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: 16-MAY-2019
Account: MZI

CERTIFICATE TB19104848

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 2-MAY-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	DENIS DECHARTE	GARY DESCHUTTER
CLAIRE MCGUINNESS	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:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB19104848

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
A0147653		1.93	<1	2	<5	3	1	<1	13.65	<0.5		
A0147654		0.08	4710	2000	1280	89	85	62	0.27	0.9		
A0147655		2.20	1	60	10	175	367	64	7.14	<0.5		
A0147656		2.30	5	9	<5	322	455	64	5.98	<0.5		
A0147657		2.29	6	10	<5	315	403	55	4.88	<0.5		
A0147658		2.33	1	1	<5	131	234	50	5.11	<0.5		
A0147659		2.21	1	8	<5	87	191	40	4.24	<0.5		
A0147660		2.33	1	21	6	121	240	46	4.62	<0.5		
A0147661		2.22	2	12	<5	147	286	55	5.04	<0.5		
A0147662		2.40	1	8	<5	141	352	64	6.16	<0.5		
A0147663		2.38	2	5	<5	165	405	75	8.44	<0.5		
A0147664		2.23	11	110	15	416	646	101	10.80	<0.5		
A0147665		2.49	8	7	5	515	744	104	9.39	<0.5		
A0147666		2.33	6	16	5	522	713	89	7.78	<0.5		
A0147667		2.28	9	12	6	440	586	78	6.15	<0.5		
A0147668		2.24	14	9	6	476	642	84	7.04	<0.5		
A0147669		2.39	9	33	6	231	428	64	6.37	<0.5		
A0147670		2.25	75	542	56	867	496	70	6.05	<0.5		
A0147671		2.20	2	6	<5	127	306	48	5.84	<0.5		
A0147672		2.38	31	174	46	207	338	50	5.97	<0.5		
A0147673		0.07	102	604	303	4680	4480	119	4.15	1.9		
A0147674		2.44	8	9	<5	256	426	68	6.68	<0.5		
A0147675		2.48	4	9	6	348	483	88	6.95	<0.5		
A0147676		2.36	9	19	<5	319	366	68	5.33	<0.5		
A0147677		2.45	59	387	54	444	484	84	7.60	<0.5		
A0147678		2.48	2	15	<5	143	307	61	5.81	<0.5		
A0147679		2.14	23	118	9	258	335	60	6.24	<0.5		
A0147680		2.33	9	16	19	252	320	52	5.61	<0.5		
A0147681		2.37	26	87	205	998	661	90	8.39	<0.5		
A0147682		2.17	11	68	<5	215	391	61	7.36	<0.5		
A0147683		2.31	14	148	5	176	362	63	7.82	<0.5		
A0147684		2.30	41	369	28	336	411	66	7.36	<0.5		
A0147685		2.28	1	<1	<5	81	249	52	5.69	<0.5		
A0147686		2.45	4	20	<5	114	256	47	5.56	<0.5		
A0147687		2.35	4	18	<5	138	309	61	7.23	<0.5		
A0147688		2.31	8	205	6	179	411	70	8.88	<0.5		
A0147689		2.26	3	19	<5	130	362	64	8.38	<0.5		
A0147690		2.38	8	147	16	255	423	69	8.24	<0.5		
A0147691		2.22	17	88	16	231	248	46	5.27	<0.5		
A0147692		2.48	3	12	<5	108	358	60	7.69	<0.5		

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Finalized Date: 16-MAY-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19104848

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
A0147693		1.60	2	<1	<5	1	2	<1	12.55	<0.5		
A0147694		2.29	2	41	<5	109	375	63	7.87	<0.5		
A0147695		2.33	1	<1	<5	93	351	62	7.86	<0.5		
A0147696		2.42	12	4	<5	294	434	70	7.16	<0.5		
A0147697		2.22	4	23	<5	146	288	51	5.18	<0.5		
A0147698		2.20	1	13	<5	44	200	33	4.16	<0.5		
A0147699		2.30	21	268	17	428	315	44	4.68	<0.5		
A0147700		2.10	20	60	5	400	303	48	4.54	<0.5		
A0147701		1.96	18	254	16	246	291	46	4.45	<0.5		
A0147702		2.07	3	10	<5	237	321	64	4.92	<0.5		
A0147703		2.01	11	111	19	172	193	48	4.41	<0.5		
A0147704		2.09	9	56	5	177	213	50	4.65	<0.5		
A0147705		2.01	3	27	<5	171	285	60	5.70	<0.5		
A0147706		2.00	<1	5	<5	64	231	45	5.08	<0.5		
A0147707		2.06	3	175	11	100	287	45	5.01	<0.5		
A0147708		2.00	<1	3	<5	54	236	39	4.84	<0.5		
A0147709		2.19	15	171	15	303	487	70	6.18	<0.5		
A0147710		1.97	12	191	22	306	453	65	6.11	<0.5		
A0147711		2.07	28	238	22	374	440	58	5.39	<0.5		
A0147712		2.07	205	1060	145	1550	786	70	6.23	0.7		
A0147713		0.08	237	3410	810	>10000	>10000	924	3.86	4.0	16500	46400
A0147714		2.08	4	52	<5	130	292	42	5.25	<0.5		
A0147715		2.01	6	20	<5	277	436	59	5.48	<0.5		
A0147716		2.23	2	144	18	90	307	43	4.99	<0.5		
A0147717		2.13	6	176	14	153	262	42	4.97	<0.5		
A0147718		2.10	3	129	11	114	259	42	4.89	<0.5		
A0147719		1.98	5	328	33	112	306	43	5.44	<0.5		
A0147720		2.09	27	158	9	146	410	49	5.22	<0.5		
A0147721		2.14	3	175	11	84	318	48	5.54	<0.5		
A0147722		2.15	8	28	<5	169	413	60	6.38	<0.5		
A0147723		1.45	3	11	<5	96	272	44	5.44	<0.5		
A0147724		1.48	1	10	<5	143	393	58	7.84	<0.5		
A0147725		1.38	24	7	<5	1010	1100	72	7.75	0.5		
A0147726		2.15	<1	9	<5	91	430	58	8.05	<0.5		
A0147727		2.12	3	46	<5	101	361	51	6.66	<0.5		
A0147728		2.19	<1	2	<5	62	312	44	5.69	<0.5		
A0147729		2.26	<1	1	<5	88	291	41	5.49	<0.5		
A0147730		0.07	79	594	287	4170	4090	103	3.67	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			