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-NOV-2018
Account: MZI

CERTIFICATE TB18279153

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 5-NOV-2018.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK CLAIRE MCGUINNESS LDIM WEBTRIEVE	DENIS DECHARTE DAVE PECK	GARY DESCHUTTER KATHRYN STINSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35	Pulv 250 g Split to 95%<106 um
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
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

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 TB18279153

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
X094246		1.37	<1	1	<5	2	4	1	12.85	<0.5		
X094247		0.08	4870	1965	1290	87	86	63	0.27	0.8		
X094248		2.45	4	32	5	237	293	54	5.36	<0.5		
X094249		2.46	1	2	<5	120	184	45	5.59	<0.5		
X094250		2.35	2	1	<5	112	182	48	5.82	<0.5		
X094251		2.41	6	20	<5	198	319	59	5.88	<0.5		
X094252		2.45	11	20	<5	363	361	59	5.68	<0.5		
X094253		2.40	20	119	22	473	487	76	5.85	0.6		
X094254		2.42	27	177	14	454	412	59	5.06	<0.5		
X094255		2.53	26	376	34	787	710	91	6.65	0.8		
X094256		2.53	2	20	<5	112	259	47	5.64	<0.5		
X094257		2.47	21	320	23	495	536	73	6.82	0.5		
X094258		2.57	3	10	<5	143	238	52	5.56	<0.5		
X094259		2.34	11	3	<5	109	181	45	5.29	<0.5		
X094260		2.45	4	55	<5	138	257	49	5.52	<0.5		
X094261		2.40	3	2	<5	95	250	48	5.44	<0.5		
X094262		2.54	6	215	14	197	347	60	5.76	<0.5		
X094263		2.36	10	13	<5	260	458	64	6.87	<0.5		
X094264		2.62	7	24	5	318	506	75	7.14	<0.5		
X094265		2.60	10	55	15	488	841	87	8.18	<0.5		
X094266		0.08	87	619	298	4440	4260	116	3.86	1.9		
X094267		2.43	3	80	9	87	541	51	3.94	<0.5		
X094268		2.56	57	162	21	625	256	34	2.61	<0.5		
X094269		2.34	8	142	27	203	373	52	4.52	<0.5		
X094270		2.53	5	8	<5	184	303	55	5.02	<0.5		
X094271		2.48	14	22	<5	329	313	50	4.65	<0.5		
X094272		2.56	19	142	20	269	413	52	5.32	<0.5		
X094273		2.57	7	42	15	178	364	58	6.05	<0.5		
X094274		2.48	5	59	<5	121	348	45	4.78	<0.5		
X094275		2.32	7	28	10	159	345	47	4.95	<0.5		
X094276		2.56	10	4	<5	216	328	47	4.81	<0.5		
X094277		2.48	13	13	5	272	507	50	4.66	<0.5		
X094278		2.69	8	7	15	156	363	45	4.77	<0.5		
X094279		2.43	1	3	<5	80	277	41	4.10	<0.5		
X094280		2.49	8	17	5	301	590	57	6.07	<0.5		
X094281		2.10	7	11	<5	241	530	73	8.13	<0.5		
X094282		2.58	12	51	10	303	639	80	8.91	<0.5		
X094283		2.55	18	143	10	579	746	77	8.16	<0.5		
X094284		2.64	5	37	<5	207	438	54	6.19	<0.5		
X094285		2.44	5	509	43	227	694	67	5.95	<0.5		

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CERTIFICATE OF ANALYSIS TB18279153

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
X094286		1.10	1	1	<5	2	1	<1	13.65	<0.5		
X094287		2.41	2	3	<5	115	356	68	6.84	<0.5		
X094288		2.30	4	8	<5	182	494	66	8.29	<0.5		
X094289		2.44	14	89	12	275	567	76	9.07	<0.5		
X094290		2.47	8	99	22	362	726	76	8.98	<0.5		
X094291		1.92	<1	2	<5	62	484	80	11.35	<0.5		
X094292		2.39	<1	1	<5	66	47	32	1.98	<0.5		
X094293		2.45	14	198	25	629	816	94	8.52	<0.5		
X094294		2.22	20	10	5	955	925	96	8.67	0.5		
X094295		2.15	6	2	<5	230	378	65	7.27	<0.5		
X094296		1.82	6	2	<5	207	392	64	7.08	<0.5		
X094297		2.47	3	11	<5	242	425	68	7.75	<0.5		
X094298		2.22	5	2	<5	246	459	72	8.33	<0.5		
X094299		3.01	6	3	<5	220	505	77	9.42	<0.5		
X094300		2.66	2	13	<5	139	461	74	9.63	<0.5		
X094301		2.87	<1	1	<5	100	413	76	9.86	<0.5		
X094302		2.59	1	12	<5	110	410	72	9.51	<0.5		
X094303		2.39	1	2	<5	103	415	74	9.47	<0.5		
X094304		2.42	<1	1	<5	95	415	78	10.10	<0.5		
X094305		2.73	1	4	<5	116	414	73	9.58	<0.5		
X094306		0.08	290	3530	840	>10000	>10000	952	3.99	3.9	15700	45200
X094307		2.58	2	13	<5	146	461	75	9.62	<0.5		
X094308		2.63	<1	1	<5	96	414	74	9.89	<0.5		
X094309		2.61	<1	2	<5	103	409	73	9.76	<0.5		
X094310		2.73	<1	1	<5	95	414	74	9.87	<0.5		
X094311		3.52	<1	<1	<5	111	404	71	9.63	<0.5		
X094312		1.68	<1	2	<5	93	403	72	9.69	<0.5		
X094313		2.51	1	3	<5	98	402	72	9.47	<0.5		
X094314		2.56	<1	<1	<5	78	399	72	9.54	<0.5		
X094315		2.67	1	1	<5	94	406	70	9.53	<0.5		
X094316		2.44	1	3	<5	88	364	63	8.49	<0.5		
X094317		2.58	<1	<1	<5	87	376	67	9.33	<0.5		
X094318		2.29	1	1	<5	88	420	74	10.10	<0.5		
X094319		2.58	3	<1	<5	117	271	72	6.64	<0.5		
X094320		2.61	2	9	<5	76	318	54	7.21	<0.5		
X094321		2.63	3	26	<5	101	325	56	7.36	<0.5		
X094322		2.58	1	9	<5	97	395	70	9.35	<0.5		
X094323		0.08	58	608	336	4420	4210	115	3.95	1.8		

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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			