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: 15-DEC-2019
Account: MZI

CERTIFICATE TB19305535

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 TB19305535

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
PP19-104291		1.53	<1	1	<5	2	4	<1	11.65	<0.5		
PP19-104292		0.07	5340	2130	1330	89	88	63	0.26	0.5		
PP19-104293		2.41	18	374	115	125	622	83	11.60	<0.5		
PP19-104294		2.33	26	547	124	174	651	81	10.95	<0.5		
PP19-104295		2.26	8	349	109	80	547	71	9.75	<0.5		
PP19-104296		2.25	8	339	111	82	529	66	8.98	<0.5		
PP19-104297		2.37	25	1040	202	155	612	74	10.50	<0.5		
PP19-104298		2.05	15	428	128	112	546	71	9.72	<0.5		
PP19-104299		2.34	65	695	53	411	478	47	5.71	1.4		
PP19-104300		2.25	19	297	40	405	565	51	6.08	<0.5		
PP19-104301		2.26	12	167	15	245	432	46	6.11	<0.5		
PP19-104302		2.14	28	348	37	454	655	56	6.58	<0.5		
PP19-104303		2.19	22	129	25	312	495	51	5.74	<0.5		
PP19-104304		2.17	25	647	187	159	624	87	11.10	<0.5		
PP19-104305		2.38	18	709	246	132	628	89	11.75	<0.5		
PP19-104306		2.20	15	395	129	179	506	74	8.84	<0.5		
PP19-104307		2.19	11	589	195	99	609	89	11.05	<0.5		
PP19-104308		2.24	12	559	178	98	548	81	10.35	<0.5		
PP19-104309		2.23	19	103	25	130	372	49	6.17	<0.5		
PP19-104310		2.16	23	98	27	136	403	52	6.43	<0.5		
PP19-104311		0.07	89	587	322	4620	4370	117	4.03	1.9		
PP19-104312		2.60	22	74	24	139	374	50	6.35	<0.5		
PP19-104313		1.58	14	144	33	105	381	54	6.66	<0.5		
PP19-104314		2.66	23	430	131	182	593	79	9.98	<0.5		
PP19-104315		1.89	56	526	148	514	795	84	9.64	0.5		
PP19-104316		2.16	46	533	172	445	763	84	10.05	<0.5		
PP19-104317		2.36	24	580	227	215	681	91	11.75	<0.5		
PP19-104318		2.28	23	100	31	297	500	54	6.41	<0.5		
PP19-104319		1.66	30	162	46	308	567	71	8.41	<0.5		
PP19-104320		2.78	6	355	95	106	640	93	12.15	<0.5		
PP19-104321		2.36	14	339	68	178	646	83	10.75	<0.5		
PP19-104322		2.11	6	305	81	77	681	93	12.40	<0.5		
PP19-104323		2.11	9	357	96	92	690	94	12.40	<0.5		
PP19-104324		2.15	6	374	94	72	710	93	12.80	<0.5		
PP19-104325		2.50	6	393	100	70	711	92	12.85	<0.5		
PP19-104326		2.51	8	317	85	69	745	98	13.40	<0.5		
PP19-104327		2.52	6	327	88	80	708	95	13.20	<0.5		
PP19-104328		2.12	8	252	63	70	585	78	10.80	<0.5		
PP19-104329		2.36	9	349	90	78	675	87	12.15	<0.5		
PP19-104330		2.54	16	338	76	93	658	85	11.90	<0.5		

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CERTIFICATE OF ANALYSIS TB19305535

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
PP19-104331		2.43	<1	1	<5	1	1	1	12.20	<0.5		
PP19-104332		2.52	11	320	82	99	687	87	11.95	<0.5		
PP19-104333		2.31	11	320	79	86	719	92	12.85	<0.5		
PP19-104334		2.43	20	384	98	143	753	89	12.75	<0.5		
PP19-104335		2.48	33	408	94	204	801	94	13.30	<0.5		
PP19-104336		2.58	28	371	94	185	768	89	12.90	<0.5		
PP19-104337		2.47	26	331	85	134	727	90	12.70	<0.5		
PP19-104338		2.43	8	308	84	64	687	88	12.65	<0.5		
PP19-104339		2.31	7	370	96	52	688	82	12.00	<0.5		
PP19-104340		2.23	4	396	96	20	670	77	11.75	<0.5		
PP19-104341		2.34	6	335	93	66	692	81	11.80	<0.5		
PP19-104342		2.39	6	280	78	84	658	79	11.35	<0.5		
PP19-104343		2.31	10	290	80	150	733	84	11.45	<0.5		
PP19-104344		2.42	3	268	63	66	595	75	10.40	<0.5		
PP19-104345		3.34	4	311	80	68	630	81	11.10	<0.5		
PP19-104346		1.72	11	420	91	207	603	78	10.20	<0.5		
PP19-104347		1.46	8	57	14	381	162	23	2.56	<0.5		
PP19-104348		2.36	122	3830	272	1680	1650	66	5.48	<0.5		
PP19-104349		2.19	30	1500	108	328	950	59	7.63	<0.5		
PP19-104350		2.20	68	2910	160	693	1415	72	7.49	<0.5		
PP19-104351		0.12	279	3280	769	>10000	>10000	953	3.89	4.1	16350	45700
PP19-104352		1.92	2	232	23	378	365	57	6.35	<0.5		
PP19-104353		2.34	5	39	16	107	318	46	6.44	<0.5		
PP19-104354		2.40	17	66	22	131	353	46	5.68	<0.5		
PP19-104355		1.92	16	87	15	346	494	56	6.56	<0.5		
PP19-104356		2.28	28	149	25	117	351	50	5.94	<0.5		
PP19-104357		2.18	7	16	10	117	348	49	5.86	<0.5		
PP19-104358		2.55	3	19	8	122	315	48	5.69	<0.5		
PP19-104359		2.38	3	162	19	286	373	50	5.61	<0.5		
PP19-104360		2.49	1	16	6	264	278	45	5.04	<0.5		
PP19-104361		2.50	1	11	<5	335	232	44	5.43	<0.5		
PP19-104362		2.40	2	5	<5	79	189	43	5.15	<0.5		
PP19-104363		2.17	11	41	10	294	282	44	5.48	<0.5		
PP19-104364		2.33	7	28	8	179	289	51	5.26	<0.5		
PP19-104365		2.37	10	89	31	148	329	56	5.54	<0.5		
PP19-104366		2.33	<1	10	<5	42	227	35	4.40	<0.5		
PP19-104367		2.47	2	18	<5	100	246	43	5.15	<0.5		
PP19-104368		0.07	71	624	310	4590	4390	110	3.86	2.0		

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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			