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: 23-OCT-2019
Account: MZI

CERTIFICATE TB19247006

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 TB19247006

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
PP19-101483		1.82	<1	1	<5	<1	<1	<1	12.90	0.6		
PP19-101484		0.07	4680	2040	1290	90	90	62	0.29	0.7		
PP19-101485		2.65	65	501	48	315	420	60	4.69	<0.5		
PP19-101486		2.43	48	380	27	309	354	49	4.17	<0.5		
PP19-101487		2.40	33	31	5	226	265	40	3.36	<0.5		
PP19-101488		2.50	79	386	32	415	350	35	2.46	0.5		
PP19-101489		2.54	91	514	54	533	459	46	3.08	0.5		
PP19-101490		2.58	56	530	35	406	411	44	3.00	<0.5		
PP19-101491		2.54	147	1150	95	908	764	54	3.12	0.6		
PP19-101492		2.49	87	497	38	397	408	44	3.27	<0.5		
PP19-101493		2.60	38	145	20	317	346	44	3.26	0.6		
PP19-101494		2.33	86	338	25	559	493	50	3.74	<0.5		
PP19-101495		2.42	111	407	36	615	544	47	3.15	0.6		
PP19-101496		2.22	148	831	59	649	571	51	3.05	<0.5		
PP19-101497		2.88	121	999	104	788	658	54	3.41	0.6		
PP19-101498		2.52	38	166	28	268	327	52	4.26	<0.5		
PP19-101499		2.76	36	186	22	284	416	64	5.11	<0.5		
PP19-101500		2.61	7	5	5	124	249	58	4.88	<0.5		
PP19-101501		2.59	45	164	26	308	349	54	4.89	0.7		
PP19-101502		2.50	89	529	42	572	569	71	5.45	0.7		
PP19-101503		0.07	95	609	304	4660	4510	117	4.05	2.3		
PP19-101504		1.88	41	179	32	345	504	59	6.79	0.5		
PP19-101505		3.32	35	185	30	281	545	62	7.73	<0.5		
PP19-101506		2.40	20	156	28	253	640	83	10.45	<0.5		
PP19-101507		2.81	20	146	29	277	635	89	10.75	0.5		
PP19-101508		2.80	17	162	33	240	566	76	9.34	0.5		
PP19-101509		2.35	14	150	30	173	406	57	6.82	<0.5		
PP19-101510		2.58	28	160	33	286	521	72	8.40	0.5		
PP19-101511		2.50	18	175	34	180	472	61	7.28	<0.5		
PP19-101512		2.50	21	181	38	213	457	61	7.14	<0.5		
PP19-101513		1.85	17	157	28	154	364	51	5.95	<0.5		
PP19-101514		1.74	19	272	41	199	413	52	5.62	<0.5		
PP19-101515		2.74	8	29	9	224	252	55	5.16	<0.5		
PP19-101516		2.59	14	56	12	188	290	56	5.50	0.5		
PP19-101517		2.87	9	137	26	156	379	56	6.43	<0.5		
PP19-101518		2.38	9	157	28	136	397	56	6.78	0.5		
PP19-101519		2.36	14	186	36	172	383	50	5.90	<0.5		
PP19-101520		2.39	20	347	49	186	406	49	5.48	0.5		
PP19-101521		2.41	11	126	23	150	337	52	5.71	0.5		
PP19-101522		2.41	15	165	31	167	367	49	5.54	<0.5		

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THUNDER BAY ON P7B 2R2

Finalized Date: 23-OCT-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19247006

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
PP19-101523		3.00	<1	1	<5	<1	<1	<1	10.95	<0.5		
PP19-101524		2.39	22	188	42	203	365	47	5.30	<0.5		
PP19-101525		2.42	11	113	24	150	421	50	6.13	<0.5		
PP19-101526		2.21	21	212	39	304	617	75	9.38	0.5		
PP19-101527		2.39	53	626	73	330	628	68	8.39	<0.5		
PP19-101528		2.17	40	562	47	311	756	83	10.15	0.5		
PP19-101529		2.38	28	705	83	653	928	80	8.72	0.8		
PP19-101530		2.38	34	211	40	273	508	57	6.52	0.5		
PP19-101531		2.33	17	152	25	140	421	56	6.66	0.5		
PP19-101532		2.26	18	142	26	146	452	60	7.16	<0.5		
PP19-101533		2.40	18	183	29	151	451	58	6.89	<0.5		
PP19-101534		2.34	10	143	22	123	448	61	7.58	0.5		
PP19-101535		2.11	4	130	23	105	450	63	7.66	<0.5		
PP19-101536		2.33	5	211	25	234	470	63	7.07	<0.5		
PP19-101537		2.16	15	102	21	315	442	52	5.74	0.6		
PP19-101538		2.16	59	417	76	673	681	60	5.53	0.9		
PP19-101539		2.21	8	89	15	136	432	52	6.57	<0.5		
PP19-101540		2.19	42	851	95	440	705	56	5.69	<0.5		
PP19-101541		2.17	12	242	37	222	421	54	5.56	0.5		
PP19-101542		2.24	17	52	9	268	401	55	5.74	<0.5		
PP19-101543		0.12	254	3500	807	>10000	>10000	1035	4.12	4.4	16300	44900
PP19-101544		2.27	41	597	69	497	540	53	4.80	<0.5		
PP19-101545		2.40	20	86	8	308	393	50	5.19	0.5		
PP19-101546		2.21	9	165	12	196	328	47	4.67	<0.5		
PP19-101547		2.32	14	41	5	290	436	57	5.54	0.5		
PP19-101548		2.25	10	10	<5	167	319	51	5.38	<0.5		
PP19-101549		2.06	20	265	20	283	481	54	5.25	<0.5		
PP19-101550		2.15	7	23	<5	151	291	58	5.62	<0.5		
PP19-101551		1.79	2	1	<5	55	8	1	0.18	<0.5		
PP19-101552		1.61	3	<1	<5	94	1	1	0.04	<0.5		
PP19-101553		1.62	8	<1	<5	239	2	2	0.05	<0.5		
PP19-101554		1.60	3	9	<5	123	231	40	4.18	<0.5		
PP19-101555		1.88	19	124	22	334	412	55	5.60	<0.5		
PP19-101556		2.28	23	87	11	411	455	55	5.71	<0.5		
PP19-101557		2.31	21	115	15	318	403	52	5.61	<0.5		
PP19-101558		2.30	12	62	7	232	324	53	5.23	<0.5		
PP19-101559		2.26	15	88	15	262	395	55	5.69	<0.5		
PP19-101560		0.07	58	606	297	4680	4380	114	3.98	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			