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: 29-NOV-2019
Account: MZI

CERTIFICATE TB19278465

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 4-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 TB19278465

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
PP19-103199		1.31	<1	<1	<5	6	4	<1	12.25	<0.5		
PP19-103200		0.07	4580	1995	1300	89	85	62	0.26	1.0		
PP19-103201		2.35	99	697	70	515	653	57	6.77	<0.5		
PP19-103202		2.32	228	1365	105	755	909	59	5.26	<0.5		
PP19-103203		2.31	35	202	24	264	367	49	5.55	<0.5		
PP19-103204		2.38	95	701	76	556	546	46	4.94	<0.5		
PP19-103205		2.41	43	496	48	378	491	52	5.26	<0.5		
PP19-103206		2.30	35	97	9	237	321	46	5.26	<0.5		
PP19-103207		2.32	18	45	10	132	275	44	5.11	<0.5		
PP19-103208		2.30	40	391	25	297	417	47	5.28	<0.5		
PP19-103209		2.26	39	143	19	259	331	50	5.56	<0.5		
PP19-103210		2.28	82	1040	99	426	521	52	5.40	<0.5		
PP19-103211		2.22	83	619	55	411	550	56	5.57	<0.5		
PP19-103212		2.26	53	408	54	356	458	50	5.42	<0.5		
PP19-103213		2.42	17	49	12	187	352	51	5.81	<0.5		
PP19-103214		2.47	35	235	37	363	450	53	5.68	<0.5		
PP19-103215		2.02	33	198	15	233	349	51	5.55	<0.5		
PP19-103216		2.20	22	211	15	313	360	51	5.47	<0.5		
PP19-103217		2.23	32	648	60	312	446	50	5.46	<0.5		
PP19-103218		2.25	140	461	41	370	452	50	5.83	<0.5		
PP19-103219		0.07	136	626	329	4610	4430	113	3.89	1.8		
PP19-103220		2.53	57	649	61	307	542	51	6.11	<0.5		
PP19-103221		2.38	20	132	21	213	399	49	6.20	<0.5		
PP19-103222		2.42	27	364	47	183	439	50	6.18	<0.5		
PP19-103223		2.47	30	225	39	200	410	47	6.19	<0.5		
PP19-103224		2.45	13	162	17	157	384	49	6.37	<0.5		
PP19-103225		2.37	20	69	19	163	370	48	6.34	<0.5		
PP19-103226		2.32	22	184	33	195	442	50	6.59	<0.5		
PP19-103227		2.44	33	557	38	246	445	51	6.35	<0.5		
PP19-103228		2.38	35	175	24	339	469	50	6.06	<0.5		
PP19-103229		2.40	97	714	122	490	683	57	5.84	<0.5		
PP19-103230		2.28	211	1555	102	731	797	53	5.30	<0.5		
PP19-103231		2.35	47	471	58	236	450	45	5.73	<0.5		
PP19-103232		2.42	221	1640	148	745	978	61	5.74	<0.5		
PP19-103233		2.56	101	1140	191	426	772	57	6.05	<0.5		
PP19-103234		2.41	118	870	161	402	640	53	6.02	<0.5		
PP19-103235		2.44	373	2050	285	727	877	64	6.22	<0.5		
PP19-103236		2.42	191	1655	147	931	977	59	5.62	<0.5		
PP19-103237		2.36	251	1635	158	1140	1190	54	3.95	0.7		
PP19-103238		2.41	437	2170	209	1260	1200	61	4.38	0.6		

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CERTIFICATE OF ANALYSIS TB19278465

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
PP19-103239		0.82	<1	4	<5	4	1	<1	12.90	<0.5		
PP19-103240		2.42	51	584	64	249	544	43	5.45	<0.5		
PP19-103241		2.31	183	1900	176	841	989	57	5.55	<0.5		
PP19-103242		2.20	130	2150	239	351	936	49	4.41	0.5		
PP19-103243		2.24	14	423	73	160	466	54	7.80	<0.5		
PP19-103244		2.20	11	87	25	119	466	59	8.67	<0.5		
PP19-103245		2.28	87	1525	253	692	879	54	7.38	<0.5		
PP19-103246		2.23	20	652	151	110	434	36	4.65	<0.5		
PP19-103247		2.35	40	1520	350	265	670	41	4.48	<0.5		
PP19-103248		2.07	130	2640	542	990	944	48	4.45	<0.5		
PP19-103249		2.16	105	1780	359	864	782	45	4.43	0.6		
PP19-103250		2.28	486	3950	619	1080	1385	60	4.47	0.8		
PP19-103251		2.28	295	3900	717	927	1225	56	4.49	0.7		
PP19-103252		2.12	381	4330	643	1430	1300	55	4.81	0.9		
PP19-103253		2.37	198	1900	176	851	1010	55	5.80	<0.5		
PP19-103254		2.27	413	3670	287	1720	1890	65	5.20	1.3		
PP19-103255		2.34	115	889	168	452	568	46	5.91	<0.5		
PP19-103256		2.32	449	2670	205	1400	1395	60	6.11	0.5		
PP19-103257		2.32	232	4130	962	1710	1260	58	5.42	0.8		
PP19-103258		2.19	262	2180	223	921	1015	51	5.65	0.9		
PP19-103259		0.12	259	3440	819	>10000	>10000	1005	4.06	4.2	16050	45200
PP19-103260		2.06	119	1120	113	701	858	66	7.04	<0.5		
PP19-103261		2.29	264	1540	123	809	1015	55	4.98	0.9		
PP19-103262		2.29	27	73	17	171	320	40	4.75	<0.5		
PP19-103263		2.29	269	1900	152	601	970	57	6.02	0.6		
PP19-103264		2.15	180	1430	112	831	970	59	5.42	0.8		
PP19-103265		2.11	116	794	98	529	629	42	4.31	<0.5		
PP19-103266		2.22	71	615	86	344	532	38	4.03	<0.5		
PP19-103267		2.05	84	1120	116	492	767	46	4.88	<0.5		
PP19-103268		2.14	85	668	72	340	514	36	4.48	<0.5		
PP19-103269		2.06	13	485	72	121	463	30	4.17	<0.5		
PP19-103270		2.36	6	250	62	36	341	31	4.29	<0.5		
PP19-103271		2.07	10	618	74	56	506	37	4.40	<0.5		
PP19-103272		2.24	8	312	72	55	336	32	4.48	<0.5		
PP19-103273		2.22	10	364	70	69	343	33	4.51	<0.5		
PP19-103274		2.24	52	1400	150	448	847	46	4.62	<0.5		
PP19-103275		2.29	20	129	60	117	336	37	5.42	<0.5		
PP19-103276		0.07	66	597	320	4570	4370	111	3.88	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			