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: 30-NOV-2018
Account: MZI

CERTIFICATE TB18287297

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 13-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 TB18287297

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
X094402		0.92	<1	<1	<5	1	<1	<1	13.45	<0.5		
X094403		0.08	5130	2080	1330	87	87	61	0.26	0.7		
X094404		2.37	<1	1	<5	94	328	55	6.78	<0.5		
X094405		2.45	<1	<1	<5	102	370	60	7.74	<0.5		
X094406		2.34	<1	<1	<5	106	327	51	6.21	<0.5		
X094407		2.41	<1	<1	<5	124	349	55	6.79	<0.5		
X094408		2.38	<1	<1	<5	99	368	60	7.79	<0.5		
X094409		2.60	3	61	<5	154	441	68	8.98	<0.5		
X094410		2.35	5	75	6	158	445	68	8.54	<0.5		
X094411		2.52	<1	1	<5	108	354	56	7.14	<0.5		
X094412		3.32	7	71	21	145	370	56	6.97	<0.5		
X094413		1.68	5	109	11	198	353	48	5.50	<0.5		
X094414		2.34	4	90	6	166	405	56	6.37	<0.5		
X094415		2.36	1	118	17	114	369	59	7.51	<0.5		
X094416		2.45	1	1	<5	97	357	58	7.45	<0.5		
X094417		2.54	<1	2	<5	102	359	58	7.35	<0.5		
X094418		2.25	1	24	<5	77	272	46	5.77	<0.5		
X094419		2.37	<1	2	<5	81	337	56	6.98	<0.5		
X094420		2.30	<1	1	<5	66	312	50	6.59	<0.5		
X094421		2.26	<1	5	<5	99	354	58	7.23	<0.5		
X094422		0.08	66	610	289	4240	4180	109	3.82	1.9		
X094423		2.39	3	12	<5	90	338	56	6.89	<0.5		
X094424		2.21	1	5	<5	105	347	56	6.77	<0.5		
X094425		1.61	5	382	35	187	448	51	5.44	<0.5		
X094426		0.97	<1	<1	<5	11	2	1	0.07	<0.5		
X094427		2.03	1	1	<5	98	365	57	7.14	<0.5		
X094428		2.05	<1	<1	<5	46	224	37	4.84	<0.5		
X094429		2.29	<1	1	<5	99	343	55	6.77	<0.5		
X094430		2.17	2	118	10	102	361	56	6.95	<0.5		
X094431		2.47	4	6	<5	209	401	59	7.09	<0.5		
X094432		2.42	2	10	<5	113	361	56	7.18	<0.5		
X094433		2.26	2	10	<5	100	362	59	7.70	<0.5		
X094434		2.27	3	10	<5	149	391	60	7.63	<0.5		
X094435		2.33	6	90	9	136	368	56	6.98	<0.5		
X094436		2.59	4	9	<5	109	385	59	7.53	<0.5		
X094437		2.67	4	30	<5	115	419	63	8.20	<0.5		
X094438		2.78	49	486	45	493	586	70	6.23	<0.5		
X094439		2.60	2	8	<5	167	422	60	7.73	<0.5		
X094440		2.70	1	6	<5	135	432	62	8.15	<0.5		
X094441		2.62	<1	<1	<5	123	420	65	8.92	<0.5		

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Project: 18-101

CERTIFICATE OF ANALYSIS TB18287297

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
X094442		1.20	<1	1	<5	1	3	1	13.15	<0.5		
X094443		2.53	<1	1	<5	120	427	65	9.06	<0.5		
X094444		2.71	3	89	5	130	441	64	8.36	<0.5		
X094445		2.60	<1	1	<5	95	400	62	8.64	<0.5		
X094446		2.66	<1	8	<5	111	430	64	8.99	<0.5		
X094447		2.61	<1	1	<5	114	436	63	8.39	<0.5		
X094448		2.73	<1	1	<5	108	431	61	8.25	<0.5		
X094449		2.80	<1	1	<5	112	474	68	9.13	<0.5		
X094450		2.58	2	4	<5	74	383	53	7.20	<0.5		
X094451		2.44	6	48	<5	124	396	57	7.32	<0.5		
X094452		2.78	6	157	12	272	610	71	8.89	<0.5		
X094453		2.57	1	16	<5	114	474	68	9.03	<0.5		
X094454		2.38	1	10	<5	129	470	67	8.56	<0.5		
X094455		2.47	4	96	8	115	466	66	8.76	<0.5		
X094456		2.56	1	5	<5	123	474	64	8.63	<0.5		
X094457		2.69	<1	1	<5	109	396	57	7.27	<0.5		
X094458		2.33	4	60	5	112	344	49	6.02	<0.5		
X094459		2.33	15	300	34	243	589	68	7.83	<0.5		
X094460		2.60	34	788	81	391	601	71	5.98	<0.5		
X094461		2.30	5	86	11	106	361	52	6.64	<0.5		
X094462		0.08	196	3220	768	>10000	>10000	941	3.97	3.6	16550	47500
X094463		2.45	3	18	<5	138	492	65	8.03	<0.5		
X094464		3.65	2	5	<5	140	439	60	8.00	<0.5		
X094465		2.18	30	32	14	761	1040	64	6.61	<0.5		
X094466		1.24	101	1705	207	1265	1780	91	5.08	<0.5		
X094467		2.43	21	357	22	524	838	79	7.64	<0.5		
X094468		2.26	6	66	9	160	370	67	7.14	<0.5		
X094469		2.08	15	261	35	226	315	53	4.52	<0.5		
X094470		2.80	2	19	<5	158	384	63	7.21	<0.5		
X094471		2.86	2	54	7	115	455	62	7.65	<0.5		
X094472		2.59	3	48	<5	174	518	70	8.74	<0.5		
X094473		3.08	16	176	<5	145	460	66	8.23	<0.5		
X094474		2.66	1	1	<5	108	463	67	8.19	<0.5		
X094475		2.74	5	8	<5	175	383	62	6.46	<0.5		
X094476		2.49	1	15	<5	92	361	53	6.30	<0.5		
X094477		2.77	1	2	<5	129	477	71	8.55	<0.5		
X094478		2.46	9	21	<5	435	746	68	7.60	<0.5		
X094479		0.08	60	624	300	4440	4280	111	3.90	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			