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: 19-MAR-2019
Account: MZI

CERTIFICATE TB19052259

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 4-MAR-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 TB19052259

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
X095554		2.40	1	<1	<5	2	2	1	13.65	<0.5		
X095555		0.07	4890	2020	1290	87	82	63	0.26	0.9		
X095556		2.19	7	302	23	238	489	78	9.92	<0.5		
X095557		2.05	12	152	12	191	406	73	8.66	<0.5		
X095558		2.12	25	339	37	336	506	78	10.10	<0.5		
X095559		2.04	7	148	13	196	508	84	10.60	<0.5		
X095560		2.22	31	1180	94	674	1040	116	9.01	<0.5		
X095561		2.22	3	168	17	178	564	96	9.36	<0.5		
X095562		2.55	2	13	<5	84	396	73	9.00	<0.5		
X095563		2.15	1	9	<5	72	350	67	7.92	<0.5		
X095564		2.29	2	58	<5	273	344	68	6.16	<0.5		
X095565		2.11	9	14	<5	334	258	61	4.71	0.5		
X095566		2.10	21	194	15	582	364	70	5.35	0.6		
X095567		2.02	8	127	10	160	253	53	5.59	<0.5		
X095568		2.06	4	15	<5	113	241	53	5.65	<0.5		
X095569		2.37	12	1	<5	351	278	61	5.34	<0.5		
X095570		2.03	36	349	16	635	627	71	5.87	0.5		
X095571		1.93	7	63	7	166	305	51	5.51	<0.5		
X095572		2.15	3	6	<5	172	364	54	5.60	<0.5		
X095573		2.14	3	61	6	178	294	52	5.10	<0.5		
X095574		0.07	64	593	303	4590	4390	118	4.13	2.5		
X095575		2.04	4	111	6	133	304	44	4.76	<0.5		
X095576		2.04	14	805	8	258	326	44	4.51	<0.5		
X095577		2.23	10	705	18	549	356	45	4.60	<0.5		
X095578		2.06	7	83	<5	194	240	37	4.15	<0.5		
X095579		2.14	5	8	<5	142	202	38	3.93	<0.5		
X095580		2.01	51	4	<5	107	211	42	4.33	<0.5		
X095581		1.98	5	14	<5	66	252	42	5.09	<0.5		
X095582		1.94	8	202	16	173	277	44	4.99	<0.5		
X095583		2.25	5	56	<5	141	241	41	4.62	<0.5		
X095584		2.01	7	147	13	156	276	45	4.72	<0.5		
X095585		1.98	5	123	43	125	324	46	4.95	<0.5		
X095586		2.10	2	72	<5	116	359	49	5.24	<0.5		
X095587		2.03	1	41	<5	140	327	50	5.61	<0.5		
X095588		1.96	8	551	16	278	400	42	5.40	<0.5		
X095589		2.23	25	18	<5	154	254	46	4.83	<0.5		
X095590		2.11	3	41	<5	296	356	58	5.13	<0.5		
X095591		2.22	9	616	38	404	590	65	5.13	<0.5		
X095592		2.09	3	56	7	259	303	55	4.72	<0.5		
X095593		2.11	4	153	14	194	341	51	4.54	<0.5		

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Finalized Date: 19-MAR-2019
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CERTIFICATE OF ANALYSIS TB19052259

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
X095594		2.14	<1	<1	<5	1	1	2	13.80	<0.5		
X095595		1.98	2	487	37	410	626	74	5.73	<0.5		
X095596		2.10	<1	12	<5	36	201	40	4.65	<0.5		
X095597		2.04	<1	3	<5	60	211	51	5.29	<0.5		
X095598		2.37	<1	2	<5	188	132	41	3.90	<0.5		
X095599		1.78	<1	16	<5	12	18	8	0.83	<0.5		
X095600		2.11	1	145	12	6	160	29	3.05	0.5		
X095601		1.74	<1	49	5	3	247	47	4.84	1.4		
X095602		1.91	<1	8	<5	17	215	30	3.75	<0.5		
X095603		1.64	<1	277	37	28	328	44	6.78	<0.5		
X095604		1.97	8	103	13	70	159	31	2.78	<0.5		
X095605		2.17	<1	7	<5	11	201	31	3.03	<0.5		
X095606		2.64	<1	15	<5	11	248	31	2.92	<0.5		
X095607		2.13	<1	115	13	42	331	41	3.55	<0.5		
X095608		2.04	<1	138	11	268	455	43	3.96	<0.5		
X095609		1.91	<1	2	<5	5	191	27	2.69	<0.5		
X095610		2.14	<1	83	8	14	258	29	2.97	<0.5		
X095611		2.03	1	32	<5	147	299	36	3.14	<0.5		
X095612		2.12	<1	49	5	126	231	31	2.92	<0.5		
X095613		2.04	2	429	68	109	215	28	2.91	<0.5		
X095614		0.08	212	3450	799	>10000	>10000	953	3.91	4.2	16250	45500
X095615		2.15	5	645	82	383	432	46	3.24	<0.5		
X095616		1.99	1	36	<5	70	174	29	2.98	<0.5		
X095617		1.92	2	42	6	143	202	32	2.99	<0.5		
X095618		2.03	<1	87	7	72	183	33	3.15	<0.5		
X095619		2.04	5	70	<5	204	169	30	3.11	<0.5		
X095620		2.12	3	8	<5	391	101	25	2.31	<0.5		
X095621		2.11	7	8	<5	35	149	32	3.19	<0.5		
X095622		2.61	1	43	<5	169	187	34	3.08	<0.5		
X095623		1.84	<1	12	<5	28	163	36	3.58	<0.5		
X095624		1.71	<1	18	<5	87	138	30	2.63	0.9		
X095625		2.18	1	96	8	143	238	44	4.22	<0.5		
X095626		2.01	<1	68	<5	138	243	46	4.73	<0.5		
X095627		2.23	<1	8	<5	160	286	56	5.38	<0.5		
X095628		2.07	5	69	5	315	380	63	5.09	<0.5		
X095629		2.19	6	215	22	330	364	42	3.78	<0.5		
X095630		2.14	4	273	30	190	268	32	2.34	<0.5		
X095631		0.08	63	565	283	4610	4420	118	4.09	2.3		

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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			