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-DEC-2019
Account: MZI

CERTIFICATE TB19302024

Project: 18-300

P.O. No.: 212623

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 28-NOV-2019.

The following have access to data associated with this certificate:

KAITLYN CHOVANCAK	SAM DAVIES	DENIS DECHARTE
STU GIBBINS	MARK LACOMBE	LINETTE MACINNIS
DAVE PECK	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:

Saa Traxler, General Manager, North Vancouver

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CERTIFICATE OF ANALYSIS TB19302024

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
PP19-104525		1.07	<1	<1	<5	<1	2	<1	13.15	<0.5		
PP19-104526		0.07	4850	1960	1260	88	86	64	0.28	0.9		
PP19-104527		2.18	13	273	153	47	764	88	13.75	0.5		
PP19-104528		2.74	13	254	144	54	726	84	13.20	<0.5		
PP19-104529		2.47	11	241	135	48	714	83	12.95	0.6		
PP19-104530		2.79	11	247	137	49	704	83	12.65	<0.5		
PP19-104531		2.85	12	249	138	52	689	80	12.45	0.5		
PP19-104532		2.17	12	272	139	48	716	84	13.00	0.6		
PP19-104533		2.93	11	273	156	53	712	84	12.95	0.5		
PP19-104534		2.54	8	228	135	52	711	83	12.95	<0.5		
PP19-104535		2.44	11	228	132	51	698	82	12.75	<0.5		
PP19-104536		2.80	13	276	145	56	684	79	12.35	<0.5		
PP19-104537		2.64	12	234	134	52	697	83	12.65	0.5		
PP19-104538		1.82	11	215	124	48	656	78	11.95	<0.5		
PP19-104539		3.98	13	238	132	52	662	79	12.05	<0.5		
PP19-104540		2.34	10	225	131	46	661	76	12.10	<0.5		
PP19-104541		2.54	11	200	111	47	676	79	12.30	<0.5		
PP19-104542		3.04	14	236	137	52	710	81	12.75	<0.5		
PP19-104543		2.98	17	290	153	50	741	85	13.25	<0.5		
PP19-104544		2.13	14	261	141	49	727	84	13.00	<0.5		
PP19-104545		0.07	74	625	307	4420	4360	116	3.98	2.3		
PP19-104546		3.07	8	239	137	45	714	81	12.75	0.5		
PP19-104547		3.06	9	234	132	43	700	81	12.70	<0.5		
PP19-104548		2.68	13	266	131	47	652	75	11.70	<0.5		
PP19-104549		2.65	18	288	146	58	727	82	12.75	0.6		
PP19-104550		2.89	11	249	138	48	706	80	12.60	<0.5		
PP19-104551		2.35	18	346	174	57	746	84	13.10	0.8		
PP19-104552		2.42	18	332	154	49	744	83	13.10	<0.5		
PP19-104553		2.13	22	334	182	53	847	93	14.60	<0.5		
PP19-104554		2.24	12	203	109	42	619	70	11.15	0.6		
PP19-104555		1.91	11	204	105	55	559	69	10.25	<0.5		
PP19-104556		2.15	13	173	96	66	563	69	10.35	0.6		
PP19-104557		2.50	14	182	88	89	543	70	9.81	<0.5		
PP19-104558		2.25	17	162	61	228	352	52	5.63	0.5		
PP19-104559		2.23	14	76	28	170	296	40	4.82	0.5		
PP19-104560		2.18	5	50	20	44	282	35	4.81	<0.5		
PP19-104561		2.17	7	38	17	122	266	36	4.62	0.6		
PP19-104562		2.15	12	57	25	108	272	42	4.89	0.5		
PP19-104563		2.30	9	68	24	66	236	33	4.25	0.5		
PP19-104564		2.29	27	357	138	136	517	60	8.25	<0.5		

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CERTIFICATE OF ANALYSIS TB19302024

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
PP19-104565		1.58	<1	<1	<5	<1	<1	<1	11.80	<0.5		
PP19-104566		2.46	55	1240	714	338	974	95	13.05	0.8		
PP19-104567		2.14	28	330	110	233	591	60	7.88	0.5		
PP19-104568		2.23	154	519	192	214	487	48	5.86	<0.5		
PP19-104569		2.66	9	53	17	95	364	43	5.59	<0.5		
PP19-104570		1.66	11	113	29	136	361	41	5.64	<0.5		
PP19-104571		2.23	40	410	113	359	677	46	5.63	0.6		
PP19-104572		2.38	52	719	231	470	915	70	8.79	0.8		
PP19-104573		2.62	65	487	179	461	741	56	6.31	<0.5		
PP19-104574		1.69	45	419	172	168	713	77	11.20	<0.5		
PP19-104575		2.12	36	409	138	132	514	58	8.16	0.6		
PP19-104576		2.02	49	419	189	211	846	93	13.60	0.8		
PP19-104577		2.51	18	225	90	107	478	55	7.90	0.6		
PP19-104578		2.10	19	196	90	75	412	49	7.58	0.5		
PP19-104579		2.35	30	347	139	145	637	67	10.20	<0.5		
PP19-104580		2.49	11	333	157	53	682	74	11.65	0.5		
PP19-104581		2.47	10	274	142	38	717	81	12.95	<0.5		
PP19-104582		2.24	10	272	149	41	720	81	12.95	<0.5		
PP19-104583		2.29	9	259	143	28	717	80	13.00	<0.5		
PP19-104584		2.35	22	313	159	67	872	90	14.35	<0.5		
PP19-104585		0.12	252	3470	799	>10000	>10000	1035	4.08	4.5	16300	46300
PP19-104586		2.40	15	288	171	81	921	93	14.90	<0.5		
PP19-104587		2.40	20	356	195	62	907	94	15.05	<0.5		
PP19-104588		2.28	33	364	181	145	944	92	14.85	<0.5		
PP19-104589		1.71	62	494	203	309	899	78	12.10	<0.5		
PP19-104590		2.78	40	446	173	423	770	58	7.21	<0.5		
PP19-104591		2.36	11	202	79	169	475	48	6.20	<0.5		
PP19-104592		2.26	4	136	72	86	276	33	3.69	<0.5		
PP19-104593		2.35	38	677	209	653	1155	60	5.49	0.6		
PP19-104594		2.31	20	129	43	159	696	47	5.04	<0.5		
PP19-104595		2.22	1	6	<5	114	431	40	5.04	<0.5		
PP19-104596		2.27	8	1	<5	287	407	39	4.53	<0.5		
PP19-104597		2.32	14	12	13	474	574	39	4.03	0.6		
PP19-104598		2.39	24	74	23	564	900	60	6.07	<0.5		
PP19-104599		2.21	20	202	77	162	663	68	8.86	<0.5		
PP19-104600		2.38	5	94	43	115	146	14	1.40	<0.5		
PP19-104601		2.42	9	87	40	151	134	15	1.44	<0.5		
PP19-104602		0.07	71	651	336	4580	4450	116	3.95	2.3		

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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			