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: 31-MAR-2019
Account: MZI

CERTIFICATE TB19067485

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 21-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 TB19067485

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
A0127497		2.38	<1	1	<5	1	4	1	12.20	<0.5		
A0127498		0.08	5350	2030	1300	84	84	62	0.24	0.8		
A0127499		2.62	3	6	<5	93	212	48	5.08	<0.5		
A0127500		2.65	2	8	<5	70	228	55	5.37	<0.5		
A0127501		2.55	3	5	<5	83	173	44	4.57	<0.5		
A0127502		2.57	2	5	<5	95	201	52	5.27	<0.5		
A0127503		2.31	12	154	28	154	365	67	6.62	<0.5		
A0127504		2.62	21	163	26	184	429	74	7.46	<0.5		
A0127505		2.49	21	123	25	235	434	69	6.86	<0.5		
A0127506		2.35	12	86	17	125	431	86	8.90	<0.5		
A0127507		3.05	27	160	30	185	485	93	9.41	<0.5		
A0127508		2.73	50	372	64	350	639	105	10.30	<0.5		
A0127509		2.51	32	294	53	253	554	96	9.60	<0.5		
A0127510		2.78	252	1720	289	1230	1210	121	10.40	0.6		
A0127511		2.68	52	353	60	800	675	89	7.45	<0.5		
A0127512		2.81	86	669	123	472	678	99	9.11	<0.5		
A0127513		2.59	28	286	52	214	467	84	8.10	<0.5		
A0127514		2.85	9	117	25	128	425	90	9.07	<0.5		
A0127515		2.85	12	59	13	89	414	107	10.80	<0.5		
A0127516		2.62	41	312	54	294	400	82	7.64	<0.5		
A0127517		0.07	95	606	296	4520	4330	114	3.89	1.7		
A0127518		2.69	12	73	20	121	435	101	10.25	<0.5		
A0127519		2.76	7	77	21	72	454	101	10.25	<0.5		
A0127520		2.57	78	714	133	445	647	94	8.67	<0.5		
A0127521		2.37	39	329	65	235	453	77	7.38	<0.5		
A0127522		2.72	26	187	34	169	426	79	7.70	<0.5		
A0127523		3.50	56	417	67	271	482	77	7.41	<0.5		
A0127524		1.91	66	503	94	409	483	65	5.86	<0.5		
A0127525		2.42	52	378	68	313	470	73	6.86	<0.5		
A0127526		2.60	44	338	60	293	503	86	8.31	<0.5		
A0127527		2.61	53	357	68	444	607	85	7.83	<0.5		
A0127528		2.48	13	230	39	151	376	59	5.88	<0.5		
A0127529		2.49	29	196	44	285	511	86	8.14	<0.5		
A0127530		2.58	12	147	30	112	398	80	8.00	<0.5		
A0127531		2.68	28	200	37	188	459	88	8.62	<0.5		
A0127532		2.96	18	150	30	163	416	80	7.87	<0.5		
A0127533		2.13	22	46	9	260	280	53	5.19	<0.5		
A0127534		2.71	35	380	63	303	337	48	4.40	<0.5		
A0127535		1.56	53	592	102	426	449	58	5.28	<0.5		
A0127536		3.17	9	102	21	116	426	95	9.43	<0.5		

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CERTIFICATE OF ANALYSIS TB19067485

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
A0127537		1.83	<1	1	<5	1	1	1	13.30	<0.5		
A0127538		2.25	48	192	39	547	670	103	8.80	<0.5		
A0127539		2.30	16	175	32	160	483	104	9.94	<0.5		
A0127540		2.19	16	139	29	137	462	105	10.15	<0.5		
A0127541		2.27	13	138	29	118	447	98	9.68	<0.5		
A0127542		2.22	11	89	19	113	448	97	9.51	<0.5		
A0127543		2.08	10	109	23	125	461	97	9.29	<0.5		
A0127544		2.15	9	81	19	117	371	86	8.46	<0.5		
A0127545		1.50	46	174	41	928	820	113	8.08	<0.5		
A0127546		2.76	53	308	61	895	785	88	5.92	<0.5		
A0127547		2.11	30	120	18	847	645	58	3.76	<0.5		
A0127548		2.13	40	88	25	1845	1475	92	4.26	0.8		
A0127549		2.10	41	81	24	1615	1065	108	4.27	0.6		
A0127550		2.09	35	65	22	1240	642	108	4.77	<0.5		
A0127551		2.20	42	95	35	1390	773	124	5.92	<0.5		
A0127552		1.94	37	65	24	1475	700	116	4.85	0.5		
A0127553		2.48	11	50	19	449	385	99	8.53	<0.5		
A0127554		2.16	41	118	33	1275	691	96	5.50	<0.5		
A0127555		1.54	36	81	25	1265	540	102	5.16	<0.5		
A0127556		1.73	2	16	13	150	217	60	6.70	<0.5		
A0127557		0.08	252	3410	807	>10000	>10000	966	4.03	3.9	15650	46000
A0127558		2.05	3	25	15	309	289	70	6.79	<0.5		
A0127559		1.25	52	109	36	1595	823	125	5.08	<0.5		
A0127560		2.08	46	138	35	1340	898	108	4.65	<0.5		
A0127561		2.20	26	87	26	1015	716	117	7.26	<0.5		
A0127562		2.12	26	68	28	878	643	118	8.29	<0.5		
A0127563		2.55	20	60	23	883	647	118	8.11	<0.5		
A0127564		2.29	19	59	20	837	637	119	7.93	<0.5		
A0127565		2.32	15	56	21	1070	734	143	8.73	<0.5		
A0127566		2.27	18	52	21	974	625	126	8.08	<0.5		
A0127567		2.13	12	86	24	692	552	121	7.45	<0.5		
A0127568		2.21	11	46	20	720	546	122	7.42	<0.5		
A0127569		2.19	19	56	24	963	720	145	8.81	<0.5		
A0127570		2.30	16	55	20	1060	686	136	7.66	<0.5		
A0127571		2.08	21	187	37	843	668	116	5.33	<0.5		
A0127572		2.08	30	307	58	756	603	106	5.25	<0.5		
A0127573		1.82	8	135	25	246	256	70	5.00	<0.5		
A0127574		0.07	89	597	288	4210	4110	108	3.81	1.5		

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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			