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: 14-FEB-2019
Account: MZI

CERTIFICATE TB19024920

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 31-JAN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER 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 TB19024920

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
A0125469		1.78	<1	<1	<5	1	2	1	14.05	<0.5		
A0125470		0.08	4190	2010	1300	88	86	64	0.26	0.8		
A0125471		2.30	5	31	<5	89	217	44	4.92	<0.5		
A0125472		2.32	3	32	<5	82	213	46	5.12	<0.5		
A0125473		2.40	1	1	<5	41	198	49	5.29	<0.5		
A0125474		2.31	<1	<1	<5	34	187	48	5.01	<0.5		
A0125475		2.32	1	<1	<5	48	176	47	5.19	<0.5		
A0125476		2.37	4	37	<5	139	240	55	5.17	<0.5		
A0125477		2.40	4	4	<5	147	211	53	4.93	<0.5		
A0125478		2.27	3	54	8	105	237	51	5.04	<0.5		
A0125479		2.36	7	2	<5	258	350	57	4.61	<0.5		
A0125480		2.40	4	2	<5	132	306	54	5.36	<0.5		
A0125481		2.31	6	<1	<5	196	275	53	4.88	<0.5		
A0125482		2.32	4	20	<5	144	217	53	4.71	<0.5		
A0125483		2.46	45	379	62	392	437	58	4.61	<0.5		
A0125484		2.36	6	60	<5	159	227	52	4.84	<0.5		
A0125485		2.36	3	20	14	117	187	54	4.84	<0.5		
A0125486		2.39	7	23	<5	426	390	66	4.30	<0.5		
A0125487		2.31	6	1	<5	342	373	68	4.51	<0.5		
A0125488		2.44	3	15	<5	224	218	57	3.65	<0.5		
A0125489		0.08	64	596	312	4390	4280	111	3.97	1.9		
A0125490		2.52	3	<1	<5	201	211	55	4.29	<0.5		
A0125491		2.43	6	158	10	193	236	54	4.61	<0.5		
A0125492		2.49	12	376	36	211	313	59	4.63	<0.5		
A0125493		2.48	10	414	22	214	219	55	4.29	<0.5		
A0125494		2.27	35	400	29	222	224	57	4.53	<0.5		
A0125495		2.48	1	<1	<5	95	190	51	5.04	<0.5		
A0125496		2.14	1	21	<5	68	141	49	4.65	<0.5		
A0125497		2.29	1	2	<5	97	121	40	3.87	<0.5		
A0125498		2.24	3	1	<5	226	189	53	4.29	<0.5		
A0125499		2.56	2	7	<5	145	218	60	4.99	<0.5		
A0125500		2.27	8	289	19	286	365	68	5.15	<0.5		
A0125501		2.34	9	199	11	241	245	56	4.71	<0.5		
A0125502		2.37	<1	<1	<5	130	143	53	4.51	<0.5		
A0125503		2.35	2	1	<5	160	134	49	4.25	<0.5		
A0125504		2.40	2	1	<5	135	131	49	4.38	<0.5		
A0125505		2.43	1	<1	<5	88	136	52	4.49	<0.5		
A0125506		2.23	7	23	<5	232	190	54	3.86	<0.5		
A0125507		2.22	10	92	6	215	192	55	4.51	<0.5		
A0125508		3.15	18	352	28	124	277	76	4.89	<0.5		

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Finalized Date: 14-FEB-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19024920

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
A0125509		2.09	<1	<1	<5	2	2	2	13.75	<0.5		
A0125510		1.51	2	14	<5	383	28	6	0.44	<0.5		
A0125511		1.09	15	88	5	364	191	47	4.26	<0.5		
A0125512		2.17	14	380	20	385	250	47	4.11	<0.5		
A0125513		2.15	87	1200	80	668	544	65	4.24	<0.5		
A0125514		2.23	17	669	60	364	316	45	3.44	<0.5		
A0125515		2.27	29	1260	101	657	741	74	4.30	0.5		
A0125516		2.28	5	9	<5	251	166	53	4.39	<0.5		
A0125517		2.24	6	156	6	190	165	49	4.68	<0.5		
A0125518		2.35	5	30	<5	182	154	48	4.68	<0.5		
A0125519		2.25	12	22	<5	350	311	56	4.13	<0.5		
A0125520		2.18	7	1	<5	237	192	50	4.10	<0.5		
A0125521		1.58	3	<1	<5	181	166	50	4.61	<0.5		
A0125522		2.19	<1	<1	<5	36	4	2	0.11	<0.5		
A0125523		2.98	2	18	<5	112	191	50	4.94	<0.5		
A0125524		2.36	8	459	35	171	301	53	5.07	<0.5		
A0125525		2.37	17	548	57	223	396	49	3.95	<0.5		
A0125526		2.30	2	2	<5	68	204	49	5.09	<0.5		
A0125527		2.33	5	39	<5	100	246	52	5.22	<0.5		
A0125528		2.28	3	8	<5	106	227	50	4.99	<0.5		
A0125529		0.08	235	3350	775	>10000	>10000	880	3.68	3.7	15650	44400
A0125530		2.26	5	130	<5	123	251	50	5.15	<0.5		
A0125531		2.36	14	221	13	184	257	54	5.19	<0.5		
A0125532		2.28	5	48	<5	147	235	49	4.79	<0.5		
A0125533		2.21	7	185	11	165	246	54	5.17	<0.5		
A0125534		2.38	4	2	<5	150	214	53	5.14	<0.5		
A0125535		2.42	2	12	<5	153	198	55	4.52	<0.5		
A0125536		2.26	7	145	17	153	221	51	4.75	<0.5		
A0125537		2.32	17	454	38	335	367	57	4.93	<0.5		
A0125538		2.34	17	199	10	275	283	55	5.08	<0.5		
A0125539		2.40	17	133	8	201	233	58	5.10	<0.5		
A0125540		2.49	69	537	48	421	517	63	5.43	<0.5		
A0125541		2.40	142	1420	80	682	796	59	5.00	<0.5		
A0125542		2.35	61	1040	68	630	772	66	5.23	<0.5		
A0125543		2.26	90	648	40	557	733	66	6.02	<0.5		
A0125544		2.36	154	1700	133	934	1045	73	5.29	<0.5		
A0125545		2.20	53	530	31	552	565	63	4.96	<0.5		
A0125546		0.08	55	594	284	4550	4480	117	3.96	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			