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: 9-FEB-2019
Account: MZI

CERTIFICATE TB19021656

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 28-JAN-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER 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 TB19021656

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
A0125235		2.66	<1	3	<5	15	54	2	13.35	<0.5		
A0125236		0.07	5300	2070	1280	86	87	63	0.26	1.0		
A0125237		2.20	24	288	16	407	449	66	6.01	<0.5		
A0125238		2.32	26	5	<5	496	773	77	7.22	<0.5		
A0125239		2.05	64	354	18	878	1045	82	6.89	0.6		
A0125240		2.48	94	1655	95	1235	1275	80	6.81	0.8		
A0125241		2.31	55	798	31	747	960	81	6.68	0.5		
A0125242		2.39	25	177	8	489	675	75	6.59	<0.5		
A0125243		2.20	15	59	<5	300	343	66	6.36	<0.5		
A0125244		2.03	12	41	<5	293	406	65	6.03	1.2		
A0125245		1.77	5	27	<5	160	282	59	6.11	<0.5		
A0125246		1.98	10	293	17	116	214	53	5.44	<0.5		
A0125247		2.06	27	278	16	230	371	58	6.14	<0.5		
A0125248		2.05	17	31	<5	209	491	74	8.59	<0.5		
A0125249		2.12	54	348	34	563	657	61	6.07	<0.5		
A0125250		2.07	75	544	38	629	641	61	6.20	0.5		
A0125251		2.03	23	60	<5	201	367	57	6.05	<0.5		
A0125252		2.04	6	20	<5	93	370	75	8.97	<0.5		
A0125253		2.14	7	10	<5	139	432	78	9.55	<0.5		
A0125254		2.07	120	1315	85	814	1075	81	6.88	0.8		
A0125255		0.07	67	614	286	4530	4450	114	3.99	2.3		
A0125256		2.06	27	12	<5	231	338	59	6.33	<0.5		
A0125257		2.10	14	12	<5	195	317	54	5.96	<0.5		
A0125258		1.93	118	1100	62	789	948	78	6.63	<0.5		
A0125259		2.17	80	708	46	498	691	75	7.61	<0.5		
A0125260		1.92	100	52	<5	587	393	64	6.93	<0.5		
A0125261		2.04	170	1540	112	644	932	82	7.63	<0.5		
A0125262		1.90	24	159	10	188	419	69	7.52	<0.5		
A0125263		1.98	83	603	47	489	678	80	7.09	<0.5		
A0125264		2.23	33	208	19	277	430	66	6.65	<0.5		
A0125265		2.25	12	147	6	144	281	54	5.29	<0.5		
A0125266		2.07	122	1210	66	734	785	64	5.99	<0.5		
A0125267		2.32	109	1600	99	652	1110	88	7.62	<0.5		
A0125268		2.38	76	583	55	444	643	66	6.47	<0.5		
A0125269		2.28	150	1625	117	675	1030	91	8.25	<0.5		
A0125270		2.38	63	513	27	408	676	74	7.18	<0.5		
A0125271		2.41	72	418	13	342	468	66	7.53	<0.5		
A0125272		2.28	43	432	31	462	748	74	7.51	<0.5		
A0125273		2.16	15	884	86	172	901	99	7.75	<0.5		
A0125274		2.21	1	14	<5	65	351	73	9.54	<0.5		

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Finalized Date: 9-FEB-2019
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CERTIFICATE OF ANALYSIS TB19021656

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
A0125275		2.40	<1	2	<5	2	2	<1	13.40	<0.5		
A0125276		2.10	<1	2	<5	110	373	75	9.55	<0.5		
A0125277		2.08	<1	1	<5	125	421	77	9.97	<0.5		
A0125278		2.36	3	4	<5	156	450	75	9.82	<0.5		
A0125279		2.25	1	2	<5	125	441	75	9.75	<0.5		
A0125280		2.22	5	7	10	235	572	79	10.05	<0.5		
A0125281		2.06	8	12	<5	362	632	74	8.19	<0.5		
A0125282		2.21	22	122	9	444	803	86	9.41	<0.5		
A0125283		2.28	14	210	7	518	841	82	9.73	<0.5		
A0125284		2.22	13	47	5	303	581	78	9.64	<0.5		
A0125285		2.16	11	4	<5	204	516	81	9.61	<0.5		
A0125286		2.30	20	180	11	196	480	78	9.55	<0.5		
A0125287		2.05	97	1475	87	358	625	66	5.73	<0.5		
A0125288		2.24	20	10	<5	273	564	80	9.92	<0.5		
A0125289		2.23	16	89	6	270	527	78	9.87	<0.5		
A0125290		2.01	42	459	27	645	925	93	9.39	<0.5		
A0125291		2.43	45	129	17	357	618	84	9.81	<0.5		
A0125292		2.29	40	197	9	515	699	78	9.28	<0.5		
A0125293		2.06	35	312	26	544	836	86	10.10	0.5		
A0125294		2.37	56	592	20	408	683	76	8.89	<0.5		
A0125295		0.08	208	3480	841	>10000	>10000	955	3.97	4.1	16550	46500
A0125296		2.09	20	240	14	400	671	69	7.55	<0.5		
A0125297		2.63	12	101	<5	289	457	66	7.77	<0.5		
A0125298		1.47	19	64	<5	357	513	48	5.50	<0.5		
A0125299		2.06	8	10	<5	377	534	55	4.87	<0.5		
A0125300		1.48	5	7	<5	276	702	57	5.84	<0.5		
A0125301		1.42	13	13	<5	508	701	56	5.33	<0.5		
A0125302		1.71	2	2	<5	130	94	44	2.99	<0.5		
A0125303		1.46	1	1	<5	107	82	43	3.01	<0.5		
A0125304		2.00	1	<1	<5	64	57	35	2.33	<0.5		
A0125305		2.19	35	368	29	196	603	66	9.27	<0.5		
A0125306		2.17	6	7	<5	141	806	92	11.65	<0.5		
A0125307		2.13	25	167	6	464	920	77	5.88	<0.5		
A0125308		2.11	20	36	<5	340	770	72	7.92	<0.5		
A0125309		2.11	12	54	6	230	466	69	8.11	<0.5		
A0125310		2.55	13	87	10	220	612	81	10.25	<0.5		
A0125311		2.19	19	174	20	424	785	92	9.53	<0.5		
A0125312		0.08	71	603	291	4460	4440	112	4.00	2.2		

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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			