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: 12-JUL-2019
Account: MZI

CERTIFICATE TB19152582

Project: EMB

P.O. No.: 218459

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 23-JUN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	DENIS DECHARTE DAVE PECK	JILL MAXWELL 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 TB19152582

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
A0150849		2.34	1	<1	<5	<1	<1	<1	13.75	<0.5		
A0150850		0.08	4370	2080	1320	89	85	62	0.27	0.8		
A0150851		2.79	6	64	16	81	349	85	8.95	<0.5		
A0150852		2.55	7	81	18	77	325	78	8.08	<0.5		
A0150853		2.52	6	56	16	91	321	76	7.91	<0.5		
A0150854		2.72	9	89	23	93	332	80	8.26	<0.5		
A0150855		2.55	10	78	20	94	365	87	9.23	<0.5		
A0150856		2.67	5	67	16	57	268	63	6.78	<0.5		
A0150857		2.42	3	96	23	50	345	78	8.43	<0.5		
A0150858		2.60	7	84	21	104	387	92	9.75	<0.5		
A0150859		2.29	6	84	22	127	346	80	8.64	<0.5		
A0150860		2.58	7	120	30	98	368	85	8.98	<0.5		
A0150861		2.43	8	107	26	96	350	81	8.51	<0.5		
A0150862		2.56	6	104	25	89	338	77	8.19	<0.5		
A0150863		2.79	10	103	24	92	321	76	8.08	<0.5		
A0150864		2.53	8	88	21	93	283	66	6.57	<0.5		
A0150865		2.77	12	115	28	127	350	78	7.81	<0.5		
A0150866		2.22	6	67	16	78	257	58	5.99	<0.5		
A0150867		2.34	9	89	18	86	280	62	6.50	<0.5		
A0150868		2.55	5	48	10	79	238	55	5.55	<0.5		
A0150869		0.07	51	604	307	4500	4310	112	4.01	2.1		
A0150870		2.32	5	49	11	99	360	84	9.01	<0.5		
A0150871		2.89	10	59	14	71	357	83	9.05	<0.5		
A0150872		2.61	10	79	17	92	339	82	8.87	<0.5		
A0150873		2.41	2	72	17	65	326	78	8.43	<0.5		
A0150874		2.44	5	62	11	94	374	90	9.63	<0.5		
A0150875		2.46	7	50	13	95	320	76	8.02	<0.5		
A0150876		2.65	8	39	8	77	273	66	6.61	<0.5		
A0150877		2.00	3	36	9	32	279	68	7.28	<0.5		
A0150878		2.26	4	38	9	64	355	87	9.21	<0.5		
A0150879		2.43	2	25	7	64	296	73	7.52	<0.5		
A0150880		1.92	10	24	6	63	244	59	6.23	<0.5		
A0150881		2.47	2	23	6	47	267	67	6.99	<0.5		
A0150882		2.35	3	25	8	51	254	62	6.62	<0.5		
A0150883		2.75	5	90	20	72	355	81	8.84	<0.5		
A0150884		2.62	6	66	13	81	291	60	6.25	<0.5		
A0150885		2.51	3	70	13	39	302	69	7.25	<0.5		
A0150886		2.21	4	114	29	29	324	68	7.28	<0.5		
A0150887		2.69	33	465	88	211	410	65	6.67	<0.5		
A0150888		2.45	56	527	106	327	539	91	9.47	<0.5		

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CERTIFICATE OF ANALYSIS TB19152582

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
A0150889		1.56	<1	1	<5	1	2	<1	12.75	<0.5		
A0150890		2.00	9	141	27	96	356	71	7.96	<0.5		
A0150891		2.31	10	92	20	197	300	60	6.12	<0.5		
A0150892		1.57	4	50	10	53	230	49	5.22	<0.5		
A0150893		2.50	9	104	21	87	323	72	7.54	<0.5		
A0150894		2.53	10	104	21	102	367	81	8.57	<0.5		
A0150895		2.51	7	103	21	88	314	70	7.35	<0.5		
A0150896		2.39	7	100	19	89	330	72	7.79	<0.5		
A0150897		2.61	9	104	22	97	339	74	7.99	<0.5		
A0150898		2.90	23	229	46	201	438	87	9.18	<0.5		
A0150899		2.32	7	67	14	90	365	84	8.81	<0.5		
A0150900		2.56	18	100	18	101	288	61	6.58	<0.5		
A0150901		2.81	7	36	8	90	286	62	6.47	<0.5		
A0150902		2.77	8	49	17	163	319	57	5.68	<0.5		
A0150903		2.48	5	54	16	86	252	53	5.45	<0.5		
A0150904		2.47	5	41	9	86	251	61	5.94	<0.5		
A0150905		2.71	8	99	17	129	343	78	8.00	<0.5		
A0150906		2.56	6	92	17	76	271	59	6.12	<0.5		
A0150907		2.67	5	86	16	79	318	72	7.54	<0.5		
A0150908		2.49	6	64	14	68	290	65	6.84	<0.5		
A0150909		0.08	244	3470	790	>10000	>10000	947	3.98	4.0	15850	45200
A0150910		2.62	3	29	6	106	369	85	8.35	<0.5		
A0150911		2.63	3	36	8	98	354	82	8.46	<0.5		
A0150912		2.50	5	39	9	91	324	79	8.03	<0.5		
A0150913		2.74	3	35	8	105	344	82	8.29	<0.5		
A0150914		2.86	2	28	5	88	273	66	6.71	<0.5		
A0150915		2.29	3	26	8	70	281	65	7.02	<0.5		
A0150916		2.56	2	35	8	76	327	77	8.42	<0.5		
A0150917		2.49	3	38	9	72	321	79	8.28	<0.5		
A0150918		2.48	3	34	10	75	329	81	8.48	<0.5		
A0150919		2.59	3	38	11	84	351	85	8.61	<0.5		
A0150920		2.72	2	28	7	66	335	85	8.65	<0.5		
A0150921		2.54	2	34	8	66	324	81	8.56	<0.5		
A0150922		2.54	3	51	11	71	316	81	8.27	<0.5		
A0150923		2.55	3	48	9	62	325	84	8.67	<0.5		
A0150924		2.65	2	29	8	59	308	81	8.57	<0.5		
A0150925		2.57	3	26	7	63	310	82	8.48	<0.5		
A0150926		0.07	70	584	305	4420	4320	111	3.93	2.1		

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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			