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: 17-SEP-2019
Account: MZI

CERTIFICATE TB19212064

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 26-AUG-2019.

The following have access to data associated with this certificate:

MATT BODNAR DENIS DECHARTE LDIM WEBTRIEVE	KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK

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 TB19212064

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
AD19-100469		1.55	<1	<1	<5	1	2	<1	12.80	<0.5		
AD19-100470		0.06	4930	2040	1320	86	84	61	0.26	0.5		
AD19-100471		2.38	18	210	19	464	398	68	5.16	<0.5		
AD19-100472		2.50	5	145	<5	276	195	52	4.67	<0.5		
AD19-100473		2.44	5	163	16	241	387	61	5.94	<0.5		
AD19-100474		2.31	11	51	6	386	301	50	4.32	<0.5		
AD19-100475		2.57	4	88	<5	252	184	48	4.59	<0.5		
AD19-100476		2.43	10	87	11	460	563	70	5.05	<0.5		
AD19-100477		2.56	25	135	15	823	752	81	5.49	<0.5		
AD19-100478		2.45	8	28	<5	303	386	68	5.50	<0.5		
AD19-100479		2.54	6	16	<5	470	465	75	5.37	<0.5		
AD19-100480		2.48	<1	2	<5	138	250	51	4.83	<0.5		
AD19-100481		2.36	1	36	<5	143	229	44	4.00	<0.5		
AD19-100482		2.61	1	4	<5	119	189	46	5.09	<0.5		
AD19-100483		2.18	5	29	5	186	369	76	8.28	<0.5		
AD19-100484		2.42	8	28	<5	197	351	69	7.20	<0.5		
AD19-100485		2.23	8	43	6	236	374	67	6.86	<0.5		
AD19-100486		2.25	10	49	8	224	387	68	7.34	<0.5		
AD19-100487		2.26	14	46	7	250	417	72	7.70	<0.5		
AD19-100488		2.35	23	352	28	325	448	73	7.57	<0.5		
AD19-100489		0.07	153	632	304	4230	4190	109	3.75	1.7		
AD19-100490		2.18	25	379	29	301	429	69	7.40	<0.5		
AD19-100491		2.32	13	114	8	268	457	68	7.09	<0.5		
AD19-100492		2.34	20	159	15	484	533	76	7.36	<0.5		
AD19-100493		2.46	18	137	13	567	580	83	7.00	<0.5		
AD19-100494		2.48	22	555	41	521	637	59	4.58	<0.5		
AD19-100495		2.62	11	275	44	240	333	45	4.76	<0.5		
AD19-100496		1.14	7	104	9	225	202	29	2.74	<0.5		
AD19-100497		2.45	8	48	5	211	351	55	4.64	<0.5		
AD19-100498		2.50	6	64	6	345	384	62	4.97	<0.5		
AD19-100499		2.61	4	301	25	259	301	55	4.60	<0.5		
AD19-100500		2.30	3	36	5	166	157	49	3.51	<0.5		
AD19-100501		2.60	3	116	12	213	204	45	4.08	<0.5		
AD19-100502		2.41	5	199	20	188	265	48	4.86	<0.5		
AD19-100503		2.32	4	59	8	158	221	45	4.71	<0.5		
AD19-100504		2.37	2	14	<5	120	214	52	4.90	<0.5		
AD19-100505		2.49	4	9	<5	109	180	43	4.90	<0.5		
AD19-100506		2.50	3	48	6	103	208	44	4.98	<0.5		
AD19-100507		2.43	1	<1	<5	62	196	43	4.84	<0.5		
AD19-100508		2.40	2	4	<5	57	193	38	4.74	<0.5		

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Finalized Date: 17-SEP-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19212064

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
AD19-100509		1.80	<1	<1	<5	1	4	<1	13.30	<0.5		
AD19-100510		2.58	3	11	<5	105	223	45	5.14	<0.5		
AD19-100511		2.37	5	301	33	132	330	44	4.92	<0.5		
AD19-100512		2.58	11	40	5	212	236	45	4.95	<0.5		
AD19-100513		2.58	15	65	10	201	324	54	6.76	<0.5		
AD19-100514		2.53	8	45	6	178	245	43	4.93	<0.5		
AD19-100515		2.56	6	13	<5	122	217	45	5.03	<0.5		
AD19-100516		2.50	6	51	7	121	223	45	4.97	<0.5		
AD19-100517		2.35	13	198	17	207	311	49	4.93	<0.5		
AD19-100518		2.24	5	409	36	98	304	47	4.85	<0.5		
AD19-100519		2.52	23	91	12	293	415	47	4.82	<0.5		
AD19-100520		2.35	29	228	41	475	470	52	5.29	<0.5		
AD19-100521		2.19	51	275	73	671	676	59	4.93	0.5		
AD19-100522		2.36	88	616	70	972	911	67	4.86	0.5		
AD19-100523		2.27	54	302	26	417	418	50	5.14	<0.5		
AD19-100524		2.38	18	220	21	288	388	48	5.16	<0.5		
AD19-100525		2.24	88	517	39	523	564	52	4.81	<0.5		
AD19-100526		2.40	42	230	26	336	406	49	4.86	<0.5		
AD19-100527		2.18	224	1150	93	947	897	56	4.70	<0.5		
AD19-100528		2.18	249	1760	164	1540	1440	67	4.57	0.6		
AD19-100529		0.12	264	3500	797	>10000	>10000	971	3.85	4.2	16550	47400
AD19-100530		2.19	336	1600	144	1650	1390	65	4.42	0.6		
AD19-100531		2.25	254	1530	156	1330	1240	56	4.32	0.6		
AD19-100532		2.29	268	3860	305	2000	1580	68	2.64	1.5		
AD19-100533		2.45	254	2700	224	1890	1350	62	2.44	1.6		
AD19-100534		2.52	319	4080	338	2380	1770	74	2.62	2.1		
AD19-100535		2.03	182	2650	214	1650	1250	53	2.22	0.9		
AD19-100536		2.39	317	3360	282	1780	1470	66	3.18	1.0		
AD19-100537		2.33	542	4260	347	2280	1830	73	3.38	1.2		
AD19-100538		2.50	361	3530	284	1730	1690	69	4.07	1.1		
AD19-100539		2.36	340	4280	333	1950	1850	78	4.08	1.9		
AD19-100540		2.38	491	4750	364	2950	2070	85	4.08	1.7		
AD19-100541		2.36	406	3870	308	2300	1720	63	2.64	1.4		
AD19-100542		2.32	735	6190	496	3350	2710	86	2.87	1.6		
AD19-100543		2.37	419	4140	296	2400	1880	68	3.06	1.6		
AD19-100544		2.35	308	4210	344	1850	1780	68	3.20	1.2		
AD19-100545		2.37	880	5190	361	2640	2260	87	4.07	1.1		
AD19-100546		0.07	86	613	272	4310	4250	110	3.75	1.9		

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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			