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: 13-AUG-2019
Account: MZI

CERTIFICATE TB19183338

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 25-JUL-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	SAM DAVIES DAVE PECK	DENIS DECHARTE 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 TB19183338

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
AD19-100001		1.55	<1	1	<5	2	4	<1	12.70	<0.5		
AD19-100002		0.07	4980	2020	1300	87	84	63	0.25	1.0		
AD19-100003		2.75	5	457	131	225	326	32	3.30	<0.5		
AD19-100004		2.48	8	1020	253	148	520	37	3.70	<0.5		
AD19-100005		2.44	7	446	105	88	396	31	3.19	<0.5		
AD19-100006		2.28	14	327	86	192	285	24	2.36	<0.5		
AD19-100007		2.50	29	1460	162	606	794	48	3.99	0.5		
AD19-100008		2.39	120	573	119	818	829	59	5.07	1.2		
AD19-100009		2.99	76	759	124	721	682	42	3.93	1.6		
AD19-100010		2.20	30	765	137	338	420	28	2.74	2.0		
AD19-100011		1.85	31	783	142	485	573	39	3.72	2.4		
AD19-100012		2.17	84	1540	186	977	861	54	4.21	1.3		
AD19-100013		2.80	37	644	74	523	424	50	3.49	<0.5		
AD19-100014		1.77	32	425	43	624	353	41	2.89	0.7		
AD19-100015		2.10	8	309	40	141	411	41	4.94	<0.5		
AD19-100016		1.88	27	1050	223	481	487	47	4.96	0.5		
AD19-100017		2.58	157	1590	146	3120	1230	66	4.04	2.2		
AD19-100018		2.75	75	410	86	189	389	36	4.41	<0.5		
AD19-100019		2.40	4	211	53	80	341	36	4.75	<0.5		
AD19-100020		2.45	13	565	77	153	480	40	4.84	0.5		
AD19-100021		0.07	96	609	312	4690	4590	119	4.14	2.1		
AD19-100022		2.50	20	532	74	268	499	46	5.11	<0.5		
AD19-100023		2.55	5	93	28	110	410	56	7.29	<0.5		
AD19-100024		2.60	32	156	56	223	322	38	4.27	<0.5		
AD19-100025		2.70	17	443	50	230	444	49	5.84	<0.5		
AD19-100026		2.44	27	598	71	811	778	53	5.19	0.6		
AD19-100027		2.05	20	742	70	430	772	53	5.59	<0.5		
AD19-100028		1.99	56	715	89	389	541	54	5.75	0.5		
AD19-100029		1.91	22	149	27	179	390	50	5.74	<0.5		
AD19-100030		1.96	30	434	48	228	431	48	5.56	<0.5		
AD19-100031		1.97	14	363	129	112	256	32	3.56	<0.5		
AD19-100032		1.92	14	334	110	139	316	40	4.60	<0.5		
AD19-100033		2.19	5	371	116	97	353	47	5.64	<0.5		
AD19-100034		1.79	19	1030	149	348	394	24	1.65	0.5		
AD19-100035		2.07	92	939	154	388	333	17	1.07	<0.5		
AD19-100036		2.00	10	902	150	335	413	26	2.75	<0.5		
AD19-100037		1.86	48	1480	192	762	600	35	1.25	0.7		
AD19-100038		1.95	6	284	77	158	402	56	7.09	<0.5		
AD19-100039		1.95	3	339	81	66	474	65	8.94	<0.5		
AD19-100040		2.00	7	415	114	99	380	54	6.77	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB19183338

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
AD19-100041		1.65	<1	1	<5	1	<1	<1	12.85	<0.5		
AD19-100042		2.04	10	281	80	112	259	36	4.28	<0.5		
AD19-100043		2.02	24	546	118	177	408	55	6.99	<0.5		
AD19-100044		1.77	57	706	134	441	554	56	6.32	0.6		
AD19-100045		1.98	22	204	24	147	397	46	5.86	<0.5		
AD19-100046		1.77	63	997	103	354	763	57	5.45	<0.5		
AD19-100047		1.78	24	104	16	168	339	47	5.74	<0.5		
AD19-100048		2.15	33	349	22	291	437	41	3.82	<0.5		
AD19-100049		1.83	36	233	37	225	531	52	5.69	<0.5		
AD19-100050		1.87	13	125	39	96	326	43	5.34	<0.5		
AD19-100051		1.87	36	231	35	213	399	45	5.75	<0.5		
AD19-100052		2.07	28	256	44	178	412	49	5.87	<0.5		
AD19-100053		2.59	58	443	45	397	587	51	5.41	<0.5		
AD19-100054		2.28	39	108	28	207	418	51	5.94	<0.5		
AD19-100055		2.85	41	743	108	327	650	55	6.46	<0.5		
AD19-100056		2.07	52	830	172	348	572	41	4.04	<0.5		
AD19-100057		2.39	12	990	316	79	356	24	2.36	<0.5		
AD19-100058		2.28	17	454	125	161	299	32	3.36	<0.5		
AD19-100059		2.64	2	427	84	51	409	47	5.46	<0.5		
AD19-100060		2.46	15	472	139	134	373	39	4.01	<0.5		
AD19-100061		0.08	226	3440	825	>10000	>10000	919	3.77	4.0	15850	44800
AD19-100062		1.99	51	453	96	375	455	41	4.03	<0.5		
AD19-100063		2.29	20	132	28	190	380	55	5.94	<0.5		
AD19-100064		2.58	22	235	32	351	463	52	5.45	0.9		
AD19-100065		1.88	47	1580	279	388	571	39	4.10	<0.5		
AD19-100066		1.93	28	1480	245	483	547	43	3.91	0.5		
AD19-100067		2.88	9	410	66	306	210	13	1.12	<0.5		
AD19-100068		2.36	6	183	39	212	124	12	0.97	<0.5		
AD19-100069		2.13	18	1400	232	229	891	47	3.78	<0.5		
AD19-100070		2.00	1	250	78	47	210	22	2.18	<0.5		
AD19-100071		2.67	13	620	191	140	484	55	6.33	<0.5		
AD19-100072		2.57	9	948	234	94	453	51	6.30	<0.5		
AD19-100073		2.38	14	635	157	121	375	44	4.89	<0.5		
AD19-100074		2.43	6	245	112	64	351	42	5.16	<0.5		
AD19-100075		2.77	3	50	17	56	358	42	5.06	<0.5		
AD19-100076		2.25	4	32	15	101	352	43	5.39	<0.5		
AD19-100077		3.01	9	21	11	89	336	41	5.19	<0.5		
AD19-100078		0.07	69	609	310	4420	4290	115	3.92	2.1		

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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			