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 TB18279150

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 TB18279150

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
X094168		1.35	<1	<1	<5	2	2	1	13.10	<0.5		
X094169		0.07	4480	1940	1285	84	83	60	0.26	1.2		
X094170		2.25	4	<1	<5	170	353	69	7.45	<0.5		
X094171		2.62	<1	<1	<5	82	232	51	5.47	<0.5		
X094172		2.47	1	<1	<5	108	213	51	4.96	<0.5		
X094173		2.42	<1	<1	<5	102	203	52	5.23	<0.5		
X094174		2.50	1	1	<5	114	229	50	5.16	<0.5		
X094175		2.40	12	1	<5	148	248	59	5.22	<0.5		
X094176		2.46	7	<1	<5	143	251	55	5.11	<0.5		
X094177		2.03	2	4	<5	187	323	62	6.70	<0.5		
X094178		2.97	3	19	<5	171	302	63	6.52	<0.5		
X094179		2.37	35	356	39	259	396	65	6.41	<0.5		
X094180		2.32	4	42	<5	187	299	59	5.63	<0.5		
X094181		2.70	2	42	<5	128	223	49	4.91	<0.5		
X094182		2.67	1	<1	<5	141	200	47	4.95	<0.5		
X094183		2.53	4	54	7	162	235	53	5.28	<0.5		
X094184		2.36	<1	<1	<5	133	209	51	4.92	<0.5		
X094185		2.56	1	<1	<5	134	199	51	4.92	<0.5		
X094186		2.49	1	<1	<5	182	221	48	4.87	<0.5		
X094187		2.49	2	11	<5	185	233	56	5.09	<0.5		
X094188		0.08	257	3460	827	>10000	>10000	961	3.93	3.5	16300	46500
X094189		1.95	6	10	<5	250	255	55	5.03	<0.5		
X094190		1.69	1	<1	<5	128	194	49	5.34	<0.5		
X094191		2.56	2	115	13	172	261	55	5.16	<0.5		
X094192		2.12	1	22	<5	114	191	49	4.86	<0.5		
X094193		2.55	6	438	44	155	285	54	4.82	<0.5		
X094194		2.42	4	55	9	119	210	49	4.97	<0.5		
X094195		2.64	4	61	<5	121	208	52	5.13	<0.5		
X094196		2.47	2	124	16	116	214	49	5.24	1.0		
X094197		2.43	<1	7	<5	82	188	51	4.98	<0.5		
X094198		2.30	1	12	<5	171	242	58	4.85	<0.5		
X094199		2.41	<1	<1	<5	67	108	37	3.68	<0.5		
X094200		2.67	1	5	<5	124	209	51	5.36	<0.5		
X094201		2.11	<1	2	<5	86	188	49	5.04	<0.5		
X094202		2.47	<1	<1	<5	64	162	41	4.49	<0.5		
X094203		2.55	<1	<1	<5	96	191	50	5.13	<0.5		
X094204		2.18	<1	<1	<5	83	182	49	4.96	<0.5		
X094205		2.47	<1	<1	<5	144	215	53	5.05	<0.5		
X094206		2.61	1	41	6	170	257	57	5.31	<0.5		
X094207		2.65	<1	1	<5	121	222	54	5.10	<0.5		

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Finalized Date: 13-NOV-2018
Account: MZI

Project: 18-101

CERTIFICATE OF ANALYSIS TB18279150

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
X094208		0.98	<1	<1	<5	3	<1	<1	12.95	<0.5		
X094209		2.53	1	12	<5	86	194	52	5.34	<0.5		
X094210		2.39	5	164	27	97	210	49	4.90	<0.5		
X094211		2.30	1	<1	<5	68	171	48	5.14	<0.5		
X094212		2.57	<1	<1	<5	75	163	50	5.27	<0.5		
X094213		2.44	<1	<1	<5	108	201	48	5.36	<0.5		
X094214		2.58	14	226	12	344	372	64	5.71	<0.5		
X094215		2.47	7	154	15	212	322	57	5.33	<0.5		
X094216		2.49	5	47	<5	102	266	43	5.61	<0.5		
X094217		2.58	1	14	<5	76	205	44	5.42	<0.5		
X094218		2.48	5	<1	<5	168	225	51	5.41	<0.5		
X094219		2.43	2	<1	<5	121	256	53	5.53	<0.5		
X094220		2.68	<1	6	<5	93	248	53	5.58	<0.5		
X094221		2.97	1	20	<5	80	209	49	5.16	<0.5		
X094222		3.00	<1	1	<5	85	197	49	5.30	<0.5		
X094223		3.15	1	31	<5	100	223	50	5.54	<0.5		
X094224		3.14	<1	7	<5	107	242	56	5.69	<0.5		
X094225		2.46	<1	<1	<5	81	236	53	5.95	<0.5		
X094226		2.53	1	1	<5	142	299	59	6.62	<0.5		
X094227		2.58	<1	1	<5	250	345	58	5.72	<0.5		
X094228		0.08	50	536	259	4380	4240	111	3.90	1.5		
X094229		3.18	<1	<1	<5	219	285	54	5.43	<0.5		
X094230		1.93	6	2	<5	147	276	52	5.88	<0.5		
X094231		2.47	5	6	<5	259	388	57	5.79	<0.5		
X094232		2.59	<1	<1	<5	105	213	52	5.84	<0.5		
X094233		2.46	<1	<1	<5	80	192	48	5.73	<0.5		
X094234		2.53	5	56	18	226	408	68	7.85	<0.5		
X094235		2.23	10	148	13	367	649	82	7.93	<0.5		
X094236		2.33	14	48	10	566	675	78	6.48	<0.5		
X094237		2.48	9	19	7	544	812	91	9.44	<0.5		
X094238		2.52	14	33	7	719	862	79	6.67	<0.5		
X094239		2.41	11	28	6	435	572	72	7.13	<0.5		
X094240		2.53	4	13	<5	203	340	52	5.50	<0.5		
X094241		2.63	8	40	6	288	431	57	5.62	<0.5		
X094242		2.50	10	31	9	496	678	74	6.72	<0.5		
X094243		2.50	13	51	9	423	629	73	6.88	<0.5		
X094244		2.42	9	18	6	531	734	89	8.97	<0.5		
X094245		0.08	270	3550	825	>10000	>10000	960	3.90	3.8	15750	45600

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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			