.70	<0.5		

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CERTIFICATE OF ANALYSIS TB19305537

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
PP19-104175		1.99	<1	2	<5	2	1	<1	11.60	<0.5		
PP19-104176		2.42	36	246	41	355	287	41	4.52	<0.5		
PP19-104177		2.33	476	5680	395	2190	2390	96	5.09	0.6		
PP19-104178		2.38	56	937	63	592	595	35	2.49	<0.5		
PP19-104179		2.34	66	734	94	585	396	29	2.27	<0.5		
PP19-104180		2.33	117	2250	179	916	778	38	2.99	<0.5		
PP19-104181		2.39	42	792	95	269	409	39	5.15	<0.5		
PP19-104182		2.47	16	314	24	141	521	65	9.32	<0.5		
PP19-104183		2.38	12	101	44	102	361	44	6.01	<0.5		
PP19-104184		2.40	6	26	9	85	327	57	8.21	<0.5		
PP19-104185		2.22	16	115	47	198	218	26	2.90	<0.5		
PP19-104186		2.32	9	275	57	147	259	25	2.82	<0.5		
PP19-104187		2.45	10	321	64	141	378	29	2.90	<0.5		
PP19-104188		2.35	30	1440	161	451	1060	57	2.86	<0.5		
PP19-104189		2.25	17	498	84	251	353	26	2.91	<0.5		
PP19-104190		2.27	4	203	58	37	220	20	2.35	<0.5		
PP19-104191		2.25	8	157	55	107	199	23	2.51	<0.5		
PP19-104192		2.30	11	119	67	128	160	21	2.18	<0.5		
PP19-104193		2.38	23	1240	156	121	426	32	2.52	<0.5		
PP19-104194		2.28	7	177	71	68	289	36	4.20	<0.5		
PP19-104195		0.12	249	3430	790	>10000	>10000	953	4.00	4.0	16300	46200
PP19-104196		2.21	11	1160	227	132	478	39	4.06	<0.5		
PP19-104197		2.21	4	294	74	46	226	25	2.80	<0.5		
PP19-104198		2.22	12	246	93	298	171	20	1.87	<0.5		
PP19-104199		2.39	13	509	89	303	234	23	1.90	<0.5		
PP19-104200		2.27	13	800	99	192	396	25	1.97	<0.5		
PP19-104201		2.25	2	114	39	33	185	18	1.99	<0.5		
PP19-104202		2.25	15	291	60	394	311	28	2.81	<0.5		
PP19-104203		2.28	5	217	41	66	262	25	2.51	<0.5		
PP19-104204		2.20	5	476	74	64	405	30	3.43	<0.5		
PP19-104205		2.29	8	755	208	57	437	44	5.90	<0.5		
PP19-104206		2.08	4	399	109	55	470	48	6.35	<0.5		
PP19-104207		2.01	3	315	78	41	339	43	5.68	<0.5		
PP19-104208		2.42	4	255	70	51	384	52	6.97	<0.5		
PP19-104209		2.36	13	821	189	130	408	42	5.40	<0.5		
PP19-104210		2.28	25	1300	225	556	799	50	5.27	0.5		
PP19-104211		2.41	12	218	61	112	348	39	5.41	<0.5		
PP19-104212		0.07	81	595	289	4540	4380	114	3.89	1.9		

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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			