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-SEP-2019
Account: MZI

CERTIFICATE TB19212059

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 TB19212059

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
AD19-100547		1.82	<1	<1	<5	2	2	1	13.10	<0.5		
AD19-100548		0.07	4790	2020	1300	84	81	61	0.26	0.9		
AD19-100549		2.21	701	7020	495	3840	2830	91	2.86	2.0		
AD19-100550		2.44	628	4690	349	2530	1850	81	4.05	1.1		
AD19-100551		2.29	586	5650	453	2870	2360	79	3.03	1.7		
AD19-100552		2.26	490	3910	300	2780	1930	62	1.73	1.5		
AD19-100553		2.30	524	5520	470	2960	2350	72	2.35	1.6		
AD19-100554		2.20	779	6850	516	2820	2740	80	2.22	1.7		
AD19-100555		2.15	228	5190	404	1780	2210	56	1.12	1.3		
AD19-100556		2.18	522	5220	397	2920	2590	79	2.66	1.8		
AD19-100557		2.18	322	4250	334	2130	2080	65	2.43	1.4		
AD19-100558		2.28	138	3030	229	999	1560	53	2.70	0.6		
AD19-100559		2.45	231	3020	226	1610	1660	63	3.37	0.9		
AD19-100560		2.34	439	4240	328	2350	1940	70	2.66	1.2		
AD19-100561		2.37	205	2250	164	1475	1300	56	2.39	0.9		
AD19-100562		2.45	231	1860	146	1340	1115	48	2.48	1.0		
AD19-100563		2.33	277	2550	243	1645	1485	58	2.78	0.9		
AD19-100564		2.27	245	2760	212	1485	1405	52	2.49	0.9		
AD19-100565		2.11	265	2220	170	1625	1200	50	2.08	1.1		
AD19-100566		2.18	276	2650	213	1895	1445	59	2.54	1.1		
AD19-100567		0.07	76	632	296	4350	4210	110	3.89	1.9		
AD19-100568		2.19	223	1740	143	1425	1215	48	3.06	0.6		
AD19-100569		2.28	407	2720	250	1665	1645	68	4.53	0.7		
AD19-100570		2.07	193	1480	157	1220	1195	60	4.92	0.7		
AD19-100571		2.21	190	1140	150	1110	1130	63	5.31	0.8		
AD19-100572		2.28	40	306	43	351	504	51	5.41	<0.5		
AD19-100573		2.21	95	817	101	694	766	52	4.83	<0.5		
AD19-100574		2.24	77	935	83	651	588	51	3.78	0.5		
AD19-100575		2.27	69	1070	87	662	580	34	1.46	<0.5		
AD19-100576		2.03	130	1080	89	679	643	41	2.39	<0.5		
AD19-100577		2.17	143	1570	132	913	688	28	1.12	0.6		
AD19-100578		2.18	29	272	34	327	319	42	4.26	<0.5		
AD19-100579		2.30	44	152	30	340	392	49	4.80	<0.5		
AD19-100580		2.24	40	384	34	316	426	49	4.96	<0.5		
AD19-100581		2.36	43	254	27	370	421	47	4.86	<0.5		
AD19-100582		2.34	44	125	19	429	395	45	4.52	<0.5		
AD19-100583		2.20	142	649	81	857	696	56	4.58	0.5		
AD19-100584		2.17	17	63	9	221	321	48	4.92	<0.5		
AD19-100585		2.24	61	260	42	411	499	52	5.37	<0.5		
AD19-100586		2.28	34	196	33	271	404	50	5.45	<0.5		

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Finalized Date: 16-SEP-2019
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB19212059

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
AD19-100587		1.60	<1	1	<5	1	1	<1	13.35	<0.5		
AD19-100588		2.23	189	1140	105	1080	1095	57	4.67	<0.5		
AD19-100589		2.33	295	1400	124	1310	1225	64	5.19	0.6		
AD19-100590		2.34	216	1060	89	1035	993	62	5.32	0.7		
AD19-100591		2.44	14	25	11	201	385	56	6.10	<0.5		
AD19-100592		2.38	57	363	35	579	700	61	5.58	<0.5		
AD19-100593		2.32	103	1070	104	775	931	60	5.18	0.6		
AD19-100594		2.46	45	430	35	433	577	54	5.44	<0.5		
AD19-100595		2.49	22	235	26	256	416	47	5.00	<0.5		
AD19-100596		2.36	13	112	14	182	342	49	5.42	<0.5		
AD19-100597		2.28	5	43	11	96	334	45	5.17	<0.5		
AD19-100598		2.44	33	313	33	313	458	52	5.62	<0.5		
AD19-100599		2.44	91	1260	122	878	1070	64	5.17	0.5		
AD19-100600		2.38	77	802	103	685	841	58	5.28	<0.5		
AD19-100601		2.50	15	129	20	181	438	54	6.02	<0.5		
AD19-100602		2.48	9	23	9	139	392	52	5.96	<0.5		
AD19-100603		2.62	26	64	14	248	414	54	5.87	<0.5		
AD19-100604		2.39	45	248	32	429	569	55	5.46	<0.5		
AD19-100605		2.45	26	1380	60	260	569	60	5.09	0.5		
AD19-100606		2.43	43	542	41	520	704	68	6.22	0.5		
AD19-100607		0.12	230	3360	790	>10000	>10000	959	4.03	3.7	16200	45000
AD19-100608		2.38	11	157	19	220	399	57	5.64	<0.5		
AD19-100609		2.52	8	9	<5	204	313	48	5.37	<0.5		
AD19-100610		2.52	5	34	8	126	369	52	5.96	3.3		
AD19-100611		2.39	14	170	20	310	418	56	5.84	<0.5		
AD19-100612		2.37	9	48	12	242	373	56	5.75	<0.5		
AD19-100613		2.42	4	7	<5	159	293	53	5.48	<0.5		
AD19-100614		2.32	12	31	11	232	341	50	5.44	0.6		
AD19-100615		2.36	21	93	15	457	487	65	6.02	0.5		
AD19-100616		2.32	15	33	10	361	432	57	6.07	<0.5		
AD19-100617		2.33	10	62	12	227	405	54	5.91	<0.5		
AD19-100618		2.39	6	18	6	169	341	48	5.72	0.5		
AD19-100619		2.48	4	8	<5	138	267	40	4.69	<0.5		
AD19-100620		2.35	10	89	19	304	393	57	6.18	<0.5		
AD19-100621		2.48	2	34	13	149	392	56	6.69	<0.5		
AD19-100622		2.37	6	81	19	205	410	59	6.59	<0.5		
AD19-100623		2.33	12	34	14	209	404	59	6.65	<0.5		
AD19-100624		0.07	69	583	295	4480	4370	115	4.00	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			