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: 28-JUN-2019
Account: MZI

CERTIFICATE TB19144447

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 14-JUN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK	DENIS DECHARTE 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 TB19144447

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
A0161865		1.24	3	1	<5	3	1	2	13.40	<0.5		
A0161866		0.08	4770	1980	1280	88	85	64	0.29	0.8		
A0161867		2.02	3	16	7	30	145	39	3.66	<0.5		
A0161868		3.13	5	39	11	80	244	67	6.64	<0.5		
A0161869		3.29	12	145	30	150	405	99	10.35	<0.5		
A0161870		2.59	9	68	17	123	306	76	7.40	<0.5		
A0161871		1.64	7	50	13	76	229	57	5.11	<0.5		
A0161872		3.17	9	86	21	86	367	92	9.98	<0.5		
A0161873		2.80	9	39	10	111	193	47	4.59	<0.5		
A0161874		2.69	4	15	6	37	150	42	3.95	<0.5		
A0161875		2.70	7	60	14	84	180	45	4.24	<0.5		
A0161876		2.62	16	48	11	169	198	42	3.57	<0.5		
A0161877		2.37	9	15	8	115	158	48	3.84	<0.5		
A0161878		2.54	8	55	14	96	231	47	4.90	<0.5		
A0161879		2.59	3	14	6	40	153	42	3.93	<0.5		
A0161880		2.53	6	58	15	61	179	43	4.06	<0.5		
A0161881		2.61	7	49	13	75	161	38	3.69	<0.5		
A0161882		2.46	5	30	9	73	148	39	3.64	<0.5		
A0161883		2.52	4	33	11	66	128	37	3.36	<0.5		
A0161884		2.94	4	20	9	63	146	38	3.55	<0.5		
A0161885		0.07	100	612	295	4420	4340	115	4.00	2.0		
A0161886		2.18	7	103	19	176	333	80	7.11	<0.5		
A0161887		2.43	8	15	5	78	238	79	7.70	<0.5		
A0161888		2.91	2	17	6	51	158	40	4.00	<0.5		
A0161889		2.74	7	71	15	103	167	39	3.52	<0.5		
A0161890		2.53	4	20	7	63	124	33	2.75	<0.5		
A0161891		1.82	12	188	35	280	230	38	2.81	<0.5		
A0161892		2.69	10	90	21	121	193	39	3.63	<0.5		
A0161893		2.37	7	3	<5	126	147	64	5.65	<0.5		
A0161894		2.61	5	3	<5	112	187	53	5.09	<0.5		
A0161895		2.66	4	152	21	45	225	51	4.79	<0.5		
A0161896		2.31	3	92	10	16	240	55	4.83	<0.5		
A0161897		2.60	3	63	<5	27	232	52	4.43	<0.5		
A0161898		2.09	2	460	61	5	239	42	4.55	<0.5		
A0161899		2.95	16	168	28	62	256	52	4.60	<0.5		
A0161900		2.39	9	164	32	32	259	51	4.86	<0.5		
A0161901		2.65	43	359	52	43	307	56	5.19	<0.5		
A0161902		2.25	26	470	52	57	287	44	4.47	<0.5		
A0161903		2.32	23	157	21	58	270	45	4.42	<0.5		
A0161904		2.41	14	250	52	65	324	49	4.73	<0.5		

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CERTIFICATE OF ANALYSIS TB19144447

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
A0161905		1.45	<1	2	<5	1	1	<1	14.15	<0.5		
A0161906		2.34	10	331	39	52	315	51	4.97	<0.5		
A0161907		2.27	7	69	15	43	256	46	4.10	<0.5		
A0161908		2.37	2	45	<5	24	292	54	4.98	<0.5		
A0161909		2.18	2	64	<5	31	179	37	2.91	<0.5		
A0161910		2.30	3	50	<5	17	177	32	2.89	<0.5		
A0161911		2.38	3	33	<5	30	216	41	3.52	<0.5		
A0161912		2.25	21	83	17	89	416	77	7.36	<0.5		
A0161913		2.32	3	40	<5	26	161	36	3.11	<0.5		
A0161914		2.02	2	45	<5	19	146	34	2.82	<0.5		
A0161915		2.42	4	39	5	24	141	34	2.74	<0.5		
A0161916		2.19	3	47	<5	24	162	39	3.39	<0.5		
A0161917		2.22	1	61	<5	14	164	40	3.56	<0.5		
A0161918		2.15	2	64	<5	24	191	48	4.24	<0.5		
A0161919		2.11	<1	103	<5	8	151	36	3.23	<0.5		
A0161920		2.12	1	85	<5	13	158	38	3.29	<0.5		
A0161921		2.23	1	102	5	8	126	28	2.57	<0.5		
A0161922		2.57	1	102	<5	16	174	45	3.91	<0.5		
A0161923		1.89	6	17	<5	221	164	64	5.49	<0.5		
A0161924		1.98	8	43	7	186	163	45	4.32	<0.5		
A0161925		0.08	218	3490	855	>10000	>10000	963	4.01	4.0	16300	45900
A0161926		2.17	14	142	22	270	276	44	2.92	<0.5		
A0161927		2.15	27	151	24	480	348	53	3.23	<0.5		
A0161928		2.07	31	274	41	498	408	54	3.45	<0.5		
A0161929		2.09	36	86	14	627	387	47	2.63	<0.5		
A0161930		2.10	22	100	14	451	361	50	2.82	<0.5		
A0161931		2.37	48	275	45	561	480	78	5.57	<0.5		
A0161932		2.22	29	149	32	891	548	99	5.10	<0.5		
A0161933		2.48	27	102	25	967	709	111	6.07	0.5		
A0161934		2.34	29	84	24	1130	723	137	8.31	2.0		
A0161935		2.08	38	90	21	1110	572	97	3.51	0.7		
A0161936		2.38	27	50	18	801	568	125	7.26	<0.5		
A0161937		2.17	25	44	17	926	626	148	9.00	<0.5		
A0161938		2.27	18	45	18	1010	773	151	8.94	<0.5		
A0161939		2.36	12	34	17	595	551	136	9.13	<0.5		
A0161940		2.35	26	61	24	937	561	133	8.63	<0.5		
A0161941		2.33	17	36	18	665	503	130	8.80	<0.5		
A0161942		0.07	104	612	300	4410	4290	114	4.01	1.8		

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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			