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Report of the Diamond Drilling on the Marshall Lake Property
Drill Holes MAR18-01 to MAR18-09

Thunder Bay Mining Division
Sollas Lake Township, Summit Lake Township,
Province of Ontario

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J.R. Johnson, M.Sc., P.Geo.
R.S. Middleton, P.Eng.

March 29, 2018

Copper Lake Resources Ltd.
501 Alliance Ave., Suite 401
Toronto, ON M6N 2J1

Rainy Mountain Royalty Corp.
1158 Russell Street
Thunder Bay, ON P7B 5N2

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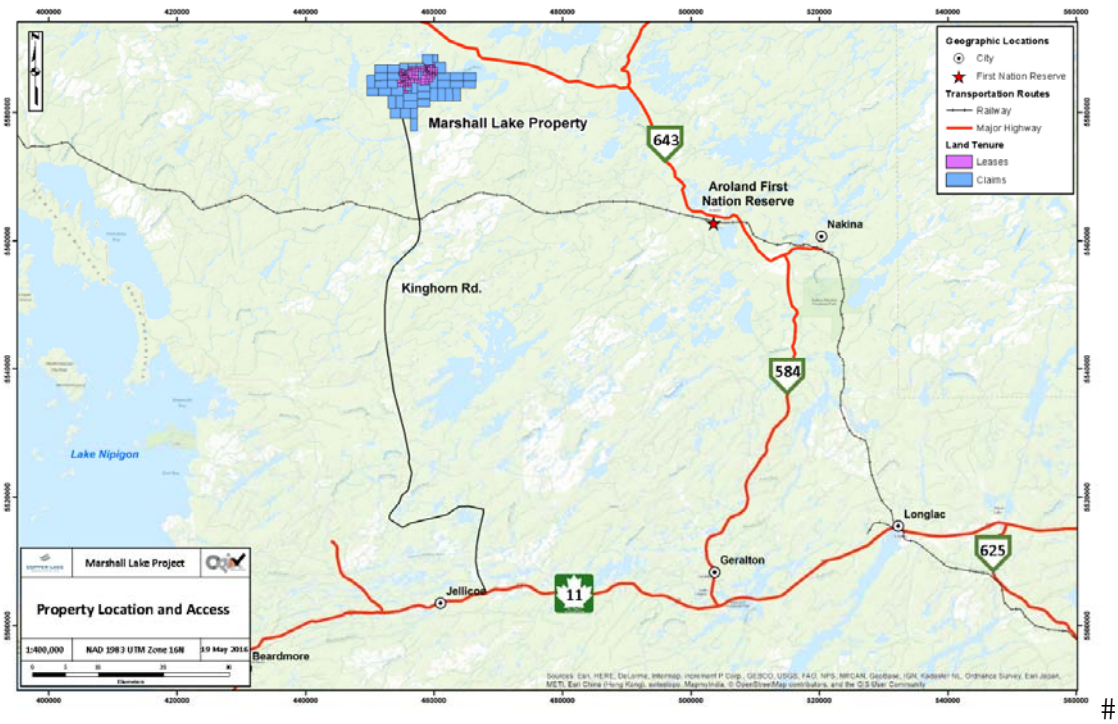
INTRODUCTION

This report is a summary of the Diamond Drilling carried out on mining cells 115642 and 320689 and patents KK22808, KK24346 and KK23034, the Marshall Lake Property in the winter of 2018. Marshall Lake is a joint venture project between Rainy Mountain Royalty Corp. (1158-A Russell Street, Thunder Bay, Ontario, P7B 5N2) at 31.25% and Copper Lake Resources Ltd. (501 Alliance Avenue, Suite 401 Toronto, Ontario, M6N 2J1) at 68.75%. Copper Lake has an option to increase its JV interest to 75% in the project by spending a further $1 million in exploration expenditures ($4 million in total) by July 2018 and Copper Lake has an additional option to increase its JV interest to 87.5% by incurring such additional expenditures as are necessary to take the project to bankable feasibility stage. This drill program was designed to test targets outlined by an Induced Polarization (IP) survey carried out on the property in late Fall 2006. Nine holes were drilled, totalling a length of 1790.2 metres.

PROPERTY, LOCATION AND ACCESS

The Marshall Lake property consists of 520 unpatented mining claim cells with an area of 8864 ha, and 89 leased mining claims with an area of 1566.17ha. The property is located approximately 390 km north of the City of Thunder Bay, Ontario and can be easily accessed by following Highway 11/17 west of the City of Thunder Bay to Highway 11 at Nipigon, Ontario. One travels north on Highway 11 for approximately 120 km to turn north onto the Kinghorn Road, 7km east of Jellico on Hwy 11. One then travels approximately 125 km where the Kinghorn Road intersects the southern portion of the Marshall Lake property claims. Further access from this point is by ATV or on foot.



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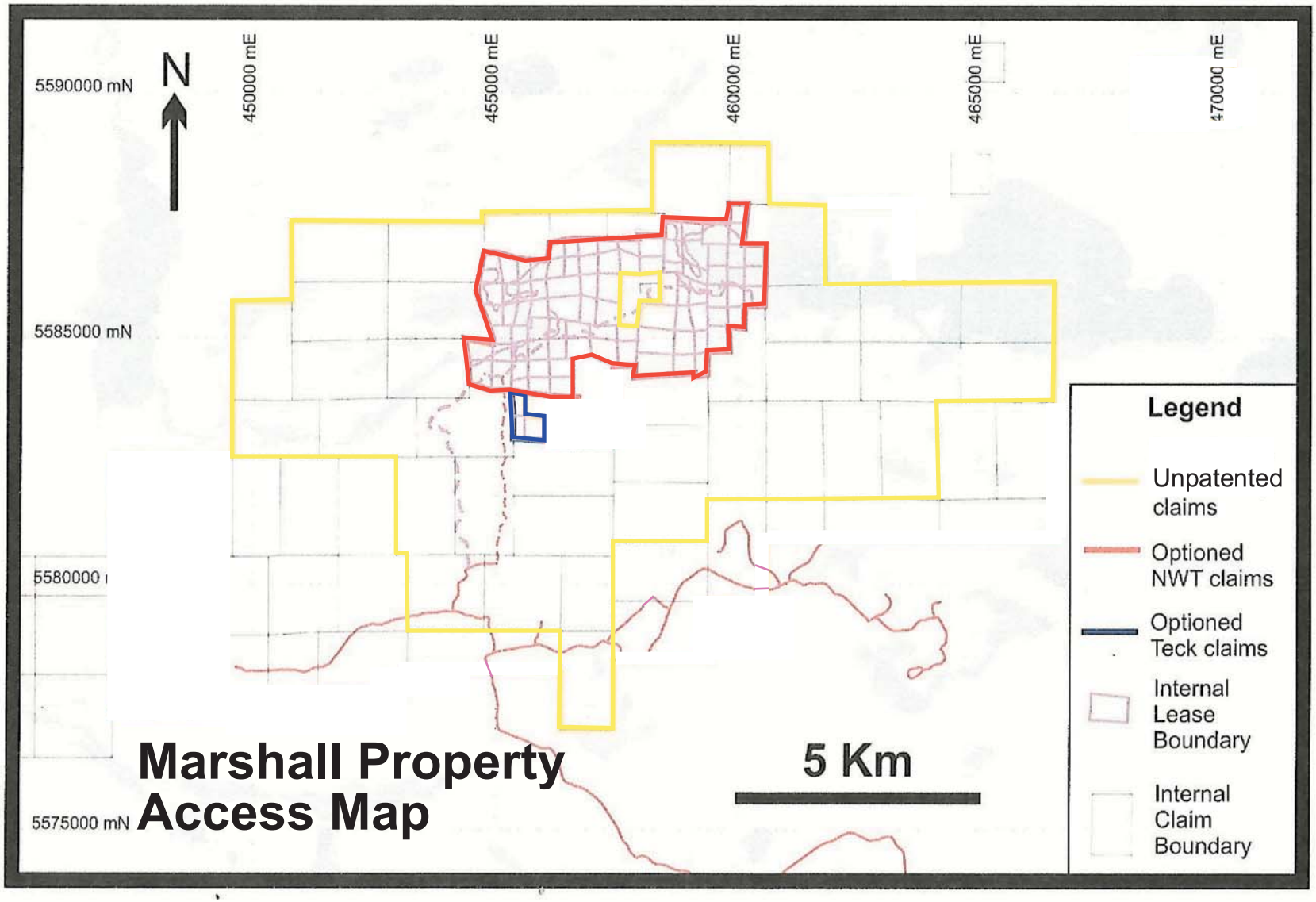
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465000 mE
470000 mE
5590000 mN
5585000 mN
5580000
5575000 mN
Marshall Property
Access Map
5 Km
Legend
Unpatented claims
Optioned NWT claims
Optioned Teck claims
Internal Lease Boundary
Internal Claim Boundary

CLAIM STATUS

The drilling was carried out on three mining leases, KK22808, KK24346 and KK23034. The lease status is as follows:

Township	Claim #	Lease/License	Area (ha)	Expiry Date	Short description
Summit Lake	KK22808	108676	22.46	2031-Jun-30	KK22808
Summit Lake	KK24346	108675	37.66	2031-Jun-30	KK24346
Summit Lake	KK23034	108649	16.24	2031-Jun-30	KK23034

The drilling was carried out on two mining claim cells, 115642 and 320689. This claim status is as follows:

Claim Number	Recording Date	Claim Due Date
115642	2018-Apr-10	2019-Jun-03
320689	2018-Apr-10	2019-Jun-03

A complete list of all the leased claims and mining claims that make up the Marshall Lake property is provided in the following tables:

Marshall Lake leased claim information:

Claim Number	Type	Expiry Date	Lease	Township	Short Description	Area (ha)	Tenure Rights
KK22684	Lease	2029-Nov-30	108305	Summit Lake	KK22684	13.175	MRO
KK22696	Lease	2029-Nov-30	108303	Summit Lake	KK22696	21.007	MRO
KK22697	Lease	2029-Nov-30	108304	Summit Lake	KK22697	10.720	MRO
KK22753	Lease	2031-Jun-30	108677	Summit Lake	KK22753	25.309	MRO and SRO
KK22798	Lease	2031-Jun-30	108656	Summit Lake	KK22798	14.949	MRO and SRO
KK22799	Lease	2031-Jun-30	108655	Summit Lake	KK22799	16.653	MRO and SRO
KK22800	Lease	2031-Jun-30	108652	Summit Lake	KK22800	18.361	MRO and SRO
KK22801	Lease	2031-Jun-30	108651	Summit Lake	KK22801	13.298	MRO and SRO
KK22802	Lease	2031-Jun-30	108650	Summit Lake	KK22802	12.339	MRO and SRO
KK22808	Lease	2031-Jun-30	108676	Summit Lake	KK22808	22.464	MRO and SRO
KK23034	Lease	2031-Jun-30	108649	Summit Lake	KK23034	16.244	MRO and SRO
KK23035	Lease	2031-Jun-30	108648	Summit Lake	KK23035	20.242	MRO and SRO
KK23036	Lease	2031-Jun-30	108647	Summit Lake	KK23036	20.206	MRO and SRO
KK24194	Lease	2030-Nov-30	108453	Summit Lake	KK24194	12.792	MRO and SRO
KK24195	Lease	2030-Nov-30	108452	Summit Lake	KK24195	13.229	MRO and SRO
KK24196	Lease	2030-Nov-30	108451	Summit Lake	KK24196	18.842	MRO and SRO
KK24197	Lease	2030-Nov-30	108450	Summit Lake	KK24197	23.520	MRO and SRO
KK24198	Lease	2030-Nov-30	108449	Summit Lake	KK24198	22.893	MRO and SRO
KK24199	Lease	2030-Nov-30	108448	Summit Lake	KK24199	12.901	MRO and SRO
KK24200	Lease	2030-Nov-30	108447	Summit Lake	KK24200	11.032	MRO and SRO
KK24201	Lease	2030-Nov-30	108446	Summit Lake	KK24201	12.586	MRO and SRO
KK24202	Lease	2030-Nov-30	108445	Summit Lake	KK24202	14.787	MRO and SRO
KK24203	Lease	2030-Nov-30	108444	Summit Lake	KK24203	12.877	MRO and SRO
KK24204	Lease	2030-Nov-30	108443	Summit Lake	KK24204	10.324	MRO
KK24205	Lease	2030-Nov-30	108454	Summit Lake	KK24205	14.318	MRO and SRO
KK24301	Lease	2031-Jun-30	108665	Summit Lake	KK24301	18.255	MRO and SRO

Claim Number	Type	Expiry Date	Lease	Township	Short Description	Area (ha)	Tenure Rights
KK24302	Lease	2031-Jun-30	108664	Summit Lake	KK24302	15.698	MRO and SRO
KK24303	Lease	2031-Jun-30	108663	Summit Lake	KK24303	17.750	MRO and SRO
KK24304	Lease	2031-Jun-30	108646	Summit Lake	KK24304	14.727	MRO and SRO
KK24305	Lease	2031-Jun-30	108645	Summit Lake	KK24305	15.487	MRO and SRO
KK24306	Lease	2031-Jun-30	108644	Summit Lake	KK24306	23.055	MRO and SRO
KK24310	Lease	2031-Jun-30	108662	Summit Lake	KK24310	14.965	MRO
KK24311	Lease	2031-Jun-30	108661	Summit Lake	KK24311	13.921	MRO
KK24312	Lease	2031-Jun-30	108660	Summit Lake	KK24312	18.166	MRO
KK24313	Lease	2031-Jun-30	108659	Summit Lake	KK24313	19.304	MRO
KK24314	Lease	2031-Jun-30	108658	Summit Lake	KK24314	15.787	MRO
KK24315	Lease	2031-Jun-30	108657	Summit Lake	KK24315	17.899	MRO
KK24316	Lease	2031-Jun-30	108669	Summit Lake	KK24316	24.447	MRO and SRO
KK24317	Lease	2031-Jun-30	108671	Summit Lake	KK24317	14.994	MRO and SRO
KK24319	Lease	2031-Jun-30	108654	Summit Lake	KK24319	14.969	MRO and SRO
KK24320	Lease	2031-Jun-30	108653	Summit Lake	KK24320	25.835	MRO and SRO
KK24321	Lease	2031-Jun-30	108668	Summit Lake	KK24321	17.895	MRO and SRO
KK24322	Lease	2031-Jun-30	108670	Summit Lake	KK24322	14.423	MRO and SRO
KK24328	Lease	2031-Jun-30	108672	Summit Lake	KK24328	16.098	MRO and SRO
KK24329	Lease	2031-Jun-30	108667	Summit Lake	KK24329	17.296	MRO and SRO
KK24330	Lease	2031-Jun-30	108666	Summit Lake	KK24330	8.005	MRO and SRO
KK24346	Lease	2031-Jun-30	108675	Summit Lake	KK24346	37.644	MRO and SRO
KK24347	Lease	2031-Jun-30	108674	Summit Lake	KK24347	38.915	MRO and SRO
KK24348	Lease	2031-Jun-30	108673	Summit Lake	KK24348	34.787	MRO and SRO
TB321308	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL	373.476	MRO and SRO
TB321309	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321310	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321311	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321312	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321313	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321314	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321315	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321380	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321381	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321382	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321383	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321384	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321385	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321386	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321387	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321388	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321389	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB359982	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB359983	Lease	2026-Nov-30	107795	Summit Lake	TB321308 ETAL		
TB321713	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26	228.214	MRO
TB321714	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB321715	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB321716	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB321717	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB321718	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB321719	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB321720	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		

Claim Number	Type	Expiry Date	Lease	Township	Short Description	Area (ha)	Tenure Rights
TB321721	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB321722	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB321723	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB321724	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB321725	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB321726	Lease	2029-Mar-31	108233	Summit Lake	TB321713-26		
TB395050	Lease	2027-Jun-30	107871	Summit Lake	TB395050-55	89.087	MRO and SRO
TB395051	Lease	2027-Jun-30	107871	Summit Lake	TB395050-55		
TB395052	Lease	2027-Jun-30	107871	Summit Lake	TB395050-55		
TB395053	Lease	2027-Jun-30	107871	Summit Lake	TB395050-55		
TB395054	Lease	2027-Jun-30	107871	Summit Lake	TB395050-55		
TB395055	Lease	2027-Jun-30	107871	Summit Lake	TB395050-55		
					Total	**1,566.167**	

MRO = mining rights only, SRO = surface rights only

Claim#	Issue Date	Anniversary Date	Owner Client#	Area /# of Cells
100004	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100010	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100011	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100023	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100025	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100040	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100062	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100063	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100064	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100077	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100078	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100079	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100080	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100158	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100161	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100162	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100331	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100353	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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100505	2018-04-10	2019-10-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100506	2018-04-10	2019-10-07	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100507	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100508	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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100511	2018-04-10	2019-10-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100517	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100518	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100521	2018-04-10	2019-06-03	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100531	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100532	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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100552	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100628	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
100700	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
101886	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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102068	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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115602	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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115618	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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115673	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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115701	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
115703	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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115788	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
115789	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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116078	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
116107	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
116129	2018-04-10	2019-10-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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125539	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125554	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125555	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125557	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1

125558	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125568	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125626	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125627	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125630	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125631	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125632	2018-04-10	2019-10-07	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125633	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125641	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125642	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125647	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125672	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
125673	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
126204	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
127684	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
128352	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
128353	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
129030	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
129031	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
129032	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
129549	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
129594	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
141438	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
141440	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
141458	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
141459	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
141460	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
141483	2018-04-10	2019-06-03	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142018	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142036	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142037	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142042	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142043	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142044	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142045	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142127	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142128	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142133	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142144	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142145	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142146	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142147	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142151	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142154	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142155	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142688	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
142701	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
143350	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
144039	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
144731	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
145409	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154212	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154243	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154244	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154246	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154261	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154264	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154795	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154908	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154909	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154910	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154912	2018-04-10	2019-10-07	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154914	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
154929	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
155454	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
155487	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
155528	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
155602	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
156199	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
156825	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
158130	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
158159	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
158160	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
158804	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
158805	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
158806	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
158812	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
160891	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
162167	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
162168	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
162954	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
162960	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1

162984	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
164868	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
166889	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
170777	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
170778	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
170779	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
170800	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
170829	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
170834	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
170853	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
170876	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
170878	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
170881	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
170882	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
171476	2018-04-10	2019-10-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
171477	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
171480	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
171489	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
171519	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
171534	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
177637	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
177697	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
179735	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
199533	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200051	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200052	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200053	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200078	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200081	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200103	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200120	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200121	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200122	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200138	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200139	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200719	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200725	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200726	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200728	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200729	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200752	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200753	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200754	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200755	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200759	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
200850	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
201455	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
201456	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
202143	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
202761	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
202762	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
202782	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
203481	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
204116	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
207563	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208079	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208097	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208100	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208101	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208102	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208103	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208104	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208116	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208141	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208142	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208146	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208147	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208172	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208173	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208186	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208759	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208760	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208761	2018-04-10	2019-10-07	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208771	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208773	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208774	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208775	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208780	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208788	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208810	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208811	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
208825	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1

208826	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
209487	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
209549	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
209550	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
210210	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
211543	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
211544	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
212182	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
212222	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
213350	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
214825	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
219664	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
219665	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
219673	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220191	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220195	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220200	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220217	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220262	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220263	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220264	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220325	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220327	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220328	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220329	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220330	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220341	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220342	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220343	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220852	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220856	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220875	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220885	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220886	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
220915	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
221560	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
221633	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
222274	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
222899	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
223594	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
224212	2018-04-10	2019-10-07	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
224230	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
224231	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
224276	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
224277	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
225429	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
225430	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
226940	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
226943	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
226970	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227002	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227023	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227539	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227540	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227543	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227563	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227623	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227624	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227633	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227634	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227639	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227640	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227660	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227678	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
227687	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
228191	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
228346	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
228347	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
228909	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
229534	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
229667	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
230997	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
257554	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
258807	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
258808	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
259533	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
260223	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
260224	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266150	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266157	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266689	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266713	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1

266714	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266717	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266718	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266719	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266738	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266753	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266754	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266755	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266757	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266758	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
266759	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
267353	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
267354	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
267358	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
267359	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
267360	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
267371	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
267377	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
267378	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
267414	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
268182	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
268183	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
268184	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
268242	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
268776	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274090	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274091	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274092	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274112	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274113	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274117	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274118	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274141	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274159	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274186	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274187	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274191	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274204	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274781	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274784	2018-04-10	2019-10-07	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274794	2018-04-10	2019-10-07	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274795	2018-04-10	2019-10-07	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274798	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274799	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274800	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274804	2018-04-10	2019-06-03	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274837	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274848	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
274871	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
275434	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
276823	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
276824	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
278082	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
278896	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
278903	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
279596	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
279597	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
279598	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
280214	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
280236	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
280249	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
280293	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286234	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286235	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286253	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286254	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286255	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286256	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286271	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286276	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286277	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286847	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286851	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286852	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286853	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286869	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286921	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286924	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286925	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286938	2018-04-10	2019-10-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286939	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
286943	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1

286954	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
287468	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
287482	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
287553	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
287554	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
288205	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
288920	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
289713	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
294188	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
294199	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
294200	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
294207	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
294219	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
294220	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
294221	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
294253	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
296898	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
297012	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
297520	2018-04-10	2019-10-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302571	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302572	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302573	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302595	2018-04-10	2019-06-03	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302598	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302614	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302636	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302637	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302638	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302705	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302708	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302710	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302719	2018-04-10	2019-10-07	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302720	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
302722	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
304067	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
304068	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
309216	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
309217	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
309218	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310644	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310645	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310646	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310647	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310662	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310663	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310664	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310665	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310740	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310754	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
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310757	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310761	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310762	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310768	2018-04-10	2019-06-03	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310769	2018-04-10	2019-06-03	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310782	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310785	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
310796	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
311459	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
312035	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
312672	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
312794	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
312801	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
313425	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
313451	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
313452	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
314144	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
314695	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
314696	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320649	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320656	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320657	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320671	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320672	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320673	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320676	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320677	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320680	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320681	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320689	2018-04-10	2019-06-03	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320691	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
320712	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1

320714	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
322817	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
322875	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
322896	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
322898	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
322899	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
322900	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
322901	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323474	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323475	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323476	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323483	2018-04-10	2019-10-07	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323484	2018-04-10	2019-10-07	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323485	2018-04-10	2019-07-22	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323486	2018-04-10	2019-08-28	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323504	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323505	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323514	2018-04-10	2019-09-11	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323557	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
323558	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
324096	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
324097	2018-04-10	2019-10-02	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
324207	2018-04-10	2019-09-19	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
324208	2018-04-10	2019-09-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
325474	2018-04-10	2019-02-23	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
325498	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
325499	2018-04-10	2019-08-18	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
326195	2018-04-10	2019-10-20	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
326838	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
326839	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1
326840	2018-04-10	2019-08-08	(128645) RAINY MOUNTAIN ROYALTY CORP., (406759) COPPER LAKE RESOURCES LTD	1

In 2006 Rainy Mountain Royalty Corporation together with Marshall Lake Mining PLC acquired a 100% stake in the property for the first time since its discovery in 1954. This allowed complete coverage of the Main Billiton Zone, peripheral satellite deposits, the Teck Hill showing and the interpreted stringer deposits. A variety of geophysical surveys were conducted on the property, including Induced Polarization (IP), Airborne Electromagnetic (AEM) and magnetics, which resulted in subsequent trenching of zones and diamond drilling programs ensued to test the targets. Specific attention was focused towards establishing an inferred resource of portions of the stringer zone (Gazooma, Gazooma North, and Teck Hill), along with identifying a possible extension to mineralization to the southern region of the property at the felsic conformity with the regional banded iron formation (proposed by Forslund (2008)). In 2010, the Joint Venture optioned the project to Copper Lake Resources. To date, Copper Lake focused its recent exploration work on the Gazooma North Zone (now called the RM Zone). Work in the RM Zone was predominantly concentrated on copper stringer style shallow mineralization and a large part targeted IP chargeability anomalies. None of the historical programs ever explored the possibility that massive sulphide mineralization could potentially be associated with the stringer zones. The following sections of historical exploration activities have been compiled from various assessment reports on file at the MNDM and are easily accessed by the public.

Pre-2006 Historical Exploration Summary

1952 Kennco Explorations (Canada) Ltd. conducted an airborne electromagnetic (AEM) and MAG survey over the entire area.
1954 Teck Corporation discovered a high grade Cu/Zn showing to the south of Gripp Lake.
1955 Teck Corporation carried out magnetic surveys, EM surveys followed by a 20-hole diamond drilling program.
1955 Consolidated Marbenor Mines Ltd. drilled four diamond-drill holes, totaling 678m in length on the eastern shore of Summit Lake and intersected minor amounts of gold and copper.
1955 New Goldvue Mines Ltd. and Prospectors Airways Co. Ltd. conducted geophysical surveys (MAG, EM) in the Little Marshall Lake area, following holes (eight for 764m and eight for 917m, respectively) and found iron formation and graphite. Both of these areas are away from the Marshall Lake property.
1958 George Langford carried out geological mapping for the Ontario Ministry of Northern Development and Mines, Ontario Geological Survey.
1961 Teck Corporation carried out a 12-hole diamond drilling program for 1420m.
1962 Min-Ore Mines Ltd. carried out a six-hole diamond drilling program.
1962 Sheridan Geophysics Ltd. carried out an EM survey, a magnetic survey and an extensive diamond drilling program for more than 3000m on behalf of Jacobus Mining Corp.
1963 Marshall Lake Mines (with G. Reid) carried out a two-hole program for 105m.

1965 Vincent Feely carried out a seven-hole diamond-drilling program for 301m (possibly north of the area).

1967 Marshall Lake Mines Ltd. carried out a four-hole diamond drilling program for 610m.

1968 Kendon Copper Mines Ltd. carried out a diamond drilling program of over 50 holes for more than 3600m. A “reserve” was estimated for the Kendon Zone of 242,000 ton grading 1.45% copper, 4.76% zinc and 2.8oz/t silver in November, 1969. The resource is historic in nature and does not conform to 43-101 standards.

1969 NWT Copper Mines Ltd. carried out a 13-hole diamond drilling program, as well as a property report. NWT also drilled 723.2m of drilling on other zones.

1970 A.S. Bayne carried out a feasibility study resulting in the calculation of a 1,174,810tons resource on the Main Billiton zone grading 0.82% copper, 2.71% zinc, 1.77oz/t silver and 0.006oz/t gold based on 58 holes which was completed prior to NI43-101. This zone is east of the Kendon zone for which a separate historical resource was estimated.

1971 Teck Corporation carried out an EM survey, a magnetic survey and self-potential survey.

1973 NWT Mines acquired the Kendon Copper Mine property and consolidated the Main Billiton area.

1973 St. Josephs Exploration optioned the properties and transferred them to a new holding company, Giant Gripp Mines. They drilled 11 holes.

1974 Giant Gripp Mines Inc. carried out a MAG, a horizontal loop electromagnetic (HLEF) and a VLF-EM survey.

1975 Imperial Oil optioned the Teck Hill and Main Billiton properties from Teck Corp and Giant Gripp respectively consolidating the Marshall Lake property.

1976 Imperial Oil conducted IP surveys, detailed geological mapping and rock chip sampling.

1977 Imperial Oil conducted additional geophysical and geological mapping surveys and diamond drilling.

1981 Corporation Falconbridge Copper carried out a ground magnetic survey, VLF-EM and soil geochemistry, followed by a geological report and plans.

1983 Corporation Falconbridge Copper carried out a three-hole diamond drilling program with assays and a report by G. Wells.

1989 S.E. Amukun carried out a geological program, Precambrian Geology: Little Marshall Lake Area.

1990 T. Keast carried out the writing of a report of work by Granges Inc. for NWT Copper Mines Ltd.

1992 Giant Gripp Mines Inc. carried out a diamond drilling program.

1993 H. Hugon wrote a report on the structure of the Marshall Lake for Challenger Minerals Ltd.

1994 Challenger Minerals Ltd. carried out an EM survey as well as diamond drilling with assays.

1995 Ian Campbell wrote the report for the airborne EM survey, airborne magnetic survey, and a five-hole diamond-drilling project for Consolidated Abitibi Resources.

1996 NWT Copper Mines Ltd. carried out a diamond drilling program.

2000 G. Stott carried out geological mapping for the Ontario Ministry of Northern Development and Mines, Ontario Geological Survey.

2006-2008 East West Resources and Eyeconomy acquire the entire Marshall Lake property and completed exploration including mapping and prospecting, trenching (31 trenches completed and sampled), drilling (58 holes), Induced Polarization, Magnetics, and VTEM surveys.

2010-2013 White Tiger Mining drilled 37 diamond drill holes at the RM Zone and completed additional IP surveys.

In 1952, Kennco Explorations (Canada) Ltd. conducted an airborne electromagnetic (AEM) and MAG survey on a larger area that included all of the map area.

The initial mining activity of the map area was triggered by the discovery of copper-zinc mineralization by prospectors of Teck-Hughes Gold Mines Ltd. (now Teck Corporation Ltd.) in the fall of 1954, about 1.6km south of Gripp Lake (Langford, 1959). In the ensuing staking rush, most of the Gripp Lake-Marshall Lake area was staked.

In the winter of 1954-1955, Teck-Hughes Gold Mines Ltd. put down 20 diamond-drill holes (numbered 1 to 20) for a total length of 2557m. The company also carried out exploration work including trenching, ground and airborne electromagnetic (EM) and magnetic (MAG) surveys, and geological mapping. In 1961, an additional 12 diamond-drill holes (numbered 21 to 32) totaling 1420m in length were collared. In 1971, MAG, self-potential (SP) and Very Low Frequency Electromagnetic (VLFEM) surveys were also completed on the "Teck Showing".

Following the staking rush, the Billiton Company excavated trenches that exposed copper-zinc mineralization south of the western end of Marshall Lake (Langford, 1959). Several owners have since acquired the "Billiton Showing" and have performed exploration work.

In 1962, Jacobus Mining Corp. Ltd. Hired Sheridan Geophysics Ltd. to conduct geophysical surveys which resulted in follow-up diamond drilling totaling over 3000m in the Marshall Lake area.

Kendon Copper Mines Ltd. acquired the claims west of and including the leased claim KK23033 (presently TB346422). In the spring of 1968, an IP survey was completed on part of the Kendon property. Between August 1968 and July 1970, over 50 diamond drill holes totaled over 3600m in length. Boreholes names were designated according to the zone numbers and completed on the D, S, B, N, K, M (the "Billiton Showing"), J and F zones by Kendon Copper Mines Ltd. The core recovered from three diamond-drill holes (MT series) was used for mill test purposes. Exploration up to November 1969 indicated estimated reserves at the Kendon property of 242,000 tons averaging 1.45% copper, 4.76% zinc and 2.8oz/t silver (Sullivan, 1970).

N.W.T. Copper Mines Ltd. held the ground east of KK23033. In 1968 and 1969, this company conducted additional geophysical surveys on the "Billiton Showing". Diamond

drilling, totaling 2461m in length was put down on the eastern extension of the main (M) zone of Kendon Copper Mines Ltd.; 723.2m of preliminary testing of five other mineralized zones (Bayne, 1970) was carried out as well. In 1970, a feasibility study of the main zone of N.W.T. Copper Mines Ltd. was conducted by the consulting engineering firm of A.S. Bayne and Company. The company described an area of indicated and inferred mineralization east of claim KK23033 amounting to 1,065,760 tons to a depth of 300m grading 0.82% copper, 2.71% zinc, 1.77oz/t silver and trace amounts of gold (Bayne, 1970).

By 1973, N.W.T. Copper Mines Ltd. had acquired the Kendon Copper Mines property and hence the entire strike length of the Billiton showing. In 1973, St. Joseph Explorations Ltd. optioned 45 leased and 21 unleased claims off N.W.T. Copper Mines Ltd., which were then transferred to a new holding company, Giant Gripp Mines Inc. The exploration surveys conducted by St. Joseph Explorations Ltd. included a magnetic survey, horizontal loop electromagnetic (HLEF) survey, a VLF-EM survey, and a total of 11 diamond drill holes.

In October 1975, Imperial Oil Limited entered into an option agreement with Giant Gripp Mines Inc. and Teck Corporation Ltd. to investigate a large block of claims in the Gripp Lake-Marshall Lake area including the original Billiton and Teck prospects. In the summer of 1976, several surveys including IP work, detailed geological mapping and rock trenching were conducted. In 1977, Imperial Oil Limited conducted additional geophysical and geological surveys and diamond drilling.

In the 1960s and 1970s, several individuals conducted exploration work on parts of the Marshall Lake geological map area away from the Marshall Lake project. In 1965, V. Feeley collared seven diamond drill holes (total length of 302m) on the eastern border of the map area north and south of Marshall Lake. F. Koosel conducted magnetic surveys, EM surveys and rock trenching in the area north of Little Marshall Lake and south of Lake "B" (informal name) in 1971. R. Pelky completed two diamond drill holes totaling 152m in length for C. Gonzales in 1973.

Activity conducted during the 1977 field season included prospecting, rock trenching, geological mapping, ground geophysics and diamond drilling by employees of Imperial Oil Limited. Prospecting and rock trenching were also performed by various individual prospectors on their claims in the Gripp Lake area. Additional staking in the map area in 1977 was conducted in the area south and west of Phillips Lake after the completion of the field component of this report.

In the last half of 1992, Challenger Minerals Ltd carried out an extensive compilation review of all existing data. This was followed by a one-month field geological examination and an eight-hole, 3022 feet, diamond drill program (Campbell, 1993). Results were considered very positive and a comprehensive exploration program was recommended for the property in 1993.

The 1994 exploration program consisted of diamond drilling, surface and borehole PEM geophysical surveys, limited geological mapping, and lithogeochemical data manipulation. Diamond drilling was subcontracted to St. Lambert Drilling Co. of Valleyfield, P.Q., and, the geophysical surveys to Crone Geophysics of Mississauga, Ontario (Campbell, 1997).

The drilling was a continuation of a drill campaign started in November 1993, and consisted of finishing hole CML 93-11, and three additional drill holes totaling 5978 feet. Concurrent with the drilling, approximately 45 line-kilometers of surface DEEP-EM geophysics was completed, and, borehole geophysics was performed on five-drill holes (Campbell, 1997).

During the summer months, data manipulation of whole rock geochemical data was completed which clearly outlines areas of intense hydrothermally altered felsic volcanic rocks. Analyses of major and trace element geochemistry indicates the majority of the supracrustal rocks comprising the sampled areas to be calc-alkaline dacitic felsic volcanics (Campbell, 1997).

During 1995, a multistage exploration program was completed on the Marshall Lake property by Consolidated Abitibi Resources Ltd. The program included a five-hole, 7,335 feet, diamond drill program and subsequent borehole PEM on three of the holes, followed by geological and structural mapping, lithogeochemical sampling, a 350 line-kilometer airborne electromagnetic survey, and finally data manipulation and interpretation (Campbell, 1997).

Based on this work it was concluded that the Marshall Lake property contains similarities with other VMS camps:

- a rusty, felsic agglomeratic unit found east of the Main Zone, stratigraphy about the rose petal alteration and,
- a bedded pyrite-sericite schist unit with local cherty beds found to the southeast of the Billiton zone.

The bedded pyrite-sericite schist was interpreted represent a hiatus in volcanism and appears to be laterally equivalent to the agglomerate unit. The unit also marks a change in volcanism from predominantly dacite-rhyodacite to dacite-andesite (Campbell, 1997).

The identification of these two units in their relative stratigraphic position was considered significant (Campbell, 1997).

Another major conclusion is that the Main Zone mineralization appears to occupy the axial planar hinge zone to a large scale second phase fold. Based on regional tectonics which generated the folds, secondary remobi1ization of any mineralization along a hinge structure would be from east to west, a consequence of northwest directed compression (Campbell, 1997).

East West Resource Corp. (2006 to 2009)

East West Resource Corporation (now called Rainy Mountain Royalty Corp) explored the Marshall Lake copper-zinc-silver-gold property from 2006 to 2009. The exploration efforts discovered copper stringer style mineralization at the Gazooma, North Gazooma, Teck Hill, Cherry Hill, Main zone, Lease, Jewel Box, G-Zone, D-Zone, Open Pit, Anarod, North Zone, West Zone, Swamp Zone, South Zone as well as unnamed showings on the west and south sides of Gripp Lake. These areas consist primarily of copper mineralization, although additional zinc mineralization was discovered near the historical Billiton zone (Nielsen, 2010).

East West Resource Drilling and Trenching Programs

East West Resource Corporation's exploration effort on the Marshall Lake copper-zinc-silver-gold property consisted of diamond drill programs conducted in December 2006, May-September 2007 and May-June 2008 as discussed in the 43-101 report written by Nielsen et al. (2010). These efforts were directed at the Gazooma, North Gazooma, Teck Hill, Cherry Hill areas where extensive copper mineralization exists.

In total, East West Resources drilled 58 drill holes between December 2006 and June 2008 as summarized in the Table 6.1. Additionally, East West Resource Corporation excavated 31 trenches on the property during the 2006 to 2008 program as summarized Table 6.2.

East West Resources VTEM Surveys

Two Versatile Time-Domain Electromagnetic Survey ("VTEM") survey was flown by Geotech in 2007 on the Marshall Lake Property (Geotech Ltd., 2007) for East West Resources. The first survey was completed between February 25th and 26th, and second survey completed between September 20th and October 13th. A total of 1486.9 line-km were flown covering 219.3km^2. The block was covered at a traverse line spacing of 150 m in different directions to meet geological target specifications. Tie lines were flown perpendicular to traverse lines. The mean terrain clearance of the survey was 80m, amounting to an approximate 40m height of the VTEM system and 65m height of the magnetic sensor. Further survey information can be found in the two final survey reports by Geotech Ltd. (2007), which are filed for assessment credit with the MNDM.

The surveys produced a large number of quality anomalies, and helped map out the geometry and extent of mineralization. In the eastern portion of the property near surface anomalies were found in two distinct geological environments; in a gabbroic intrusion in contact with iron formation with potential Co-Ni-PGE mineralization; and within the volcanic pile in proximity to sulphide facies banded iron formation south of Main and Billiton occurrences, and an area likely to host zinc rich massive sulphide deposits. In addition, deeper anomalies were detected beneath the Gazooma and Teck zones.

East West Resource IP and Magnetic Surveys

Between November 2007 and March 2008, a staged ground geophysical program was completed using seven different cut-line grids; totaling 144 line-km. A total of 118.8 line-kilometers was covered with an IP survey. Two main ground magnetic surveys were completed. The first covered D Zone, Open Pit and Main Zone and was a total of 106.8 line-km. The second covered the Teck Hill area and covered a total 25.1 line-km, for a total of 131.9 line-km of ground magnetic data on the property (Grant, 2007; Grant, 2008).

The IP surveys were successful in locating and outlining a number of conductive zones and defining enough of their strike lengths and directions so they could be drill tested. Mise a la Masse was also conducted on the Gazooma area from a surface showing in order to better understand the striking direction. The results were recorded as negatives due to strength and closeness of the zone to surface. However, the results on line 200m south and 45m west indicate that the showing is trending east to slightly northeast and is currently unconstrained to the east. Additionally, the zone also appears to be dipping slightly south to near vertical. The second area of the Mise a la Masse survey coverage was from drill hole GAZ-06-02 that was collared at line 225m south and 45m west and drilled north at -60° angle to intersect the showing first read with Mise a la Masse. The current injection point was 22 meters down hole and lines 175m south, 200m south, 225m south, 250m south, base line 0 west, 50m west and 100m west were read at 25 meter intervals. The results were again negative numbers, which would suggest that the source is too near surface for proper results. However, the shape of the zone was outlined. The strike of the zone appears to be in an east-west direction again open to the east. The zone also appears to expand in a northwest direction from the injection point (Grant, 2007; Grant, 2008).

White Tiger Mining (2010 to 2013)

White Tiger Mining (Now called Copper Lake Resources) optioned the Marshall Lake project in 2010 from East West Resources. Between 2010 and 2013, White Tiger Mining completed 4 separate drilling campaigns for a total of 37 diamond drill holes in the RM Zone (Tab. 6.1). The company also completed some additional IP surveying and 2D and 3D IP modelling. Drilling was focused on relatively shallow IP anomalies, which coincided with copper stringer zones in the RM Zone. The following summary of the drilling campaigns is extracted from reports filed with the MNDM (Gibson and Cempírek, 2013 & Gibson, 2014) and press releases that have been filed on SEDAR.

White Tiger Mining Drilling Programs

Diamond drilling on the Marshall Lake property in 2010 consisted of 13 holes (GAZ-10-15, GAZ-10-16, GAZN-10-09 to GAZN-10-19) with a total length 2427.99m. These thirteen holes were drilled from October 1st to November 6th, 2010. Road work and mobilization of the drill to the Marshall Lake property at the beginning of the program occurred on July 30th, 2010.

Diamond drilling on the Marshall Lake property in 2011 was comprised of 11 holes (RMZ-11-20 to RMZ-11-30) with total length 1940.97m. These eleven holes were drilled from March 10th to April 15th, 2011 and then from September 16th to October 5th, 2011. Mobilization of the drill to the Marshall Lake property at the beginning of the program occurred on September 14th, 2011.

Diamond drilling on the Marshall Lake property in 2012 was comprised of 10 holes (RMZ-12-30 to RMZ-12-39) with total length 2662.17m. These ten holes were drilled from September 2nd to October 3rd 2012 and then from December 3rd to December 16th 2012.

Drilling in 2013 was intended to test one of four prominent 3D chargeability anomalies identified from the IP inversion modelling, while simultaneously filling in and consolidating the drill pattern between the RM and the RM-South zones. Three drill holes were completed totaling 460.85m of drilling between March 19th and March 24th, 2013.

White Tiger Mining IP Survey

Exsics Exploration Limited, completed a detailed IP and downhole Mise a la Masse surveys, for White Tiger Mining, over a portion of their claim holdings in the Summit Lake Area, Ontario. The purpose of this program was to locate and define favorable geological setting for copper, zinc, silver and gold deposition (Grant, 2011).

The two phase of the ground geophysical program commenced on the March 7th, 2011 with the Mise a la Masse surveys of holes GAZN-10-11 and RMZ-11-21 which were completed by the March 15th, 2011. The second phase started on the May 5th, 2011 and was completed on the May 16th, 2011 and consisted of surface IP across lines 350mN to 800mN and lines 50mW to 550mW (Grant, 2011).

In all, a total of 12.2 kilometers were covered by the surface IP survey with an additional 11.2 kilometers covered by the down hole Mise a la Masse survey. The lines cover the areas: Gripp Lake West, D Zone, Main Zone, Open Pit, Gazooma and Teck Hill (Grant, 2011).

Table 1: Marshall Lake Historical Drilling (after Amukin, 1989; Campbell, 1995; Nielsen et al. 2010).

Year	Company	Number of Holes	Meters (m)	Location
1955	Teck	20	2557	Teck Hill
1961	Teck	12	1420	Teck Hill
1962	Min-Ore Mines	6	**?**	Main Billiton
1962	Jacobus Mining Corp	63	3306.1	Main Billiton
1963	Marshall Lake Mines	2	105	Main Billiton
1965	Vincent Feeley	7	301	Possibly outside area
1965	Marshall Lake Mines	5	**?**	Main Billiton

1967	Marshall Lake Mines	4	610	Main Billiton
1968-70	Kendon Copper Mines	50	3600	Main Billiton
1969	NWT Copper Mines*	13	2461	Main Billiton
1969	NWT Copper Mines	**?**	723.2	Other Zones
1973	St Joseph's Exploration	11	460.3	Main Billiton
1974	J. McDermott	6	310.6	Main Billiton
1975	J. McDermott	4	114.9	Main Billiton
1976	Giant Gripp Mines	1	32	Gripp Lake
1977	Imperial Oil	30	3011.1	Main Billiton and Teck Hill
1978	Imperial Oil	6	513.3	Gripp Lake
1983	Falconbridge Copper	3	1706	Giant Gripp and Dungarvon
1992	Giant Gripp Mines	8	921.1	Main Billiton
1994	Challenger Minerals	6	3126.9	Main Billiton and South Billiton
1995	ConsolidatedAbitibi Resources	5	2236.3	Main Billiton and Gripp Lake
1996	NWT Copper Mines	2	1062	Main Zone and Teck Zone
2006	East-West Resources	14	1166	Gazooma
2007	East West Resources	24	2538.4	Teck Hill Showings
2008	East West Resources	20	2914.95	Gazooma and Gazooma North
2010	White Tiger	13	2427.99	RM (Gazooma North)
2011	White Tiger	11	1940.47	RM (Gazooma North)
2012	White Tiger	10	2662.17	RM (Gazooma North)
2013	White Tiger	3	460	RM (Gazooma North)
Total		359	42687.78	

Table 2: Marshall Lake Historical Trenching (Nielsen et al. 2010).

Years	**Company**	**Target**	**Number of Trenches**	**Area**
2006-2008	East-West	Cherry Hill	1	Gazooma NE
2006-2008	East-West	Teck Hill	2	Teck Hill
2006-2008	East-West	Lease	4	Gazooma North
2006-2008	East-West	Tala	6	Tech Hill East
2006-2008	East-West	Jewel Box	1	North RM/Gazooma North
2006-2008	East-West	Gazooma	1	Gazooma
2006-2008	East-West	G Zone	1	
2006-2008	East-West	Enzo	1	East Teck Hill
2006-2008	East-West	Lin Zn	1	East Teck Hill
2006-2008	East-West	Baseline Series	7	East Teck Hill

Years	Company	Target	Number of Trenches	Area
2006-2008	East-West	D Zone	3	"VTEM 6" area
2006-2008	East-West	North Copper	1	NE Teck Hill
2006-2008	East-West	Main Zone	1	Main Billiton
2006-2008	East-West	North Diabase	1	North Billiton
Total			31	

GEOLOGICAL SETTING AND MINERALIZATION

Regional Geology

The Marshall Lake area has been a focus for geological mapping over many years. Early OGS mapping programs were done by Amukun (1989) and Stott and Straub (1999). Recently, the host volcanics were a topic for an honours thesis by Forslund (2008). The Marshall Lake area is located at the northern margin of the ca. 2800Ma Onaman-Tashota greenstone belt of the Wabigoon Subprovince (Fig. 1). From the base upwards, the Marshall Lake dacitic volcanic pile is composed of thickly bedded tuff overlain by massive domes and flows. It is intruded in the west by the Summit granitic stock (Stott and Straub, 1999; Amukun, 1989; Fig. 2).

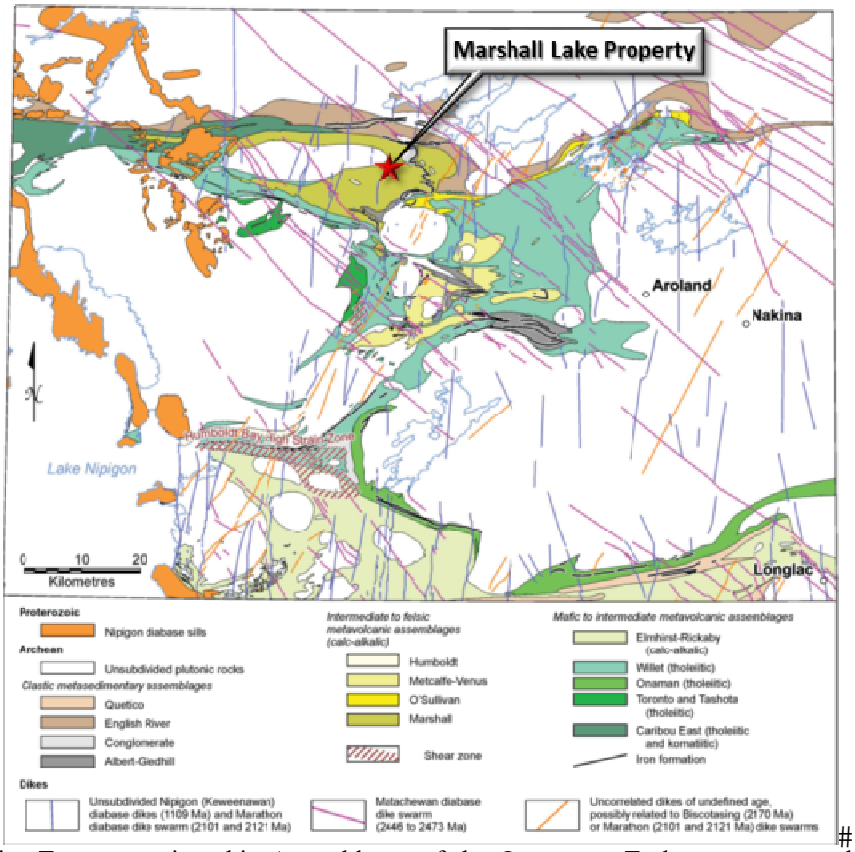

Figure 1: Major Tectonostratigraphic Assemblages of the Onaman – Tashota greenstone belt, showing orientation and distribution of Proterozoic diabase dyke swarms, Eastern Wabigoon Subprovince (modified from Stott et al., 2002 *in* Hart, 2016).

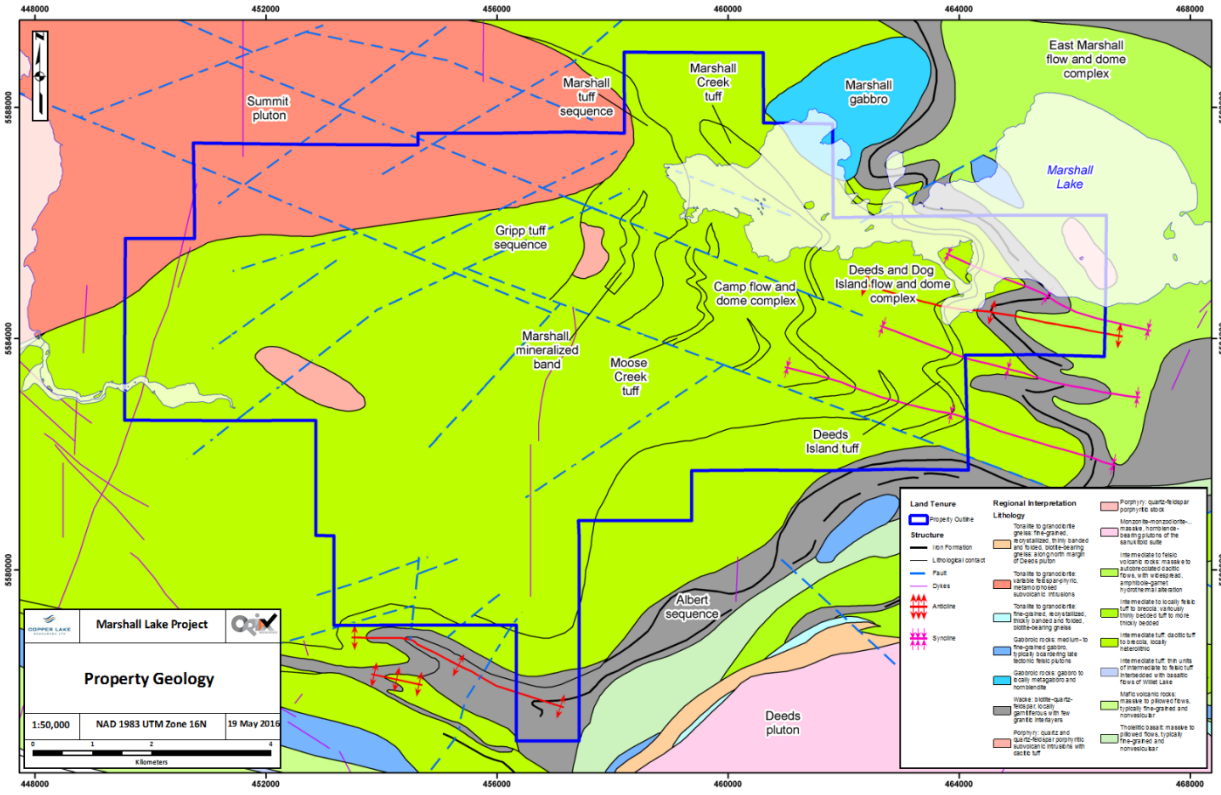

Figure 2: Property geology map for Marshall Lake (modified from Stott and Straub, 1999 in Hart, 2016).

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Property Geology

The following description of the property geology is from Hart (2016), Laarman (2010), Forslund (2008), Stott and Straub (1999), Amukun (1989) and the references found in those papers:

The Gripp Tuff Sequence is the lowest stratigraphic unit (Stott and Straub, 1999). It is dominated by felsic tuffaceous metavolcanics locally intruded by mafic dikes. CIPW normative plots show the volcanics are rhyodacite to dacite in composition (Forslund, 2008). The felsics are described as a distal deep water submarine volcanic facies by Amukun (1989). These volcanics have been metamorphosed to amphibolites facies as shown by the presence of abundant actinolite, staurolite, garnet and biotite. Alteration associated with mineralization includes actinolite-garnet, silica-sericite and other minerals including chlorite, biotite, quartz, feldspar and staurolite (Forslund, 2008). For structure, the rocks have a foliation that strikes between 105° and 145º. Base metal mineralization comprises zones of chalcopyrite, pyrite and lesser sphalerite within the weakly foliated alteration zones. Main zones of mineralization include, from west to east, Gazooma North, Gazooma, Cherry Hill and G Zone, TK-4 and Teck Hill and Enzo (Fig. 2). To the north in the same sequence is the D Zone.

The Marshall Tuff Sequence and Marshall Mineralized Band overlie the Gripp Tuff (Stott and Straub, 1999). The Marshall Tuff is an ash to crystal to lapilli tuff sequence. Alteration associated with mineralization has been described as semi-conformable

biotite-albite and quartz that is superimposed by discordant silica-sericite and andalusite-sericite (Straub, 1999). Associated with the aluminosilicate is intense silicification and sulphidization (Stott and Straub, 1999). The regional overprint is garnet-amphibole-magnetite. The sequence has been mapped within the hinge of the Marshall Lake anticline and the rocks and mineralization occur in M-fold structures. The Marshall Mineralized Band comprises the Main Billiton Zone and other zones including North Diabase, Adnarod and Bog Zone.

The Marshall Tuff is overlain by three other sequences before being capped by the Albert metasedimentary rocks (Stott and Straub, 1999). The sedimentary rocks are composed of wacke-sandstone and mudstone. Magnetite-chert oxide facies iron formation and graphitic argillite are defined by electromagnetic and aeromagnetic conductors of an intensely folded marker horizon. These comprise the exhalative horizon capping the VMS mineralization at Marshall Lake (Stott and Straub, 1999).

Structural Geology

The overall structure of the Marshall Lake area consists of a large anticlinal fold as defined by EM and aeromagnetics. The fold verges and plunges to the ESE. Rocks and the southern group of mineralized zones of the Gripp Tuff Sequence strike NW-SE as noted above and dip steeply to the south. The plunge of the mineralization is to the ESE. In the area of the Marshall Tuff Sequence, rocks and mineralization occur within the hinge of the anticline as noted above by the M-fold structures. The Marshall Lake supracrustal sequence envelops the Summit Lake granitic pluton at the west. This pluton is probably basement to the volcanic rocks. The Summit Lake Pluton has been determined to be a subvolcanic intrusion to the VMS mineralization with a date at 2739 ±1 Ma (Stott and Straub, 1999; Straub, 1999).

The entire volcanic assemblage, west of the Albert sequence, appears to be facing consistently eastwards. In the tuffaceous sequences, evidence for stratigraphic way-up directions is only locally noted in thin, graded beds. However, upward gradations from massive dacitic flows to autobreccia and hyaloclastic breccia face consistently eastwards in the eastern half of Marshall Lake. In addition, there is no evidence of refolding of strata, which supports the general observation that the strata face eastwards. Bedding (S0) of pyroclastic deposits is typically very thick (> 1m) across the region.

A widely observed D1 flattening foliation lies parallel to the bedding and trends northwards throughout the area. This fabric might be related to burial since there is no evidence to indicate that this bedding-parallel foliation is associated with folding. The only folds observed in this region are associated with D2 deformation and the aeromagnetic map patterns illustrate large open D2 folding of the supracrustal strata. Bedding and D1 foliation dip consistently eastwards, away from the Summit pluton. Dips vary from moderate to shallow in the west and steepen in the eastern half of Marshall Lake across the massive dacitic flows of the dome and flow complexes.

The entire Marshall-Gripp lakes region forms a large east-plunging D2 antiform that in part might be governed by the curviplanar shape of the large dacitic volcano, which appears to be centred in the vicinity of Summit Lake. D2 structures are the dominant tectonic features in the region. This deformation is characterized by open to tight folds of the S0/S1 foliation and by an axial planar cleavage and planar mineral alignment (S2) that trends eastwards and dips steeply to the south. West of the East Marshall flow and dome complex, the accompanying stretching lineation, L2 plunges consistently eastwards, parallel to the F2 fold axes, and is most intense in the central core of the large antiform. The mesoscopic F2 folds are commonly accompanied by crenular F2 folds, especially in thinly laminated tuffaceous beds that have been silicified, which preserved the fabric from the transposition effects of D2 observed in places where the D2 folding is tight. In the East Marshall flow and dome complex, the S2 foliation dips northwards and L2 becomes a down-dip lineation, plunging northwards. This change in orientation continues along the northern part of the belt to the O'Sullivan Lake area (Stott and Parker 1997).

The only late tectonic intrusion in the map area is the Marshall Gabbro, with which there is no evidence of an associated D3 contact strain aureole in the adjacent volcanic rocks, in contrast to the presence of strain aureoles around the late intrusions in the central Onaman-Tashota belt (Stott and Straub, 1999).

Fault Zones

Fault zones are not well exposed but are marked by linear topographic depressions such as strings of elongate lakes and bogs. Most of the northwest- and northeast-trending faults are late-tectonic features (D4) that crosscut the D2 structures. The most prominent northwest-trending fault is the locally named Moose Lake fault which passes through the northern arm of Gripp Lake. Along the northeastern shore of Gripp Lake, adjacent to the fault, locally intense and pervasive hematization and epidotization of the rock accompany brittle fractures that parallel the fault.

The Moose Lake fault appears to continue and merge with the Pashkokogan fault along the English River. Wabigoon boundary. Limited evidence of displacement among these brittle fractures is consistent with right-handed transcurrent movement along the fault. Although the contact of the greenstone belt with the English River metasedimentary terrane appears to be un-faulted northwest of Marshall Lake, there is some evidence of a WNW-trending high strain zone close to and parallel to the subprovince boundary in the unit of unsubdivided gabbro and amphibolitized basalt. This high strain might continue to the Pashkokogan fault zone along the English River – Wabigoon subprovince boundary.

A synvolcanic age for some faults is locally inferred from indirect evidence. One fault in particular trends westwards along Gripp Creek near the old Marshall Lake drill campsite and its synvolcanic heritage is apparent from several lines of evidence:

- The silicification of dacitic tuff is most intense near the fault and diminishes southwards.

- The volcanic sequence transected by the fault is a pile of very thickly bedded dacitic tuff but an elongate, fault-parallel body of massive to autobrecciated dacite formed within this pile and apparently extruded from the fault. The autobrecciated portion of this effusive body occupies an area of approximately 200 by 200 m in the vicinity of the Marshall Lake drill campsite. Fine-grained mafic dykes occur along and in the vicinity of the fault.

- The altered tuffaceous strata on the southern side of the fault cannot be traced across the fault.

Mineralization

The following description of the Wabigoon Subprovince is from Stott and Straub (1999), Straub (2000, 1999) and the references found in those papers. Marshall assemblage is interpreted to be a submarine eruptive sequence, containing evidence of synvolcanic faults, associated hydrothermal discharge zones and intensely altered rock especially in the vicinity of the base metal deposits. Historically, the volcanic massive sulphide mineralization associated with the Marshall Lake volcanic center was described as stratabound horizon of Cu-Zn-Ag-Pb occurrences in an intermediate to felsic volcanoclastic, containing tuffaceous to lapilli tuff facies, which are capped by ferruginous chert.

The Marshall Lake area is host to numerous occurrences of base metal mineralization. Several distinct types of mineralization and alteration are present. The bulk of the surface-exposed mineralization in the area occurs as fine disseminations throughout the altered sequence of volcanic rocks. Based on field relationships, this mineralization appears to coincide with silica-sericite alteration. This alteration generally hosts stratiform, stringer and disseminated mineralization. Locally these zones of mineralization are deformed, but no evidence of significant remobilization of the mineralization is evident. Although the degree of deformation in these rocks has hindered previous mapping and exploration ventures, success may be achieved in this area through detailed mapping of both the structural and lithological controls on mineralization. The presence of a distinct mappable package of rocks that contains stratiform accumulations of copper- and zinc-rich sulphides makes this region a significant target.

Well over 112 known mineral occurrences of base-metal mineralization outcrop over an extensive area across the entirety of the Marshall Lake property. Significant mineralized showings are illustrated on Figure 3. The mineral occurrences are spatially associated with the felsic calc-alkaline fragmental meta-volcanic rocks consisting of the following types:

1. Ubiquitous sulphide disseminations in thin metamorphic garnetiferous-amphibolite (actinolite-hornblende) lenses throughout the major showings, such as Teck and Billiton (Main).

2. Disseminated to massive lenticular sulphide shoots that represent migrated metal concentrations in the nose areas of minor folds, such as the Main Zone in the Marshall Mineralized Band.

3. Disseminated sulphide mineralization in local shears and silicified zones across the entire map area.

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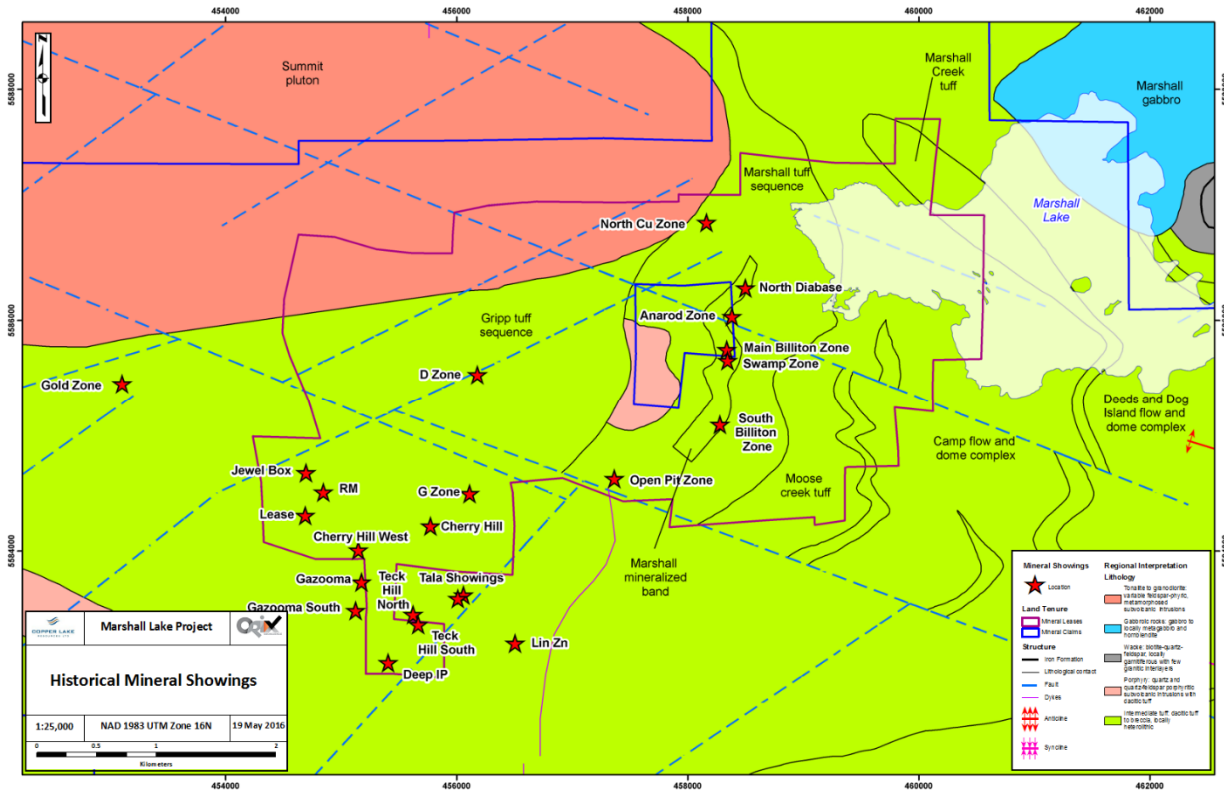

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Figure 3: Local geology map of Marshall Lake showing location of mineralized zones (from Hart, 2016).

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Main Billiton Zone is the most economically important deposit on the project, which was discovered in association with the Marshall Mineralized Band, by Teck-Hughes Gold Mines Ltd. in 1954. This zone is not a massive sulphide horizon, and exists as five lenses of stratabound / stringer / disseminated sulphides hosted within hydrothermally altered felsic rocks striking 1.5km. It is hosted within aphanitic to weakly quartz-porphyritic finely bedded laminated volcaniclastics and a laminated cherty tuffaceous unit (Straub, 2000). Mineralization exists in order of abundance, pyrite, chalcopyrite, sphalerite, silver-minerals, galena, gold, pyrrhotite and magnetite.

The Marshall Lake Mineralized Band represents a period during which concurrent mineralization occurred or that a favourable laminated or porous trap focused hydrothermal alteration. However, suggests that the mineralization appears to have been remobilized or concentrated by later folding.

The mining leases cover ten additional base metal showings including the east extension of the Main Billiton Zone. The zones in part follow the trend of the Marshall Lake

Mineralized Band that was not previously recognized by the original workers in the 1950's - 1970's. The majority of the zones contain high copper and/or silver values which are typical of a VMS stringer zone.

The Main Billiton, South and North Diabase zones contain copper – zinc – silver mineralization and are inferred to represent examples of massive sulphide lenses. Whereas, results for the G, North Copper, D, Lease and Jewel Box Zones are enriched in copper – silver mineralization and are examples of stringer style zones.

Marshall Lake Conceptual Model

Straub (1999) presented a conceptual model of the Marshall Lake felsic volcanic center from the Summit pluton to the Camp flow and dome complex (Fig. 4). The volcaniclastic rocks have been termed the Marshall Tuff Sequence with the most notable package being the Marshall Mineralized Band. The stratigraphic section mainly consists of laminated to bedded volcaniclastic rocks, with intervening zones of more massive rock. The grain size of the volcaniclastic units varies from fine to coarse ash with local zones of crystal and lapilli rich material.

The lowermost part of the Marshall Sequence contains massive to well-laminated, quartz phenoclastic to aphanitic tuff, which are locally graded. These rocks are intruded by massive, aphanitic to weakly porphyritic subvolcanic sills and possible cryptodomes. Rocks in this sequence generally vary from relatively unaltered to locally moderately altered with biotite, andalusite, and silica. In zones of increased alteration, these rocks typically contain up to 5% disseminated and fracture-fill sulphide, and rare zones of semi-massive to massive sulphide mineralization.

Overlying this lower part of the Marshall sequence is a mineralized stratigraphic package, termed the Marshall Mineralized Band. This sequence is composed of aphanitic to weakly quartz phenoclastic, thinly bedded to laminated volcaniclastic rocks with interdigitated sections of massive felsic material. This package of rocks is host to the most significant alteration and mineralization in the region. The laminated portions of this package are the host to many of the massive to semi-massive sulphide occurrences. This mineralized band can be traced along a strike length of over 1.5km and continues farther south beyond the Main Zone towards the Moose Lake fault. This distinctive package of rocks represents either a period during which concurrent mineralization took place or a favourably laminated and porous trap for subsequent hydrothermal alteration.

Above this mineralized and altered sequence there is a package of relatively unaltered, medium bedded to laminated volcaniclastic rock. These tuffaceous rocks (between the Marshall mineralized band and the Camp flow and dome complex) vary in grain size from ash to fine lapilli, and locally exhibit crude normal gradation that indicates the younging direction is towards the east. These rocks form what appear to be single depositional packages of generally 2 to 3m in thickness and exhibit a systematic decrease in bed thickness and grain size upwards from a base of massive and medium-bedded units to more thinly bedded and laminated units at the top. Weak, disseminated amphibole and

garnet, plus localized discordant aluminosilicate (andalusite + sericite) alteration, characterize this package of rock.
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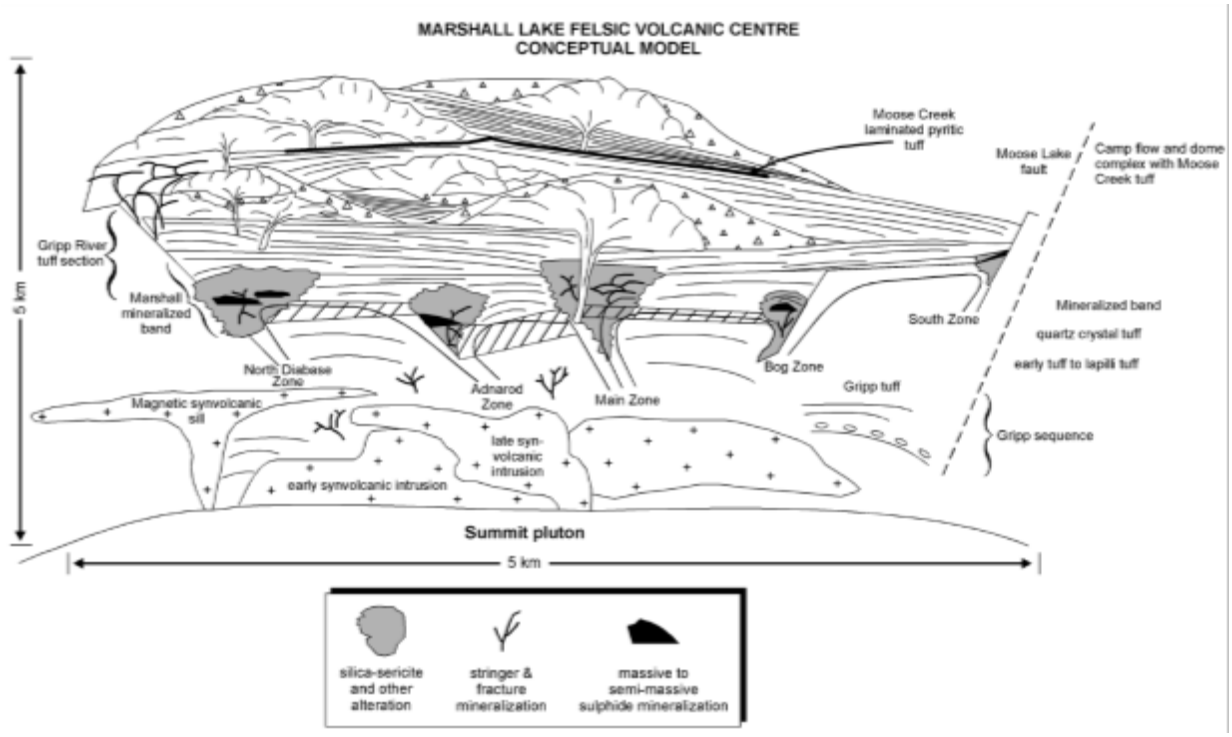

Figure 4: Conceptual model of the Marshall Lake felsic volcanic center from the Summit pluton to the Camp flow and dome complex. Note the size of the mineralized bands is exaggerated for illustration (Straub, 1999).

DATES AND FIGURES

Diamond drilling on the Marshall Lake property commenced with the mobilization of a drill to the property on February 10th, 2018. Nine drill holes were completed by Niigaani Drilling Inc. (Gull Bay, ON) on March 14th, 2018. This report and its accompanying logs, figures and assays were produced in March 2018. Personel on the program include:

Robert Middleton, P.Eng. - supervisor, expeditor
George Mannard, P.Geo. - QP
Jordan Laarman, P.Geo. - project geologist
Justin Johnson, P.Geo. - project geologist
Ron Joly - geological technician
Carey Lance - labourer
Clarence Fisher - core cutter - Pic River First Nation
Annie King - core tagger - Gull Bay First Nation
Frank Morriseau - camp helper

Personel from Niigaani Drilling Inc. include:

Arthur Esquega (Owner) - Gull Bay First Nation
Troy Michano (Driller) - Pic River First Nation
Tyrone Rody (Driller) - AZA First Nation
Doug Perkles (Helper) - BNA First Nation (Sandy Point, Macdiarmid)
Waylon Esquega (Helper) - Wabigoon First Nation
Bruno Chartrand (Helper) - Aboriginal non status
Maverick Morrisseau (Helper) - AZA First Nation
Clarence McCrady (Cook) - AZA First Nation

DIAMOND DRILL RESULTS

This phase of drilling was to test anomalies identified during an Induced Polarization (IP) survey conducted on the property in late Fall 2006. The nine drill holes, MAR18-01 to MAR18-09, had a total depth of 1790.2 metres and their logs and cross-sections are provided in the Appendix. A total of 744 samples were sent in for geochemical analysis to test for gold, copper, zinc, lead and silver. Certificates of Analysis for all samples are provided in Appendix. A summary of the drill hole locations, depths, azimuths and dips are in Table 3 below:

Table 3. Marshall Lake 2018 drill collars

Drill Hole	Line	Station	Easting	Northing	Depth (m)	Azimuth	Dip
MAR18-01	950E	980S	458397	5585323	194	320	-65
MAR18-02	950E	980S	458397	5585323	180.2	320	-80
MAR18-03	1000E	855S	458441	5585429	125	320	-50
MAR18-04	675E	525S	458089	5585784	281	140	-50
MAR18-05	800E	200S	458219	5586110	167	140	-50
MAR18-06	875E	200S	458294	5586111	300	140	-50
MAR18-07	875E	450S	458301	5585850	227	140	-50
MAR18-08	1200E	1150S	458604	5585200	191	330	-50
MAR18-09	1200E	1150S	458600	5585165	125	45	-50

Rock Types

Table 4. Lithologies observed in the Marshall 2018 drilling:

Felsic Volcanic

Grey color, vf to f gr, siliceous. Unit is massive with rare occurrences of qtz veinlets/fragments. Garnets are sporadic thru unit as well as small blue quartz eyes. Unit contains common fine grained biotite and sericite in the groundmass. The unit commonly contains a very coarse patchy, mottled texture of biotite-sericite.

Felsic tuff

Light grey to buff colour v.fg siliceous tuff. Rare grains/lapilli <1mm. Abundant disseminated pyrite along within bands.

Felsic crystal tuff

Medium gr crystal tuff, dark grey to grey in colour. Unit consists of massive intervals of crystal tuff (m gr. White crystals) 20-80cm with clasts of tuff in a aphanitic matrix/veins of dark grey

material (chl+?). Magnetite thru unit in variable amounts, sulphides present in low amounts (<1% py) with patches of 2-3% py sporadically. Lower contact is gradational.

Felsic fragmental

Dark in colour, siliceous. Unit is altered felsic fragmental. Fragments are highly siliceous with high aspect ratios, vary from <1 - 2 cm in width. Some frags maybe qtz veinlets. Sulphides variable <1-7% py with pyrr. Pinkish garnets very common (1-3%).

Felsic breccia

Unit light grey/buff to grey colour and consists of intervals of mildly deformed volcanics with zones of intense albitization and zones of brecciation or possible healed faults; pseudotachylite common in zones of albitization and brecciation. Minor sphalerite, chalcopyrite (trace pyrite and cubanite?) associated with fractures/veinlets and brecciated areas.

Sericite schist

Light grey, siliceous unit with common, fine grained sericite along foliation throughout. Unit is sheared.

Chert

Siliceous chert layer with sulphides along fractures.

Mafic dike

Green, coarse grained amphibolitized mafic dike with common folded, contorted carbonate veinlets.

Diabase

This is a late Proterozoic unit that X-cuts all other lithologies. Diabase is a grey, fine grained and massive, ophitic textured dike with fine grained cumulus magnetite in parts of the units that are magnetic, commonly in the centres of the dikes. The dikes contain chill margins near the contacts.

MAR18-01 was drilled at the site of the MAR-07-11 collar and targeted a VTEM plate conductor model that was interpreted to be the extension of the Cu mineralization of MAR-07-11. After casing to 2.8m, the hole collared in felsic fragmental to 33.5m that hosted variable <1 to 7% pyrite and pyrrhotite. This was followed by a grey, massive felsic volcanic to 47.5m with sporadic garnets and small blue quartz eyes. Following this, there is felsic volcanic with sporadic felsic/cherty bands or clasts to 62m. From 62 to 70m, there is a felsic, sheared, sericitized felsic volcanic with common thin carbonate bands. Then from 70 to the end of the hole at 194m, there is massive felsic volcanic with biotite in the groundmass and various sections of garnets. Within this unit, there is stringer chalcopyrite-pyrrhotite from 89 to 89.6m that returned 8520 ppm Cu, 2360 ppm Zn, 96.9 g/t Ag, 3.43 g/t Au with 179 ppm Cd and 16.15 ppm Bi. From 96.95 to 98.7m, there is up to 30% stringer chalcopyrite and lesser pyrrhotite that returned an interval of average 2589 ppm Cu, 1798 ppm Zn and 9.99 g/t Ag over 1.75m that includes and intercept of 4410 ppm Cu, 3170 ppm Zn, 17.85 g/t Ag, 0.047 g/t Au with 58.8 ppm As and 16.85 ppm Bi from 96.95 to 97.75m. From 129.5 to 133m, there is a section of up to 43cm wide white quartz veins. From 131.9 to 135.5m, there is an interval of average 3523 ppm Zn and 4.08 g/t Ag over 3.6m. Within this section, there is an intercept of 749 ppm Cu and 2070 ppm Zn from 131.9 to 132.6m. From 133.05 to 133.4m, there is semi-massive pyrrhotite-chalcopyrite with fine grained chlorite and black amphibole that returned 3280 ppm Cu, 2.19 % Zn, 24.1 g/t Ag, 0.026 g/t Au with 179 ppm Cd and 16.15 ppm Bi. From 135.1 to 135.5m, there is an intercept of 1075 ppm Cu, 2730 ppm Zn and

Table 5: Significant Intercepts in ppm

DDH		From	To	Width	Ag	Au	Cu	Zn
MAR18-01	Intercept	89.1	89.6	0.5	96.9	3.43	8520	2360
MAR18-01	Zone	96.95	98.7	1.75	9.99		2589	1798
MAR18-01	includes	96.95	97.75	0.8	17.85		4410	3170
MAR18-01	Zone	131.9	135.5	3.6	4.08			3523
MAR18-01	includes	131.9	132.6	0.7			749	2070
MAR18-01	includes	133.05	133.4	0.35	24.1		3280	21900
MAR18-01	includes	135.1	135.5	0.4	3.24		1075	2730
MAR18-02	Intercept	72.2	73.2	1	4.97		1160	
MAR18-02	Intercept	77.05	78.85	1.8	2.96		806	1280
MAR18-02	Intercept	79.85	80.35	0.5			1040	
MAR18-02	Intercept	80.35	81.85	1.5	9.29			1987
MAR18-02	Intercept	85.85	86.85	1	13			1230
MAR18-02	Intercept	157.7	158.05	0.35	48.7	0.306	11650	22200
MAR18-02	Intercept	163	163.5	0.5				13750
MAR18-03	Intercept	50.1	51.1	1	44.9	0.174	2240	737
MAR18-03	Intercept	51.1	52.1	1	43.7	0.17	2450	1060
MAR18-03	Intercept	64.3	65.35	1.05				3320
MAR18-03	Intercept	93	94	1				2300
MAR18-04	Intercept	26.45	31.45	5				1826
MAR18-04	Intercept	44	45	1				2370
MAR18-04	Intercept	52	53	1				4920
MAR18-04	Intercept	55	56	1				2690
MAR18-04	Zone	96.35	100.35	4	16.76		948	3665
MAR18-04	Intercept	127.5	128.5	1				3190
MAR18-05	Zone	9.15	12.2	3.05				1987
MAR18-05	Zone	48.1	51.6	3.5	71.67		7900	9478
MAR18-05	includes	50.3	50.65	0.35	239	0.865	26100	26600
MAR18-05	Intercept	67.7	68.8	1.1				1100
MAR18-05	Intercept	80.7	81.6	0.9	12.95		687	5340
MAR18-05	Zone	95	97	2				6485
MAR18-05	includes	96	96.3	0.3	6.22		319	10400
MAR18-05	Intercept	99.8	100.8	1				1320
MAR18-05	Intercept	105.95	107.1	1.15				3870
MAR18-05	Intercept	109	109.6	0.6				2800
MAR18-05	Intercept	129.7	130.7	1				2610
MAR18-05	Intercept	154.55	154.95	0.4			1490	2500
MAR18-05	Intercept	161.3	162	0.7				1600
MAR18-05	Intercept	165.95	166.3	0.35				2040
MAR18-05	Intercept	166.65	167	0.35				1160
MAR18-06	Intercept	5.8	6.5	0.7	7.28			2710
MAR18-06	Intercept	15.2	15.65	0.45				2060
MAR18-06	Intercept	20.5	21.5	1				1480
MAR18-06	Intercept	26.9	27.75	0.85				1660
MAR18-06	Intercept	56.9	58	1.1				2300
MAR18-06	Intercept	65.1	66	0.9				2180
MAR18-06	Intercept	75	76	1				2790
MAR18-06	Zone	104.1	123.9	19.8			207	1325
MAR18-07	Intercept	16	17	1	10.05		595	12600
MAR18-07	Intercept	60.35	60.85	0.5	24.8		1090	11900
MAR18-07	Intercept	68.9	69.75	0.85				4760
MAR18-07	Zone	71.4	74.4	3	3.56			2717
MAR18-07	Zone	117.2	120.2	3				2753
MAR18-07	Intercept	127.9	128.9	1				1240
MAR18-07	Intercept	135	136.6	1.6				1230
MAR18-07	Intercept	168	169	1	3.07		648	25800
MAR18-07	Intercept	175.9	176.9	1				2270
MAR18-07	Intercept	184	184.6	0.6	5.56		1770	3950
MAR18-07	Zone	185.6	187.6	2				2915
MAR18-07	Zone	207.3	212.35	5.05	78.51		6811	21432
MAR18-07	includes	209.3	210.3	1	367	8.01	32000	83500
MAR18-08	Intercept	144.1	144.75	0.65	1.49			3430
MAR18-09	Intercept	34.25	34.75	0.5	11.7	0.121		5110
MAR18-09	Intercept	83.3	84.3	1	10.75		608	8190
MAR18-09	Intercept	110.8	111.8	1	3.31			2130
MAR18-09	Zone	118.7	125	6.3	10.89		347	2476

3.24 g/t Ag. From 172.35 to 172.53m, there are patches of fine grained kyanite. Areas of andalusite-kyanite with fine grained pyrite occur from 174 to 178m and from 180 to 184.7m. From 183.2 to 183.3m, there is a 3.5cm wide band of sphalerite with associated fine grained chalcopyrite that returned 308 ppm Cu, 6.22 % Zn, 2.62 g/t Ag with 244 ppm Cd and 1.52 ppm Hg.

MAR18-02 was a steepened hole to MAR18-01 drilled to test the VTEM plate conductor model of MAR-07-11. After the casing to 2.17m, the hole collared in felsic fragmental to 36.6m that hosts minor pyrite. There is sericite and biotite from 14.8 to 18m. This unit is followed by massive felsic volcanic to 69.2m that contains sporadic blue quartz eyes throughout, rare fragmentals and common sericite-biotite. From 69.2 to 88.85m, there is felsic fragmental that hosts 7% sulphides in broken/faulted core from 77 to 88.8m. From 72.2 to 73.2m, there is an intercept of 1160 ppm Cu, 4.97 g/t Ag and 0.031 g/t Au. From 77.05 to 78.85m, there is an intercept of 806 ppm Cu, 1280 ppm Zn and 2.96 g/t Ag and another intercept of 1040 ppm Cu from 79.85 to 80.35m. From 80.35 to 81.85m, there is an interval of average 1987 ppm Zn and 9.29 g/t Ag over 1.5m. From 85.85 to 86.85m, there is an intercept of 1230 ppm Cu, 13 g/t Ag with 6.16 ppm Bi. The felsic fragmental is followed by massive felsic volcanic from 88.85 to 180m. There are rare blue quartz eyes in the felsic volcanic and increased garnets. From 157.70-158.05m, there is chert with 5% pyrite and pyrrhotite that returned 1.165 % Cu, 2.22 % Zn, 48.7 g/t Ag, 0.306 g/t Au with 125.5 ppm Cd and 12.55 ppm Bi. There's a sphalerite veinlet at 163.1m that returned 1.375 % Zn with 121.5 ppm Cd from 163 to 163.5m. There's tourmaline in quartz veins at 174.1 and 177.6m.

MAR18-03 targeted an IP anomaly north of the MAR-07-11 area. After the casing to 2.85m, the hole collared in felsic fragmental to 21.8m. The fragmental hosted trace to locally 5% pyrite. Then from 21.8 to 39.8m, there is massive felsic volcanic with sporadic pyrite. From 39.8 to 53.75m, there is felsic brecciated crystal tuff with sporadic pyrite followed by felsic volcanic to 71m. From 50.1 to 51.1m, assays returned 2240 ppm Cu, 737 ppm Zn, 44.9 g/t Ag and 0.174 g/t Au followed by 2450 ppm Cu, 1060 ppm Zn, 43.7 g/t Ag and 0.170 g/t Au from 51.1 to 52.1m. From 64.3 to 65.35m, there was an intercept of 3320 ppm Zn returned. From 71 to 73.95m, there is a strongly deformed zone in felsic volcanic that hosts numerous deformed quartz veins with sporadic pyrite. This is followed by sericite schist to the end of the hole at 125m that contains moderate to strong sericite alteration. Within this unit from 76.4 to 76.55m, there is a brecciated chert with 10-15% pyrite and pyrrhotite. From 93 to 94m, there was an intercept of 2300 ppm Zn.

MAR18-04 targeted an IP anomaly to the west of the Main Zone trend. After the overburden to 25.45m, the hole collared in brecciated and albitized felsic volcanic to 29.4m with minor sphalerite and chalcopyrite. From 29.4 to 53m, there is massive felsic volcanic with thin intervals of crystal tuff and sporadic blue quartz eyes. Within this unit from 51.95 to 52.10m is a siliceous interval with 1% pyrite and pyrrhotite. From 26.45 to 31.45m, 1826 ppm Zn was returned over 5m. This unit is followed by felsic fragmental with 2-3% to locally >5% pyrite and pyrrhotite. There are three intercepts of 2370 ppm Zn from 44 to 45m, 4920 ppm Zn from 52 to 53m and 2690 ppm Zn from 55 to 56m.

From 59.35 to 105.9m, there is felsic volcanic with more common tuffaceous intervals. Within this unit from 96.4 to 97.6m, is an interval with five thick white quartz veins hosting trace pyrite, pyrrhotite and chalcopyrite. From 96.35 to 100.35m, assays returned 3665 ppm Zn, 948 ppm Cu and 16.76 g/t Ag over 4m. After this unit, there is felsic crystal tuff to 126.5m followed by felsic volcanic with strong foliation to 146.9m. From 127.5 to 128.5m, 3190 ppm Zn was returned. This is followed by crystal tuff to 201.1m that contains deformed quartz veinlets from 168 to 169.2m and a siliceous area with 2% patchy sulphides from 172.65 to 173.65m. There are other siliceous zone with pyrite from 179 to 181.1m. From 201.1 to 217.75m, there is felsic volcanic with minor sulphides followed by felsic volcanic to the end of the hole at 281m.

MAR18-05 targeted an IP anomaly on trend the Adnarod showing. After the casing to 9.2m, the hole collared in massive felsic volcanic to 167m that hosts common 1-3% fine grained pyrite. From 8 to 13.5m, there are deformed sericite-chlorite bands and quartz veins. Within this section from 9.15 to 12.2m, 1987 ppm Zn was returned over 3.05m. From 50.45 to 50.65m, there is an intercept of interstitial chalcopyrite-pyrite. From 48.1 to 51.6m, 9478 ppm Zn, 7900 ppm Cu and 71.67 g/t Ag were returned over 3.5m including an intercept of 2.66 % Zn, 2.61 % Cu, 239 g/t Ag and 0.865 g/t Au from 50.35 to 50.65m. Another intercept includes 1100 ppm Zn from 67.7 to 68.8m. There are bits of chalcopyrite along with pyrrhotite and pyrite in a section from 79.15 to 85.4m with 5340 ppm Zn from 80.7 to 81.6m. There is common sericite from 90.7 to 100m and sericite from 147 to 152.1m. There's a band of sphalerite at 96m. There's a section of quartz veins from 100.6 to 103.6m. From 106 to 107.1m, there are pyrite-sphalerite stringers. From 95 to 109.6m, there are five intercepts of 1320 ppm to 1.04 % Zn. From 154.6 to 154.95m, there is 2% chalcopyrite in a green amphibole mafic dike that returned 2500 ppm Zn and 1490 ppm Cu. From 161.3 to 167m, there are three intercepts of 1160 to 2040 ppm Zn.

MAR18-06 targeted another IP anomaly on trend the Adnarod showing. After the casing to 3.4m, the hole collared in felsic crystal tuff to 44.5m that is X-cut by scattered amphibolitized mafic dikes. The unit hosts common disseminated pyrite that varies from 2 to 8%. From 5.8 to 6.5m, an intercept of 2710 ppm Zn and 7.28 g/t Ag was returned. From 15.2 to 15.65m, there are up to 30cm wide quartz veins at 80% with 2-3% fine grained pyrite and sphalerite that returned 2060 ppm Zn. Other intercepts are 1480 ppm Zn from 20.5 to 21.5m and 1660 ppm Zn from 26.9 to 27.75m. Following the crystal tuff from 44.5 to 124.3m, there is massive felsic volcanic. Two intercepts of 2300 ppm Zn and 2180 ppm Zn were returned from 56.9 to 58m and from 65.1 to 66m. From 67.8 to 78m, there's a vein stockwork of quartz-sericite-carbonate after which, there are scattered areas of disseminated pyrite. From 75 to 76m, there is an intercept of 2790 ppm Zn. From 104.1 to 123.9m, there is a 19.8m wide zone that returned 1325 ppm Zn and 207 ppm Cu. From 124.3 to 125m, there is a cataclastic breccia of felsic volcanic followed by felsic volcanic to the end of the hole at 300m. From 256.6 to 258.5m, there is porphyritic, coarse grained kyanite. From 298 to 300m, there is 2-3% very fine to fine grained pyrite.

MAR18-07 targeted a gap area within the Main Zone. After the casing to 3m, the hole collared in felsic volcanic to 15m that contains intervals of crystal tuff. and rare blue quartz. This is followed by felsic volcanic to 18.1m that hosts 60% pyrite-pyrrhotite-sphalerite-chalcopyrite from 16.28 to 16.47m followed by 1% disseminated pyrite to 18.15m. From 16 to 17m, there is an intercept of 1.26 % Zn, 595 ppm Cu and 10.05 g/t Ag. After this, there is felsic volcanic to 25.9m. From 25.9 to 26.15m, there is a fault followed by felsic volcanic to 68.1m. The felsic volcanic hosts 2% pyrite from 30.5 to 31.1m and <1% pyrite to 32m. There is trace chalcopyrite and sphalerite with pyrite from 60.4 to 60.54m that returned 1.19 % Zn, 1090 ppm Cu and 24.8 g/t Ag from 60.35 to 60.85m. From 68.1 to 81.9m, there is felsic volcanic with moderate to strong sericite that hosts 5% pyrite bands from 68.1 to 81.35m. Within this unit is a mineralized zone from 69.75 to 70.4m with 25% pyrite, 15% chalcopyrite and 5% sphalerite semi-net textured sulphides. From 72.5 to 72.7m, there is 15-20% pyrite and <5% chalcopyrite and 3% disseminated pyrite from 81.35 to 81.9m. From 68.9 to 69.75m, 4760 ppm Zn was returned. From 71.4 to 74.4m, 2717 ppm Zn and 3.56 g/t Ag were returned over 3m. The felsic volcanic is followed by felsic volcanic to 86m that contains rare blue quartz eyes. From 86 to 98.9m is felsic crystal tuff with trace sulphides. This is followed by felsic volcanic to 184m. From 117.2 to 120.2m, there is a 3m wide zone of 2753 ppm Zn. Within this unit from 124.9 to 126.9m is a stringer zone of 5% pyrite and minor pyrrhotite and another stringer zone of 2% pyrite and minor pyrrhotite from 176.9 to 178.35m. From 127.9 to 128.9m and from 135 to 136.6m, 1240 ppm Zn and 1230 ppm Zn were returned. From 168 to 169. there is an intercept of 2.58 % Zn, 648 ppm Cu and 3.07 g/t Ag. From 179.2 to 179.35m, there is 10% disseminated to semi-net textured pyrite. Mafic dike from 184 to 184.6m. From 184.6 to 195.55m, there is felsic volcanic with 1% disseminated to bands of pyrite from 184.6 to 188m that returned intercepts of 3950 ppm with 1770 ppm Cu and 5.56 g/t Ag and an intercept of 2915 ppm Zn. From 188.6 to 199.8m is felsic fragmental followed by felsic volcanic to 210.85m. There are 3% irregular masses of pyrite from 204.3 to 205m. From 207.3 to 212.35m, there is a 5.05m wide zone of 2.14 % Zn, 6811 ppm Cu and 78.51 ppm Cu that includes an intercept of 8.35 % Zn, 3.20 % Cu, 367 g/t Ag and 8.01 g/t Au from 209.3 to 210.3m. The hole ends in diabase from 210.85 to 227m.

MAR18-08 targeted an IP anomaly on a trend SSE of the Main Zone as a possible massive sulphide target. After the casing to 1.5m, the hole collared in felsic volcanic to 9.05m that contains rare quartz eyes. From 7.5 to 14.4m, there is 2-5% disseminated to veinlets of pyrite. From 9.05 to 17.5m, there is felsic tuff, felsic volcanic to 22.5m, felsic tuff to 23.4m and felsic volcanic to 31.35m with zones of possible crystal tuff. Felsic volcanics and tuffs continue to 72.4m. From 26 to 41.9m, there is 3 to 7% disseminated to bands of pyrite, 15% disseminated pyrite from 41.9 to 42.8m, 3% pyrite to 43.5m, 1-5% disseminated pyrite from 45.15 to 59m, 10% pyrite to 59.2m, 3% to 63m and 1% to 65m. From 72.4 to 132.65m, there is felsic fragmental with 1% pyrite from 93.7 to 107m, 3-5% to 120m, 1% to 133m, 2% from 135.4 to 141m and <1% to 144.1m. From 144.1 to 145.4m is felsic tuff with abundant brecciated quartz veins and 2% pyrite that returned 3430 ppm Zn and 1.49 g/t Ag from 144.1 to 144.75m. This is followed by felsic fragmental to 169.3m. This is followed by a deformed zone from 169.3 to 179.4m. From

156 to 179.4m, there is 2% pyrite. From 179.4 to the end of the hole at 191m, there is felsic fragmental.

MAR18-09 also targeted an IP anomaly on a trend SSE of the Main Zone as a possible massive sulphide target, but with the drill turned to 45 degrees azimuth. After the casing to 0.8m, the hole collared in felsic volcanics alternating with felsic tuffs to 27.45m. From 14 to 17.2m, there is 3-5% pyrite, 70% disseminated pyrite to 17.35m, 1% bands of disseminated pyrite to 26.95m and 2% pyrite to 27.45m. From 27.45 to 34.25m, there is felsic fragmental with 10% pyrite from 32.2 to 32.5m. From 34.25 to 35.55m, there is felsic tuff followed by felsic fragmental to 39.4m. From 34.25 to 34.75m, there is an intercept of 5110 ppm Zn, 11.7 g/t Ag and 0.121 g/t Au. Within this section, there is 3-5% pyrite from 35.3 to 38.7m, 20% pyrite to 39.15m and 2-5% pyrite to 43m. From 39.4 to 45.25m, there is felsic volcanic followed by felsic volcanic with tuffs to 58.8m. From 43 to 53.3m, there is 1% pyrite. From 58.8 to 62.55m, there is felsic tuff followed by mafic dike to 64.4m. From 64.4 to 76.2m, there is felsic tuff that hosts 7% pyrite from 68.2 to 69.9m and 2% to 77m. This is followed by felsic fragmental to 80.5m with 3-5% pyrite. From 80.5 to 108.5m, there is felsic tuff that hosts 10% pyrite from 83 to 84m returning 8190 ppm Zn, 608 ppm Cu and 10.75 g/t Ag; 1-2% to 93m, 3-5% to 106.5m and 5% pyrite to 108.5m. From 108.5 to the end of the hole at 125m, there is felsic fragmental that hosts 2-3% pyrite from 108.5 to 119m, 3-7% to 125m including trace chalcopyrite from 123 to 125m. From 110.8 to 111.8m, there is an intercept of 2130 ppm Zn and 3.31 g/t Ag. From 118.7 to 125m, there is a 6.3m wide zone of 2476 ppm Zn, 347 ppm Cu and 10.89 g/t Ag.

SAMPLE PREPARATION AND ANALYSES

Samples were sent to ALS Chemex in Thunder Bay, Ontario for primary crushing, and then forwarded onto ALS Chemex in North Vancouver by ALS Chemex in Thunder Bay. 744 samples were crushed to 70% passing a 2mm sieve, and pulverized to a further 85% passing 75µm sieve. ALS Minerals are accredited by the Standards Council of Canada (SCC) for specific tests listed in their Scope of Accreditation No. 579 (http://palcan.scc.ca/specs/pdf/677_e.pdf). This accreditation is based on ISO 17025:2005 international standards and involves extensive site audits and performance evaluations. All samples underwent multi-element analysis by aqua regia digestion and ICP-MS finish (ALS code ME-MS41). Those samples that returned gold values greater than 0.1g/t and select samples in certain drill holes were subject to fire assay with ICP-AES finish (ALS code Au-ICP21). One sample in MAR18-07 that returned a gold value greater than 3.0g/t was subject to fire assay and atomic absorption finish (ALS code Au-AA23). Those samples that returned silver values greater than 100 g/t were subject to fire assay with ICP-AES finish (ALS code Ag-OG46). Those samples that returned copper values greater than 1% and select samples in certain drill holes were subject to fire assay with ICP-AES finish (ALS code Cu-OG46). Those samples that returned zinc values greater than 1% were subject to fire assay with ICP-AES finish (ALS code Zn-OG46). Those samples that returned lead values greater than 1% were subject to fire assay with ICP-AES finish (ALS code Pb-OG46).

14 diabase blanks were used and were from an outcrop near the Terry Fox Monument in Thunder Bay, Ontario on Hwy 11/17, submitted at a rate of one blank per 40 samples. 18 standards were submitted at a rate of one standard per 40 samples. Standards were from CDN Resource Laboratories Ltd and the standards CDN-GS-P4F and CDN-CGS-28 were used in this program (Table 6).

Table 6. The standards CDN-GS-P4F and CDN-CGS-28 and their expected gold and copper values.

Standard Name	Au grade (ppm Au)	Error (ppm Au)	Cu grade (% Cu)	Error (% Cu)
CDN-GS-P4F	0.498	0.056	N/A	N/A
CDN-CGS-28	0.727	0.076	2.033	0.108

CONCLUSIONS AND RECOMMENDATIONS

The MAR18-xx series targeted the Main Billiton Zone and Adnarod Zone-type mineralizations in the NE part of the Marshall Lake property. The MAR18-01 and -02 drill holes were targeted at a VTEM plate model that was interpreted to be the extension of the Cu intercept in MAR-07-11 to depth. Chalcopyrite and pyrrhotite mineralization was intercepted in these holes at roughly the same horizon at 85 to 95m depth as stringers running along the core axis. The best intercept consists of stringer chalcopyrite-pyrrhotite from 89 to 89.6m that returned 8520 ppm Cu, 2360 ppm Zn, 96.9 g/t Ag and 3.43 g/t Au.

The presence of stringers along the core axis indicates the mineralization is not a massive sulphide lens that plunges deep but is rather chalcopyrite stringer mineralization typically found in the discordant pipe alteration below the sulphide mound. This could indicate that a sulphide mound could be further SSE as the units top along this trend toward the main iron formation. Drill holes MAR18-08 and MAR18-09 tested this theory on a single IP anomaly along this trend, but mainly intercepted pyrite.

The lines on the grid end to the east at 1200E and to the south at 1200S. At the South Billiton showing at 1150S, Campbell, I. observed a chert horizon in the drilling there (Middleton, per. communication, 2018). This could be indicative of an exhalite horizon at the massive sulphide lens in the area. Cherty quartz was observed in MAR18-02 and MAR18-03 by Johnson, J. (pers. communication, 2018) that could be exhalite or close to a exhalite horizon. Since the lines on the grid end to their southern extent at the South Billiton Zone, it is recommended that these lines be extended and IP read in this area to the SE to find new targets for massive sulphide mineralization in that area.

Drill hole MAR18-03 tested an IP anomaly to the north of MAR18-01 and -02, but only intercepted a small area of chalcopyrite from 50.1 to 52.1m depth in the hole. This intercept could also lie within the chalcopyrite stringer zone of the deposit. MAR18-04 tested a weak, deep IP anomaly west along the Main Billiton Zone trend that could represent an end effect on the IP. It was targeted at the historic 78-230 that contained a large Cu intercept. Although it tested the IP and intercepted pyrite, it was collared in the

wrong spot since the 78-230 is actually further to the east in the vicinity of MAR-06-03 where there was Cu intercepted in 2006.

MAR18-07 was successful in intercepting the Main Billiton Zone chalcopyrite-sphalerite mineralization in the gap area among the MAR-06-xx series holes from 69.75 to 70.4m with 25% pyrite, 15% chalcopyrite and 5% sphalerite semi-net textured sulphides and 15-20% pyrite and <5% chalcopyrite from 72.5 to 72.7m. An interesting zone was also intersected at the contact of the felsic volcanic with a diabase dike near the bottom of the hole with 2.14 % Zn, 6811 ppm Cu and 78.51 g/t Ag returned over 5.05m from 207.3 to 212.35m including an intercept of 8.35 % Zn, 3.20 % Cu, 367 g/t Ag and 8.01 g/t Au from 209.3 to 210.3m. Sometime in the future, it is recommended that a whole series of holes be drilled beneath the Main Billiton Zone holes to test the down plunge of the Cu mineralization.

MAR18-05 and MAR18-06 tested IP anomalies that were targeted at the Adnarod mineralization. Mainly pyrite was intercepted in these drill holes, however, a small chalcopyrite zone was intercepted in MAR18-05 returning 9478 ppm Zn, 7900 ppm Cu and 71.67 g/t Ag over 3.5m from 48.1 to 51.6m which includes an intercept of 2.66 % Zn, 2.61 % Cu, 239 g/t Ag and 0.865 g/t Au from 50.3 to 50.65m.

One important recommendation is that a gravity survey be performed at 100m line spacing at 25m stations and in two directions. This survey should cover from 0E to 20E and from 12S to 800N on the existing grid. The purpose of the gravity survey is to measure dense objects that are non-conductive and rich in sphalerite. This survey would cover the down plunge of the mineralization. Another recommendation is that structural mapping be performed to unravel the geology of the folding vs. location of the tuff horizon mapped out by Stott. A third recommendation is to perform whole rock geochemistry on the lithologies in the drill core.

There is a quartz eye porphyry mapped out by Straub and Stott in the vicinity of the Main Billiton Zone. This porphyry should be investigated to see if it is a high level porphyry or if it is a massive rhyolite mound with quartz eyes in it. Quartz eye rhyolite could indicate proximity to a massive sulphide mound.

The 2018 Marshall drill program is in progress with more drill holes being drilled in the areas of the Lin, Teck Hill and Gazooma showings. Also more assays are pending for drill holes MAR18-04 to MAR18-09.

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STATEMENT OF QUALIFICATIONS

I, Jordan Laarman, of 4-312 Red River Road, Thunder Bay, Canada, certify that:

1. I am a graduate of the University of Western Ontario, 2014, and hold a Ph.D. Geology degree.
2. I am a graduate of Lakehead University, 2007, and hold a M.Sc. Geology degree.
3. I am a graduate of the University of Western Ontario, 2004, and hold an H.B.Sc. Geology degree.
4. I am a member of the Canadian Institute of Mining, Metallurgy and Petroleum.
5. I am a member of the Prospectors and Developers Association of Canada.
6. I am a member of the Society of Economic Geologists.
7. I am a member of the Ontario Prospectors Association.
8. I have been employed as a geological assistant by Nunavut Tunngavik Incorporated in 2003.
9. I have been employed on contract as a field and project geologist by Rainy Mountain Royalty Corp., Mega Uranium Ltd., Cascadia International Resources Inc., and Trillium North Minerals Ltd. from 2004 to 2009. Included in this is work on the Marshall Lake property from 2007 to 2008.
10. I have been employed as a project geologist by Cliffs Natural Resource Corporation from 2010 to 2012.
11. I have been employed on contract as a project geologist by KWG Resources Inc. from 2013 to 2014.
12. I have been employed on contract as a geologist by Harte Gold Corp. in 2014-2015.
13. I held contracts as a geologist by Canoe Mining Ventures Corp. in 2015-2016 and Probe Mines Ltd. in 2016.
14. I have been employed as a geologist by Wesdome Gold Mines Ltd. in 2016-2017.
15. I am and have been a practicing member of APGO (Association of Professional Geoscientists of Ontario) since September, 2012.
16. I have been employed on contract as a geologist by Rainy Mountain Royalty Corp. in January-February 2018.
17. I logged core and wrote the drill report on the Marshall Lake property in March, 2018.
18. I am responsible for the preparation of all sections of this report.
19. I am a qualified person for the purpose of this report.
20. I have prior involvement with the property.
21. I am not aware of any material fact or material change with respect to the subject matter of this report that is not reflected in the report, the omission to disclose which makes the report misleading.

Jordan Laarman . Date: March 29, 2018 .

Jordan Laarman, Ph.D., P.Geo. Membership #2181

Justin Johnson
Telephone: 807-345-6966
Email: justin.johnson@panres.com

STATEMENT OF QUALIFICATION

I Justin Johnson, do hereby certify that:

1. I am a Senior Project Geologist for the geological consulting firm of Panoramic PGMs (Canada) Ltd.

2. I hold the following academic qualifications: B.Sc. (Hons) Geology (2001) Lakehead University; M.Sc. Geology (2005) Lakehead University.

3. I have practiced my profession full-time since 2005.

4. I am a member of the Association of Professional Geoscientists of Ontario.

5. I have worked on various exploration projects located in Canada (Ontario, Quebec and British Columbia) and Mexico for a variety of commodities.

Dated this 29th Day of March 2017.

Justin Johnson, M.Sc., P.Geo.
Senior Project Geologist

STATEMENT OF QUALIFICATIONS

I, Robert S. Middleton, am a graduate of the Provincial Institute of Mining (Haileybury, Ontario) (1965) – Mining Diploma; Michigan Technological University 1968, B.S. Applied Geophysics, 1969 M.S. Applied Geophysics.
Attended University of Toronto 1970 – Ph.D Geological program.
Employed during the summers of:
1964 – Keevil Mining Group – Geophysical Engineering and Surveys Ltd. Gaspe geochemistry.
1965 – Selco Exploration – NW Ontario (Magnetics) and NE Quebec (EM, Mag, Gravity, Mining Regs.)
1966 – Selco Exploration – NE Ontario (Geological Mapping)
1967 – Calumet & Hecla Mining – Keweenaw (IP (drill hole) surface and underground) and Michigan (Mag and drill hole IP)
Employed Ontario Dept. of Mines, 1968-1971, Mag, Geology, Gravity, Mining Regs.
Employed Barringer Research Ltd., 1971-1974, Airborne Geophysics, Consulting, Ground Geophysics
Employed Rosario Resources Corp., 1974-1980, Timmins, Honduras, Nicaragua, Dominican Republic
Employed Newmont Exploration of Canada, 1982-1983, Quebec, Ontario, Newfoundland, NWT. Manager of Exploration, RC and diamond drill projects, geophysics.
Consulting Based from Timmins, 1983-1990, various Au/ base metal projects in Manitoba, Quebec, Ontario, USA, Scotland. RC drilling and numerous diamond drill programs.
Management Various junior mining companies, 1990-present, VMS, Cu, Zn, Au, diamonds, Cu-Ni-PGE, Cross Lake discovery, Zn/Ag/Cu near Timmins
Member of Ontario Association of Professional Engineers, Canadian Institute of Mining and Metallurgy, and former Member of the Association of Exploration Geochemists, Society of Economic Geologists, Society of Geology Applied to Ore Deposits, and Geological Association of Canada.
Special Assignments:
Uganda – Evaluation of Kilembi Proterozoic Cu, Ni, Co (1992)
Siberia – Diamonds and Kimberlites (1993)
NWT – Valuations of Lac de Gras area projects (1995)
Kyrgystan – Gold deposit evaluation (1996)
South Korea- Moland Molybdenum Mine study (2009)
Exploration Manager East West Resource Corporation, 1992-2010.
KWG technical advisor on chromite development, rail line, aboriginal relations 2008-2010.
Giyani Gold, South Africa 2011-2013. Drill programs, geophysics and mapping Archean greenstones
Harte Gold, White River 2014-2015 mapping, geophysics, drilling resources
Rainy Mountain Royalty QP and VP 2016-present NE and NW Ontario projects

Robert Middleton . Date: March 29, 2018 .
R.S. Middleton, P.Eng.

APPENDIX

Date / Time of Issue: Wed Apr 11, 13:52:18 EST 2018

Ontario

Ontario Ministry of Northern Development and Mines
Mining Lands Claim Map

Administrative Districts

Township

SUMMIT LAKE AREA

Mining Division

Land Registry

THUNDER BAY

MNRF District Office

Nipigon

Topographic

- Building as Symbol
- Building to Scale
- Runway
- Heliport \ Hospital Heliport
- Seaplane Base
- Ferry Route
- Trail Head \ Trail
- Railway \ Train Station
- Railway with Bridge
- Railway with Tunnel
- Road (Major → Minor)
- Winter Road
- Road with Bridge
- Road with Tunnel
- Primary, King or Provincial Highway
- Secondary Highway
- Tertiary Highway
- District, County, Regional or Municipal Road
- Toll Highway
- One Way Road
- Road with Permanent Blocked Passage
- Road with Address Ranges
- Hydro Line, Communication Line or Unknown Transmission Line
- Natural Gas Pipeline, Water Pipeline or Unknown Pipeline
- Spot Height
- Index Contour
- Contour
- Wooded Area
- Wetland
- Waterbody
- Waterbody Elevation
- Watercourse
- Falls
- Rapids
- Rapids \ Falls
- Rapids
- Rocks
- Lock Gate
- Dam \ Hydro Wall
- Dam \ Hydro Wall
- Provincial \ State Boundary
- International Boundary
- Upper Tier \ District Municipal Boundary
- Lower Tier \ Single Tier Municipal Boundary
- Lot Line
- Indian Reserve
- Provincial Park
- National Park
- Conservation Reserve
- Military Lands

Mining Lands

Administration Boundaries
- Mining Divisions
- Resident Geologist District
- Townships and Areas
- UTM Grid
- Geographic Lot Fabric
- Other Federal Land

Mineral Tenure Grid
- LSKTG Tenure Grid

Alienations
- Withdrawal
- Notice

Unpatented Claim
- Active
- Recorded
- Pending

Disposition
- Disposition

Disposition Symbols
- Camp
- Disposition Unknown/Pending
- Freehold Patent Mining Rights Only
- Freehold Patent Surface Rights Only
- Freehold Patent Surface and Mining Rights
- Land Use Permit
- Leasehold Patent Mining Rights Only
- Leasehold Patent Surface Rights Only
- Leasehold Patent Surface and Mining Rights
- License of Occupation Mining Use Only
- License of Occupation Surface Use Only
- License of Occupation Surface and Mining Rights
- License of Occupation Uses Not Specified
- Order in Council
- Tower
- WPLA

Geology Layers
- AMIS Sites
- AMIS Features
- Drill Holes
- Mineral Occurrences

Scale: 1:40,000

0 — 8.00 km

Map Datum: NAD 83
Projection: Web Mercator

N

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources.

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Date / Time of Issue: Wed Apr 11, 13:58:46 EST 2018

Ontario

Ontario Ministry of Northern Development and Mines
Mining Lands Claim Map

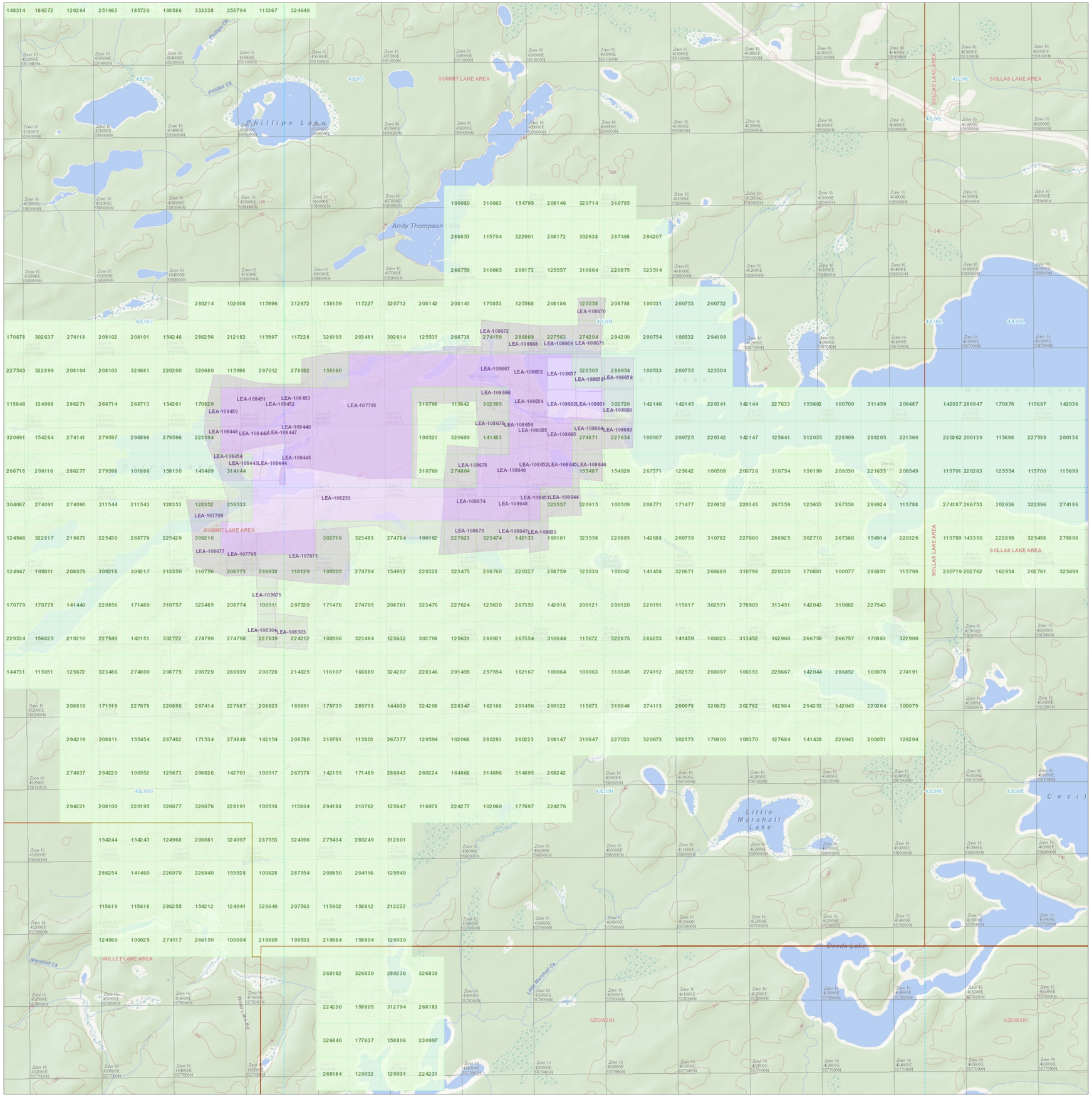
Administrative Districts

Township
SUMMIT LAKE AREA

Mining Division
Thunder Bay

Land Registry
THUNDER BAY

MNRF District Office
Nipigon



Topographic

- Building as Symbol
- Building to Scale
- Runway
- Heliport \ Hospital Heliport
- Seaplane Base
- Ferry Route
- Trail Head \ Trail
- Railway \ Train Station
- Railway with Bridge
- Railway with Tunnel
- Road (Major → Minor)
- Winter Road
- Road with Bridge
- Road with Tunnel
- Primary, Kings or 400 Series Highway
- Secondary Highway
- Tertiary Highway
- District, County, Regional or Municipal Road
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- Road with Address Ranges
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- Wetland
- Waterbody
- Waterbody Elevation
- Watercourse
- Falls
- Rapids
- Rapids \ Falls
- Rapids
- Rocks
- Lock Gate
- Dam \ Hydro Wall
- Dam \ Hydro Wall
- Provincial \ State Boundary
- International Boundary
- Upper Tier \ District Municipal Boundary
- Lower Tier \ Single Tier Municipal Boundary
- Lot Line
- Indian Reserve
- Provincial Park
- National Park
- Conservation Reserve
- Military Lands

Mining Lands

Administration Boundaries
- Mining Divisions
- Resident Geologist District
- Townships and Areas
- UTM Grid
- Geographic Lot Fabric
- Other Federal Land

Mineral Tenure Grid
- LMTG Tenure Grid

Alienations
- Withdrawal
- Notice

Unpatented Claim
- Active
- Recorded
- Pending

Disposition
- Disposition

Disposition Symbols
- Camp
- Disposition Unknown/Pending
- Freehold Patent Mining Rights Only
- Freehold Patent Surface Rights Only
- Freehold Patent Surface and Mining Rights
- Land Use Permit
- Leasehold Patent Mining Rights Only
- Leasehold Patent Surface Rights Only
- Leasehold Patent Surface and Mining Rights
- License of Occupation Mining Use Only
- License of Occupation Surface Use Only
- License of Occupation Surface and Mining Rights
- License of Occupation Uses Not Specified
- Order in Council
- Tower
- WPLA

Geology Layers
- MMIS Sites
- AMIS Features
- Drill Holes
- Mineral Occurrences

Scale: 1:20,000

0 — 4.00 km

Map Datum: NAD 83
Projection: Web Mercator

N

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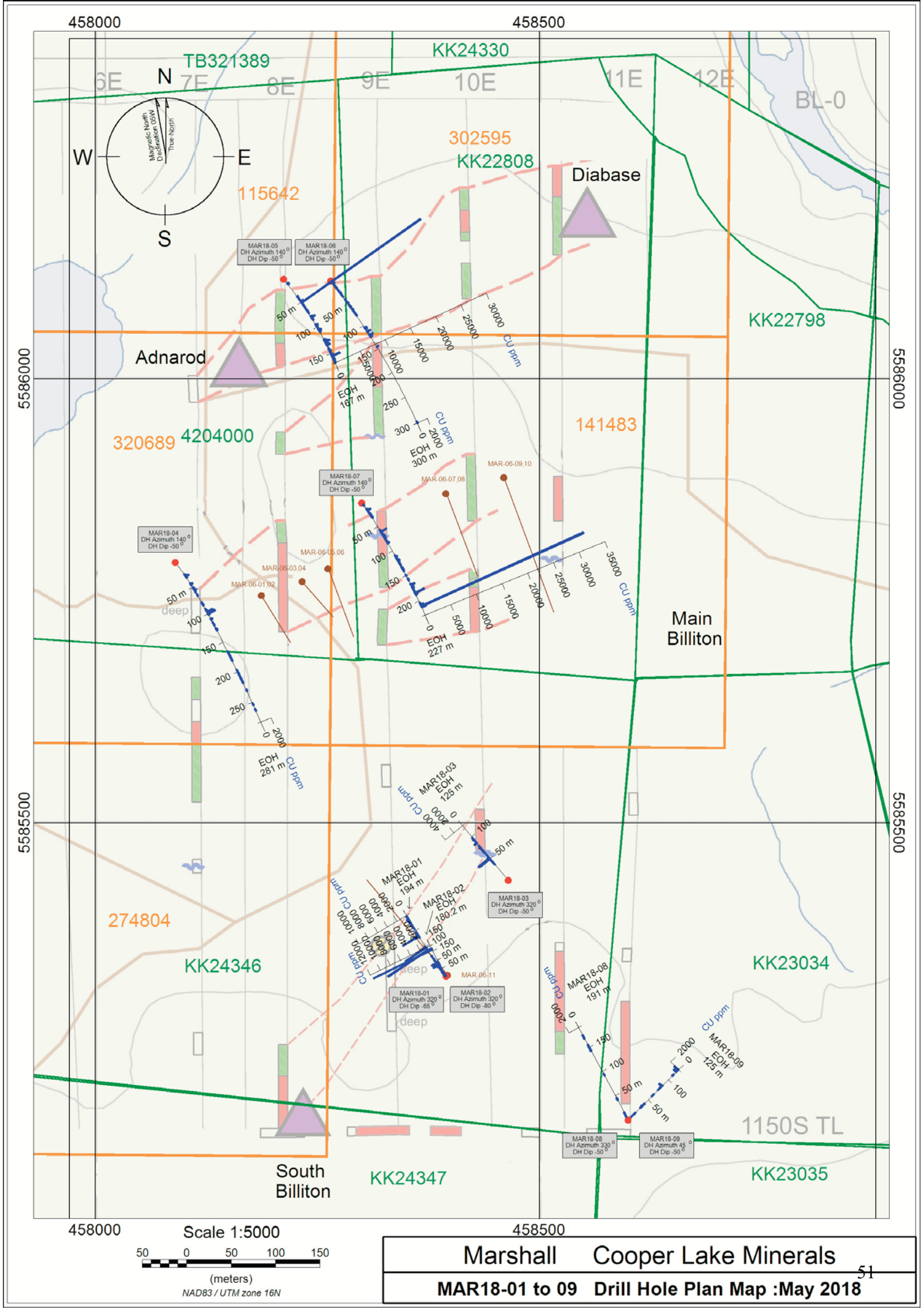


Marshall Cooper Lake Minerals

MAR18-01 to 09 Drill Hole Plan Map :May 2018

MAR18-01		**458397**	**5585323**	**Depth 194m**	**Az. 320** **Dip -65**
Line	**Station**	**950E**	**980S**	**Claim KK24346**	
Drilled by		**Niigaani Drilling Inc.**		**Start/finish date**	**2018-02-15** **2018-02-24**
Logged by		**Justin Johnson, Jordan Laarman**	**2018-02-22**	**NQ core stored at 1158A Russell St., Thunder Bay, ON**	

Type	Depth	Azimuth	Dip	Description	Invalid
Reflex	12	324.7	-66.7	mag 57201	no
Reflex	50	132.6	-66.1	mag 6571	yes
Reflex	101	326.4	-65.3	mag 57159	no
Reflex	152	329.3	-63.7	mag 57647	no
Reflex	194	329.1	-63.3	mag 54442	no

corrected for mag declin of 5 deg W

From	To	Title	Percentage	Description	Angle
0	**2.8**	**Casing**		**Casing.**	
2.8	**33.5**	**Felsic Volcanic, Fragmental**		**Dark in colour, siliceous. Unit is altered felsic fragmental. Fragments are highly siliceous with high aspect ratios, vary from <1 - 2 cm in width. Some frags maybe qtz veinlets. Sulphides variable <1-7% py with pyrr. Pinkish garnets very common (1-3%) from 13-27.4m then sporadic. Bright orange mineral at 14.1 & 24.3m, assoc. w/veins&fractures.**	
2.8	15.2	Volcanic		More mafic interval, softer and darker color than other felsic volcanic, mafic-intermediate volcanic?	
2.8	6	Pyrite	3%	f gr diss	
6	9	Pyrite	5%	f gr diss, possible pyrrhotite v.fg associated with it	
9	15	Pyrite	1%	f gr diss	
10	16	Quartz		<1cm wide, possible veinlets or clasts often assoc w/py	45
11.1		Fo		foliation; fragment asix	45
15	24	Pyrite	0.5%	f gr to blebs sporadic in nature	
18		Fo		foliation; fragment asix	50
27		Fo		foliation; fragment asix	45
28.9	33.5	Felsic Volcanic, Fragmental		Numerous clasts within interval with irregular orientations, general trend to the clasts is 40-50 but varies 0-90.	
33.5	**47.5**	**Felsic Volcanic**		**Grey color, vf to f gr, siliceous. Unit is massive compared to above unit with rare occurrences of qtz veinlets/fragments. Garnets are sporadic thru unit as well as small blue quartz eyes.**	
34.2		Fr		fracture	60
40		V		quart vein	80
41.8		Fo		foliation/bedding?	50

47.5	**62**	**Felsic Volcanic**	**Grey-dark grey, siliceous. Unit has a patchy look to it due to alt (chl+?) giving rise to light grey-green colour with dark grey fragments within. Felsic/cherty bands or clasts sporadically occur.**	**50**	
50.2		Fo	foliation	30	
51.3		Fo	foliation	45	
51.6	51.8	Quartz	Thin, up to 1.8cm wide white quartz veinlets at 28% with very fine grained pyrite	60	pyrite 1%
52.1	52.6	Quartz	Thin, 1cm wide quartz veinlets at 4% with very fine grained pyrite in groundmass		pyrite 0.5%
53.3	54.2	Quartz	Thin, 0.5cm wide quartz veinlets at 3% with very fine grained pyrite in groundmass		pyrite 1%
55	57	Felsic Volcanic, Fragmental	Numerous cherty/felsic clasts at irregular orientations.		
55	57.1	Quartz	Up to 20cm wide white quartz veins at 21%. Trace very fine grained pyrite at 55.4m.	55	
60.1	61.1	Quartz	Up to 1cm wide quartz veinlets at 7%		
61.9	62	Quartz	Thin, up to 2cm wide grey quartz veinlets at 52%	40	
62	**70**	**Felsic sericite schist**	**Light grey, siliceous unit with common, fine grained sericite along foliation throughout. Sheared at 35 deg to CA. Common thin white carbonate bands in siliceous groundmass. There's a patch of fine to medium grained garnets at 66.6m. Core is broken from 68.6 to 69.5m.**		
62	69.5		Sheared	35	
62.3		B	bedding	35	
68.8	69.7	Quartz	Up to 2cm wide quartz veinlets and bands at 10% with fine grained pyrite	50	pyrite 25

70	**194**	**Felsic volcanic**		**Medium grey, massive felsic volcanic with common very fine biotite in groundmass. From 70 to 70.1m, there's a hematite band at 50 deg to CA. From 70 to 70.6m, core is broken. There are garnets from 74.6 to 75.1m, 77.4 to 77.7m, 78.6 to 79.3m, 80.9 to 82.3m, 86.9 to 87.6m, 88.3 to 89.4m, 92 to 92.2m, 93.5 to 94.4m, 95.7 to 95.8m, 99.8 to 99.9m, 100.9 to 101.7m, 102.5 to 103.2m and from 103.5 to 106.7m. There are scattered thin, 1cm wide quartz veinlets in section. There is chalcopyrite-pyrrhotite from 89 to 89.6m and from 96.8 to 98.8m. From 115.7 to 119.8m, there's a faint banding in the biotite-chlorite at shallow 20 deg to running along CA. From 129.5 to 133m, there are up to 43cm wide white quartz veins. From 133.05 to 133.4m, there is semi-massive pyrrhotite-chalcopyrite with fine grained chlorite and black amphibole in the groundmass. From 146 to 182m, foliation is 60 deg to CA. Core is broken from 155.4 to 156.1m. There are patches of fine grained kyanite at 172.35 and 172.53m.**		
71.5	72.2	Quartz		Up to 9cm wide white quartz veins at 21% with trace fine grained pyrite	40	pyrite 0.5%
79	79.4	Quartz		Up to 6.5cm wide white quartz veins at 21%	60	
81.25	81.35	Pyrite	5%	Medium grained pyrite clots		
83.95	84.1	Pyrite	2%	Fine grained disseminated pyrite		
86	86.1	Quartz		1cm wide white quartz veinlet		
87.7	89.1	Chalcopyrite	2%	Very fine grained disseminated chalcopyrite		
89.1	89.6	Chalcopyrite, pyrrhotite	Cp03Po05	Fine grained disseminated chalcopyrite and pyrrhotite		
89.6	90	Chalcopyrite	1%	Very fine grained chalcopyrite		
96.3	96.95	Pyrite	1%	Very fine grained disseminated pyrite		
96.95	97.75	Chalcopyrite, pyrrhotite	Cp30Po03	Interstitial fine grained chalcopyrite-pyrrhotite		
97.75	98.7	Chalcopyrite, pyrrhotite	Cp08Po05	Wisps of fine to medium grained chalcopyrite-pyrrhotite		
98.7	99.9	Pyrite	2%	Fine to very fine grained disseminated pyrite		
99.9	101.1	Pyrite	0.5%	Very fine grained pyrite		
109.8	110.8	Quartz		Up to 2cm wide white quartz veinlets at 5%	50	
111.2	116.4			Chloritized felsic volcanic with areas of coarse grained garnets		
111.9	111.95	Quartz, chlorite		7.5cm wide quartz vein with minor chlorite	60	
112.8	112.8	Quartz		1.1cm wide white quartz veinlet		
115	115.35	Quartz		Up to 6cm wide white quartz veins at 21%		
118.5	118.6	Quartz, chlorite		2cm wide white quartz-chlorite vein		

119.5	119.9	Quartz		Up to 11cm wide white quartz veins at 32% with surrounding chlorite and coarse grained garnets		
128.9	129	Quartz, chlorite		5.5cm wide quartz vein with chlorite		
129.5	130.35	Quartz, chlorite		Up to 30cm wide white quartz veins at 55% with chlorite within.	55	
131.3	131.7	Quartz, chlorite		43cm wide white quartz vein with minor chlorite	50	
131.7	133	Quartz, chlorite		Thin, up to 10cm wide white quartz veinlets at 25% with surrounding chlorite and garnets	60	
132	132.1	Chalcopyrite	3%	Fine grained wisps of chalcopyrite in chlorite and garnets		
132.3	132.6	Chalcopyrite	3%	Fine grained wisps of chalcopyrite in chlorite and garnets		
133	133.25	Pyrrhotite	Po70Cp05	Semi-massive pyrrhotite bands at 50 deg to CA and a patch of chalcopyrite at 133m		
133.3	133.33	Chalcopyrite, pyrrhotite	Cp20Po25	Semi-massive chalcopyrite-pyrrhotite		
133.3	133.4	Pyrrhotite, chalcopyrite	Po50Cp02	Semi-massive pyrrhotite bands and minor fine grained chalcopyrite		
134.2	135.5	Quartz, tourmaline		Thin, up to 3cm wide quartz and quartz-tourmaline veinlets at 18%		
134.4	135.1	Chalcopyrite	2%	Fine grained chalcopyrite		
135.1	135.3	Chalcopyrite	6%	Fine grained interstitial chalcopyrite in chlorite		
135.5	135.5	Chalcopyrite	5%	0.5cm wide band of fine grained chalcopyrite at 60 deg to CA		
135.5	135.8	Quartz, tourmaline, chlorite, biotite with fine grained chalcopyrite bleb		30cm wide white quartz vein with tourmaline, biotite and chlorite	60	chalcopyrite 0.5%
136	136.2	Quartz, chlorite		White quartz-chlorite veinlets at 20%		
138.1	138.3	Quartz		1cm wide quartz veinlets at 10%		
138.9	146	Quartz, chlorite		Thin, up to 10cm wide quartz veinlets and veins at 11% with minor chlorite		
141.9	142.95	Chalcopyrite	3%	Very fine to fine grained disseminated chalcopyrite		
154.2	157.5			Black to dark green chlorite and coarse grained garnets		
155.2	155.8	Quartz, chlorite		Irregular quartz-chlorite veins at 8%		
156.5	158	Quartz, chlorite		Up to 4.5cm wide quartz-chlorite veinlets at 21%	70	
156.6	156.75	Pyrite	3%	Very fine grained disseminated pyrite		
157.7	160.5			Common fine grained andalusite and acicular grey silvery mineral -kyanite occurs in masses		
165.8	168.9			Fine grained andalusite-kyanite alteration with fine grained pyrite		
166.3	167	Pyrite	2%	Very fine grained disseminated pyrite in staurolite-kyanite alteration		
169.4	169.7	Quartz, chlorite, garnet		Up to 2cm wide veinlets at 10%	65	
170.4	171.6	Quartz, chlorite, garnet		Up to 4cm wide white quartz-chlorite-garnet veinlets at 12%	70	
173.6	174.6	Quartz, chlorite		Up to 10cm wide white quartz-chlorite veins at 26%		

174	178			Andalusite-kyanite alteration with fine grained pyrite		
176.5	176.5	Pyrite	3%	Fine to medium grained pyrite		
176.7	177.9	Quartz, chlorite		Up to 1.7cm wide white quartz-chlorite veinlets at 12%		
177.3	180.2	Pyrite	3%	Very fine grained pyrite in groundmass		
178.6	179	Quartz, chlorite		Up to 3cm wide veinlets at 21%		
179.7	179.85	Quartz		Up to 2cm wide veinlets at 25%		
180	184.7			Andalusite banded alteration		
181.2	181.4	Quartz		Up to 4.5cm wide white quartz veinlets at 50%		
182.7	183.8			Foliation	40	
182.9	183	Quartz		1.3cm wide white quartz veinlet		
183.2	183.3	Sphalerite	Sp40Cp03	3.5cm wide sphalerite band at 40 deg to CA; fine grained chalcopyrite		
183.6	184.84	Pyrite	1%	Very fine grained pyrite associated with quartz veins		
183.7	184.3	Quartz		Up to 9cm wide white quartz veins at 30% with very fine grained pyrite		pyrite 1%
183.8	190.5			Sheared	55	
184.7	185.1	Quartz		Thin, up to 2.5cm wide quartz veinlets at 18%		
184.8	191.3	Chalcopyrite	2%	Scattered 1cm wide bands of fine grained chalcopyrite		
186.2	187.3	Quartz, chlorite		Up to 3.5cm wide white quartz-chlorite veins at 21%		
189.7	189.9	Quartz		1cm wide light grey quartz veinlets at 25%		

					Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Zn-OG46
					Au	Ag	As	Au	Bi	Ca	Cd	Cu	Fe	Hg	Pb	Zn	Cu	Zn
DDH	From	To	Width	Sample #	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	%
MAR18-01	2.8	4.25	1.45	W452751	0.001	0.54	0.3	0.02	0.27	0.73	2.41	110	4.37	0.01	10.7	373		
MAR18-01	4.25	5.25	1	W452752	0.001	0.54	0.1	0.02	0.26	0.2	1.62	121.5	3.78	0.01	6.7	186		
MAR18-01	5.25	6.25	1	W452753	0.001	0.28	0.4	0.02	0.16	0.73	1.32	28.9	3.03	0.01	11.6	204		
MAR18-01	6.25	7.25	1	W452754	0.001	0.31	0.1	0.02	0.16	0.43	0.68	19.4	3.45	0.01	8.7	192		
MAR18-01	7.25	8.25	1	W452755	0.001	0.3	0.2	0.02	0.14	0.2	0.3	11.7	3.09	0.01	7.2	73		
MAR18-01	8.25	9.25	1	W452756	0.001	0.17	0.2	0.02	0.1	1.06	0.22	11.1	3.16	0.01	19.3	115		
MAR18-01	9.25	10.25	1	W452757	0.001	0.4	0.4	0.02	0.22	0.19	0.24	37.9	3.2	0.01	14.1	90		
MAR18-01	10.25	11.25	1	W452758	0.001	0.32	0.3	0.02	0.2	0.19	0.31	52.1	3.03	0.01	15.2	63		
MAR18-01	11.25	12.25	1	W452759	0.001	0.29	0.2	0.02	0.18	0.26	0.11	24.5	3.28	0.01	16	83		
MAR18-01	12.25	13.25	1	W452760	0.001	0.29	0.1	0.02	0.17	0.23	0.12	19	3.2	0.01	18.6	81		
MAR18-01	13.25	14.25	1	W452761	0.001	0.52	0.2	0.02	0.29	0.15	0.19	29.8	3.33	0.01	24.9	34		
MAR18-01	14.25	15.25	1	W452762	0.001	1.21	0.2	0.02	1.01	0.39	1.51	130.5	4.93	0.01	56.8	526		
MAR18-01	15.25	16.25	1	W452763	0.001	1.06	0.2	0.02	4.49	0.2	3.07	146	3.58	0.01	47.2	222		
MAR18-01	16.25	17.35	1.1	W452764	0.001	0.38	0.1	0.02	0.42	0.89	2.63	46.8	3.17	0.01	44.4	512		
MAR18-01	17.35	18.35	1	W452765	0.001	0.29	0.1	0.02	0.37	0.23	0.81	45.6	3.14	0.01	11.2	168		
MAR18-01	18.35	19.35	1	W452766	0.001	0.25	0.3	0.02	0.32	0.29	1.16	46.3	3.22	0.01	10.5	316		
MAR18-01	19.35	20.6	1.25	W452767	0.001	0.36	0.2	0.02	0.67	0.22	0.7	52.8	2.81	0.01	11.7	158		
MAR18-01	20.6	21.85	1.25	W452768	0.001	0.47	0.1	0.02	0.44	0.17	0.48	66	3.13	0.01	13.6	159		
MAR18-01	21.85	23.1	1.25	W452769	0.001	0.4	0.1	0.02	0.48	0.21	0.38	51.3	3.37	0.01	15.4	159		
MAR18-01	23.1	24.3	1.2	W452770	0.001	0.85	0.2	0.02	1.01	0.23	0.32	106.5	3.85	0.01	26.3	240		
MAR18-01	Standard P4F			W452771	0.631	0.75	182	1.07	0.12	1.82	0.24	295	3.01	0.06	14.9	54		
MAR18-01	24.3	24.8	0.5	W452772	0.001	0.73	0.4	0.02	1.87	0.25	0.38	134	5.6	0.02	24.9	429		
MAR18-01	24.8	26	1.2	W452773	0.001	0.15	0.2	0.02	0.28	0.24	0.22	12.6	3.35	0.01	10.7	164		
MAR18-01	26	27.5	1.5	W452774	0.001	0.23	0.2	0.02	0.49	0.32	0.5	13.9	3.54	0.01	12.7	234		
MAR18-01	27.5	29	1.5	W452775	0.001	0.32	0.2	0.02	0.46	1.38	1.12	33.4	5.26	0.01	36.6	630		
MAR18-01	29	30	1	W452776	0.001	0.11	0.2	0.02	0.15	0.64	0.1	12.8	4.36	0.01	10.8	202		
MAR18-01	30	31	1	W452777	0.001	0.06	0.1	0.02	0.11	0.47	0.05	6	4.49	0.01	6.4	191		
MAR18-01	31	32	1	W452778	0.001	0.25	0.1	0.02	0.32	0.27	0.17	82.6	4.51	0.01	11.1	137		
MAR18-01	32	33	1	W452779	0.001	0.09	0.1	0.02	0.14	0.2	0.02	17.7	4.36	0.01	3.4	104		
MAR18-01	33	33.5	0.5	W452780	0.001	0.08	0.1	0.02	0.18	0.22	0.01	9.4	4.12	0.01	4.9	99		
MAR18-01	33.5	34.5	1	W452781	0.001	0.11	0.1	0.02	0.11	0.19	0.03	4.1	3.92	0.01	12.1	85		
MAR18-01	34.5	36	1.5	W452782	0.001	0.07	0.1	0.02	0.07	0.18	0.03	3.3	3.78	0.01	9.9	88		
MAR18-01	50.5	51.5	1	W452783	0.001	0.05	0.2	0.02	0.06	0.22	0.03	8.9	4.01	0.01	9.1	220		
MAR18-01	51.5	52	0.5	W452784	0.001	0.08	0.1	0.02	0.08	0.22	0.03	15.8	4.03	0.01	10.3	279		
MAR18-01	52	53	1	W452785	0.001	0.14	0.1	0.02	0.07	0.3	0.05	15.6	4.9	0.01	11.4	323		
MAR18-01	53	54	1	W452786	0.001	0.18	0.1	0.02	0.18	0.22	0.04	55.4	5.41	0.01	8.4	314		
MAR18-01	54	55	1	W452787	0.001	0.23	0.2	0.02	0.14	0.2	0.05	48.5	4.58	0.01	11	254		
MAR18-01	55	56	1	W452788	0.001	0.07	0.2	0.02	0.07	0.29	0.04	18.4	3.93	0.01	9.2	200		

MAR18-01	56	57.1	1.1	W452789	0.001	0.16	0.1	0.02	0.16	0.3	0.13	11.6	4.23	0.01	21.7	339		
MAR18-01	57.1	58.1	1	W452790	0.001	0.04	0.1	0.02	0.08	0.26	0.05	1.5	3.46	0.01	8.3	300		
MAR18-01	Blank			W452791	0.001	0.06	0.3	0.02	0.02	1.91	0.04	156.5	4.58	0.01	0.7	45		
MAR18-01	58.1	59.1	1	W452792	0.001	0.05	0.1	0.02	0.08	0.25	0.06	3.2	3.62	0.01	8.2	335		
MAR18-01	59.1	60.1	1	W452793	0.001	0.18	0.1	0.02	0.07	0.21	0.03	2.3	3.42	0.01	7.4	242		
MAR18-01	60.1	61.1	1	W452794	0.001	0.05	0.1	0.02	0.05	0.34	0.03	6.9	4.47	0.01	9.1	291		
MAR18-01	61.1	62.1	1	W452795	0.001	0.05	0.1	0.02	0.04	0.58	0.04	3.6	3.88	0.01	13.1	302		
MAR18-01	62.1	63.1	1	W452796	0.001	0.09	0.1	0.02	0.05	0.2	0.03	2.9	3.27	0.01	11.3	112		
MAR18-01	67.8	68.8	1	W452797	0.001	0.13	0.1	0.02	0.08	0.23	0.05	3.1	3.01	0.01	14.5	107		
MAR18-01	68.8	69.8	1	W452798	0.001	0.28	0.3	0.02	0.19	0.28	0.16	32.7	3.62	0.01	43.6	185		
MAR18-01	87.6	88.1	0.5	W452799	0.001	0.14	0.1	0.02	0.09	0.22	0.07	18.6	4.31	0.01	57.8	231		
MAR18-01	88.1	89.1	1	W452800	0.001	0.89	0.2	0.02	0.24	0.21	0.19	284	5.31	0.01	102	366		
MAR18-01	89.1	89.6	0.5	W452801	0.179	96.9	0.2	3.43	91.5	0.06	25.6	8520	9.35	0.07	3710	2360	0.804	
MAR18-01	89.6	90.1	0.5	W452802	0.001	1	0.2	0.02	0.41	0.16	0.17	345	5.12	0.01	129.5	491		
MAR18-01	90.1	91	0.9	W452803	0.001	0.22	0.1	0.02	0.19	0.16	0.07	24.2	3.78	0.01	54.9	219		
MAR18-01	95.3	96.3	1	W452804	0.001	0.16	0.3	0.02	0.14	0.11	0.08	36.4	3.39	0.01	18	122		
MAR18-01	96.3	96.95	0.65	W452805	0.001	0.82	0.5	0.02	0.47	0.1	0.13	217	4.14	0.01	41.3	303		
MAR18-01	96.95	97.75	0.8	W452806	0.047	17.85	58.8	0.02	16.85	0.06	3.03	4410	13.1	0.02	61.5	3170	0.415	
MAR18-01	97.75	98.7	0.95	W452807	0.001	3.38	3.2	0.02	2.08	0.1	0.55	1055	6.57	0.01	36	642	0.106	
MAR18-01	98.7	99.9	1.2	W452808	0.001	0.78	0.4	0.02	0.46	0.11	0.09	190	3.52	0.01	21	160		
MAR18-01	99.9	101.1	1.2	W452809	0.001	0.32	0.4	0.02	0.22	0.11	0.05	69.4	3.61	0.01	19.6	177		
MAR18-01	128.5	129.5	1	W452810	0.001	0.05	0.1	0.02	0.07	0.32	0.05	3	4.4	0.01	10.5	345		
MAR18-01	Standard	GS-10F		W452811	0.796	7.31	4.3	0.78	2.74	1.03	0.96	20300	6.42	0.18	7.5	123	2.03	
MAR18-01	129.5	130	0.5	W452812	0.001	0.08	0.1	0.02	0.09	0.52	0.27	24.2	2.52	0.01	35.7	337		
MAR18-01	130	130.35	0.35	W452813	0.001	0.06	0.1	0.02	0.14	0.74	0.25	5	2.33	0.01	30.8	364		
MAR18-01	130.35	131.25	0.9	W452814	0.001	0.23	0.1	0.02	0.21	0.65	0.31	84.6	3.62	0.01	39.2	385		
MAR18-01	131.25	131.9	0.65	W452815	0.001	0.17	0.3	0.02	0.18	0.51	0.16	58.8	2.51	0.01	20.9	440		
MAR18-01	131.9	132.6	0.7	W452816	0.001	2.29	0.6	0.02	1.28	0.86	1.76	749	8.43	0.02	85.8	2070	0.072	
MAR18-01	132.6	133.1	0.5	W452817	0.001	1.57	0.2	0.02	2.9	0.98	0.38	365	5.21	0.01	45.8	940	0.034	
MAR18-01	133.1	133.5	0.4	W452818	0.026	24.1	1.1	0.03	16.15	0.12	179	3280	28.3	0.08	24	21900	0.305	2.19
MAR18-01	133.5	134.4	0.9	W452819	0.001	0.37	0.1	0.02	0.35	0.2	0.32	107.5	3.69	0.01	18.1	307	0.011	
MAR18-01	134.4	135.1	0.7	W452820	0.001	1.48	0.2	0.02	0.86	0.18	0.89	445	6.5	0.01	12.9	908	0.043	
MAR18-01	135.1	135.5	0.4	W452821	0.001	3.24	0.5	0.02	1.58	0.15	1.96	1075	6.99	0.02	17.3	2730	0.104	
MAR18-01	135.5	136	0.5	W452822	0.001	0.12	0.1	0.02	0.14	0.15	0.15	59.6	3.38	0.01	6	262		
MAR18-01	136	137	1	W452823	0.001	0.06	0.1	0.02	0.16	0.13	0.13	4.5	3.84	0.01	5.1	276		
MAR18-01	137	138	1	W452824	0.001	0.02	0.1	0.02	0.05	0.16	0.05	1.7	3.17	0.01	5	149		
MAR18-01	138	138.9	0.9	W452825	0.001	0.03	0.1	0.02	0.04	0.13	0.08	1	2.94	0.01	8.4	139		
MAR18-01	138.9	139.9	1	W452826	0.001	0.03	0.1	0.02	0.1	0.16	0.08	0.8	3.06	0.01	11.3	180		
MAR18-01	139.9	140.9	1	W452827	0.001	0.06	0.1	0.02	0.2	0.14	0.11	5.5	2.99	0.01	9.7	149		
MAR18-01	140.9	141.85	0.95	W452828	0.001	0.08	0.1	0.02	0.12	0.21	0.2	12.2	4.79	0.01	12	320		
MAR18-01	141.85	142.95	1.1	W452829	0.001	0.93	0.1	0.02	0.86	0.17	0.39	179.5	5.23	0.01	35.3	343	0.018	

MAR18-01	142.95	143.9	0.95	W452830	0.001	0.28	0.1	0.02	0.22	0.15	0.19	52.7	4.33	0.01	20.8	325		
MAR18-01	Blank			W452831	0.001	0.06	0.3	0.02	0.02	1.51	0.06	153.5	4.34	0.01	0.6	45		
MAR18-01	143.9	144.9	1	W452832	0.001	0.15	0.1	0.02	0.16	0.14	0.12	36.5	3.45	0.01	12.5	202		
MAR18-01	144.9	145.9	1	W452833	0.001	0.07	0.1	0.02	0.18	0.16	0.71	6.3	3.51	0.01	6.3	352		
MAR18-01	154.2	155.2	1	W452834	0.001	0.03	0.1	0.02	0.05	0.13	0.14	1.6	3.74	0.01	6.6	191		
MAR18-01	155.2	155.8	0.6	W452835	0.001	0.03	0.1	0.02	0.06	0.13	0.12	1.6	3.84	0.01	4.9	262		
MAR18-01	155.8	156.7	0.9	W452836	0.001	0.03	0.1	0.02	0.05	0.14	0.18	2.7	3.59	0.01	6.3	177		
MAR18-01	156.7	157.8	1.1	W452837	0.001	0.19	0.2	0.02	0.24	0.29	0.29	26.6	3.8	0.01	14.3	219		
MAR18-01	157.8	158.5	0.7	W452838	0.001	0.45	0.1	0.02	0.42	0.17	0.72	52.2	2.9	0.01	38.3	141		
MAR18-01	158.5	159.5	1	W452839	0.001	4.47	0.1	0.02	11.2	0.18	2.62	88.3	3.09	0.01	122	169		
MAR18-01	159.5	160.5	1	W452840	0.001	2.12	0.2	0.02	13.1	0.16	1.92	73.1	2.68	0.01	43.7	166		
MAR18-01	165.7	166.3	0.6	W452841	0.001	0.25	0.2	0.02	0.3	0.14	0.66	56.8	2.62	0.01	7.7	90		
MAR18-01	166.3	167	0.7	W452842	0.001	0.54	0.2	0.02	0.34	0.14	0.6	166.5	2.3	0.01	7	88		
MAR18-01	167	168	1	W452843	0.001	0.22	0.1	0.02	1.41	0.12	3.66	28.4	2.79	0.01	6.4	137		
MAR18-01	168	169	1	W452844	0.001	0.17	0.2	0.02	0.16	0.12	0.37	33.5	2.39	0.01	3.2	102		
MAR18-01	172.6	173.6	1	W452845	0.001	0.1	0.1	0.02	0.1	0.14	0.26	29.8	2.9	0.01	3.4	90		
MAR18-01	173.6	174.1	0.5	W452846	0.001	0.54	0.6	0.02	0.75	0.42	0.53	143.5	3.46	0.01	3.7	223		
MAR18-01	174.1	175.1	1	W452847	0.001	0.17	0.4	0.02	0.13	0.21	0.59	60.2	3.08	0.01	6.9	223		
MAR18-01	175.1	176.2	1.1	W452848	0.001	0.92	0.4	0.02	11.35	0.17	1.75	97	2.8	0.01	8.6	166		
MAR18-01	176.2	177.3	1.1	W452849	0.001	0.59	0.2	0.02	2.51	0.15	0.89	182.5	3.17	0.01	7.7	102		
MAR18-01	177.3	178.3	1	W452850	0.001	0.54	0.2	0.02	0.66	0.16	0.68	97	2.99	0.01	6.6	128		
MAR18-01	Standard P4F			W452851	0.445	0.54	178.5	0.69	0.13	1.86	0.27	292	2.92	0.02	14.3	53		
MAR18-01	178.3	179.3	1	W452852	0.001	0.42	0.2	0.02	0.27	0.18	0.55	45	2.67	0.01	4.9	156		
MAR18-01	182.1	183.1	1	W452853	0.001	0.18	0.1	0.02	0.14	0.16	0.16	31.5	2.68	0.01	5.5	77		
MAR18-01	183.1	183.4	0.3	W452854	0.002	2.62	0.5	0.02	1.49	0.2	244	308	4.85	1.52	18.3	62200	0.032	6.22
MAR18-01	183.4	184.1	0.7	W452855	0.001	0.24	0.2	0.02	0.14	0.33	0.5	67.2	3.01	0.01	9.9	238		
MAR18-01	184.1	184.85	0.75	W452856	0.001	0.32	0.3	0.02	0.15	1.52	1.19	52.5	3.17	0.01	76.8	461		
MAR18-01	184.85	185.5	0.65	W452857	0.001	0.46	0.6	0.02	0.27	1.06	0.2	74.6	3.27	0.01	12.7	111	0.008	
MAR18-01	185.5	186.1	0.6	W452858	0.001	0.28	0.1	0.02	0.14	0.91	0.1	29.6	2.83	0.01	10.1	86	0.003	
MAR18-01	186.1	186.9	0.8	W452859	0.001	0.26	0.5	0.02	0.16	2.99	0.19	38.9	3.46	0.01	21.4	91	0.004	
MAR18-01	186.9	187.7	0.8	W452860	0.001	0.37	0.3	0.02	0.2	1.1	0.11	55.8	3.05	0.01	9.7	63	0.006	
MAR18-01	187.7	188.7	1	W452861	0.001	0.21	0.2	0.02	0.1	1.22	0.1	37	3.02	0.01	13.5	76	0.004	
MAR18-01	188.7	189.7	1	W452862	0.001	0.36	1.2	0.02	0.27	1.43	0.2	54.7	3.38	0.05	26.6	135	0.006	
MAR18-01	189.7	190.3	0.6	W452863	0.001	1.41	2.7	0.02	0.84	0.48	0.2	145	5.24	0.15	13.4	79	0.014	
MAR18-01	190.3	191.3	1	W452864	0.004	0.58	0.4	0.02	0.34	0.85	0.1	36.2	3.6	0.01	11.8	53	0.004	
MAR18-01	191.3	192.3	1	W452865	0.001	0.32	0.5	0.02	0.15	0.55	0.08	29.4	3.37	0.01	9.1	21		

MAR18-02		**458395**	**5585327**	**Depth 194m**	**Az. 320**	**Dip -80**
Line	**Station**	**950E**	**980S**	**Claim KK24346**		
Drilled by		**Niigaani Drilling Inc.**		**Start/finish date**		
Logged by		**J. Johnson P.Geo.**		**NQ core stored at 1158A Russell St., Thunder Bay, ON**	**26/02/2018**	**2018-02-28**

Type	Depth	Azimuth	Dip	Description	Invalid
Reflex	11	329.4	-78.4	Mag 58101	No
Reflex	101	333.7	-77	Mag 57927	No

corrected for mag declin of 5 deg W

From	To	Title	Percentage	Description	Angle
0	**2.17**	**Casing**	0	**Casing.**	
2.17	**36.6**	**Felsic Volcanic, Fragmental**		**Unit is dark grey to grey colour, vf to f gr. Unit consists of intervals with numerous fragments of siliceous material, quartz/cherty/quartz vein(?) and ripped up volcanic clasts and intervals of relatively massive volcanics. Garnets sporadically occur throughout unit, often as bands. Sericite+/-biotite alteration variable but common. Sulphides in general are minor with trace pyrite throughout unit and localized higher abundances.**	
2.17	8.2	Pyrite	2%	Variable py from trace to 5% as diss and blebs	
3.5		Bedding		fragment	40
8		Foliation			30
11.1	18	Pyrite	2%	diss py often in association with quartz veinlets/fragments	
14.8	18	Ser+Bio		Variable ser (weak to strong) + biotite (weak to moderate, patchy)	
17		Foliation			25
18		Foliation			50
19	27	Felsic Volcanic		much more massive interval, rare fragments occur	
24.5	26	Pyrite	2%	fine diss py	
26		Foliation			25
33.5	34.1	Felsic Volcanic		massive interval	

36.6	**69.2**	**Felsic Volcanic**		**Unit is dark grey to grey colour, vf gr. Sporadic blue quartz eyes throughout unit. Unit is massive with rare fragmental intervals <1m consisting of quartz/cherty fragments often in a light green altered matrix. Sericite +/- biotite is common through unit. Trace sulphides patches in unit. Sporadic patches of pink garnets occur. A mottled alteration occurs from ~51-55m. Lower contact is gradational with the number of fragments and occurences of garnets increasing from 66m onward. Possible sphalerite @ 68.9m (honey brown along fractures)**	
37		Fracture			30
46.1	46.2	Pyrite	2%	diss py	
47.7	48.2	Fragmental		abundant quartz fragments	
49.6		Vein		quartz vein	80
51		Vein		quartz vein	75
54		Foliation		alteration along foliation	20
57.5		Vein		quartz vein	15
63		Fracture			30
68.2	69.5	Pyrite	1%	1-3% pyrite+pyrrhotite, trace cp @ 69.3m	
68.6		Foliation			35
69.2	**88.85**	**Felsic Volcanic, Fragmental**		**Unit is dark colour, vf gr. Possible sporadic sphalerite 69.5-72 (honey brown, occrs along fractures), sulphides are highly variable but generally tr occreances. 77.0-88.8m ground badly broken, likely a fault, locally 7% sulphides on broken core.**	
76.5		Foliation			45
80.2	80.35	Pyrite	3%	pyrite+pyrr mostly as low angle veinlet@25 to CA	
80.6		Foliation			40
81.5		Vein		sulphide veinlet 5-20	10
81.5	81.9	Pyrite	1%	py+pyrr, possible cp, up to 7% locally	

88.85	**180**	**Felsic Volcanic**		**Unit is grey, vf gr, and generally massive. Minor intervals, <1m, of fragments occur. Sulphides are trace pyrite to locally a few percent over very short intervals. Rare blue quartz eyes occur thru unit. Garnets are sporadic thru unit and increase in abundance at 103.5m and become rare below 140m. Sericite+/-biotite common thru unit. 110.8-120m siliceous patches common, interval has variable py of 1-3%, locally 5%. Fg magnetite occurs (M.S. high values indicative of magnetite). An unkown orange-brown silicate occurs as irregular masses and strings, often down core axis but also parallel (increase in abundance below 130m). 157.70-158.05m chert w/5% py+po. Spahlerite veinlet @163.1m. Tourmaline in quartz vein @174.1 & 177.6m.**	
95		Foliation			15
98	98.2	Pyrite	1%		
110.8	120	Silicia		variable silica alteration, patchy	
110.8	120	Pyrite	1%	variable py from 1-3%, locally 5%, diss to blebs, siliceous zones within interval	
125		Foliation			20
137		Vein			15
144		Foliation			10
152		Vein		quartz vein	80
157.7	158.05	Chert		siliceous/chert layer with sulphides along fractures	
157.7	158.05	Pyrite	3%	py+po along fractures and as veinlets in chert	
161		Vein		quartz vein	60
163.1	163.12	Sphalerite	5%	spharlerite+py+po in veinlet, total minerals 7%	
164.4	164.8	Fragmental		abundant quartz fragments	
168		Foliation			20
170	180	Pyrite	3%	diss to blebby	
173		Foliation			35
180		**EOH**			

					Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Zn-OG46
					Au	Ag	As	Au	Bi	Ca	Cd	Cu	Fe	Hg	Pb	Zn	Cu	Zn
DDH	From	To	Width	Sample #	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	%
MAR18-02	2.17	3.17	1	W452866	0.001	0.44	0.7	0.02	0.45	0.19	4.07	79.4	3.53	0.01	4.8	145		
MAR18-02	3.17	4.17	1	W452867	0.001	0.42	0.4	0.02	0.22	0.23	2.38	74.3	3.27	0.01	5	278		
MAR18-02	4.17	5.17	1	W452868	0.001	0.49	0.5	0.02	0.22	0.22	1.59	77.5	3.21	0.01	6.6	235		
MAR18-02	5.17	6.17	1	W452869	0.001	0.42	0.6	0.02	0.25	0.22	1.62	40.6	3.12	0.01	5.7	188		
MAR18-02	6.17	7.17	1	W452870	0.001	0.23	0.3	0.02	0.12	0.21	1.07	13.5	2.82	0.01	6.8	151		
MAR18-02	7.17	8.17	1	W452871	0.001	0.22	0.4	0.02	0.14	1.2	0.55	14.8	3.3	0.01	15.4	128		
MAR18-02	8.17	9.17	1	W452872	0.001	0.26	0.2	0.02	0.15	0.28	0.24	6.4	3.24	0.01	8.5	89		
MAR18-02	9.17	10.17	1	W452873	0.001	0.26	0.4	0.02	0.15	0.31	0.15	8.2	3.21	0.01	8.9	85		
MAR18-02	10.17	11.17	1	W452874	0.001	0.14	0.4	0.02	0.1	0.47	0.16	12.3	3.19	0.01	13.8	125		
MAR18-02	11.17	12.17	1	W452875	0.001	1	0.5	0.02	0.61	0.26	2.31	73.4	4.13	0.01	104.5	729		
MAR18-02	12.17	13.17	1	W452876	0.001	0.39	0.6	0.02	0.32	0.23	1.78	54.8	3.09	0.01	34.4	559		
MAR18-02	13.17	14.17	1	W452877	0.001	0.57	0.5	0.02	0.94	0.46	2.4	42	4.7	0.01	54.3	675		
MAR18-02	14.17	15.17	1	W452878	0.001	0.17	0.1	0.02	0.24	0.21	0.57	21.1	3.67	0.01	19.4	63		
MAR18-02	15.17	16.17	1	W452879	0.001	0.28	0.1	0.02	0.33	0.17	1.07	34.6	3.01	0.01	31.9	60		
MAR18-02	16.17	17.17	1	W452880	0.001	1.1	0.3	0.02	1.89	0.18	2.75	165.5	3.25	0.01	60.3	158		
MAR18-02	17.17	18.17	1	W452881	0.001	0.77	0.2	0.02	0.45	0.32	2.1	159.5	3.8	0.01	41.5	572		
MAR18-02	18.17	19.17	1	W452882	0.001	0.3	0.1	0.02	0.19	0.33	1.06	27.2	3.17	0.01	19.6	165		
MAR18-02	19.17	20.17	1	W452883	0.001	0.33	0.2	0.02	0.21	0.22	1.13	21	3.2	0.01	11.9	190		
MAR18-02	23	24	1	W452884	0.001	0.29	0.1	0.02	0.25	0.41	0.2	13.8	2.65	0.01	14.3	143		
MAR18-02	24	25	1	W452885	0.001	0.37	0.2	0.02	0.44	1.15	0.42	21.5	4.32	0.01	38.7	305		
MAR18-02	Standard P4F			W452886	0.563	0.58	181.5	0.36	0.13	1.81	0.24	286	2.94	0.02	13.9	52		
MAR18-02	25	26	1	W452887	0.001	0.87	0.4	0.02	0.63	0.2	0.32	113	3.95	0.01	33.3	225		
MAR18-02	26	27	1	W452888	0.001	1.8	0.1	0.02	2.26	0.3	2.49	273	4.82	0.01	50.8	940		
MAR18-02	54.85	55.85	1	W452889	0.001	0.05	0.1	0.02	0.07	0.23	0.05	14.1	4.02	0.01	14.5	162		
MAR18-02	55.85	56.35	0.5	W452890	0.001	0.3	0.4	0.02	0.48	0.1	0.12	161	4.73	0.01	7.5	109		
MAR18-02	56.35	57.35	1	W452891	0.001	0.04	0.2	0.02	0.04	0.18	0.05	6.6	4.52	0.01	15.2	113		
MAR18-02	67.2	68.2	1	W452892	0.001	0.12	0.1	0.02	0.12	0.21	0.02	24.1	3.75	0.01	15.9	83		
MAR18-02	68.2	69.2	1	W452893	0.001	1.04	0.1	0.02	0.79	0.14	0.06	384	5.38	0.01	31.3	89		
MAR18-02	69.2	70.2	1	W452894	0.01	3.81	0.1	0.02	1.36	0.15	2	540	4.22	0.01	51.9	503		
MAR18-02	70.2	71.2	1	W452895	0.001	0.4	0.1	0.02	0.22	0.28	0.29	53.3	4.57	0.01	26.2	470		
MAR18-02	71.2	72.2	1	W452896	0.001	1.98	0.1	0.02	0.74	0.2	1.09	279	3.83	0.01	48.6	232		
MAR18-02	72.2	73.2	1	W452897	0.031	4.97	0.3	0.02	3.28	0.16	1.85	1160	3.62	0.01	84.3	267		
MAR18-02	73.2	74.2	1	W452898	0.001	0.17	0.1	0.02	0.29	0.2	0.12	36.8	3.82	0.01	34.9	190		
MAR18-02	74.2	75.2	1	W452899	0.001	0.11	0.2	0.02	0.6	0.23	0.23	5.3	3.1	0.01	21.6	197		
MAR18-02	75.2	76.2	1	W452900	0.001	0.2	0.1	0.02	0.37	0.27	0.2	26.4	3.42	0.01	27.1	281		
MAR18-02	76.2	77.05	0.85	W452901	0.001	0.85	0.1	0.02	0.38	0.33	1.44	277	3.73	0.01	91.3	385		
MAR18-02	77.05	78.85	1.8	W452902	0.001	2.96	0.5	0.02	0.39	0.54	1.58	806	4.99	0.02	137.5	1280		
MAR18-02	78.85	79.85	1	W452903	0.001	0.2	0.1	0.02	0.06	0.2	0.16	38.2	3.73	0.01	63.1	204		

MAR18-02	79.85	80.35	0.5	W452904	0.001	2.2	0.5	0.02	0.65	0.51	0.67	1040	5.05	0.01	132	430		
MAR18-02	80.35	81.35	1	W452905	0.002	11.25	0.1	0.02	29.2	0.33	3.48	144	4.28	0.01	1345	1110		
MAR18-02	Blank			W452906	0.002	0.06	0.3	0.02	0.05	1.53	0.05	149	4.1	0.01	2.3	42		
MAR18-02	81.35	81.85	0.5	W452907	0.013	5.37	0.5	0.02	1.14	0.29	9.47	892	7.38	0.03	378	3740		
MAR18-02	81.85	82.85	1	W452908	0.001	0.32	0.4	0.02	0.33	0.28	0.38	116	4.41	0.01	98	563		
MAR18-02	82.85	83.85	1	W452909	0.001	0.89	0.3	0.02	1.88	0.14	0.17	36.2	3.22	0.01	106	132		
MAR18-02	83.85	84.85	1	W452910	0.001	0.67	0.1	0.02	1.21	0.13	0.16	54.9	4.16	0.01	108	145		
MAR18-02	84.85	85.85	1	W452911	0.001	0.77	0.1	0.02	0.94	0.12	0.23	149	4.2	0.01	155.5	148		
MAR18-02	85.85	86.85	1	W452912	0.015	13	0.1	0.02	6.16	0.38	2.15	1230	5.55	0.01	180	709		
MAR18-02	86.85	87.85	1	W452913	0.001	0.14	0.2	0.02	0.08	0.77	0.07	26.6	3.54	0.01	104.5	361		
MAR18-02	87.85	88.85	1	W452914	0.001	0.05	0.3	0.02	0.06	0.85	0.11	11	4.06	0.01	113.5	325		
MAR18-02	156.6	157.6	1	W452915	0.001	0.95	0.5	0.02	1.47	0.11	0.33	181	3.91	0.01	57.5	116		
MAR18-02	157.6	158.1	0.5	W452916	0.306	48.7	1.6	0.32	12.55	0.06	125.5	11650	7.77	0.45	19.2	22200	1.165	2.22
MAR18-02	158.1	159.1	1	W452917	0.001	1.08	0.2	0.02	0.29	0.16	0.25	258	3.85	0.01	33.3	495		
MAR18-02	162	163	1	W452918	0.001	0.18	0.2	0.02	0.16	0.13	0.08	39.4	2.82	0.01	24.6	256		
MAR18-02	163	163.5	0.5	W452919	0.007	3.2	0.2	0.02	0.71	0.21	121.5	371	5.44	0.29	13.8	13750		1.375
MAR18-02	163.5	164.5	1	W452920	0.012	0.21	0.2	0.02	0.1	0.13	0.18	18.4	3.42	0.01	16.3	435		

MAR18-03		**458441**	**5585429**	**Depth 125m**	**Az. 320**	**Dip -50**
Line	**Station**	**1000E**	**855S**	**Claim KK24346**		
Drilled by		**Niigaani Drilling Inc.**		**Start/finish date**		
Logged by		**J. Johnson P.Geo.**		**NQ core stored at 1158A Russell St., Thunder Bay, ON**	**2018-03-09**	**2018-03-10**

Type	Depth	Azimuth	Dip	Description	Invalid
Reflex	50	236.9	-66.1	Mag 57998	No

corrected for mag declin of 5 deg W

From	To	Title	Percentage	Description	Angle
0	**2.85**	**Casing**	**0**	**Casing.**	
2.85	**21.8**	**Felsic Volcanic, Fragmental**		**Dark grey in colour (chl alt), vf gr. Pyrite present through the unit from trace to locally 5%. Garnets appear at 7m and continue sporadically. Fragments are generally siliceous in nature. 14.75-16.25m foliation deformed to down core axis (possible primary deformation, slumping) while majority of unit has well defined foliation,bedding at 40-45.**	
6		Foliation		bedding or foliation	50
14		Foliation		bedding or foliation	45
14.75	16.25	Deformation		deformation of bedding or foliation to down CA, possible primary	
15.5		Foliation		bedding or foliation	10
21.8	**39.8**	**Felsic Volcanic**		**Grey to dark grey colour, vf gr. Pyrite sporadically thru unit as small patches p to 2% over 2-5cm and common as tr diss sulphides (possible stringer at 38.8m). Unit is more siliceous that above unit and lacks the larger fragments and well defined bedding (unit is still likely a volcaniclastic). 33.4-34.2m vf f gr, massive grey unit, likely an altered dyke. Fg magnetite appears 34.5m and contines to 59m and varies from 0.5-3%.**	
22		Foliation		bedding or foliation	45
28		Foliation		bedding or foliation	45
33.2	33.75	Massive Felsic Volcanic		massive interval of volcanics, distinct contacts	
38.7	29.8	Pyrite	2%	disseminated pyrite	
39		Foliation		bedding or foliation	45

39.8	**53.75**	**Crystal Tuff, Felsic, Brecciated**		**Medium gr crystal tuff, dark grey to grey in colour. Upper contact strongly deformed/brecciated and altered to 40.75m then likely f gr. Mafic dyke to 40.1m. Unit consists of massive intervals of crystal tuff (m gr. White crystals) 20-80cm with intervals of brecciated/deformed tuff with clasts of tuff in a aphanitic matrix/veins of dark grey material (chl+?). Magnetite thru unit in variable amounts, sulphides present in low amounts (<1% py) with patches of 2-3% py sporadically. Lower contact is gradational.**	
40.75	41.1	Mafic Dyke		possible vf gr mafic dyke, likely cause of above brx and alt of crystal tuff	
41.1	54	Pyrite	<1%	diss pyrite with patches of 2% py over 10cm sporadically	
53		Foliation			40
53.75	**71**	**Felsic Volcanic**		**Dark grey to grey in colour, f gr. Sporadic patches of pyrite, 63.50-65.35m deformed with rare sulphides (pyrite) within veinlets (w. Stringers), possble chert at 65.25-65.35m. Patches of orangish alteration sporadically within unit. Minor sericite alteration, patchy.**	
56.5	56.6	Pyrite	1%	diss pyrite with tr cpy	
57		Foliation		bedding or foliation	50
57.8	58.2	Crystal Tuff		m gr as above major unit	
61.8		Foliation			60
63.5	65.35	Pyrite	<1%	py as disjointed, weak stringers sporadically occur	
66.95	65.21	Quartz		White quartz	
70		Foliation			50
70.15	70.41	Quartz		White quartz	
71	**73.95**	**Deformation Zone, Volcanics**		**Zone of strong deformation of above felsic volcanics with numerous deformed quartz veins of variable orientation (0-90 to CA). Biotite common as is sericiate alteration zones. Pyrite sporadically occurs.**	
73.75	73.9	Quartz		White quartz	
73.95	**125**	**Felsic Volcanics (sericite schist)**		**Light grey colour, f gr. Sericite abundant (mod to strong), strongest occurrences often have 2-5% pyrite (sulphides smeared along foliation planes and as diss/blebs), sulphides become rare below 103m. Zones/blotches of chlorite alteration thru unit. Moderate to strong foliation to unit (schist) variable in orientation 25-50 with areas down CA (0-5) and others near perpendicular. Minor occurrences of brecciated crystal tuff (5-20cm). Pseudo-tachylite, 86.70-86.87m, around 1mm Fault 45 to CA. Rare occurrences of small garnets in unit.**	

76.4	76.55	Chert		brecciated chert interval with 10-15% sulphides	
76.4	76.55	Pyr+Pyrr	15	10-15% pyrite>pyrrhotite	
78.7	78.8	Feldspar		Orange feldspar+tourmaline+quartz	25
78.8		Vein			25
80		Foliation			50
84.5		Foliation			5
86.2	86.45	Crystal Tuff		m gr as above major unit, brecciated	
86.45	86.5	Pyrite	8%	blebs associated with white quartz vein, near fault&pseudotachyite	
91		Foliation			40
97.2	97.5	Quartz		quartz vein, irregular but low angle down CA	
101		Foliation			30
117		Foliation			35
125		**EOH**			

DDH	From	To	Width	Sample #	Au-ICP21 Au ppm	ME-MS41 Ag ppm	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Hg ppm	ME-MS41 Pb ppm	ME-MS41 Zn ppm	Cu-OG46 Cu %	Zn-OG46 Zn %
MAR18-03	36.75	37.75	1	W455801		0.34	0.4	0.02	0.23	0.78	0.38	26.5	3.48	0.01	75.2	87		
MAR18-03	37.75	38.75	1	W455802		0.21	0.4	0.02	0.19	1.03	0.42	16.4	2.83	0.01	79.3	73		
MAR18-03	38.75	39.8	1.05	W455803		0.61	0.5	0.02	0.4	0.77	0.61	46.9	3.61	0.01	61.5	161		
MAR18-03	39.8	41.1	1.3	W455804		0.39	0.8	0.02	0.48	1.2	0.85	19.8	2.04	0.01	40.4	137		
MAR18-03	41.1	42.1	1	W455805		0.87	0.6	0.02	0.56	1.76	0.62	36.3	3.98	0.01	130	332		
MAR18-03	42.1	43.1	1	W455806		0.76	0.3	0.02	0.45	0.82	0.3	27	2.28	0.01	57.4	80		
MAR18-03	43.1	44.1	1	W455807		0.68	0.4	0.02	0.42	1.61	0.48	22	2.99	0.01	106.5	110		
MAR18-03	44.1	45.1	1	W455808		0.75	0.5	0.02	0.46	2.13	0.57	35	3.5	0.01	118	222		
MAR18-03	45.1	46.1	1	W455809		1.02	0.6	0.02	0.8	2.73	1.61	43.2	3.24	0.01	78.9	709		
MAR18-03	46.1	47.1	1	W455810		2.17	1.2	0.02	1.46	2.07	4.7	119.5	3.79	0.02	45.1	932		
MAR18-03	47.1	48.1	1	W455811		0.91	0.7	0.02	0.83	2.72	2.55	95.9	2.61	0.01	72	791		
MAR18-03	48.1	49.1	1	W455812		0.86	0.7	0.02	0.83	2.37	1.45	102.5	2.73	0.01	78.9	700		
MAR18-03	49.1	50.1	1	W455813		0.82	0.4	0.02	0.72	1.91	0.43	133.5	4.04	0.01	86.6	445		
MAR18-03	50.1	51.1	1	W455814	0.174	44.9	0.3	0.13	50.7	0.81	12.9	2240	5.8	0.06	156.5	737		
MAR18-03	51.1	52.1	1	W455815	0.17	43.7	0.7	0.14	55.2	0.96	7.75	2450	5.04	0.04	150	1060		
MAR18-03	52.1	53	0.9	W455816		1.85	0.6	0.02	1.47	0.63	0.55	279	6.25	0.01	79.7	366		
MAR18-03	53	53.75	0.75	W455817		0.97	0.3	0.02	0.75	1.39	0.41	75.8	4.06	0.01	73.2	137		
MAR18-03	53.75	54.75	1	W455818		0.51	0.2	0.02	0.49	0.56	0.17	37.4	3.36	0.01	30.7	146		
MAR18-03	54.75	55.75	1	W455819		0.48	0.2	0.02	0.82	0.62	0.18	23.4	2.84	0.01	33.5	44		
MAR18-03	55.75	56.75	1	W455820		0.55	0.4	0.02	0.36	0.9	0.21	31.5	3.68	0.01	47	33		
MAR18-03	Standard P4F			W455821		0.22	0.4	0.02	0.1	2.53	0.08	594	4.38	0.02	0.9	42		
MAR18-03	56.75	57.75	1	W455822		0.11	0.1	0.02	0.16	0.71	0.18	7.1	2.81	0.01	48	68		
MAR18-03	57.75	58.75	1	W455823		5.55	0.4	0.02	35.5	0.75	1.07	32.6	2.53	0.01	137.5	115		
MAR18-03	62.3	63.3	1	W455824		1.12	0.5	0.02	0.49	0.36	0.29	36.3	2.05	0.01	72.7	195		
MAR18-03	63.3	64.3	1	W455825		11	0.6	0.02	25.2	0.57	3.37	44.4	2.5	0.01	1125	440		
MAR18-03	64.3	65.35	1.05	W455826		1.34	0.5	0.02	0.92	0.69	45.1	105	3.85	0.14	121	3320		
MAR18-03	65.35	66.35	1	W455827		0.67	0.5	0.02	0.47	0.45	0.36	42.2	3.14	0.01	78.1	246		
MAR18-03	66.35	67.35	1	W455828		5.44	0.7	0.02	33.7	0.5	1.12	115	2.67	0.02	137.5	684		
MAR18-03	67.35	68.35	1	W455829		1.29	0.4	0.02	2.35	0.94	10.35	153	3.29	0.01	102.5	783		
MAR18-03	68.35	69.35	1	W455830		0.37	0.2	0.02	0.26	0.46	0.35	49.1	3.07	0.01	69	178		
MAR18-03	69.35	70.35	1	W455831		0.16	0.5	0.02	0.14	0.53	0.36	18.9	2.88	0.01	60.3	271		
MAR18-03	70.35	71	0.65	W455832		0.99	0.8	0.02	0.62	0.39	0.67	114	3.89	0.01	70.8	445		
MAR18-03	71	72	1	W455833		0.91	0.3	0.02	1.41	0.48	1.14	41.5	2.53	0.01	83.2	290		
MAR18-03	72	73	1	W455834		1.1	1	0.02	0.81	0.4	0.77	111.5	3.39	0.01	95.9	302		
MAR18-03	73	74	1	W455835		0.92	1.1	0.02	0.49	0.81	0.9	140	3.57	0.01	113.5	364		
MAR18-03	74	75	1	W455836		2.61	2.7	0.02	1.81	0.28	0.56	187	2.72	0.02	78.8	326		
MAR18-03	75	76	1	W455837		0.64	1.4	0.02	0.38	0.22	0.22	183.5	1.9	0.01	42.6	139		
MAR18-03	76	77	1	W455838		1.24	7.9	0.02	1.46	0.9	0.83	235	5.41	0.08	164.5	296		

MAR18-03	77	78	1	W455839	0.81	2.1	0.02	0.45	0.65	0.61	66.9	2.83	0.01	129	286
MAR18-03	78	79.45	1.45	W456000	0.87	0.5	0.02	0.19	0.6	0.4	53.5	2.93	0.01	103.5	223
MAR18-03	85.2	86.2	1	W455840	0.2	0.6	0.02	0.28	2.69	0.1	514	4.38	0.02	1.5	44
MAR18-03	Blank			W455841	0.98	1.9	0.02	0.5	4.53	0.86	48.2	3.79	0.01	77.1	291
MAR18-03	86.2	86.85	0.65	W455842	0.45	0.4	0.02	0.14	0.25	0.27	53.2	2.71	0.01	47.3	226
MAR18-03	86.85	87.85	1	W455843	1.06	0.5	0.02	0.58	0.19	0.53	57.5	2.77	0.01	124.5	313
MAR18-03	91	92	1	W455844	0.78	0.3	0.02	0.13	0.19	0.2	56.6	1.93	0.01	72.6	187
MAR18-03	92	93	1	W455845	1	0.5	0.02	0.16	0.39	0.38	103	2.3	0.01	134.5	222
MAR18-03	93	94	1	W455846	1.19	0.7	0.02	0.15	0.57	15.65	171.5	2.78	0.1	123	2300
MAR18-03	94	95	1	W455847	0.75	0.1	0.02	0.1	0.24	0.36	54	2.16	0.01	50.6	260
MAR18-03	95	96	1	W455848	0.41	0.4	0.02	0.11	0.16	0.15	37.2	1.55	0.01	43.1	95
MAR18-03	96	97	1	W455849	0.75	0.3	0.02	0.12	0.28	0.19	43.1	2.18	0.01	73.9	181
MAR18-03	97	98	1	W455850	1.02	0.8	0.02	0.63	0.59	1.16	91.7	3.34	0.02	176.5	541

MAR18-04		**458089**	**5585784**	**Depth 281m**	**Az. 140**	**Dip -50**
Line	**Station**	**675E**	**525S**	**Claim 320689**		
Drilled by		**Niigaani Drilling Inc.**		**Start/finish date**		
Logged by		**J. Johnson P.Geo.**		**NQ core stored at 1158A Russell St., Thunder Bay, ON**	**2018-03-10**	**2018-03-12**

Type	Depth	Azimuth	Dip	Description	Invalid
Reflex	32	147.2	-47.1	Mag 57163	No
Reflex	101	151.1	-44.5	Mag 56612	No
Reflex	152	153.5	-42.9	Mag 56695	No
Reflex	200	153.9	-41.1	Mag 56948	No
Reflex	230	154.3	-39.8	Mag 57131	No
Reflex	251	156.1	-39	Mag 56864	No
Reflex	281	156.3	-37.8	Mag 56957	No

corrected for mag declin of 5 deg W

From	To	Title	Percentage	Description	Angle
0	**25.45**	**Overburden**	**0**	**Overburden. ~1.2m of broken below unit may be bedrock.**	
24.45	29.4	Albitization		zones of intense albitization, represent ~30 of interval	
25.45	**29.4**	**Felsic Volcanic, Brecciated, Altered**		**Unit light grey/buff to grey colour and consists of intervals of mildly deformed volcanics with zones of intense albitization and zones of brecciation or possible healed faults; pseudotachylite common in zones of albitization and brecciation. Minor sphalerite, chalcopyrite (trace pyrite and cubanite?) associated with fractures/veinlets and brecciated areas. Last 20cm of unit is breccia.**	
26.6	24.4	Sph, Pyr, Cpy	<1%	trace to <1% sphalerite, chalcopyrite, pyrite in veinlets, fractures; hyrdothermally remobilized	
27		Foliation			35
29.4	**53**	**Felsic Volcanic**		**Unit light grey to dark grey. Weak veining and alteration persists during top 5m of unit. Weak to strong fabric thru unit. Thin intervals of crystal tuffs occur. Weak, patchy sericite in unit. Blue quartz eyes sporadically in unit, trace pyrite with rare zones <5cm of 1-5%; chalcopyrite in stringer at 30.5m (<1%). Rare occurances of garnets. 44.0-45.3m interval has patches of moderate albitization, pyrite ~1% total for interval.51.95-52.10m siliceous interval with 1% pyrite+pyrrhotite. Lower contact gradational with rare fragments appearing 52.5m.**	
31		Foliation			40
42		Foliation			45
49		Foliation			45

53	**59.35**	**Felsic Volcanic, Fragmental**	**Unit is light grey in colour with moderate to strong sericite throughout unit. Fragments of more mafic material and quartz 2-15mm in size vary in abundance from 5-50% by volume. Disseminated to blebby pyrite+/-pyrrhotite 2-3% for unit and locally >5%. 53.30-53.60m little sericite alteration and interval has a brecciated appearance. 56.0-56.2m quartz vein with 25% anthophyllite (brown fibrous mineral) and 5% pyrite, tr. cpy. 59.00m 5cm cross cutting breccia with v. large pyrite mass (7%). Lower contact is distinct.**	
58		Foliation		55
59.35	**105.9**	**Felsic Volcanic**	**Unit is as above at 29.4m. Tuffaceous intervals are more common than above and thicker in length. 92-93m ragged, disjointed sulphide+gangue veinlet 1-2mm wide down CA. 96.4-97.6m interval has 5 thick white quartz veins with tr sulphides (pyrite+pyrrhotite+chalcopyrite), interval also fragmental with several fragments and a light tan-orange mineral. 100.5m 1% pyrite+Chalcopyrite along fracture down CA. 102.5-102.7m alteration to light grey, core ground/broken with v. poor recovery; possible dyke or fault. Gradational lower contact.**	
67		Foliation		35
75		Foliation		50
80.45	80.55	Quartz		15
82.7	82.95	Quartz	irregular vein mass, 1% pyrite	
83.37	83.47	Quartz	irregular vein mass, 1% pyrite	
86		Foliation		45
96		Foliation		40
96.4	97.2	Quartz	5 irreuglar quartz veins, mostly high angle to CA, 2% pyrite	
99		Foliation		30
105.9	**126.5**	**Felsic Volcanic, Crystal Tuff**	**Unit is dark grey colour with 1-2mm whitish grey, rounded to angular crystals many with alteration rims. Crystals average 15% by volume. Trace pyrite disseminated in unit. Biotite+/-sericite rare. 109.55-109.85m irregular quartz vein down CA with 2% pyrite. Starting 116m alteration (lightening of core) begins until intense at 117.25m for 40cm (albitization) then moderate with deformed quartz veins to 119.2m, trace sulphides through area.**	
113		Foliation		35
116	119.2	Alteration Zone	zone of albitization alteration with disaggregated quartz veinlets	
116	117.2	Albitization	weak increasing in intensity down hole	

117.2	118.6	Albitization		intense alteration	
118.6	119.2	Albitization		moderate, intermixed with quartz veins,blobs	
119.9	120.1	Quartz		irregular vein mass, 1% pyrite	
122		Foliation			50
126.5	**146.9**	**Felsic Volcanic**		**Unit is as above but with a strong foliation or fabric to it. Thin intervals or fragments of possible porphyry occur. Blue quartz eyes extremely rare. 127.7-127.8m thick interval of black massive and fibrous mineral (anthophyolite) with 1% sulphides. Lower contact gradational.**	
132		Foliation			35
141		Foliation			40
146		Foliation			45
146.9	**201.1**	**Felsic Volcanic, Crystal Tuff**		**As above. 168.0-169.2m deformed zone with 5 deformed quartz veinlets. 172.65-173.65m siliceous area with 2% patchy sulphides, possible prophyry fragments? 176.5-177.1m brecciated interval with possible chert fragments (l. Green- grey colour). 179.0-179.5 & 180.5-181.1m siliceous zones with 1% pyrite. 197.7m an increase in slphides occur to end of unit. Lower contact is gradational from 198m with a decrease in tuffaceous beds.**	
162		Foliation			55
168		Foliation			45
183		Foliation			45
191		Foliation			50
194.6	196	Felsic Volcanic		zone with no crystal tuff, weak bleaching of interval	
197.7	198.95	Pyrite	<1%	disseminated pyrite	
199	202	Pyrite, pyr	1%	average 1% for unit, locally 5% over 5cm; pyrite+pyrrhotite, rare trace chalcopyrite	
201		Foliation			40
201.1	**217.75**	**Felsic Volcanic**		**Unit is dark grey to grey in color. Crystal tuff beds (<20cm) persist to 203m below which they sporadically occur and are thin. Mild deformation in unit, in addition unit contains several thin quartz, quartz+? And mafic veinlets conformable and cross cutting foliation. Sulphides thru unit are low with patches and semi-conformable ragged veinlets locally >5%.**	
202	203.3	Pyrite, pyr	3%	average 3% for unit, locally 5% over 5cm confomable to beds/bands; pyrite+pyrrhotite, rare trace chalcopyrite	
210.2	213.4	Alteration Zone		altered (silicified?) felsic volcanics are grey to light grey, possible chert zones ~212m	

210.2	214.4	Pyrite, pyr	3%	average 3% for unit, locally 15% over 10cm; pyrite+pyrrhotite, trace chalcopyrite	
211		Foliation			45
214.4	214.75	Pyrite, pyr	5%	pyrite+pyrrhotite tr chalcopyrite diss and along foliation planes, also possible stringers	
216	216.65	Alteration Zone		silicified zone	
216	216.65	Pyrite, pyr	1%	disseminated pyrite	
217.8	**281**	**Felsic Volcanic**		**Unit is dark grey to grey colour, relatively massive with intervals of crystal tuff beds. Sporadic occurances of blue quartz and garnets thru unit. Trace sulphides occur in small patches. Irregular patches of whitish-gray material <1cm appear 236m onwards (alteration of ???). 226-227m a bleaching of the core, associated with two low angle carbonate veinlets. 229.8-230.8m interval contains brecciated quartz veins with 1% pyrite. Possible pseudotachylite @248.4m. 271-276m disseminated trace magnetite, f gr.**	
228		Foliation			50
252.5	252.95	Quartz			
262.1	262.3	Quartz			
267		Foliation			40
275		Foliation			45
281		**EOH**			

DDH	From	To	Width	Sample #	Au-ICP21 Au ppm	ME-MS41 Ag ppm	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Hg ppm	ME-MS41 Pb ppm	ME-MS41 Zn ppm	Cu-OG46 Cu %	Zn-OG46 Zn %
MAR18-04	25.45	26.45	1	W455851		0.59	0.4	0.02	0.05	0.23	0.2	36.4	2.42	0.01	30.1	121		
MAR18-04	26.45	27.45	1	W455852		4.51	0.7	0.02	0.28	0.18	4.22	169.5	1.79	0.02	177	1800		
MAR18-04	27.45	28.45	1	W455853		3.71	1	0.02	2.83	1.05	11.5	291	4.05	0.04	482	3670		
MAR18-04	28.45	29.45	1	W455854		1.62	0.2	0.02	0.93	0.34	3.69	146	3.05	0.02	226	1060		
MAR18-04	29.45	30.45	1	W455855		6.69	0.2	0.02	3.48	0.32	24.9	578	2.79	0.02	656	1680		
MAR18-04	30.45	31.45	1	W455856		1.22	0.3	0.02	0.85	0.3	6.43	115	2.6	0.01	152.5	918		
MAR18-04	31.45	32.45	1	W455857		0.3	0.1	0.02	0.26	0.41	0.5	24.1	2.2	0.01	36.5	192		
MAR18-04	43	44	1	W455858		0.24	0.4	0.02	0.12	0.57	0.66	41.4	2.44	0.01	66.5	159		
MAR18-04	44	45	1	W455859		4.36	0.4	0.02	5.4	0.25	14.95	368	3.1	0.05	305	2370		
MAR18-04	45	45.5	0.5	W455860		2.13	0.3	0.02	1.43	0.24	12.65	278	2.36	0.03	290	1220		
MAR18-04	45.5	46.5	1	W455861		1.22	0.2	0.02	1.48	0.2	1.17	40.2	2.56	0.01	76.9	218		
MAR18-04	51	52	1	W455862		0.63	0.3	0.02	0.05	0.6	0.18	95.5	2.63	0.01	58.9	149		
MAR18-04	52	53	1	W455863		3.78	0.4	0.02	4.6	0.26	18.15	160	2.22	0.16	599	4920		
MAR18-04	53	54	1	W455864		1.04	1	0.02	0.14	0.19	0.58	50.4	1.64	0.01	58.9	211		
MAR18-04	54	55	1	W455865		0.87	17.7	0.02	0.46	0.21	2.01	61.5	2.96	0.01	52.2	248		
MAR18-04	55	56	1	W455866		3.23	15.3	0.02	3.02	0.63	11.65	197.5	2.78	0.07	442	2690		
MAR18-04	56	57	1	W455867		3.56	2.1	0.02	2.52	0.87	6.84	330	2.51	0.06	697	2260		
MAR18-04	57	58	1	W455868		1.23	1.4	0.02	0.48	1.63	1.39	90	2.49	0.02	154	468		
MAR18-04	58	58.85	0.85	W455869		0.36	0.3	0.02	0.04	0.83	0.16	40.2	2.25	0.01	70.6	207		
MAR18-04	58.85	59.35	0.5	W455870		0.66	1.5	0.02	0.06	0.85	0.65	53.4	1.97	0.01	42.9	134		
MAR18-04	Standard P4F			W455871	0.54	0.56	180.5	0.3	0.11	1.89	0.24	288	2.93	0.04	14.7	53		
MAR18-04	59.35	60.35	1	W455872		0.14	0.3	0.02	0.02	0.62	0.07	21.3	1.79	0.01	30.5	114		
MAR18-04	64.2	65.2	1	W455873		0.27	0.1	0.02	0.04	1.42	0.1	49.8	3.05	0.01	28.9	74		
MAR18-04	65.2	65.7	0.5	W455874		0.16	0.2	0.02	0.03	1.24	0.07	28.4	2.72	0.01	25.7	67		
MAR18-04	65.7	66.7	1	W455875		0.31	0.1	0.02	0.04	1.71	0.1	41.5	3.2	0.01	36	89		
MAR18-04	79.15	80.15	1	W455876		0.2	0.2	0.02	0.06	1.49	0.11	24.3	4.47	0.01	30.6	42		
MAR18-04	80.15	80.65	0.5	W455877		0.28	0.1	0.02	0.07	1.99	0.17	26.1	4.38	0.01	54.5	159		
MAR18-04	80.65	81.65	1	W455878		0.28	0.3	0.02	0.12	2.13	0.19	25.2	3.51	0.01	27.6	233		
MAR18-04	81.65	82.65	1	W455879		0.71	0.5	0.02	0.19	2.08	0.2	52.4	2.79	0.01	29.2	181		
MAR18-04	82.65	83.65	1	W455880		1.28	0.7	0.02	0.3	1.59	0.3	117	3.58	0.01	86.8	244		
MAR18-04	83.65	84.65	1	W455881		0.12	0.1	0.02	0.02	2.15	0.18	4.3	2.79	0.01	48.3	81		
MAR18-04	91	92	1	W455882		0.26	0.6	0.02	0.06	0.99	1.53	31	2.35	0.01	64.2	381		
MAR18-04	92	93	1	W455883		0.59	0.2	0.02	0.06	0.97	0.16	73.7	2.62	0.01	82.3	153		
MAR18-04	93	94	1	W455884		0.55	0.2	0.02	0.15	0.57	1.43	63	3.02	0.01	89	434		
MAR18-04	94	95	1	W455885		0.62	0.1	0.02	0.13	0.32	1.76	58.4	3.18	0.01	84.6	414		
MAR18-04	95	96.35	1.35	W455886		0.87	0.3	0.02	0.24	0.37	1.96	227	3.25	0.01	76	388		
MAR18-04	96.35	97.35	1	W455887		4.16	0.7	0.02	7.84	1.01	7.2	1090	3.29	0.03	92	2300		
MAR18-04	97.35	98.35	1	W455888		3.38	1.1	0.02	3.31	0.59	2.98	773	3.13	0.02	113.5	1540		

MAR18-04	98.35	99.35	1	W455889		31.8	0.8	0.02	50.3	0.25	31.5	578	2.35	0.31	3140	5360
MAR18-04	99.35	100.35	1	W455890		27.7	0.8	0.09	25.1	0.25	63.1	1350	2.89	0.5	1440	5460
MAR18-04	Blank			W455891		0.19	0.3	0.02	0.16	1.67	0.32	160.5	4.36	0.02	9.2	73
MAR18-04	100.35	101.35	1	W455892		4.56	0.3	0.02	4.05	0.33	24	292	2.81	0.06	291	586
MAR18-04	108.5	109.5	1	W455893		0.1	0.1	0.02	0.22	2.1	0.25	8.4	2.41	0.01	37.4	71
MAR18-04	109.5	110	0.5	W455894		0.88	0.4	0.02	0.21	0.98	0.18	225	3.1	0.01	18.1	63
MAR18-04	110	111	1	W455895		0.12	0.2	0.02	0.05	1.73	0.15	11.3	2.39	0.01	32.6	67
MAR18-04	115.45	116.3	0.85	W455896		0.22	0.1	0.02	0.08	1.59	0.12	22.7	2.44	0.01	43.5	104
MAR18-04	116.3	117.3	1	W455897		0.31	0.6	0.02	0.11	1.26	0.08	24.9	2.33	0.01	48.6	66
MAR18-04	117.3	118.3	1	W455898		0.78	2.1	0.02	0.28	1.08	0.08	46.1	2.59	0.01	37.6	56
MAR18-04	118.3	119.3	1	W455899		0.84	2.1	0.02	0.25	0.95	0.18	60.8	2.65	0.01	35.4	104
MAR18-04	119.3	120.3	1	W455900		0.63	0.8	0.02	0.08	0.78	0.15	30.5	2.62	0.01	41.3	123
MAR18-04	120.3	121.3	1	W455901		0.3	0.6	0.02	0.06	0.47	0.1	13.4	2.58	0.01	25.1	116
MAR18-04	125.5	126.5	1	W455902		0.35	0.1	0.02	0.03	1.66	0.08	27.1	3.86	0.01	65.8	119
MAR18-04	126.5	127.5	1	W455903		0.82	0.5	0.02	0.07	0.65	1.24	80.1	3.2	0.01	41.6	195
MAR18-04	127.5	128.5	1	W455904		2.19	0.6	0.02	2.2	0.75	21.6	139	2.07	0.03	354	3190
MAR18-04	128.5	129.5	1	W455905		0.65	0.2	0.02	0.05	1.2	0.24	50.2	3.07	0.01	79.4	154
MAR18-04	166	167	1	W455906		0.38	0.2	0.02	0.03	1.56	0.14	39.9	3.42	0.01	34.2	101
MAR18-04	167	168	1	W455907		0.25	0.3	0.02	0.01	1.65	0.15	37.8	3.22	0.01	49.6	98
MAR18-04	168	169	1	W455908		0.3	0.2	0.02	0.02	1.73	0.16	37.6	2.74	0.01	40.2	81
MAR18-04	169	170	1	W455909		0.28	0.4	0.02	0.01	1.45	0.12	34	3.26	0.01	46.2	89
MAR18-04	Standard P4F			W455910	0.461	0.69	170	0.75	0.11	1.83	0.24	285	2.88	0.02	13.9	53
MAR18-04	170	171	1	W455911		0.22	0.4	0.02	0.01	1.66	0.13	30.5	2.94	0.01	46.1	76
MAR18-04	171	171.6	0.6	W455912		0.19	0.1	0.02	0.01	2.31	0.13	27.8	3.37	0.01	54	84
MAR18-04	171.6	172.6	1	W455913		0.27	0.4	0.02	0.03	1.87	0.13	36	3.33	0.01	64.1	104
MAR18-04	172.6	173.6	1	W455914		1.14	0.8	0.02	0.11	1.67	0.22	79.7	2.8	0.01	45	195
MAR18-04	173.6	174.8	1.2	W455915		0.37	0.5	0.02	0.04	1.54	0.12	28.3	3.03	0.01	54.5	178
MAR18-04	174.8	176.1	1.3	W455916		0.44	0.5	0.02	0.05	1.96	0.12	39.9	3.08	0.01	54.6	181
MAR18-04	176.1	177.1	1	W455917		1.25	0.6	0.02	0.21	1.83	0.14	58.2	3.63	0.01	55.4	343
MAR18-04	177.1	178	0.9	W455918		0.26	0.3	0.02	0.03	1.55	0.07	28.2	2.67	0.01	46.5	105
MAR18-04	178	179	1	W455919		0.4	0.3	0.02	0.06	1.59	0.07	25.7	2.63	0.01	45.6	139
MAR18-04	179	180	1	W455920		0.68	0.3	0.02	0.09	1.76	0.08	52.5	3.12	0.01	46.7	127
MAR18-04	180	181	1	W455921		1.08	1.2	0.02	0.1	1.12	1.84	55.6	3.49	0.01	52.1	770
MAR18-04	181	182	1	W455922		0.67	0.4	0.02	0.05	1.33	1.12	34.7	3.15	0.01	64.4	327
MAR18-04	196.7	197.7	1	W455923		0.17	0.2	0.02	0.11	1.55	0.15	21.2	3.18	0.01	29.8	84
MAR18-04	197.7	198.7	1	W455924		0.33	0.5	0.02	0.13	1.01	0.13	39.1	5.95	0.01	17.1	62
MAR18-04	198.7	199.7	1	W455925		1.06	0.7	0.02	0.33	1.37	0.2	39.3	7.58	0.01	13	142
MAR18-04	199.7	200.7	1	W455926		0.96	0.7	0.02	0.3	1.56	0.17	41.9	6.88	0.01	14	120
MAR18-04	200.7	201.7	1	W455927		0.43	0.6	0.02	0.15	1.22	0.11	19.4	4.83	0.01	13.5	53
MAR18-04	201.7	202.7	1	W455928		1.19	0.4	0.02	0.5	1.05	0.14	70.5	7.52	0.01	14.5	56
MAR18-04	202.7	203.3	0.6	W455929		2.5	1.8	0.03	0.87	0.85	0.13	83.3	10.05	0.01	13.7	117

MAR18-04	Blank			W455930	0.05	0.1	0.02	0.02	1.79	0.04	150.5	4.11	0.01	0.5	42
MAR18-04	203.3	204.3	1	W455931	0.31	0.4	0.02	0.13	1.17	0.09	32.4	3.68	0.01	15.8	47
MAR18-04	204.3	205.3	1	W455932	0.15	0.2	0.02	0.07	1.25	0.06	19	3.12	0.01	12.5	47
MAR18-04	205.3	206.3	1	W455933	0.13	0.2	0.02	0.06	1.23	0.04	19.8	3.86	0.01	12.2	44
MAR18-04	206.3	207.3	1	W455934	0.18	0.1	0.02	0.08	1.05	0.05	16.8	3.35	0.01	10.7	46
MAR18-04	207.3	208.3	1	W455935	0.27	0.2	0.02	0.12	1.13	0.06	27.6	3.71	0.01	11.4	53
MAR18-04	208.3	209.3	1	W455936	0.25	0.1	0.02	0.07	0.98	0.05	39.1	3.46	0.01	10.3	62
MAR18-04	209.3	210.15	0.85	W455937	0.27	0.1	0.02	0.1	1.25	0.06	36.9	3.53	0.01	12.3	63
MAR18-04	210.15	211.15	1	W455938	1.2	0.9	0.02	0.56	0.84	0.14	32.6	4.88	0.01	10.8	69
MAR18-04	211.15	211.75	0.6	W455939	1.1	2	0.02	0.55	0.81	0.16	43.2	6.85	0.01	13	87
MAR18-04	211.75	212.55	0.8	W455940	2.68	11.2	0.02	0.89	0.62	0.1	52.7	8.58	0.01	10.8	59
MAR18-04	212.55	213.4	0.85	W455941	0.74	0.8	0.02	0.43	0.41	0.12	27.2	3.79	0.01	7.6	41
MAR18-04	213.4	214.4	1	W455942	0.55	0.4	0.02	0.3	0.59	0.13	20.4	7.6	0.01	10.9	33
MAR18-04	214.4	214.9	0.5	W455943	0.96	0.2	0.02	0.5	0.65	0.17	34.4	7.57	0.01	10.5	54
MAR18-04	214.9	215.9	1	W455944	0.59	0.4	0.02	0.27	0.5	0.11	24.5	5.05	0.01	8.5	22
MAR18-04	215.9	216.65	0.75	W455945	0.81	0.5	0.02	0.36	0.82	0.15	36.8	3.79	0.01	12.3	98
MAR18-04	216.65	217.65	1	W455946	0.34	0.3	0.02	0.17	0.75	0.07	27.2	4.3	0.01	11.4	53
MAR18-04	217.65	218.65	1	W455947	0.15	0.2	0.02	0.08	1.31	0.08	24.9	3.59	0.01	14.2	68
MAR18-04	228.8	229.8	1	W455948	0.29	0.1	0.02	0.14	1.02	0.07	46.8	3.12	0.01	6.7	40
MAR18-04	229.8	230.8	1	W455949	0.87	0.5	0.02	0.45	0.88	0.18	53.6	5.88	0.01	9.7	41
MAR18-04	230.8	231.8	1	W455950	0.24	0.2	0.02	0.11	0.78	0.05	24.1	3.31	0.01	5.7	48
MAR18-04	251.6	252.6	1	W455251	0.18	0.2	0.02	0.08	0.56	0.04	28.2	3.24	0.01	5.7	59
MAR18-04	252.6	253.1	0.5	W455252	0.06	0.2	0.02	0.03	0.54	0.03	13.7	1.21	0.01	2.8	22
MAR18-04	253.1	254.1	1	W455253	0.18	0.2	0.02	0.07	0.94	0.04	21.8	3.92	0.01	6.5	66
MAR18-04	260.4	261.4	1	W455254	0.12	0.3	0.02	0.1	0.73	0.03	49	3.7	0.01	2.9	36
MAR18-04	261.4	262.4	1	W455255	0.13	0.3	0.02	0.09	0.98	0.08	27.5	3.1	0.01	8.3	56
MAR18-04	262.4	263.4	1	W455256	0.15	0.2	0.02	0.08	0.65	0.04	21.4	3.9	0.01	5.3	39

MAR18-05		**458219**	**5586110**	**Depth 167m**	**Az. 140**	**Dip -50**
Line	**Station**	**800E**	**200S**	**Claim 115642**		
Drilled by	**Niigaani Drilling Inc.**			**Start/finish date**	**2018-03-04**	**2018-03-05**
Logged by	**Jordan Laarman**	**2018-03-08**		**NQ core stored at 1158A Russell St., Thunder Bay, ON**		

Type	Depth	Azimuth	Dip	Description	Invalid
Reflex	20	142	-49	mag 57584	no
Reflex	50	144.9	-49	mag 57361	no
Reflex	101	150.1	-48.3	mag 57884	no
Reflex	152	155.4	-47.6	mag 57460	no
Reflex	167	155.3	-46.9	mag 57453	no

corrected for mag declin of 5 deg W

From	To	Title	Percentage	Description	Angle	
0	**9.2**	**Casing**	**0**	**Casing. From 3.7 to 9.2m, there are common granodiorite, granite and mafic volcanic pebbles and two boulders of sheared granodiorite and gabbro.**		
8	13.5	Folded/deform		Deformed bands	40	
8.15	11.1	Quartz		Up to 5cm wide white quartz veins at 8% in deformed chlorite-sericite bands with fine grained pyrite in bands	40	pyrite 3%
8.3	13	Pyrite	3%	Fine grained disseminated pyrite in bands		
9.2	**167**	**Felsic volcanic**		**Medium grey, massive very fine grained, brown biotite altered felsic volcanic. From 8 to 13.5m, there are thin deformed sericite-chlorite bands and quartz veins. From 52.8 to 88m, the unit contains a very coarse patchy, mottled texture of biotite-sericite. There's a band of andalusite at 81m. Common sericite from 90.7 to 110m. There are thin salmon pink kspar veinlets from 103.3 to 103.9m in association with bull quartz veins. Biotite-sericite from 110 to 147m. There are garnets from 89 to 90.3m. From 114.84 to 124.8m, there are 5% up to 0.4cm wide pink garnets. From 147 to 152.1m, there is sericite alteration followed by biotite-sericite from 152.1 to 167m. Garnets from 141.1 to 146.7m. There's a thin dike of coarse green amphibole from 150.7 to 150.75m at 55 deg to CA.**		
14.7	15.8	Pyrite	3%	Fine grained pyrite in veinlets		
20	29.9	Pyrite	2%	Very fine grained disseminated pyrite in groundmass		
26	26.4	Calcite		Thin calcite veinlets		
29.7	30.5	Calcite		Up to 1cm wide calcite veinlets at 8%		
31.7	31.9	Calcite		0.6cm wide calcite veinlets at 7%		
32.55	32.8	Pyrite	1%	Very fine grained disseminated pyrite in groundmass		

33.6	34.3	Pyrite	2%	Very fine grained disseminated pyrite in groundmass	
35.4	36.5	Calcite		1.3cm wide calcite vein	
36	36.7	Pyrite	2%	Very fine grained disseminated pyrite in groundmass	
37.4	38			Broken, fractured core	
38.3	43.3	Pyrite	3%	Very fine grained disseminated pyrite in groundmass	
42.55	42.7	Quartz		1.3cm wide light grey quartz vein	25
43.3	46.6	Pyrite	1%	Very fine grained disseminated pyrite in groundmass	
47	77			Foliation	45
47.35	47.4	Pyrite	8%	Pyrite patches	
48.1	48.5	Pyrite	3%	Fine grained disseminated pyrite	
49.3	50.45	Pyrite	3%	Fine grained disseminated pyrite	
50.45	50.65	Chalcopyrite, pyrite	Cp06Py02	Interstititial chalcopyrite-pyrite	
50.65	59.4	Pyrite	2%	Very fine to fine grained disseminated pyrite in groundmass	
59.4	67.6	Pyrite	3%	Fine grained disseminated pyrite in groundmass	
67.6	68.8	Pyrite	5%	Up to 0.5cm wide pyrite stringers and disseminated pyrite	
68.8	72.4	Pyrite	2%	Very fine grained disseminated pyrite in groundmass	
77	88			Foliation	50
79.15	80.2	Chalcopyrite, pyrrhotite	Cp02P00.5	Fine grained chalcopyrite-pyrrhotite	
80.75	81	Chalcopyrite, pyrite	Cp02Py02	Very fine grained chalcopyrite-pyrite	
81	81.6	Chalcopyrite	2%	Fine grained chalcopyirte in bands	
82	82.65	Chalcopyrite	1%	Fine grained chalcopyrite	
82.8	83.3	Quartz		Up to 3cm wide white quartz veinlets	45
85.25	85.4	Chalcopyrite	2%	Fine grained chalcopyrite	
88	121			Foliation	60
96.05	96.2	Sphalerite, pyrite	Sp05Py02	1cm wide band of sphalerite and minor pyrite; fine grained disseminated pyrite	
98	98.8	Pyrite	3%	Fine to medium grained pyrite stringers	
98.8	98.9	Pyrite	15%	Fine to medium grained pyrite	
98.9	99.8	Pyrite	2%	Fine grained pyrite	
100.6	101	Quartz		Up to 10cm wide white quartz veins at 40%	40
103.2	103.3	Quartz		17cm wide white quartz vein	50
103.5	103.7	Pyrite	3%	Fine grained pyrite in 1cm wide bands	
103.5	103.6	Quartz		1.5cm wide white quartz vein	55
104.1	105.95	Pyrite	2%	Fine grained pyrite	
106	107.1	Pyrite, sphalerite	Py02Sp02	Pyrite-sphalerite stringers	
107.1	109.4	Pyrite	2%	Fine grained pyrite; band of sphalerite-pyrite at 109.35m	
112	112.1	Pyrite	3%	Fine grained pyrite	
120.3	120.6	Mafic dike		Green, chloritized mafic dike with common folded, contorted carbonate veinlets	60

120.8	121	Mafic dike		Green, chloritized mafic dike with common folded, contorted carbonate veinlets	60	
121	167			Foliation	55	
124	124.1	Pyrite	2%	Fine grained pyrite		
124.8	128.5	Pyrite	2%	Very fine to fine grained pyrite		
128.5	128.6	Chalcopyrite	2%	Fine to medium grained chalcopyrite		
128.6	132.9	Pyrite	2%	Very fine to fine grained pyrite		
132.7	132.8	Quartz, biotite		5cm wide vein of rose quartz and biotite	50	
133.5	133.6	Quartz		4cm wide vein of rose quartz		
134.1	134.5	Pyrite	3%	Very fine grained disseminated pyrite		
134.1	134.6	Quartz		Up to 14cm wide light grey to rose quartz veins at 33% with very fine grained disseminated pyrite		pyrite 5%
134.5	135.7	Pyrite, sphalerite	Py01Sp	Very fine grained pyrite, trace sphalerite		
135.5	136	Quartz		Up to 4cm wide rose quartz veinlets at 44%		
136.4	136.5	Quartz		4.5cm wide white quartz vein		
140.9	141	Pyrite	3%	Very fine grained pyrite in a band		
141.6	142.4	Pyrite	3%	Very fine to fine grained pyrite		
142.8	143.1	Pyrite	2%	Very fine grained pyrite		
143.7	144.5	Pyrite	2%	Very fine grained pyrite		
145.2	152.8	Pyrite	2%	Very fine grained pyrite		
150.4	150.95	Quartz		Up to 1.5cm wide light grey quartz and calcite veinlets at 12%	55	
151.6	151.8	Quartz		Up to 2cm wide light grey quartz veinlets at 18%	40	
152.8	154.55	Pyrite	3%	Very fine grained disseminated pyrite		
154.6	154.95	Chalcopyrite	2%	Fine to medium grained chalcopyrite in green amphibole mafic dike		
154.6	155	Mafic dike		Green, amphibolitized mafic dike with common folded, contorted carbonate veinlets	30	
155	161	Pyrite	3%	Very fine to fine grained disseminated pyrite in groundmass		
155.3	155.4	Quartz, biotite		3cm wide quartz vein with biotite on the side		
156.4	158.1	Quartz		Up to 5cm wide light grey quartz veinlets at 24%	60	
158.1	159.2	Quartz		1cm wide light grey quartz veinlets at 11%		
159.2	159.7	Quartz, calcite, chlorite		Up to 4cm wide white quartz-chlorite and calcite veins		
159.8	160	Quartz, chlorite, calcite		5cm wide white and green quartz-calcite-chlorite vein with salmon pink kspar on the rims	20	
160.5	160.9	Quartz		Up to 1.5cm wide light grey quartz veinlets at 23%		
160.9	161.2	Quartz		17cm wide white quartz-chlorite vein	35	
161	162	Pyrite	1%	Very fine grained pyrite associated with quartz vein and in groundmass		
162	164.85	Pyrite	3%	Very fine to fine grained disseminated pyrite in groundmass		
164.9	165.55	Pyrite	1%	Very fine grained pyrite		
165.6	165.95	Pyrite	2%	Very fine grained disseminated pyrite		

166	166.3	Pyrite	5%	0.5cm wide irregular stringers of pyrite
166.3	166.65	Pyrite	2%	Very fine grained disseminated pyrite
166.7	167	Pyrite	5%	0.2cm wide irregular stringers of pyrite

DDH	From	To	Width	Sample #	Au-ICP21 Au ppm	ME-MS41 Ag ppm	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Hg ppm	ME-MS41 Pb ppm	ME-MS41 Zn ppm	Cu-OG46 Cu %	Zn-OG46 Zn %
MAR18-05	9.15	10.1	0.95	W452921		3.13	1.8	0.02	3.72	0.16	2.65	219	3.46	0.01	169.5	1780		
MAR18-05	10.1	11.1	1	W452922		5.83	5.2	0.02	8.39	0.15	4.68	246	4.03	0.02	270	2240		
MAR18-05	11.1	12.2	1.1	W452923		2.77	4.5	0.02	4.06	0.11	5.82	123.5	3.06	0.02	100	2040		
MAR18-05	37	38	1	W452924		0.71	2	0.02	0.27	0.88	0.89	131	3.83	0.01	27.9	458		
MAR18-05	38	39	1	W452925		0.51	1.2	0.02	0.18	0.73	0.2	57.8	3.71	0.01	27.3	169		
MAR18-05	Standard P4F			W452926	0.498	0.54	183.5	0.65	0.13	2.01	0.26	300	3.06	0.03	14.4	55		
MAR18-05	39	40	1	W452927		0.45	0.9	0.02	0.16	0.76	0.36	57.9	3.51	0.01	39.4	247		
MAR18-05	40	41	1	W452928		0.49	1.5	0.02	0.18	0.75	0.18	46	3.61	0.01	32.3	179		
MAR18-05	41	42	1	W452929		0.51	1.8	0.02	0.23	0.88	0.17	33.6	3.91	0.01	29.9	186		
MAR18-05	42	43	1	W452930		0.39	0.9	0.02	0.19	1.45	0.31	21.8	3.55	0.01	56.8	287		
MAR18-05	43	44	1	W452931		0.48	0.5	0.02	0.08	1.13	0.18	29.5	3.26	0.01	46.4	160		
MAR18-05	44	45	1	W452932		0.75	0.3	0.02	0.07	0.6	0.15	38.1	3.31	0.01	35.2	187		
MAR18-05	45	46	1	W452933		0.68	0.2	0.02	0.06	0.31	0.23	59.9	3.54	0.01	56.2	240		
MAR18-05	46	47	1	W452934		1.21	0.2	0.02	1.3	0.31	1.1	48.1	3.48	0.01	191.5	570		
MAR18-05	47	48.1	1.1	W452935		1.04	0.9	0.02	0.21	0.22	0.34	111.5	3.42	0.01	66	560		
MAR18-05	48.1	48.5	0.4	W452936		2.7	0.9	0.02	0.97	0.17	1.52	483	4.19	0.01	102.5	982		
MAR18-05	48.5	49.3	0.8	W452937		2.64	1.9	0.02	1.69	0.24	5.11	284	3.01	0.01	121	1750		
MAR18-05	49.3	50.3	1	W452938		3.05	5.2	0.02	0.79	0.18	2.34	430	3.03	0.01	145.5	1670		
MAR18-05	50.3	50.65	0.35	W452939	0.868	239	4.9	0.57	1.4	0.21	107	26100	9.49	0.31	152.5	26600	2.61	2.66
MAR18-05	50.65	51.6	0.95	W452940		3.46	7.9	0.02	1.19	0.22	9.81	353	2.9	0.02	73.5	2170		
MAR18-05	51.6	52.6	1	W452941		1.12	3.1	0.02	0.16	0.38	0.27	97.7	3.34	0.01	79.6	248		
MAR18-05	52.6	53.6	1	W452942		0.65	2.8	0.02	0.1	0.48	0.14	48.5	2.81	0.01	63.1	168		
MAR18-05	53.6	54.6	1	W452943		0.75	2.8	0.02	0.29	0.42	2.33	54.8	2.75	0.01	63.5	448		
MAR18-05	54.6	55.6	1	W452944		0.93	1.3	0.02	0.12	0.41	0.18	70.8	2.77	0.01	51.5	196		
MAR18-05	55.6	56.6	1	W452945		0.7	0.7	0.02	0.19	0.53	2.7	33	2.86	0.01	45.7	405		
MAR18-05	Blank			W452946		0.06	0.3	0.02	0.02	1.78	0.05	158.5	4.46	0.01	0.8	46		
MAR18-05	56.6	57.6	1	W452947		0.95	2.2	0.02	0.15	0.67	0.22	54.1	3.15	0.01	53.6	269		
MAR18-05	57.6	58.6	1	W452948		0.96	1.8	0.02	0.08	0.5	0.2	42.4	3.1	0.01	65.5	348		
MAR18-05	58.6	59.6	1	W452949		0.82	2.5	0.02	0.22	0.41	0.32	36.2	2.71	0.01	138	335		
MAR18-05	59.6	60.6	1	W452950		0.95	2.5	0.02	0.08	0.49	0.22	47.6	3.23	0.01	68.3	224		
MAR18-05	60.6	61.6	1	W452951		0.4	3.2	0.02	0.1	1.3	0.31	14.1	3.14	0.01	78.8	180		
MAR18-05	61.6	62.6	1	W452952		0.38	2.6	0.02	0.11	1.19	0.23	14.1	3.59	0.01	70.8	185		
MAR18-05	62.6	63.6	1	W452953		0.89	2.9	0.02	0.14	0.47	0.17	28.3	3.69	0.01	52.3	176		
MAR18-05	63.6	64.6	1	W452954		0.94	4	0.02	0.19	0.36	0.21	28.4	3.64	0.01	58.2	207		
MAR18-05	64.6	65.6	1	W452955		1.16	3.2	0.02	0.16	0.38	0.41	32.9	3.75	0.01	97.6	354		
MAR18-05	65.6	66.6	1	W452956		1.86	4	0.02	0.18	0.28	0.38	49.8	4.41	0.01	104	273		
MAR18-05	66.6	67.6	1	W452957		1.03	7.1	0.02	0.11	0.3	0.3	71.9	2.5	0.01	96.8	256		
MAR18-05	67.6	68.8	1.2	W452958		2.62	12.6	0.02	2.28	0.17	0.92	132.5	3	0.01	213	1100		

MAR18-05	68.8	69.4	0.6	W452959		1.18	2.7	0.02	0.08	0.23	0.38	49.7	2.36	0.01	109.5	278	
MAR18-05	69.4	70.4	1	W452960		2.01	1.1	0.02	0.15	0.25	0.5	34.3	3.34	0.01	91	485	
MAR18-05	70.4	71.4		W452961		1.79	1.2	0.02	0.22	0.36	0.72	63.9	4.18	0.01	87.7	473	
MAR18-05	71.4	72.4	1	W452962		1.45	0.8	0.02	0.19	0.28	0.5	53.5	3.53	0.01	66.9	700	
MAR18-05	78.1	79.1	1	W452963		0.94	0.1	0.02	0.22	0.23	0.46	77.1	3.57	0.01	42.5	253	
MAR18-05	79.1	80.2	1.1	W452964		2.34	0.2	0.02	0.34	0.38	0.76	333	3.65	0.01	89.4	343	
MAR18-05	80.2	80.7	0.5	W452965		2.02	0.3	0.02	0.26	0.17	0.32	347	3.91	0.01	57	311	
MAR18-05	Standard P4F			W452966	0.464	0.61	182.5	0.49	0.13	1.93	0.28	300	3.07	0.04	14.1	56	
MAR18-05	80.7	81.6	0.9	W452967		12.95	0.5	0.02	9.24	0.59	35.6	687	3.88	0.07	159	5340	
MAR18-05	81.6	82	0.4	W452968		1.58	0.3	0.02	0.2	0.14	0.21	153.5	3.53	0.01	32.9	346	
MAR18-05	82	82.7	0.7	W452969		1.24	0.1	0.02	0.25	0.14	0.2	87.4	3.31	0.01	26.9	344	
MAR18-05	82.7	83.2	0.5	W452970		0.68	0.3	0.02	0.18	0.58	0.31	23.4	3.79	0.01	55.4	515	
MAR18-05	83.2	84.2	1	W452971		0.96	0.3	0.02	0.19	0.25	0.36	65.5	3.07	0.01	28.3	427	
MAR18-05	84.2	85.2	1	W452972		0.86	0.2	0.02	0.14	0.31	0.28	81	2.78	0.01	25.1	298	
MAR18-05	85.2	85.7	0.5	W452973		1.05	0.2	0.02	0.15	0.47	0.33	92.1	3.46	0.01	36.3	352	
MAR18-05	95	96	1	W452974		3.23	0.1	0.02	1.14	0.34	7.81	131.5	3.6	0.01	62	1130	
MAR18-05	96	96.3	0.3	W452975		6.22	0.3	0.02	1.34	0.2	89.6	319	3.63	0.04	57.9	10400	1.04
MAR18-05	96.3	97	0.7	W452976		2.42	0.2	0.02	1.44	0.23	3.47	157	3.05	0.01	58.7	1440	
MAR18-05	97	98	1	W452977		0.62	0.2	0.02	0.26	0.22	0.83	48.4	2.62	0.01	38.3	535	
MAR18-05	98	99	1	W452978		3.69	0.3	0.02	0.73	0.13	0.92	183	3.44	0.01	86.9	772	
MAR18-05	99	99.8	0.8	W452979		2.62	0.5	0.02	0.58	0.19	12.55	118.5	3.18	0.01	131.5	891	
MAR18-05	99.8	100.8	1	W452980		2.81	0.2	0.02	0.91	0.34	7.85	24.8	2.48	0.01	96.8	1320	
MAR18-05	100.8	101.8	1	W452981		1.03	0.4	0.02	0.06	0.27	0.26	56.8	2.91	0.01	90	393	
MAR18-05	101.8	102.8	1	W452982		1.07	0.2	0.02	0.07	0.18	0.3	68.8	2.62	0.01	49.2	334	
MAR18-05	102.8	103.4	0.6	W452983		0.88	0.1	0.02	1.16	0.26	0.32	6.7	3.15	0.01	218	625	
MAR18-05	103.4	103.8	0.4	W452984		1.09	0.3	0.02	0.48	0.23	0.64	76.3	3.36	0.01	157	438	
MAR18-05	103.8	104.9	1.1	W452985		0.05	0.3	0.02	0.02	1.55	0.05	153.5	4.19	0.01	0.9	45	
MAR18-05	Blank			W452986		1.35	0.2	0.02	0.33	0.16	1.65	98.1	2.9	0.01	100.5	666	
MAR18-05	104.9	105.95	1.05	W452987		3.63	0.1	0.02	0.66	0.16	5.01	274	3.6	0.01	465	710	
MAR18-05	105.95	107.1	1.15	W452988		12	0.7	0.02	5.28	0.29	23.6	395	3.24	0.05	2290	3870	
MAR18-05	107.1	108	0.9	W452989		2.92	0.2	0.02	1.64	0.21	3.19	254	2.62	0.01	72.2	800	
MAR18-05	108	109	1	W452990		1.2	0.2	0.02	0.14	0.24	2.84	93.1	2.36	0.01	42.3	484	
MAR18-05	109	109.6	0.6	W452991		1.37	0.2	0.02	0.18	0.21	19.1	111	2.54	0.04	24.7	2800	
MAR18-05	123.8	124.8	1	W452992		1.05	0.1	0.02	0.92	0.31	14	176	3.16	0.01	24.3	932	
MAR18-05	124.8	125.8	1	W452993		1.48	0.2	0.02	4.88	0.18	0.62	281	2.92	0.01	17	551	
MAR18-05	125.8	126.8	1	W452994		1.69	0.3	0.02	0.65	0.19	0.46	369	3.39	0.01	18.8	381	
MAR18-05	126.8	127.8	1	W452995		0.62	0.2	0.02	0.27	0.16	0.12	158.5	3.22	0.01	16.3	276	
MAR18-05	127.8	128.3	0.5	W452996		2.16	0.9	0.02	0.84	0.26	0.45	493	3.91	0.01	16.3	597	
MAR18-05	128.3	128.65	0.35	W452997		6.15	0.3	0.02	1.66	0.18	7.36	829	4.16	0.01	16.4	703	
MAR18-05	128.65	129.7	1.05	W452998		0.79	0.2	0.02	0.75	0.24	0.42	184.5	3.32	0.01	17.7	659	
MAR18-05	129.7	130.7	1	W452999		1.85	0.2	0.02	2.28	0.2	21	352	3.76	0.01	19.3	2610	

MAR18-05	130.7	131.8	1.1	W453000		1.68	0.3	0.02	3.71	0.18	0.52	308	3.31	0.01	16.2	370
MAR18-05	131.8	132.9	1.1	W455101		0.75	0.2	0.02	0.5	0.19	0.24	152.5	1.91	0.01	9.8	212
MAR18-05	132.9	134.1	1.2	W455102		0.25	0.2	0.02	0.26	0.17	0.08	46.6	0.69	0.01	6.7	54
MAR18-05	134.1	134.7	0.6	W455103		2.91	0.3	0.02	2.27	0.18	3.7	560	2.66	0.01	9	448
MAR18-05	134.7	135.6	0.9	W455104		3.2	0.1	0.02	0.82	0.16	6.5	304	2.24	0.01	10.2	657
MAR18-05	135.6	136.1	0.5	W455105		0.26	0.2	0.02	0.13	0.18	0.15	40.4	1.02	0.01	11.2	75
MAR18-05	Standard P4F			W455106	0.574	0.55	171.5	0.29	0.12	1.71	0.25	282	2.84	0.04	13.9	52
MAR18-05	140.6	141.6	1	W455107		0.7	0.3	0.02	0.4	0.29	0.39	91.3	3.12	0.01	17.3	369
MAR18-05	141.6	142.6	1	W455108		0.81	0.2	0.02	0.74	0.32	0.59	136	3.11	0.01	17.1	401
MAR18-05	142.6	143.65	1.05	W455109		0.82	0.1	0.02	2.52	0.27	1.59	84.9	2.83	0.01	11.8	351
MAR18-05	143.65	144.5	0.85	W455110		1.22	0.2	0.02	2.54	0.27	1.7	177.5	3.56	0.01	16.1	502
MAR18-05	144.5	145.2	0.7	W455111		1.82	0.2	0.02	0.74	0.29	4.28	220	3.54	0.01	17.7	604
MAR18-05	145.2	146	0.8	W455112		1.48	0.4	0.02	0.49	0.39	1.68	216	3.76	0.01	24.3	467
MAR18-05	146	147	1	W455113		1.05	0.3	0.02	0.31	0.37	0.53	68.8	3.14	0.01	16.9	293
MAR18-05	147	148	1	W455114		1.99	1	0.02	1.25	0.23	0.49	87.3	2.81	0.01	15.3	164
MAR18-05	148	149	1	W455115		1.41	1.1	0.02	1.11	0.26	0.4	47.6	2.58	0.01	27.6	155
MAR18-05	149	150	1	W455116		1.19	0.6	0.02	0.7	0.2	0.47	56.8	2.03	0.01	36.2	157
MAR18-05	150	151	1	W455117		0.97	0.2	0.02	0.57	0.32	0.49	95.1	2.09	0.01	21.4	238
MAR18-05	151	152	1	W455118		1.35	0.4	0.02	1.09	0.44	0.91	254	3.1	0.01	38	671
MAR18-05	152	152.8	0.8	W455119		0.8	0.2	0.02	0.66	0.27	1.12	182	3.13	0.01	24.1	508
MAR18-05	152.8	153.8	1	W455120		1.82	0.6	0.02	1.69	0.28	0.86	130.5	3.63	0.01	29.3	511
MAR18-05	153.8	154.55	0.75	W455121		3.01	0.2	0.02	1.47	0.35	3.11	518	3.23	0.01	22	500
MAR18-05	154.55	154.95	0.4	W455122		5.36	0.4	0.03	1.38	2.8	13.75	1490	1.44	0.08	19.1	2500
MAR18-05	154.95	156	1.05	W455123		1.64	0.5	0.02	1.14	0.4	2.35	359	2.93	0.01	21.2	1100
MAR18-05	156	157	1	W455124		0.53	0.3	0.02	0.52	0.67	1.31	81.1	3.01	0.01	41.4	462
MAR18-05	157	158	1	W455125		1.03	1.2	0.02	1.14	0.85	0.39	43	3.26	0.01	33	154
MAR18-05	Blank			W455126		0.04	0.4	0.02	0.02	1.5	0.06	151	4.35	0.01	0.6	44
MAR18-05	158	159	1	W455127		1.01	1.8	0.02	1.56	0.54	0.3	39.4	3.76	0.02	24.5	129
MAR18-05	159	160	1	W455128		0.8	0.8	0.02	1.13	0.56	0.45	69.3	3.3	0.01	59.6	221
MAR18-05	160	161	1	W455129		1.06	0.9	0.02	0.67	0.4	0.67	219	3.08	0.01	36.5	712
MAR18-05	161	161.3	0.3	W455130		0.49	0.1	0.02	0.22	0.7	0.53	87.9	2.02	0.01	22.8	791
MAR18-05	161.3	162	0.7	W455131		1.17	0.3	0.02	0.56	0.36	2.98	216	2.78	0.01	78.8	1600
MAR18-05	162	163	1	W455132		1.29	0.4	0.02	0.57	0.33	2.67	129.5	3.4	0.01	71.8	1100
MAR18-05	163	164	1	W455133		0.64	0.2	0.02	0.4	0.4	1.19	91.6	3.57	0.01	28.2	626
MAR18-05	164	164.85	0.85	W455134		0.84	0.4	0.02	0.91	0.39	3.72	124.5	3.59	0.01	22.4	854
MAR18-05	164.85	165.95	1.1	W455135		0.77	1.1	0.02	1.04	0.52	1.81	89.5	2.66	0.01	21.5	662
MAR18-05	165.95	166.3	0.35	W455136		1.32	3.8	0.02	1.45	0.52	14.15	39.3	3.31	0.01	53.4	2040
MAR18-05	166.3	166.65	0.35	W455137		0.48	1.2	0.02	0.52	0.37	0.73	47.8	2.36	0.01	16.3	621
MAR18-05	166.65	167	0.35	W455138		1.04	3.7	0.02	1.17	0.39	1.29	40.4	4.55	0.01	31.2	1160

MAR18-06		**458294**	**5586111**	**Depth 300m**	**Az. 140**	**Dip -50**
Line	**Station**	**875E**	**200S**	**Claim 115642**		
Drilled by		**Niigaani Drilling Inc.**		**Start/finish date**	**2018-03-06**	**2018-03-09**
Logged by		**Jordan Laarman P.Geo.**	**2018-03-12**	**NQ core stored at 1158A Russell St., Thunder Bay, ON**		

Type	Depth	Azimuth	Dip	Description	Invalid
Reflex	20	142.6	-51.2	mag 57199	no
Reflex	50	144	-51.7	mag 57396	no
Reflex	101	146.3	-51.9	mag 57368	no
Reflex	155	148.5	-51.7	mag 57171	no
Reflex	200	151.4	-51.4	mag 56916	no
Reflex	251	153.6	-50.5	mag 56753	no
Reflex	300	155.3	-50.3	mag 56741	no

corrected for mag declin of 5 deg W

From	To	Title	Percentage	Description	Angle	
0	**3.4**	**Casing**	**0**	**Casing.**		
3.4	**44.5**	**Felsic crystal tuff**		**Grey, fine grained, massive crystal tuff felsic volcanic with biotite-sericite alteration. There are scattered up to 20cm wide green, amphibolitized mafic dikes with associated quartz and carbonate veins on the sides of the dikes.**		
3.4	65.9			Foliation	40	
4.3	4.8	Pyrite	3%	Fine grained pyrite		
4.8	5.8	Pyrite	6%	Fine grained disseminated pyrite		
6	6.25	Pyrite	3%	Fine grained disseminated pyrite		
6.25	6.5	Pyrite	8%	Pyrite with quartz veins		
11	11.4	Quartz		Up to 7cm wide white quartz veins at 43% with 5% fine grained pyrite	50	pyrite 5%
11.1	11.5	Pyrite	2%	Fine grained pyrite in quartz veins		
11.5	11.6	Pyrite	10%	Fine to medium grained pyrite masses		
11.6	12.2	Pyrite	3%	Fine grained pyrite		
12.6	15.3	Pyrite	2%	Fine grained pyrite		
15.2	15.65	Quartz		Up to 30cm wide white quartz veins at 80% with fine grained pyrite and sphalerite		pyrite 3%, sphalerite 2%
15.3	15.65	Pyrite, sphalerite	Py03, Sp02	Fine grained pyrite and sphalerite		
20.5	20.9	Pyrite	1%	Fine grained pyrite		
20.7	20.9	Quartz, chlorite		20cm wide quartz-chlorite vein with very fine grained pyrite		pyrite 0.5%
20.9	21	Pyrite	3%	Fine grained pyrite		

21	22.9	Pyrite	1%	Very fine grained pyrite		
23	23.2	Pyrite	3%	Very fine grained pyrite in 1.5cm wide band		
23.2	23.6	Pyrite	0.5%	Very fine grained pyrite		
24.1	24.3	Pyrite	3%	Fine grained pyrite		
24.8	24.85	Pyrite	3%	Patch of very fine grained pyrite		
26.25	26.75	Pyrite	2%	Very fine grained pyrite		
26.75	27.6	Pyrite	6%	Very fine to fine grained disseminated pyrite		
26.75	27.1	Quartz		Up to 12cm wide grey quartz veins at 51% with fine grained pyrite	50	pyrite 5%
27.6	31.5	Pyrite	2%	Very fine grained disseminated pyrite		
32.3	34.5	Pyrite	3%	Very fine grained disseminated pyrite		
35.4	35.5	Quartz, chlorite		Light grey quartz veinlets with chlorite at 50%		
39.8	39.9	Quartz, calcite		Cream coloured quartz-calcite vein		
41.75	42.25	Pyrite	3%	Very fine grained disseminated pyrite		
42.9	43.2	Pyrite	2%	Very fine grained disseminated pyrite		
43.75	43.8	Pyrite	5%	Coarse patch of pyrite		
44.1	44.25	Pyrite	2%	Very fine grained pyrite		
44.5	**124.3**	**Felsic volcanic**		**Grey, very fine grained, massive felsic volcanic with biotite-sericite alteration. From 67.8 to 78m, there's a vein stockwork of quartz-sericite-carbonate veins. From 87.5 to 124.3m, there are scattered crackly silica-carbonate veinlets in the unit. From 104 to 104.85m, there are sericite bands at 40 deg to CA that host fine grained pyrite. At 123.8m, there's a dark grey pseudotachylite at 40 deg to CA at the upper contact with cataclystic breccia.**		
44.95	45.1	Pyrite	2%	Fine grained pyrite in chlorite		
45.9	46	Quartz, chlorite, sericite		3cm wide vein	30	
46.4	46.45	Pyrite	3%	Patch of fine grained pyrite		
47	47.15	Quartz		8cm wide white quartz vein	35	
47.35	47.4	Pyrite	2%	Very fine grained pyrite		
47.85	48.5	Pyrite	2%	Fine grained pyrite		
49	49.3	Quartz		1.5cm wide irregular quartz vein		
49.6	50	Pyrite	10%	Fine grained pyrite in quartz-chlorite vein		
49.8	49.95	Quartz, chlorite		Lighgt grey quartz-chlorite vein with up to 10% pyrite	30	pyrite 10%
51.5	51.9	Quartz, calcite		Up to 1.5cm wide quartz-calcite veinlets at 9%	15	
53	53.95	Quartz		Up to 25cm wide white quartz veins at 19%		
53.95	54.8	Pyrite	2%	Very fine grained pyrite		
56.15	56.4	Quartz		18cm white quartz vein with surrounding sericite	50	
56.9	62	Pyrite, sphalerite	3%	Very fine to fine grained pyrite; sphalerite at 57.95m		
62	65.1	Pyrite	3%	Fine grained pyrite		
67.35	67.9	Pyrite	2%	Very fine grained pyrite		

68.1	68.3	Quartz		7cm wide quartz-calcite vein	40
71.9	72.3	Quartz		Up to 3cm wide white quartz veins at 18%	35
72.7	74.1	Quartz, kspar, calcite		Stringy quartz-kspar-calcite veinlets at 22%	
77.1	77.7	Quartz, sericite		Thin quartz-sericite veinlets at 25%	
78.2	78.7			Broken, fractured core	
78.7	84			Foliation	45
83.6	83.8	Pyrite	2%	Fine grained pyrite veinlets	
84	124.3			Foliation	40
99.2	99.8	Pyrite	3%	0.7cm wide pyrite bands	
104.2	104.8	Pyrite	3%	Fine pyrite bands along foliated sericite	
105.7	107.1	Pyrite	2%	Very fine to fine grained pyrite	
112.8	112.85	Pyrite	5%	Fine pyrite bands at 40 deg to CA	
112.9	113.5	Pyrite	2%	Fine grained pyrite bands	
119.9	120.5	Pyrite	2%	Fine grained pyrite and bands	
122.2	122.7	Pyrite	3%	Up to 0.7cm wide bands of very fine grained pyrite	
124.3	**125**	**Cataclastic breccia**		**Fine to coarse grained, brecciated, foliated felsic volcanic.**	
124.3	125			Cataclastic breccia	
125	**300**	**Felsic volcanic**		**Grey, very fine grained, massive felsic volcanic. Unit is foliated at 40 deg to CA from 125 to 162m. Rare pyrite. Unit contains a mottled/patchy texture. There is 10% fine to medium grained porphyritic sericite from 147 to 166.5m. There are garnets from 162.6 to 164.7m. There are scattered areas of brown biotite in groundmass. There are coarse grained white tuff feldspars from 231.7 to 233.4m. From 265.6 to 268.7m, there are coarse grained quartz veins with coarse grained chlorite within and fine grained pyrite. These veins are X-cut by a late white quartz vein. Porphyritic coarse grained kyanite from 256.6 to 258.5m and from 264.6 to 266.8m. Garnets from 290 to 292m**	
125	126.2			Foliation	35
126.2	162			Foliation	40
127.4	127.6	Quartz, chlorite		3.5cm wide quartz-chlorite vein	20
128.9	129.9	Quartz		White quartz veins running along CA at 46%	
137.7	138.1	Pyrite	2%	Fine grained pyrite bands	
138.7	138.75	Pyrite	3%	Fine to medium grained pyrite	
143	143.2	Quartz, calcite		2cm wide cream coloured quartz-calcite vein along CA	
145	146.2	Pyrite	2%	Fine grained pyrite	
162	201.45			Foliation	50
181.3	182.1	Pyrite	1%	Very fine grained pyrite	
186.9	188	Pyrite	1%	Very fine grained pyrite	

201.5	201.55			Mylonite shear	40	
201.6	290			Foliation	50	
202.7	202.9	Quartz		Irregular quartz vein		
216.1	216.3	Quartz		4cm wide white quartz vein	25	
221.5	221.8	Pyrite	2%	Coarse cubic pyrite and very fine grained pyrite		
221.5	221.9	Quartz, calcite		Up to 2cm wide veinlets at 18%		
223.1	226.1	Quartz		Up to 3cm wide white quartz veinlets at 7%		
234.3	235	Mafic dike		Green, coarse chlorite bearing mafic dike	55	
249.3	249.65	Pyrite	2%	Fine grained pyrite		
256.3	256.45	Quartz, chlorite		14cm wide coarse grained quartz-chlorite vein with fine to medium grained pyrite		pyrite 2%
267.7	267.8	Quartz		6cm wide white quartz vein	40	
290	300			Foliation	60	
298	298	Pyrite	3%	Fine grained pyrite along foliation		
298	299.8	Pyrite	2%	Very fine grained pyrite		
298	298.2	Quartz, chlorite		16cm wide white quartz vein with chlorite within	65	

DDH	From	To	Width	Sample #	Au-ICP21 Au ppm	ME-MS41 Ag ppm	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Hg ppm	ME-MS41 Pb ppm	ME-MS41 Zn ppm	Cu-OG46 Cu %	Zn-OG46 Zn %
MAR18-06	3.5	4.3	0.8	W455139		1.59	1.5	0.02	0.03	1.88	0.13	43.7	3.45	0.01	148	188		
MAR18-06	4.3	4.8	0.5	W455140		3.28	1.3	0.02	0.05	1.92	0.13	79.1	3.86	0.01	181	258		
MAR18-06	4.8	5.8	1	W455141		13	4.2	0.05	0.53	0.8	4.93	208	4.34	0.02	2470	1550		
MAR18-06	5.8	6.5	0.7	W455142		7.28	6.5	0.02	0.6	1.32	8.17	292	3.05	0.02	2340	2710		
MAR18-06	6.5	7.5	1	W455143		1.8	2	0.02	0.01	1.17	0.36	85	2.52	0.01	177.5	249		
MAR18-06	7.5	8.2	0.7	W455144		2.48	1.8	0.02	0.02	1.13	1.5	40.4	2.96	0.01	366	604		
MAR18-06	8.2	9.1	0.9	W455145		1.14	1.3	0.02	0.02	1.47	0.16	34.2	2.84	0.01	168.5	187		
MAR18-06	Standard P4F			W455146	0.508	0.61	171	0.42	0.12	1.99	0.26	298	3.04	0.04	14.3	56		
MAR18-06	9.1	10	0.9	W455147		1.2	1.4	0.02	0.05	1.26	0.37	70.5	2.53	0.01	148	359		
MAR18-06	10	11	1	W455148		1.88	1.2	0.02	0.05	0.85	0.17	88.5	2.87	0.01	122	252		
MAR18-06	11	11.7	0.7	W455149		2.18	1	0.02	0.03	0.98	0.33	37	2.29	0.01	132.5	335		
MAR18-06	11.7	12.6	0.9	W455150		2.38	0.7	0.02	0.03	0.61	0.29	32.9	1.89	0.01	150	162		
MAR18-06	12.6	13.2	0.6	W455151		2.25	0.8	0.02	0.34	1.09	1.02	78.7	2.71	0.01	265	547		
MAR18-06	13.2	14.2	1	W455152		2.62	0.4	0.02	0.45	1.12	1.83	89.1	2.53	0.01	554	683		
MAR18-06	14.2	15.2	1	W455153		1.46	0.4	0.02	0.1	1.71	0.29	41.2	2.35	0.01	197.5	304		
MAR18-06	15.2	15.65	0.45	W455154		4.7	6	0.02	2.26	0.65	6.59	92.6	2.24	0.02	1610	2060		
MAR18-06	15.65	16.5	0.85	W455155		0.74	0.3	0.02	0.04	1.58	0.12	34	2.86	0.01	115.5	192		
MAR18-06	16.5	17.5	1	W455156		0.37	0.1	0.02	0.04	1.61	0.12	22	3.24	0.01	79.5	142		
MAR18-06	17.5	18.5	1	W455157		0.3	0.1	0.02	0.07	1.36	0.1	15.8	3.01	0.01	55.7	167		
MAR18-06	18.5	19.5	1	W455158		0.71	0.2	0.02	0.08	1.56	0.24	28.7	2.97	0.01	94.8	188		
MAR18-06	19.5	20.5	1	W455159		0.32	0.3	0.02	0.1	1.44	3.02	32.8	2.8	0.01	85.3	968		
MAR18-06	20.5	21.5	1	W455160		0.61	0.4	0.02	0.23	1.74	5.41	66.2	1.88	0.01	115	1480		
MAR18-06	21.5	22.5	1	W455161		0.69	0.3	0.02	0.06	2.28	0.17	25.8	2.98	0.01	82.3	135		
MAR18-06	22.5	23.2	0.7	W455162		0.55	0.4	0.02	0.05	1.58	0.13	35.1	2.67	0.01	46	108		
MAR18-06	23.2	24	0.8	W455163		0.3	0.3	0.02	0.04	1.99	0.14	23.3	3.17	0.01	60	133		
MAR18-06	24	24.5	0.5	W455164		0.7	0.6	0.02	0.08	1.91	0.18	56.2	3.84	0.01	59.9	175		
MAR18-06	24.5	25.5	1	W455165		0.26	0.2	0.02	0.05	1.75	0.19	23.7	3.08	0.01	74.3	174		
MAR18-06	Blank			W455166		0.05	0.3	0.02	0.02	2.01	0.05	154	4.5	0.01	1	46		
MAR18-06	25.5	26.25	0.75	W455167		0.26	0.3	0.02	0.09	1.08	0.16	36.5	1.86	0.01	45	128		
MAR18-06	26.25	26.9	0.65	W455168		1.46	1.3	0.02	0.73	1.44	0.96	104.5	2.24	0.01	152	776		
MAR18-06	26.9	27.75	0.85	W455169		3.43	23.9	0.02	2.3	0.69	4.79	133	4.89	0.01	493	1660		
MAR18-06	27.75	28.5	0.75	W455170		2.33	5.2	0.02	0.19	1.27	1.94	41.9	3.29	0.01	196	628		
MAR18-06	28.5	29.5	1	W455171		1.32	0.8	0.02	0.09	1.41	0.18	34.4	3.13	0.01	73.1	143		
MAR18-06	29.5	30.5	1	W455172		1.57	1	0.02	0.1	1.6	0.2	35.5	3.08	0.01	51.8	127		
MAR18-06	30.5	31.5	1	W455173		2.08	1.2	0.02	0.14	1.49	0.29	36.4	3.04	0.01	127	163		
MAR18-06	31.5	32.5	1	W455174		0.39	0.2	0.02	0.05	1.7	0.1	17.4	2.81	0.01	36.6	94		
MAR18-06	32.5	33.5	1	W455175		0.73	0.3	0.02	0.11	1.91	0.11	34	3.31	0.01	40.2	99		
MAR18-06	33.5	34.5	1	W455176		0.81	0.3	0.02	0.13	1.62	0.1	39.2	3.32	0.01	30.5	92		

MAR18-06	34.5	35.5	1	W455177		0.29	0.3	0.02	0.06	1.65	0.22	20.8	2.05	0.01	63.2	152
MAR18-06	41.7	42.3	0.6	W455178		0.38	0.5	0.02	0.07	1.42	0.19	60.9	3.24	0.01	49.7	147
MAR18-06	42.3	43.3	1	W455179		0.35	0.3	0.02	0.05	1.61	0.13	37.7	2.84	0.01	44.4	124
MAR18-06	43.3	44.3	1	W455180		0.12	0.4	0.02	0.03	1.19	0.08	12.2	2.43	0.01	35.7	112
MAR18-06	44.3	45.1	0.8	W455181		0.34	0.2	0.02	0.08	1.54	0.14	38.2	2.84	0.01	46.1	127
MAR18-06	45.1	46	0.9	W455182		0.25	0.4	0.02	0.14	1.03	0.07	26.8	2.14	0.01	18.4	69
MAR18-06	46	47	1	W455183		0.21	0.4	0.02	0.14	1.59	0.09	25.1	2.35	0.01	25.3	91
MAR18-06	47	47.8	0.8	W455184		0.31	0.1	0.02	0.36	0.51	0.07	48.9	2.26	0.01	27.6	93
MAR18-06	47.8	48.5	0.7	W455185		0.3	0.3	0.02	0.2	0.78	0.11	35.4	2.45	0.01	45.6	97
MAR18-06	Standard P4F			W455186	0.507	0.64	189	0.93	0.11	1.88	0.25	304	3.17	0.05	14.6	56
MAR18-06	48.5	49.6	1.1	W455187		0.17	0.1	0.02	0.15	1.17	0.09	20	1.97	0.03	34.4	82
MAR18-06	49.6	50	0.4	W455188		1.98	1.5	0.02	0.41	0.58	0.21	127.5	5.87	0.02	26.1	223
MAR18-06	53.3	53.95	0.65	W455189		0.22	0.5	0.02	0.09	2.46	0.15	14.9	1.88	0.02	60.4	157
MAR18-06	53.95	54.8	0.85	W455190		0.8	1.2	0.02	0.12	2.23	0.22	72.5	3.69	0.01	77.8	369
MAR18-06	54.8	55.9	1.1	W455191		0.21	0.4	0.02	0.17	1.79	0.27	23.3	1.2	0.01	54.9	244
MAR18-06	55.9	56.9	1	W455192		0.58	0.3	0.02	0.65	1.54	0.16	28.8	0.63	0.01	109.5	111
MAR18-06	56.9	58	1.1	W455193		7.31	0.9	0.02	10.75	1.45	6.78	127.5	3.07	0.01	1125	2300
MAR18-06	58	59.1	1.1	W455194		2.93	1.8	0.02	2.87	1.01	3.32	87.6	3.3	0.01	182.5	1320
MAR18-06	59.1	60.1	1	W455195		0.42	3.3	0.02	0.23	1.31	0.07	20.5	2.16	0.01	74.5	141
MAR18-06	60.1	61.1	1	W455196		0.29	7.7	0.02	0.33	1.35	0.07	16.7	2.04	0.01	68	86
MAR18-06	61.1	62.1	1	W455197		0.38	5.3	0.02	0.27	1.96	0.08	26	2.23	0.01	58.1	116
MAR18-06	62.1	63.1	1	W455198		0.45	2.4	0.02	0.2	1.41	0.08	46.1	2.77	0.02	59.7	127
MAR18-06	63.1	64.1	1	W455199		0.79	17.8	0.02	0.44	0.82	0.08	54.6	3.26	0.01	44.8	104
MAR18-06	64.1	65.1	1	W455200		0.66	6.2	0.02	0.37	2.86	0.09	142.5	3.06	0.01	40.2	104
MAR18-06	65.1	66	0.9	W455201		0.37	0.1	0.02	0.32	2.43	7.45	26.3	2.57	0.01	56.6	2180
MAR18-06	66	67	1	W455202		0.2	0.1	0.02	0.26	3.54	0.31	17.4	2.29	0.02	60.9	189
MAR18-06	67	67.8	0.8	W455203		0.37	0.5	0.02	0.3	1.81	0.63	29.2	2.56	0.01	100.5	322
MAR18-06	67.8	68.4	0.6	W455204		0.66	0.7	0.02	0.63	2.44	0.56	66.5	2.06	0.01	144	246
MAR18-06	68.4	69.2	0.8	W455205		0.39	0.2	0.02	0.68	0.52	0.09	14.1	2.39	0.02	37.2	121
MAR18-06	Blank			W455206		0.05	0.5	0.02	0.02	2.11	0.05	159	4.72	0.01	1.4	46
MAR18-06	69.2	70.2	1	W455207		0.66	0.1	0.02	1.07	1.26	0.56	12.4	1.98	0.02	65.2	287
MAR18-06	70.2	71.2	1	W455208		0.69	0.1	0.02	0.91	0.75	0.1	66.9	2.63	0.01	67.9	136
MAR18-06	71.2	72.2	1	W455209		2.28	0.2	0.02	3.44	0.56	2.64	43.4	1.63	0.01	421	957
MAR18-06	72.2	73.2	1	W455210		2.48	1.1	0.02	4.2	0.98	0.75	78.3	2.61	0.01	177	322
MAR18-06	73.2	74.2	1	W455211		0.76	1	0.02	0.92	0.69	0.37	81.7	2.49	0.01	66	192
MAR18-06	74.2	75	0.8	W455212		0.71	0.1	0.02	1.17	0.78	1.89	48.6	3.1	0.01	140.5	748
MAR18-06	75	76	1	W455213		1.44	0.2	0.02	2.03	0.67	7.39	102	2.86	0.02	319	2790
MAR18-06	76	77	1	W455214		0.35	0.1	0.02	0.37	0.51	0.58	84.3	2.89	0.01	37.4	299
MAR18-06	77	78	1	W455215		0.27	0.1	0.02	0.3	0.36	0.57	47	3.34	0.01	26.3	373
MAR18-06	103.1	104.1	1	W455216		0.75	0.2	0.02	1.07	0.67	0.72	28.9	2.88	0.01	147.5	509
MAR18-06	104.1	104.9	0.8	W455217		2.12	0.6	0.02	1.66	0.24	4.62	303	1.95	0.01	86	1400

MAR18-06	104.9	105.7	0.8	W455218		1.01	0.2	0.02	1.01	0.24	2.76	121.5	3.08	0.01	54.7	1520
MAR18-06	105.7	106.5	0.8	W455219		1.28	0.2	0.02	1.51	0.68	5.79	208	3.21	0.01	72	2470
MAR18-06	106.5	107.1	0.6	W455220		1.27	0.3	0.02	0.76	1.08	3.29	303	3.65	0.01	62.5	2270
MAR18-06	111.7	112.7	1	W455221		3.05	0.4	0.02	2.58	0.53	3.92	342	2.71	0.01	228	1330
MAR18-06	112.7	113.5	0.8	W455222		2.69	1.6	0.02	1.7	0.21	7.52	596	3.82	0.01	115	2890
MAR18-06	113.5	114.5	1	W455223		0.58	0.2	0.02	0.59	0.4	1.91	62.1	2.99	0.01	82	592
MAR18-06	118.9	119.9	1	W455224		0.57	0.1	0.02	0.77	0.21	1.54	50.8	3.27	0.01	16.4	666
MAR18-06	119.9	120.5	0.6	W455225		0.97	0.4	0.02	0.75	0.21	2.28	629	2.71	0.01	20.4	904
MAR18-06	Standard P4F			W455226	0.483	0.7	179	1.32	0.12	1.93	0.27	289	2.98	0.05	15	55
MAR18-06	120.5	121.5	1	W455227		0.64	0.2	0.02	0.84	0.21	6.98	127	2.5	0.02	25.2	2650
MAR18-06	121.5	122.15	0.65	W455228		0.32	0.1	0.02	0.36	0.29	2.76	262	2.22	0.01	18.1	1110
MAR18-06	122.15	122.9	0.75	W455229		1.21	0.5	0.02	0.83	0.24	7.86	358	2.98	0.03	23.8	2940
MAR18-06	122.9	123.9	1	W455230		1.17	0.1	0.02	1.17	0.39	3.52	236	2.17	0.02	31.3	1430
MAR18-06	145	145.9	0.9	W455231		3.37	0.2	0.02	5.73	0.53	0.83	263	4.94	0.01	55.4	454
MAR18-06	297	297.9	0.9	W455232		0.19	0.1	0.02	0.11	1.44	0.2	20.9	2.93	0.01	13.4	124
MAR18-06	297.9	298.3	0.4	W455233		0.42	0.3	0.02	0.33	1.68	0.29	47.9	2.71	0.01	17.6	98
MAR18-06	298.3	299	0.7	W455234		1.59	1.3	0.02	1.67	0.72	0.35	76.1	3.86	0.01	43.9	178
MAR18-06	299	300	1	W455235		0.75	0.5	0.02	1.01	0.84	0.24	33.7	3.31	0.01	16.6	145

MAR18-07		**458301E**	**5585850N**	**Depth 227m**	**Az. 140**	**Dip -50**
Line	**Station**	**875E**	**450S**	**Claim KK22808**		
Drilled by		**Niigaani Drilling Inc.**		**Start/finish date**		
Logged by		**J. Johnson P.Geo.**		**NQ core stored at 1158A Russell St., Thunder Bay, ON**	**12/03/2018**	**2018-03-16**

Type	Depth	Azimuth	Dip	Description	Invalid
Reflex	18	146.3	-50.4	Mag 56857	No
Reflex	50	148.6	-50	Mag 57769	No
Reflex	101	149.7	-50.6	Mag 56725	No
Reflex	152	151.9	-50.2	Mag 56989	No
Reflex	200	154.5	-50.2	Mag 56839	No
Reflex	227	157.8	-50.2	Mag 57726	No

corrected for mag declin of 5 deg W

From	To	Title	Percentage	Description	Angle
0	**3**	**Overburden**	**0**	**Overburden, bedrock possible starts at 2.20m**	
3	**15**	**Felsic Volcanic**		**Dark grey to grey in colour (chlorite alteration?). Intervals of tuffaceous/crystal tuffs occur. Patches of sericite+biotite occur, trace pyrite in unit. Rare blue quartz occurances. Pinkish garnets extremely rare. 4.85-5.00m irregular quartz vein with trace sulphides. 9.5-10.0m bleaching of core associated with 2 carbonate veinlets down CA. Sulphides increase at 14m.**	
14.1	16.28	Pyrite	1%	<1-1% pyrite+pyrrhotite	
15	**18.1**	**Felsic Volcanic**		**Grey to light grey colour. Unit has sporadic fragments <1cm in size with rare fragments up to 5cm. sericite alteration common but patchy. Sulphides disseminated with a band 16.28-16.36m of 80% py+pyrr+tr sph and 16.40-16.47m of 40% py+pyrr+tr cp. Distinct upper and lower contacts.**	
15.4			Foliation		40
16.28	16.47	Pyr+pyrr+sph+cp	60%	two bands 8cm wide of 80% py+pyrr+tr sph and 50% py+pyrr+tr cpy	
16.47	18.15	Pyrite	1%	pyrite disseminated or along foliation, tr pyrrhotite	
18.1	**22.9**	**Felsic Volcanic**		**As above at 3m.**	
22.9	**25.9**	**Felsic Volcanic**		**Grey in colour, sharp upper contact. Unit similiar to above but has lighter colour due to alteration(?) and weak brecciation evident.**	
25.9	**26.15**	**Fault Zone**		**Low angle fault @20 to CA, poor recovery.**	
26			Fault		20
26.15	**27.15**	**Felsic Volcanic**		**As above at 22.9m with minor silicification. Lower contact is distinct. <1% pyrite disseminated thru unit.**	

27.15	**59.35**	**Felsic Volcanic**		**As above at 3m. sericite patches and garnets are more prevalent than in above units. 30.5-31.1m 1-3% pyrite as blebs+disseminated. 33-44m unit is more massive. 55.48-55.68m & 56.80-56.95m distinct bands with >50% white felsic crystals/grains (crystal tuff or altered porphyry).**	
30.5	31.1	Pyrite	2%	1-3% pyrite as blebs and disseminated	
31.1	32	Pyrite	<1%	<1% pyrite finely disseminated with rare blebs	
40			Foliation		45
59.35	**61.7**	**Felsic Volcanic**		**Grey in colour (similiar to @15m). Sporadic fragments up to 5cm thru unit, bands/patches of dark grey material. Diss sulphides thru unit and a band of 30% py (trace cpy+sph) 60.40-60.54m. Contacts gradational.**	
59.4	60.4	Pyrite	1%		
60.4	60.54	Pyrite	20%	pyrite with trace chalcopyrite+sphalerite	
60.54	61.7	Pyrite	1%		
61			Foliation		45
61.7	**66.2**	**Felsic Volcanic**		**Dark grey colour. sericite common, pinkish garnets sporadically occur in bands.**	
62.5	68.1	Pyrite	1%	average 1% pyrite which occurs along foliation or as stringers, occassional bands; tr cpy+sph?	
66.2	**68.1**	**Felsic Volcanic**		**Light grey to grey in colour, siliceous. Fragments/bands of chert occur thru unit. Patchy occurances of sericite.Occassional thin bands of pyrite but majority of sulphides diss to blebs (average 1%).**	
68			Foliation		55
68.1	**81.9**	**Felsic Volcanic**		**Light grey, siliceous, with dark bands. Moderate to strong sericite thru unit, sporadic fractures with chlorite at irregular angles. Disseminated pyrite thru unit ~5%, bands/zones of increased sulphides occur within the dark bands and can contain up to 50% (pyrite+chalcopyrite+sphalerite). 76.5m a ~15cm interval of porphyry(?) at low angle.**	
68.1	81.35	Pyrite	5%	disseminated with bands <3cm of 10-15%	
69.75	70.4	Chalcopyrite+pyrite	40%	25% pyrite, 15% chalcopyrite, 5% sphalerite, semi-net textured	
71			Foliation		50
72.5	72.7	Pyrite	20%	15-20% pyrite, <5% chalcopyrite	
81.35	81.9	Pyrite	3%	2-3% disseminated pyrite	
81.9	**86**	**Felsic Volcanic**		**Dark grey, sericite patches common, rare blue quartz eyes. Similiar to 61.7m**	
81.9	85.7	Pyrite	<1%	<1% disseminated pyrite	

82			Foliation		40
86	**98.9**	**Felsic Volcanic, Crystal Tuff**		**Dark grey colour. Abundant 1mm crystals, weak sericite patches and biotite patches within unit. Trace sulphides along foliation planes. 86.25m 1-2cm fault @30 to CA.**	
86.25			Fault		30
92			Foliation		45
98.9	**107.8**	**Felsic Volcanic**		**Grey to dark grey. Unit has minor deformation. 103.0-103.2m brecciated crystal tuff/porphyry? 103.6-104.2m moderate silicification.**	
102			Foliation		50
107.8	**184**	**Felsic Volcanic**		**Grey, relatively massive with sporadic thin crystal tuffs and thicker intervals of darker fragments (more mafic or chlorite altered?). Disseminated <1% pyrite thru unit as well as patches and bands of <7% pyrite (minor pyrrhotite possible trace chalcopyrite) generally <5cm. Garnets appear 115m. 124.9-126.9m 5% pyrite diss+bands in a more silicified interval; possible stringer zone. 137m sericite increases in abundance. 140.2-140.44m light brown alteration is common, area is brecciated and contains irregular quartz vein. 152.4m a quartz vein is cut and offset by a band of sericite(+biotite) alteration. 156.9-158.4m bleachin of core, associated with carbonate+quartz veinlets @30CA. Appears more fragmental below 167m. 176.9-178.35m deformation/alteration zone with 3% pyrite stringers and orange-brown alt, fragmental; below zone rare thin ragged stringers of pyrite appear.**	
110			Foliation		40
118.2	119.2	Pyrite	2%	disseminated	
124.9	126.9	Pyrite	5%	disseminated to ragged bands of pyrite, minor pyrrhotite; stringer zone?	
128			Foliation		50
145			Vein	veinlet of sulphide	70
149	149.05	Pyrite	30%	pyrite+minor pyrrhotite(?)in band @ 60-70 CA	
152			Fracture	alteration along fractures	50
168			Vein	veinlet of sulphide	50
176.9	178.35	Pyrite	2%	disseminated to ragged bands of pyrite, minor pyrrhotite; stringer zone?	
179			Foliation		50
179.2	179.35	Pyrite	10%	diss to semi-net textured	
184	**184.6**	**Mafic Dyke**		**Grey, very fine grained mafic dyke with well developed chilled margins. Likely part of the diabase dykes of the area.**	

184			Contact	opposite foliation	40
184.6	**188.55**	**Felsic Volcanic**		**Grey with dark grey to black bands and mottled appearance. Numerous occurenances of pyrite as disseminated bands or thin ragged veinlets (stringers?). Sulphides associated with darker bands.**	
184.6	188	Pyrite	1%	1% over total interval as zones/bands 5-10cm wide of 3-10% diss to ragged veins; also <1cm ragged veinlets sporadically occur	
188.55	**195.55**	**Felsic Volcanic, massive**		**Grey, massive unit with slightly darker patches throughout unit. Small pink garnets thru unit.**	
195.55	**199.8**	**Felsic Volcanic, Fragmental**		**Grey to dark grey colour. Unit contains autolithic fragments as well as as lighter colour more felsic appearing fragments (result of alteration?).**	
199.8	**210.85**	**Felsic Volcanic**		**Grey to light grey, possible a fragmental with dark chloritized fragments thru unit. Below 204.3m unit is altered and deformed with intensity increasing down hole (contact metamorphism) towards lower, sharp contact. 204.3-205.0m irregular masses of pyrite with possible tr cpy, total <2% sulphides. 204.4-204.5m possible chert band or fragment.**	
201			Foliation		55
204.3	205	Pyrite	3%	pyrite (trace cpy?) disseminated bands to veinlets.	
210.85	**227**	**Diabase**		**Dark grey dyke, chilled upper contact. Medium grained 3-5% pyrite in top 20cm of unit. Generall massive.**	
227		**EOH**			

DDH	From	To	Width	Sample #	Au-ICP21 Au ppm	ME-MS41 Ag ppm	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Hg ppm	ME-MS41 Pb ppm	ME-MS41 Zn ppm	Cu-OG46 Cu %	Zn-OG46 Zn %
MAR18-07	3.5	4.5	1	W455257		0.25	0.2	0.02	0.04	0.22	0.27	17.3	3.47	0.01	29.5	253		
MAR18-07	4.5	5	0.5	W455258		1.3	0.5	0.02	0.13	0.25	0.79	91.2	4.89	0.01	41.8	481		
MAR18-07	5	6	1	W455259		0.64	0.4	0.02	0.4	0.17	3.77	41.2	2.83	0.01	39.3	342		
MAR18-07	13	14	1	W455260		1.32	0.1	0.02	0.18	0.7	3.63	30.4	3.05	0.02	895	944		
MAR18-07	14	15	1	W455261		4.18	0.4	0.02	2.18	0.26	7.22	189	3.29	0.02	1645	923		
MAR18-07	15	16	1	W455262		2.92	0.9	0.02	0.25	0.3	7	236	2.82	0.04	68.8	2490		
MAR18-07	16	17	1	W455263	0.095	10.05	0.5	0.34	1.47	0.15	51.4	595	4.06	0.49	81.8	12600		1.26
MAR18-07	17	18.1	1.1	W455264		1.56	0.7	0.02	0.44	0.34	1.37	64.4	1.39	0.01	102.5	289		
MAR18-07	18.1	19.1	1	W455265		1.19	0.4	0.02	0.6	0.84	2.23	35.8	2.77	0.01	342	178		
MAR18-07	19.1	20.1	1	W455266		0.21	0.2	0.02	0.04	0.64	0.09	11.2	3.14	0.01	23.5	107		
MAR18-07	20.1	21.5	1.4	W455267		0.37	0.4	0.02	0.07	1.58	0.2	33.7	2.95	0.01	39	130		
MAR18-07	21.5	22.9	1.4	W455268		0.31	0.4	0.02	0.18	1.01	0.08	24.2	3.03	0.01	33.9	107		
MAR18-07	22.9	23.9	1	W455269		1.98	1.7	0.02	3.69	8.19	0.21	41.5	5.86	0.01	98.9	351		
MAR18-07	23.9	24.9	1	W455270		3.29	2.7	0.02	4.81	5.85	3.26	182	4.97	0.01	134.5	761		
MAR18-07	24.9	25.9	1	W455271		0.91	0.7	0.02	1.29	2.6	0.27	13.8	3.03	0.01	36.7	241		
MAR18-07	25.9	26.9	1	W455272		4.38	3.3	0.02	8.72	4.3	0.65	119.5	3.85	0.01	111	267		
MAR18-07	26.9	28.2	1.3	W455273		0.59	0.5	0.02	0.74	1.12	0.38	66.8	3.66	0.01	135	436		
MAR18-07	28.2	29.5	1.3	W455274		1.32	0.3	0.02	1.62	0.24	0.59	149	3.16	0.01	118.5	192		
MAR18-07	29.5	30.5	1	W455275		0.75	0.3	0.02	0.16	0.78	0.77	90.3	3.42	0.01	182	274		
MAR18-07	30.5	31.1	0.6	W455276		1.89	0.2	0.02	2.15	0.84	1.53	122.5	3.02	0.01	458	444		
MAR18-07	Standard P4F			W455277	0.463	0.5	174	0.33	0.11	1.79	0.27	289	2.93	0.03	14.9	54		
MAR18-07	31.1	32.1	1	W455278		0.62	1.1	0.02	0.16	0.32	0.28	62.6	3.08	0.01	68.5	281		
MAR18-07	56.35	57.35	1	W455279		0.37	0.7	0.02	0.07	0.84	0.25	22.4	3.47	0.01	107.5	141		
MAR18-07	57.35	58.35	1	W455280		0.34	0.4	0.02	0.02	1.14	0.59	31.3	3.6	0.01	156	194		
MAR18-07	58.35	59.35	1	W455281		0.35	0.5	0.02	0.03	0.85	0.44	36.7	3.22	0.01	124.5	205		
MAR18-07	59.35	60.35	1	W455282		0.84	1.2	0.02	0.31	0.28	0.55	87.5	2.06	0.02	129.5	291		
MAR18-07	60.35	60.85	0.5	W455283	0.24	24.8	7	0.12	2.72	0.72	44.6	1090	6.43	0.84	13350	11900		1.19
MAR18-07	60.85	61.7	0.85	W455284		0.85	0.7	0.02	0.06	0.24	0.14	91.5	1.89	0.02	84.1	143		
MAR18-07	61.7	62.7	1	W455285		0.21	0.4	0.02	0.06	0.78	0.16	15.4	3.26	0.01	64.8	129		
MAR18-07	62.7	63.95	1.25	W455286		0.16	0.5	0.02	0.29	0.83	1.27	24	3.22	0.01	40.2	259		
MAR18-07	63.95	65.2	1.25	W455287		0.1	0.4	0.02	0.11	0.63	0.12	9.1	3.46	0.01	37.9	115		
MAR18-07	65.2	66.2	1	W455288		0.2	1	0.02	0.19	0.53	0.16	19.8	2.97	0.01	30.7	142		
MAR18-07	66.2	66.9	0.7	W455289		0.48	1.5	0.02	0.38	0.33	0.24	134	2.59	0.02	45.2	288		
MAR18-07	66.9	67.9	1	W455290		0.81	26.7	0.02	1.72	0.4	0.83	217	2.62	0.06	47.9	383		
MAR18-07	67.9	68.9	1	W455291		0.04	0.4	0.02	0.01	1.75	0.04	153	4.2	0.01	1.5	44		
MAR18-07	68.9	69.75	0.85	W455292		1.62	3.6	0.02	2.28	0.22	19.05	243	3.11	0.09	79	4760		
MAR18-07	69.75	70.4	0.65	W455293		0.5	4	0.02	0.17	0.18	0.38	57.3	1.42	0.01	47.9	358		
MAR18-07	70.4	71.4	1	W455294		0.61	5.8	0.02	0.59	0.32	1.19	95.3	1.45	0.03	47.6	521		

MAR18-07	71.4	72.4	1	W455295		2.42	19.3	0.02	1.98	0.22	3.11	212	2.44	0.07	62.6	2310
MAR18-07	72.4	73.4	1	W455296		7.14	24.5	0.02	11.5	0.15	12.85	252	2.22	0.11	292	3660
MAR18-07	Blank			W455297		0.82	28.8	0.02	0.61	0.14	0.33	137.5	2.5	0.01	23.5	223
MAR18-07	73.4	74.4	1	W455298		1.13	46.6	0.02	1.08	0.32	7.15	109	2.75	0.13	56.9	2180
MAR18-07	74.4	75.4	1	W455299		0.26	14.1	0.02	0.36	0.14	0.64	15.3	1.06	0.02	31.2	172
MAR18-07	75.4	76.4	1	W455300		0.53	14.7	0.02	0.39	0.37	0.7	23.9	1.69	0.02	43.7	311
MAR18-07	76.4	77.4	1	W455301		1.34	2.7	0.02	0.15	1.04	0.5	54.7	2.42	0.02	65.6	391
MAR18-07	77.4	78.4	1	W455302		0.42	2.3	0.02	0.05	1.82	0.13	25.1	2.18	0.01	59.7	114
MAR18-07	78.4	79.4	1	W455303		0.39	2.7	0.02	0.05	2.04	0.13	38.5	2.5	0.01	43.9	93
MAR18-07	79.4	80.4	1	W455304		1.29	2.7	0.02	0.33	0.58	1.22	108	2.66	0.02	117	646
MAR18-07	80.4	81.35	0.95	W455305		1.07	1.8	0.02	0.31	0.36	1.67	79.9	3.24	0.01	73.4	440
MAR18-07	81.35	81.9	0.55	W455306		0.68	1.1	0.02	0.1	0.27	0.15	87.5	3.6	0.02	37.2	224
MAR18-07	81.9	82.9	1	W455307		2	1.2	0.02	0.13	0.36	0.66	67.3	2.45	0.02	48.5	326
MAR18-07	82.9	83.9	1	W455308		1.85	1.5	0.02	0.48	0.2	0.26	292	4.15	0.01	70.9	527
MAR18-07	83.9	84.9	1	W455309		1.59	1.1	0.02	2.14	0.45	0.58	69.2	3.11	0.01	102.5	277
MAR18-07	109.2	110.2	1	W455310		0.86	1.4	0.02	0.15	0.76	0.13	51.6	4.21	0.02	54.3	147
MAR18-07	110.2	111.2	1	W455311		0.48	1.4	0.02	0.13	0.81	0.15	35.5	3.25	0.01	68.1	154
MAR18-07	111.2	112.2	1	W455312	0.633	0.53	166.5	0.3	0.13	1.84	0.23	287	2.93	0.03	14.2	53
MAR18-07	112.2	113.2	1	W455313		0.56	1.6	0.02	0.1	0.99	0.19	23.1	2.47	0.01	57.3	113
MAR18-07	113.2	114.2	1	W455314		1.11	1.8	0.02	0.24	0.41	0.27	52.5	3.57	0.02	32	201
MAR18-07	114.2	115.2	1	W455315		0.51	1.5	0.02	0.13	0.56	0.2	39.8	4.23	0.01	46.3	210
MAR18-07	115.2	116.2	1	W455316		0.31	1.3	0.02	0.1	0.63	0.18	39.3	3.22	0.01	57	180
MAR18-07	116.2	117.2	1	W455317		0.75	1.2	0.02	0.18	0.6	0.28	88.7	4.35	0.01	71.4	430
MAR18-07	Standard P4F			W455318		0.69	1.4	0.02	0.12	0.25	3.11	75.6	2.59	0.01	57.5	387
MAR18-07	117.2	118.2	1	W455319		0.93	4	0.07	0.35	0.25	2.7	129	3.16	0.01	73.7	1220
MAR18-07	118.2	119.2	1	W455320		2.87	21.4	0.02	2.08	0.24	1.07	251	4.43	0.01	225	1260
MAR18-07	119.2	120.2	1	W455321		3	4	0.02	1.23	0.25	3.42	327	8.39	0.04	151	5780
MAR18-07	120.2	121.2	1	W455322		1.95	28.4	0.02	0.9	0.12	1.33	282	10.15	0.01	65.3	768
MAR18-07	121.2	122.2	1	W455323		0.3	1	0.02	0.09	0.23	0.13	34.9	2.1	0.01	47.3	314
MAR18-07	122.2	123.2	1	W455324		0.37	1.1	0.02	0.12	0.23	6.21	55	2.03	0.02	66.6	610
MAR18-07	123.2	124.2	1	W455325		0.45	0.7	0.02	0.1	0.42	0.19	28.1	3.07	0.01	43.4	237
MAR18-07	124.2	124.9	0.7	W455326		7.5	1.9	0.02	0.56	1.62	1.01	163.5	6.21	0.01	65.9	490
MAR18-07	124.9	125.9	1	W455327		0.2	0.8	0.02	0.07	0.8	0.27	15.4	3.16	0.01	65.4	251
MAR18-07	125.9	126.9	1	W455328		0.3	0.9	0.02	0.13	0.76	0.47	21.5	3.07	0.01	70.2	226
MAR18-07	126.9	127.9	1	W455329		0.44	1.2	0.02	0.18	0.5	0.39	33	3.27	0.01	61.7	340
MAR18-07	127.9	128.9	1	W455330		1.07	4.1	0.02	0.54	0.24	0.46	67.3	5.49	0.01	35.3	1240
MAR18-07	132.5	133.5	1	W455331		0.22	1	0.02	0.13	0.72	0.54	21.9	3.42	0.01	95.1	333
MAR18-07	133.5	134	0.5	W455332		0.21	0.5	0.02	0.25	0.38	0.74	31.3	3.47	0.01	52.5	461
MAR18-07	134	135	1	W455333		0.05	0.3	0.02	0.02	1.77	0.05	159	4.22	0.01	0.9	45
MAR18-07	135	136.6	1.6	W455334		3.01	2.4	0.02	4.7	0.27	2.66	105	4.64	0.02	112	1230
MAR18-07	136.6	137.6	1	W455335		0.42	1	0.02	0.29	0.6	0.72	37.8	3.99	0.01	91.5	287

MAR18-07	137.6	138.1	0.5	W455336		0.73	1	0.02	0.22	0.38	0.22	82.7	3.72	0.01	35.6	298		
MAR18-07	138.1	139.1	1	W455337		1.33	5.4	0.02	0.65	0.43	0.66	138.5	6.18	0.01	24.5	457		
MAR18-07	139.1	140.15	1.05	W455338		0.28	1.1	0.02	0.08	0.57	0.37	38.7	3.95	0.01	31.8	238		
MAR18-07	Blank			W455339		0.59	1.2	0.02	0.66	0.49	0.68	75.6	4.67	0.01	71.1	191		
MAR18-07	140.15	140.65	0.5	W455340		0.05	0.4	0.02	0.08	0.72	0.07	10.6	3.05	0.01	5.3	61		
MAR18-07	140.65	141.65	1	W455341		0.03	0.4	0.02	0.02	0.51	0.11	3.9	2.98	0.01	10.8	113		
MAR18-07	148	149	1	W455342		0.05	0.6	0.02	0.04	0.57	0.18	19.2	3.7	0.01	27.6	176		
MAR18-07	149	149.5	0.5	W455343		0.43	1	0.02	0.12	0.29	0.19	55.7	3.84	0.01	17.7	144		
MAR18-07	149.5	150.5	1	W455344		0.27	0.9	0.02	0.05	0.48	0.28	40.5	2.38	0.01	23.8	226		
MAR18-07	155.9	156.9	1	W455345		0.52	1.2	0.02	0.1	0.3	0.15	64.9	2.83	0.01	18.4	112		
MAR18-07	156.9	157.9	1	W455346		0.35	1.5	0.02	0.07	0.57	0.13	30.9	2.46	0.01	28	160		
MAR18-07	157.9	158.4	0.5	W455347		0.84	2.1	0.02	0.26	0.46	0.16	86	3.9	0.01	32.5	272		
MAR18-07	158.4	159.4	1	W455348		0.72	5.6	0.02	0.3	0.33	0.12	44.4	4.05	0.01	23.7	218		
MAR18-07	166	167	1	W455349		0.45	2.2	0.02	0.11	0.4	0.09	23.4	2.52	0.01	26.3	135		
MAR18-07	167	168	1	W455350		1.33	10.4	0.02	0.49	0.82	0.14	54.5	3.26	0.01	36.8	251		
MAR18-07	168	169	1	W455351		3.07	7.6	0.02	0.63	0.81	97.7	648	5.47	0.39	32.2	25800		2.58
MAR18-07	171.9	172.9	1	W455352		0.4	23.3	0.02	1.25	0.2	0.21	26.5	3.88	0.06	16.2	209		
MAR18-07	172.9	173.9	1	W455353	0.548	0.65	183	0.44	0.12	1.9	0.26	296	3.01	0.04	14.1	57		
MAR18-07	173.9	174.9	1	W455354		0.36	31.6	0.02	1.39	0.18	0.16	20.1	2.83	0.01	13	178		
MAR18-07	174.9	175.9	1	W455355		0.59	17.8	0.02	1.41	0.18	0.09	48.7	3.63	0.01	22.5	335		
MAR18-07	175.9	176.9	1	W455356		0.83	9.2	0.02	0.94	0.32	10.25	102	4.1	0.04	24.9	2270		
MAR18-07	176.9	178.35	1.45	W455357		0.2	6.3	0.02	0.41	0.24	0.32	9	1.97	0.01	17.9	257		
MAR18-07	178.35	179.35	1	W455358		0.19	10.1	0.02	0.58	0.24	0.17	9.3	2.82	0.01	19.6	250		
MAR18-07	Standard P4F			W455359		0.36	1.2	0.02	0.05	1.24	0.14	83.5	4.01	0.01	6.3	75		
MAR18-07	179.35	180.35	1	W455360		0.36	21.4	0.02	0.79	0.21	0.17	38	4.43	0.01	25.3	233		
MAR18-07	180.35	181.35	1	W455361		0.4	14.5	0.02	0.8	0.23	0.15	60	4.03	0.01	41.6	293		
MAR18-07	181.35	182.35	1	W455362		0.18	6.8	0.02	0.31	0.23	0.11	27	3	0.01	31.1	229		
MAR18-07	182.35	183.35	1	W455363		0.25	2.7	0.02	0.2	0.33	1.24	28.7	3.21	0.01	33.3	409		
MAR18-07	183.35	184	0.65	W455364		0.74	0.4	0.02	0.53	0.24	1.32	184.5	3.15	0.01	9.3	573		
MAR18-07	184	184.6	0.6	W455365		5.56	1.1	0.02	1.41	0.69	15.65	1770	4.62	0.09	161.5	3950		
MAR18-07	184.6	185.6	1	W455366		0.72	0.7	0.02	0.62	0.27	1.01	135.5	2.96	0.01	29.2	431		
MAR18-07	185.6	186.6	1	W455367		0.91	0.4	0.02	0.36	0.26	6.36	335	2.62	0.02	69.8	2510		
MAR18-07	186.6	187.6	1	W455368		0.61	1.1	0.02	0.42	0.28	8.19	209	3.7	0.04	77.5	3320		
MAR18-07	187.6	188.6	1	W455369		0.12	0.4	0.02	0.13	0.24	0.08	22.9	3.09	0.01	5.2	54		
MAR18-07	203.3	204.3	1	W455370		0.05	0.8	0.02	0.18	0.26	0.05	5.1	4.28	0.01	4.7	41		
MAR18-07	204.3	205.3	1	W455371		0.01	0.3	0.02	0.05	0.3	0.02	3.1	3.17	0.01	1.2	31		
MAR18-07	205.3	206.3	1	W455372		0.14	0.4	0.02	0.05	1.2	0.01	62.3	5.91	0.01	3.7	45		
MAR18-07	206.3	207.3	1	W455373		0.12	0.1	0.02	0.01	1.27	0.02	81.2	4.77	0.01	1.9	44		
MAR18-07	207.3	208.3	1	W455374		2.32	14.3	0.02	2.34	0.11	22.3	505	1.31	0.57	18.3	5160	0.054	
MAR18-07	208.3	209.3	1	W455375		2.18	18.4	0.04	0.82	0.11	2.14	365	1.21	0.05	27.6	620	0.037	
MAR18-07	209.3	210.3	1	W455376	7.38	367	47.9	6.46	374	0.02	278	32000	7.03	7.49	1965	83500	3.2	8.35

MAR18-07	210.3	210.85	0.55	W455377	0.236	15.1	28.4	0.2	26.9	0.09	31.6	895	1.9	0.56	280	8740	0.094	
MAR18-07	210.85	211.35	0.5	W455378		9.47	32.3	0.04	10.9	0.1	33.3	390	2.48	0.24	303	4790	0.038	
MAR18-07	211.35	212.35	1	W455379		11.95	10.6	0.03	19.45	0.13	43.7	838	3.57	0.48	554	11750	0.082	1.175

MAR18-08		**458604E**	**5585200N**	**Depth 191m**	**Az. 330**	**Dip -50**
Line	**Station**	**1200E**	**1150S**	**Claim KK23034**		
Drilled by		**Niigaani Drilling Inc.**		**Start/finish date**		
Logged by		**J. Johnson P.Geo.**		**NQ core stored at 1158A Russell St., Thunder Bay, ON**	**17/03/2018**	**18/03/2018**

Type	Depth	Azimuth	Dip	Description	Invalid
Reflex	8	334.4	-50.9	Mag 53524	No
Reflex	50	331.5	-51.9	Mag 57236	No

corrected for mag declin of 5 deg W

From	To	Title	Percentage	Description	Angle
0	**1.5**	**Overburden**	**0**	**Overburden.**	
1.5	**9.05**	**Felsic Volcanic**		**Dark grey colour. Sporadic siliceous zones and thin quartz veinlets as well as thin sulphide veinlets along fractures till 7m. Foliation generally low angle. Possible a fragmental unit. Rare quartz eyes occur. Pink garnets to 4m.**	
1.5	7.5	Pyrite	1%	disseminated and rare veinlet along foliation	
5		Foliation			30
7.5	14.4	Pyrite	2-5%	disseminated and rare veinlet along foliation, variable	
9.05	**9.75**	**Felsic Volcanic, Tuff**		**Light grey to buff colour v.fg siliceous tuff. Rare grains/lapilli <1mm. Abundant disseminated pyrite along within bands.**	
9.5		Foliation			20
9.75	**12.2**	**Felsic Volcanic**		**As at 1.5m.**	
12.2	**17.5**	**Felsic Volcanic, Tuff**		**As above at 9.05m.**	
14.4	15	Pyrite	40%	bands of disseminated	
15	17.5	Pyrite	3-5%	variable disseminated, often in bands	
16		Foliation			15
17.5	**22.25**	**Felsic Volcanic**		**As at 1.5m.**	
17.5	19.6	Pyrite	1%	variable disseminated, often in bands	
19.6	21.5	Pyrite	3%	variable disseminated, often in bands	
21.5	22.8	Pyrite	1%	disseminated	
22.25	**23.4**	**Felsic Volcanic, Tuff**		**As above at 9.05m.**	
22.8	26	Pyrite	1-2%	disseminated	
23		Foliation			30
23.4	**31.35**	**Felsic Volcanic**		**As at 1.5m. Zones of possible altered crystal tuffs occur, crystals <1mm in size up to 40% by volume.**	

26	41.9	Pyrite	3-7%	variable disseminated, often in bands	
31.35	**32**	**Felsic Volcanic, Tuff**		**As above at 9.05m.**	
32	**37.4**	**Felsic Volcanic**		**As at 1.5m. Deformed bands of lighter colour (alteration) occur through unit. Unknown cause.**	
33.5		Foliation			25
35.35	35.7	Quartz		bull white massive	
37.4	**43.5**	**Felsic Volcanic, Tuff**		**As above at 9.05m with several thin bands of Felsic Volcanic within. Foliation much lower angle with many features down CA.**	
41		Foliation			2
41.9	42.8	Pyrite	15%	disseminated	
42.8	43.5	Pyrite	3-7%	variable disseminated, often in bands	
43.5	**45.15**	**Mafic Dyke**		**Possible mafic dyke. Dark grey to black, m to f gr. Upper contact within large brecciated quartz vein and lower contact is ground. Distinct from surrounding units. Low sulphide content.**	
43.5	45.15	Pyrite	<1%		
43.5	44	Quartz		brecciated white vein with <1% sulphides	
45.15	**58.7**	**Felsic Volcanic**		**Dark to light grey in colour, very similiar to at 1.5m. Unit has broad zones of colour variation representing minor changes in alteration and possible composition. Quartz(?)/felsic grains more common below 56m.**	
45.15	50.5	Pyrite	1-3%	disseminated	
48		Foliation			25
50.5	54.5	Pyrite	3-5%	variable disseminated, often in bands	
54.5	59	Pyrite	1-3%	disseminated	
56		Foliation			30
58.7	**60.1**	**Felsic Volcanic, Tuff**		**As at 37.4m.**	
59	59.2	Pyrite	10%	disseminated	
59.2	63	Pyrite	3%	disseminated	
60.1	**72.4**	**Felsic Volcanic**		**As at 45.15m. A bleaching of the core becins ~71m, carbonate+quartz veinlets occur as well.**	
63	65	Pyrite	1%		
66		Foliation			20
69.5		Fracture			5

72.4	**132.65**	**Felsic Volcanic, Fragmental**		**72.4-74.0m very poor recovery, possible fault with rounded and ground core but no gouge. Unit is grey to dark grey. Majority of clasts are dark (chloritized?) 1-6cm in size but felsic and quartz fragments occur. Sulphides very low and occur as rare irregular veinlets. Core angles very low angle to 86m and core is often badly broken in this interval. Bands of lapilli tuffaceous material occur thru unit. sericite alteration is weak to moderate and patchy. Biotite begins to occur below 95m as well as sporadic blue quartz eyes. Below 101m unit is more felsic/siliceous, patches of v.fg tuffaceous material occur. 127m to end of unit is relatively massive.**	
78		Foliation			10
88		Foliation			20
93.5	93.7	Pyrite	3%	disseminated bands	
93.7	107	Pyrite	1%	disseminated	
97		Foliation			20
107		Foliation			25
107	120	Pyrite	3-5%	disseminated	
116		Foliation			25
120	133	Pyrite	1%	disseminated	
122		Foliation			20
127		Foliation			35
132.7	**133.2**	**Mafic Dyke**		**Dark brown to black m.gr. Strong carbonate alteration, possible pyroxenes. Chilled contacts**	
133.2	**144.1**	**Felsic Volcanic, Fragmental**		**Continuation of unit from 72.4m. Intervals of lighter coloured rock with small, black crystals begin at 137m.**	
135		Foliation			20
135.4	141	Pyrite	2%	patches of disseminated	
141	144.1	Pyrite	<1%	disseminated	
144.1	**145.4**	**Felsic Volcanic, Tuff**		**Beige colour, f.gr. Abundant brecciated quartz veins or chert unit at strat of unit. Sulphides disseminated and within chlorite filled fractures.**	
144.1	145.4	Pyrite	2%	disseminated	
145.4	**169.3**	**Felsic Volcanic, Fragmental**		**As above. Several irregular white quartz veinlets from 147-148m, trace sulphides associated. 148.2-148.4m pyrite stringers. 148.9-149.1m grey to tan interval with sharp contacts, siliceous, possible chert. 153.6-155.5m several highly siliceous intervals varying from 30cm to 2cm wide band down core axis with pyrite. 168.5m to end of unit deformation increases.**	
145.4	156	Pyrite	<1%		

145.5		Foliation			5
152		Foliation			30
156	179.4	Pyrite	2%	variable disseminated, locally up to 5%	
161		Foliation			20
169.3	**179.4**	**Felsic Volcanic, Deformation Zone**		**Unit consists of intervals of Fragmental (as above) and Tuff (as above) strongly deformed with foliation highly variable. Several deformed white quartz veins in unit. Pink garnets occur thru unit.**	
179.4	**191**	**Volcanic, Fragmental (felsic)**		**Dark grey colour, relatively massive (no foliation) with clasts of more felsic material (often 2-10cm in size). Pink garnets <2mm common. sericite alteration+/-biotite highly variable.**	
191		**EOH**			

					Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Zn-OG46
					Au	Ag	As	Au	Bi	Ca	Cd	Cu	Fe	Hg	Pb	Zn	Cu	Zn
DDH	From	To	Width	Sample #	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	%
MAR18-08	7	8	1	W455380		0.75	11.6	0.02	0.02	1.54	0.15	48.1	3.58	0.01	15.7	125		
MAR18-08	8	9.05	1.05	W455381		0.44	12.1	0.02	0.02	1.44	0.13	25.2	3.46	0.01	16.6	57		
MAR18-08	9.05	9.75	0.7	W455382		0.3	19.6	0.02	0.02	0.68	0.05	16.9	3.44	0.01	8.6	14		
MAR18-08	9.75	10.75	1	W455383		0.24	10.3	0.02	0.01	1.75	0.09	9.9	3.24	0.01	18	40		
MAR18-08	13.4	14.4	1	W455384		0.8	19.3	0.02	0.02	0.54	0.14	83.3	4	0.01	11.6	153		
MAR18-08	14.4	15	0.6	W455385		0.18	55.1	0.02	0.04	0.36	3.12	5.5	13.55	0.01	14.4	349		
MAR18-08	15	16	1	W455386		0.25	25.3	0.02	0.02	0.23	0.32	12	3.43	0.01	10.6	47		
MAR18-08	41	42.1	1.1	W455387		0.64	27.2	0.02	0.14	0.51	1.69	45.4	3.66	0.01	36.6	296		
MAR18-08	42.1	42.8	0.7	W455388		0.37	23.8	0.02	0.07	0.51	0.12	26.7	3.78	0.01	37.7	188		
MAR18-08	42.8	43.5	0.7	W455389		0.46	14.2	0.02	0.1	0.58	0.2	65.3	3.67	0.01	25.5	154		
MAR18-08	43.5	44.5	1	W455390		0.83	2.9	0.02	0.38	3.71	0.11	40.4	2.2	0.01	9.1	52		
MAR18-08	44.5	45.5	1	W455391		0.23	1.2	0.02	0.14	2.45	0.11	19.5	1.96	0.01	21.2	42		
MAR18-08	92	93	1	W455392		0.37	1.3	0.02	0.03	1.63	0.07	28.8	3.14	0.01	10.8	67		
MAR18-08	93	94	1	W455393		0.51	3.5	0.02	0.13	1.37	0.07	29.4	3.11	0.01	10.4	61		
MAR18-08	94	95	1	W455394		0.52	1.6	0.02	0.05	1.83	0.1	27.3	3.25	0.01	11.4	71		
MAR18-08	143.1	144.1	1	W455395		0.41	2.4	0.02	0.31	0.89	0.55	105.5	3.46	0.01	32.6	298		
MAR18-08	144.1	144.75	0.65	W455396		1.49	20	0.02	1.68	0.31	13.85	20.1	1.54	0.08	81.5	3430		
MAR18-08	144.75	145.4	0.65	W455397		1.85	38.2	0.02	3.83	0.47	1.26	9.9	2.55	0.01	155	315		
MAR18-08	145.4	146.4	1	W455398		0.62	3.5	0.02	0.66	0.53	0.3	50.7	3.43	0.01	27.9	346		
MAR18-08	146.4	147.4	1	W455399		0.28	1.1	0.02	0.25	1.29	0.11	27.4	3.24	0.01	21.6	154		
MAR18-08	Standard P4F			W455400	0.603	0.53	170	0.46	0.13	1.79	0.25	278	2.85	0.03	14.1	51		
MAR18-08	147.4	148.4	1	W455401		0.78	1.6	0.02	0.9	0.72	0.15	34	4.37	0.01	18.2	81		
MAR18-08	148.4	149.4	1	W455402		0.4	1.5	0.02	0.42	1.61	0.04	70.9	3.36	0.01	5.7	50		
MAR18-08	149.4	150.6	1.2	W455403		0.23	1	0.02	0.23	0.87	0.07	22.9	2.81	0.01	8.7	76		
MAR18-08	150.6	151.75	1.15	W455404		0.48	1.2	0.02	0.26	0.85	0.09	45.6	3.32	0.01	9.6	72		
MAR18-08	151.75	152.75	1	W455405		0.39	0.7	0.02	0.16	0.65	0.08	31	2.78	0.01	6.6	83		
MAR18-08	152.75	153.75	1	W455406		0.55	1.2	0.02	0.36	0.56	0.09	38.6	3	0.01	7.6	82		
MAR18-08	153.75	154.75	1	W455407		0.58	1.9	0.02	0.47	0.65	0.09	23	2.81	0.01	14.6	83		
MAR18-08	154.75	155.75	1	W455408		0.63	1.1	0.02	0.24	0.45	0.11	33.3	3.19	0.01	8.4	158		
MAR18-08	168.35	169.35	1	W455409		0.56	4.5	0.02	0.34	0.79	0.24	59.3	3.33	0.01	28.6	187		
MAR18-08	169.35	170.35	1	W455410		0.46	27.1	0.02	0.93	0.52	0.92	42.6	2.88	0.01	33.8	244		
MAR18-08	170.35	171.35	1	W455411		0.24	25.2	0.02	1.31	0.57	1.15	2.3	2.8	0.01	21.8	114		
MAR18-08	171.35	172.35	1	W455412		0.17	8	0.02	0.43	1.87	0.4	11	2.97	0.01	38.8	177		
MAR18-08	172.35	173.35	1	W455413		0.28	3.4	0.02	0.26	1.5	0.29	24.5	2.89	0.01	28.6	159		
MAR18-08	173.35	174.4	1.05	W455414		0.24	6.6	0.02	0.44	1.2	0.27	11.3	2.69	0.01	26.2	129		
MAR18-08	174.4	175.4	1	W455415		0.36	0.5	0.02	0.08	0.37	0.57	36.4	3.51	0.01	82.2	169		

MAR18-09		458604E	5585200N	Depth 125m	Az. 45	Dip -50
Line	Station	1200E	1150S	Claim KK23034		
Drilled by		Niigaani Drilling Inc.		Start/finish date		
Logged by		J. Johnson P.Geo.		NQ core stored at 1158A Russell St., Thunder Bay, ON	18/03/2018	19-03-2018
Type	Depth	Azimuth	Dip	Description	Invalid	

corrected for mag declin of 5 deg W

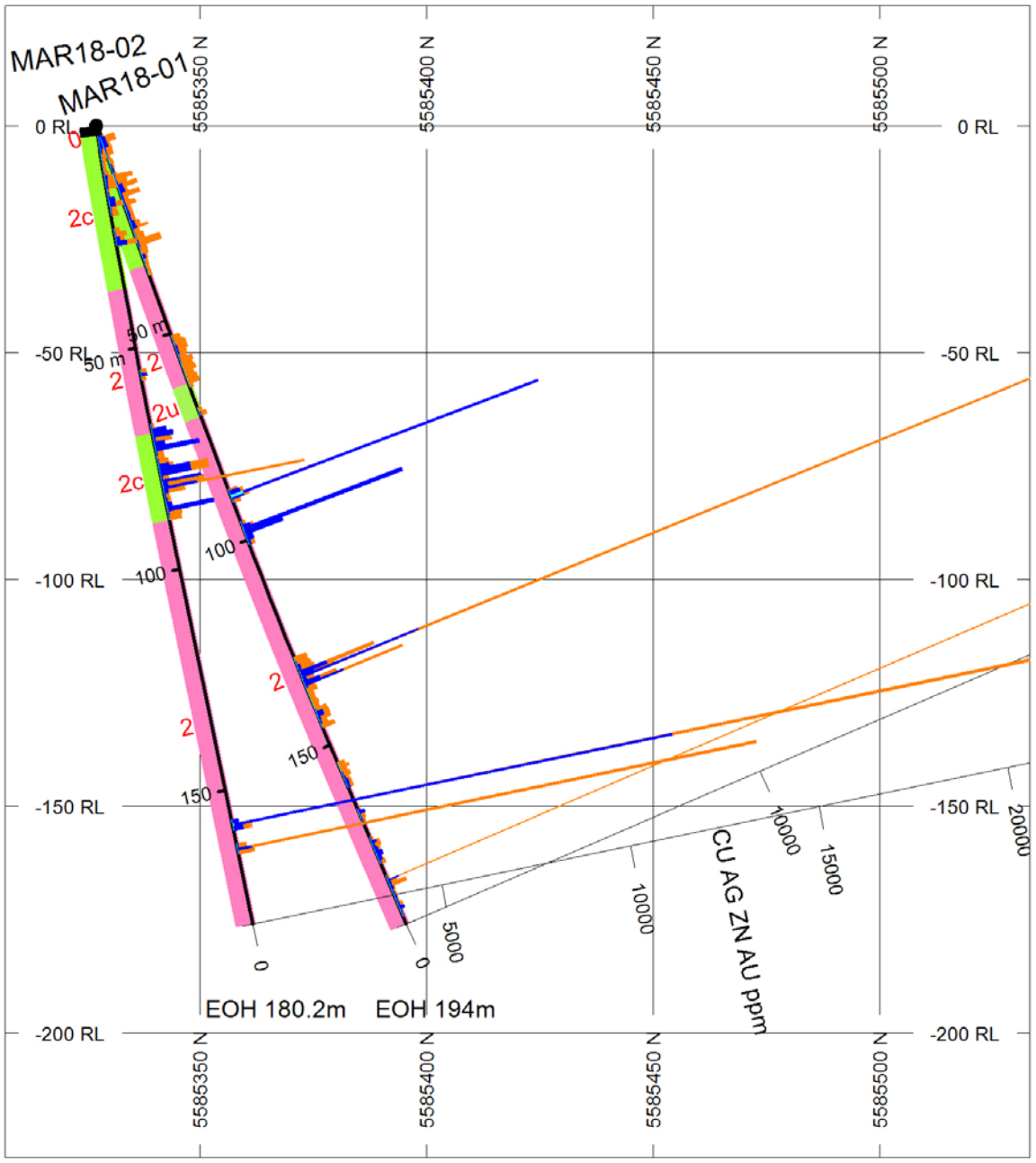
From	To	Title	Percentage	Description	Angle
0	0.8	Overburden	0	Overburden	
0.8	13.15	Felsic Volcanic		Grey to dark grey colour. Weak to moderate sericite alteration, sporadic siliceous zones. Sulphides low and occur along fractures. 1.7m oxidized fracture. 9-11m rock is lighter colour and has a tuffaceous appearance.	
7.5		Foliation			10
10.5	14	Pyrite	<1%	disseminated	
13.15	17.6	Felsic Volcanic, Tuff		Light grey to tan colour. Numerous black (chlorite?) wisps/veinlets through unit, often associated with disseminated pyrite bands. Rare flattened lapilli.	
14	17.2	Pyrite	3-5%	bands of disseminated	
17		Foliation			15
17.2	17.35	Pyrite	70%	disseminated	
17.35	26.95	Pyrite	1%	bands of disseminated	
17.6	19	Felsic Volcanic		as at 0.8m.	
19	21.7	Volcanic (Felsic)		Dark grey, relatively massive. Nmerous pink garnets. Upper contact is gradational, lower contact is distinct.	
21		Foliation			25
21.7	26.95	Felsic Volcanic		as at 0.8m.	
26.95	27.45	Felsic Volcanic, Tuff		As above at 13.15m.	
26.95	27.45	Pyrite	2%		
27.45	34.25	Felsic Volcanic, Fragmental		Grey to dark grey colour. Light grey fragments, normally oblong shaped, with a dark matrix (chlorite rich) comprise majority of unit with few relatively massive intervals. 31.1-31.3m two veins of carbonate+sulphides, much carbonate dissolved.	
27.45	32.2	Pyrite	<1%	bands of disseminated	

32.2	32.5	Pyrite	10%		
32.5	35.5	Pyrite	<1%	possible cpy at 34.7m	
34.25	**35.55**	**Felsic Volcanic, Tuff**		**As above at 13.15m. Possible chalcopyrite at 34.7m.**	
35.3	38.7	Pyrite	3-5%	bands of disseminated	
35.55	**39.4**	**Felsic Volcanic, Fragmental**		**As at 27.45m**	
38		Foliation			5
38.7	39.15	Pyrite	20%		
39.15	43	Pyrite	2-5%	bands of disseminated	
39.4	**45.25**	**Felsic Volcanic**		**Dark grey colour. Minor occurrences of bleached/lighter coloured wavy bands (beds, fragments or alteration along fracutures?).**	
43	53.3	Pyrite	1%		
45.25	**58.8**	**Felsic Volcanic with Tuffs**		**Light grey colour. Unit consists of tuffaceous beds with intervals of more massive volcanics, often the contacts are gradational or diffues. 45.25-45.40m very silicous band.**	
50		Foliation			5
53.3	62.55	Pyrite	2-3%	bands of disseminated	
58.8	**62.55**	**Felsic Volcanic, Tuff**		**As above. Lower 60cm baked and brecciated.**	
61		Foliation			25
62.55	**64.4**	**Mafic Dyke**		**Dark grey, m.gr. Moderate carbonate alteration, sporadic quartz+carb veins. Pyrite blebs at start of unit. Upper contact chilled, lower contact has a 20cm baked/chilled zone (undetermined if intrusive or country rock).**	
62.55	62.7	Pyrite	1%	blebs	
64.4	**76.2**	**Felsic Volcanic, Tuff**		**As above with a grey to dark grey colour (chlorite alteration?). 68.2-69.9m lighter coloured, more typical tuff. 68.8m thin fault @ 20 CA. 74.5m to end of unit is more massive. Lower contact is distinct and at 80 to CA.**	
65	68.2	Pyrite	<1%		
68.2	69.9	Pyrite	7%	bands of disseminated	
68.8		Fault		1-3mm wide	20
69.9	77	Pyrite	2%	disseminated	
70		Foliation			15

76.2	**80.5**	**Felsic Volcanic, Fragmental**		**Dark grey to grey colour. Majority of fragments dark grey (chlorite altered) with lesser lighter grey and siliceous, quartz and chert fragments. Lower contact is gradational with decrease in fragments (only dark mafic ones persist) and change to light grey with lapilli.**	
77	79	Pyrite	3-5%	possible tr cpy at 78.5m	
79	83	Pyrite	1-2%		
80.5	**108.5**	**Felsic Volcanic, Tuff**		**As above, sericite alteration moderate to strong. Brecciated quartz vein or large clasts 83.4m & 84.2m. 84.5m 2 occrrences of 5x40mm f.gr. Pyrite, possible clasts? 86.2-88m core is broken/split mostly down CA possible due to competance difference between Tuff and more siliceous, massive unit; contact of which porpoises in and out of core. 100m cherty clasts become fairly common, often rimmed by chlorite. 105.5-106.8m bands of dark, fgr material with small pink garnets occur, beds of volcanic material.**	
83	84	Pyrite	10%	bands of disseminated	
84	93	Pyrite	1-2%		
85		Foliation			20
93	106.5	Pyrite	3-5%		
106.5	108.5	Pyrite	5%		
108		Fracture		fracture/foliation	30
108.5	**120.7**	**Felsic Volcanic, Fragmental**		**Grey to dark grey colour. Fragments drk grey (chloritized), cherty, and light grey felsics. Most fragments 2-8cm, rare intervals have a ground mass consisting of 1-2mm glassy grains.**	
108.5	119	Pyrite	2-3%		
119	125	Pyrite	3-7%	variable	
120.7	**125**	**Felsic Volcanic, Fragmental (siliceous)**		**Grey colour. Majority of unit 1-2mm glassy looking siliceous grains/fragments. Unit is strongly silicified. 121-123.4m nmerous cherty fragments 2-4cm.**	
123	125	Chalcopyrite	trace	disseminated	
125		**EOH**			

DDH	From	To	Width	Sample #	Au-ICP21 Au ppm	ME-MS41 Ag ppm	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Hg ppm	ME-MS41 Pb ppm	ME-MS41 Zn ppm	Cu-OG46 Cu %	Zn-OG46 Zn %
MAR18-09	8	9	1	W455416		2.13	3.2	0.02	0.02	0.6	0.19	29.9	2.83	0.01	23.4	121		
MAR18-09	9	10	1	W455417		1.75	7.3	0.02	0.04	0.54	0.06	40.4	3.96	0.01	7.9	50		
MAR18-09	10	11	1	W455418		1.16	10.8	0.02	0.05	0.75	0.06	46.3	5	0.01	11	66		
MAR18-09	14.6	15.6	1	W455419		0.38	10.8	0.02	0.03	0.32	0.06	23	3.79	0.01	25.1	47		
MAR18-09	15.6	16.6	1	W455420		0.4	9.2	0.02	0.01	0.27	0.04	16.3	3.41	0.01	24.6	53		
MAR18-09	16.6	17.6	1	W455421		0.86	28.3	0.02	0.02	0.86	0.29	38.7	8.11	0.01	94.4	144		
MAR18-09	17.6	18.6	1	W455422		1.48	16.5	0.02	0.01	0.36	0.27	22.7	2.99	0.01	110.5	244		
MAR18-09	30.25	31.25	1	W455423		1.19	4.2	0.02	0.01	1.79	0.22	48.7	3.39	0.01	54.5	167		
MAR18-09	31.25	32.25	1	W455424		1.72	6	0.02	0.03	1.94	0.24	48.1	3.83	0.01	52	85		
MAR18-09	32.25	33.25	1	W455425		1	16.2	0.02	0.05	1.85	0.17	27.9	4.59	0.01	58.8	97		
MAR18-09	33.25	34.25	1	W455426		0.69	3.5	0.02	0.01	1.96	0.15	42.5	3.41	0.01	76.3	250		
MAR18-09	34.25	34.75	0.5	W455427	0.121	11.7	26.5	0.1	0.54	0.74	37	130	3.21	0.29	4600	5110		
MAR18-09	34.75	35.55	0.8	W455428		0.29	12.4	0.02	0.02	0.77	0.14	16.7	1.64	0.01	74.4	110		
MAR18-09	35.55	36.55	1	W455429		0.86	5.8	0.02	0.01	1.91	0.17	53.6	2.84	0.01	95.4	215		
MAR18-09	36.55	37.55	1	W455430		0.72	14.8	0.02	0.04	1.6	0.13	36.3	4.44	0.01	101	205		
MAR18-09	37.55	38.55	1	W455431		1.19	19.9	0.02	0.1	0.93	3.3	59.5	5.59	0.02	166	656		
MAR18-09	38.55	39.55	1	W455432		0.97	12.4	0.02	0.02	0.99	0.13	48.7	4.79	0.01	103	314		
MAR18-09	39.55	40.55	1	W455433		0.72	1.9	0.02	0.01	1.31	0.09	32.6	2.94	0.01	105.5	315		
MAR18-09	58.8	59.8	1	W455434		0.6	17.9	0.02	0.09	0.39	0.92	46.4	2.4	0.01	174.5	404		
MAR18-09	59.8	60.8	1	W455435		1.79	15.9	0.02	0.28	0.68	1.26	66.2	3.23	0.01	699	545		
MAR18-09	Standard P4F			W455436	0.52	0.7	177	0.53	0.12	1.81	0.25	284	2.92	0.05	15.4	52		
MAR18-09	60.8	61.55	0.75	W455437		0.65	20.6	0.02	0.3	0.42	1.2	27.5	3.35	0.01	74.3	268		
MAR18-09	61.55	62.55	1	W455438		0.9	4.4	0.02	0.18	1.48	0.13	55	4.51	0.01	52.6	265		
MAR18-09	62.55	63.55	1	W455439		0.43	3.6	0.02	0.38	2.78	0.11	23.7	1.96	0.01	11.8	48		
MAR18-09	74.4	75.4	1	W455440		1.78	9.2	0.02	0.05	0.3	0.32	23.7	2.85	0.01	62.8	492		
MAR18-09	75.4	75.9	0.5	W455441		1.76	4.8	0.02	0.22	2.7	0.22	57.9	3.46	0.01	61.7	299		
MAR18-09	75.9	76.9	1	W455442		1.18	8.3	0.02	0.09	1.97	0.07	38.1	3.22	0.01	38.9	231		
MAR18-09	76.9	78	1.1	W455443		0.8	16.4	0.02	0.11	0.21	0.05	29.3	4.36	0.01	59	229		
MAR18-09	78	79	1	W455444		0.72	21.8	0.02	0.06	0.2	0.17	47.6	4.14	0.01	70.6	266		
MAR18-09	79	80	1	W455445		0.94	4.9	0.02	0.05	0.18	0.26	72.5	3.33	0.01	57.9	294		
MAR18-09	82.3	83.3	1	W455446		1.74	57.9	0.02	0.08	0.24	0.26	55.9	5.97	0.01	63.1	117		
MAR18-09	83.3	84.3	1	W455447		10.75	26.3	0.04	0.43	0.24	34.9	608	3.74	0.12	1140	8190		
MAR18-09	84.3	85.3	1	W455448		0.67	21.6	0.02	0.06	0.25	0.1	29.2	3.03	0.01	44.7	53		
MAR18-09	109.8	110.8	1	W455449		1.27	16.4	0.02	0.13	0.4	0.1	73.1	3.6	0.01	57.4	217		
MAR18-09	110.8	111.8	1	W455450		3.31	26.8	0.02	1.17	0.6	7.65	64.1	3.57	0.03	1205	2130		
MAR18-09	111.8	112.8	1	W455451		2.22	30	0.02	1.66	0.21	1.35	67.6	4.25	0.01	253	354		
MAR18-09	118.7	119.7	1	W455452		20.1	44.8	0.08	8.14	0.13	25.8	564	3.74	0.09	941	3440		
MAR18-09	119.7	120.7	1	W455453		4.86	18.9	0.02	0.86	0.67	6.51	190	3.5	0.05	449	1840		

MAR18-09	120.7	122	1.3	W455454	0.051	12.7	17.1	0.26	5.89	0.23	13.8	262	1.99	0.15	1860	4210
MAR18-09	122	123	1	W455455		4.68	19.6	0.02	1.6	0.14	2.74	177	1.6	0.05	184	859
MAR18-09	Blank			W455456		0.07	0.3	0.02	0.03	1.71	0.06	149	4.16	0.01	4.2	48
MAR18-09	123	124	1	W455457		22.9	28.9	0.07	2.65	0.12	14.75	914	3.2	0.16	153.5	3890
MAR18-09	124	125	1	W455458		3.38	20.8	0.02	1.15	0.18	4.64	80.6	2.32	0.04	159.5	1360



HOLES PLOTTED

MAR18-01

Claim# KK24346

Azimuth 320°

Dip -65°

MAR18-02

Claim# KK24346

Azimuth 320°

Dip -80°

BAR GRAPHS	L/R	COL
Cu_ppm	R	
Ag_ppm	R	
Zn_ppm	R	
Au_ppm	R	

ROCK CODES Code	L/R	PAT	LABEL	DESCRIPTION
	R		0	Casing,Overburden
			2u	Felsic sericite schist
			2	Felsic Volcanic
			2c	Felsic Volcanic, Fragmental

POSTED TEXT Code	L/R	TEXT	ITEMS
	R	-------	All

SCALE 1 : 1500

(m)

-10 0 10 20 30 40 50

NAD83 / UTM zone 16N

DH AZIMUTH=320°

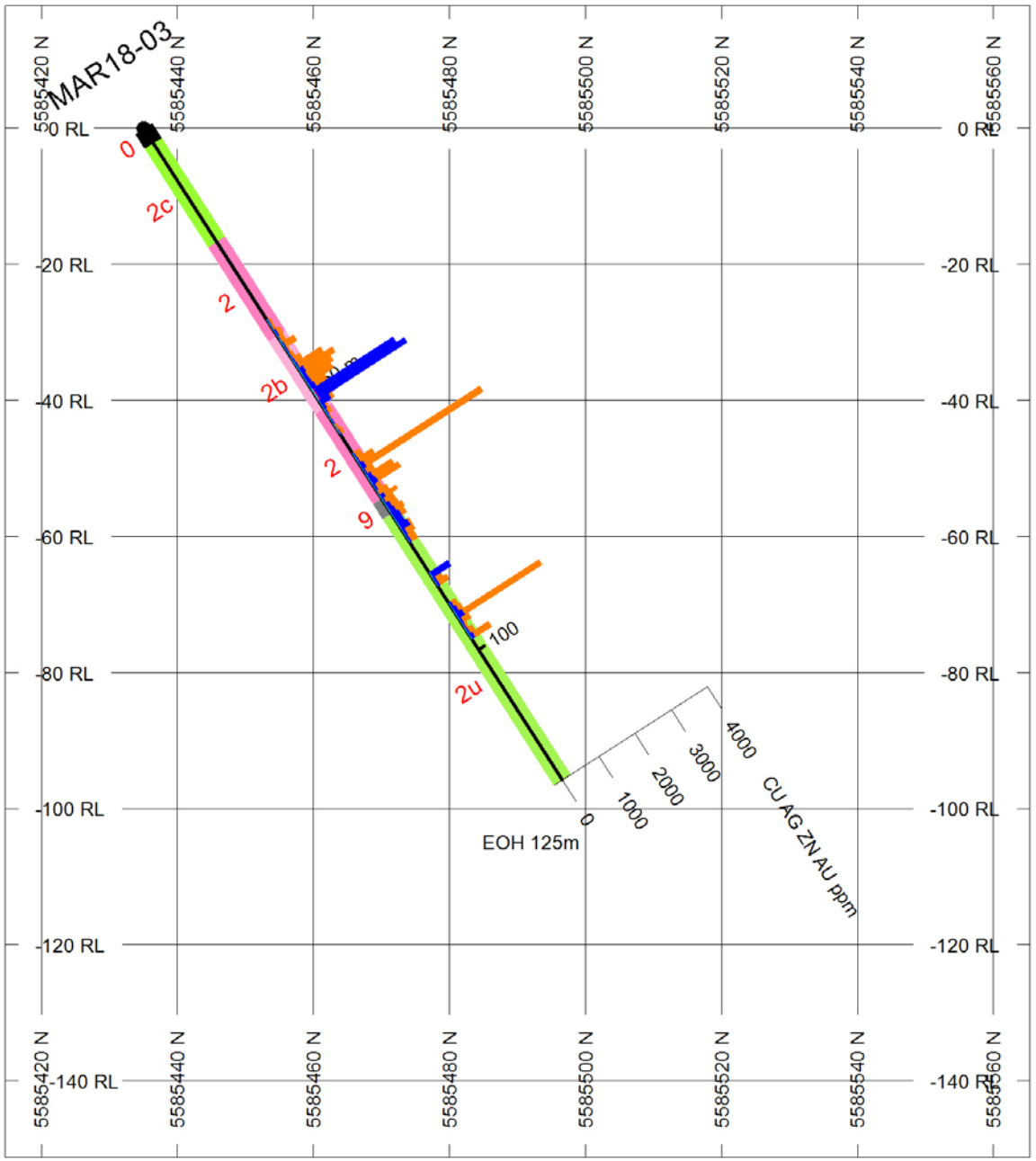
N W E S

Copper Lake Resources

Marshall Property

Drill Section Facing West

May 2018



HOLE PLOTTED

MAR18-03

Claim# KK24346

Azimuth 320°

Dip -50°

BAR GRAPHS	L/R	COL
Cu_ppm	R	
Ag_ppm	R	
Zn_ppm	R	
Au_ppm	R	

ROCK CODES Code	L/R	PAT	LABEL	DESCRIPTION
	R		0	Casing,Overburden
			2u	Felsic sericite schist
			2	Felsic Volcanic
			2b	Felsic Volcanic, Crystal Tuff
			2c	Felsic Volcanic, Fragmental
			9	Fault Deformation Zone

POSTED TEXT Code	L/R	TEXT	ITEMS
	R	-------	All

SCALE 1 : 1000

(m)

-5 0 5 10 15 20 25 30

NAD83 / UTM zone 16N

DH AZIMUTH=320°

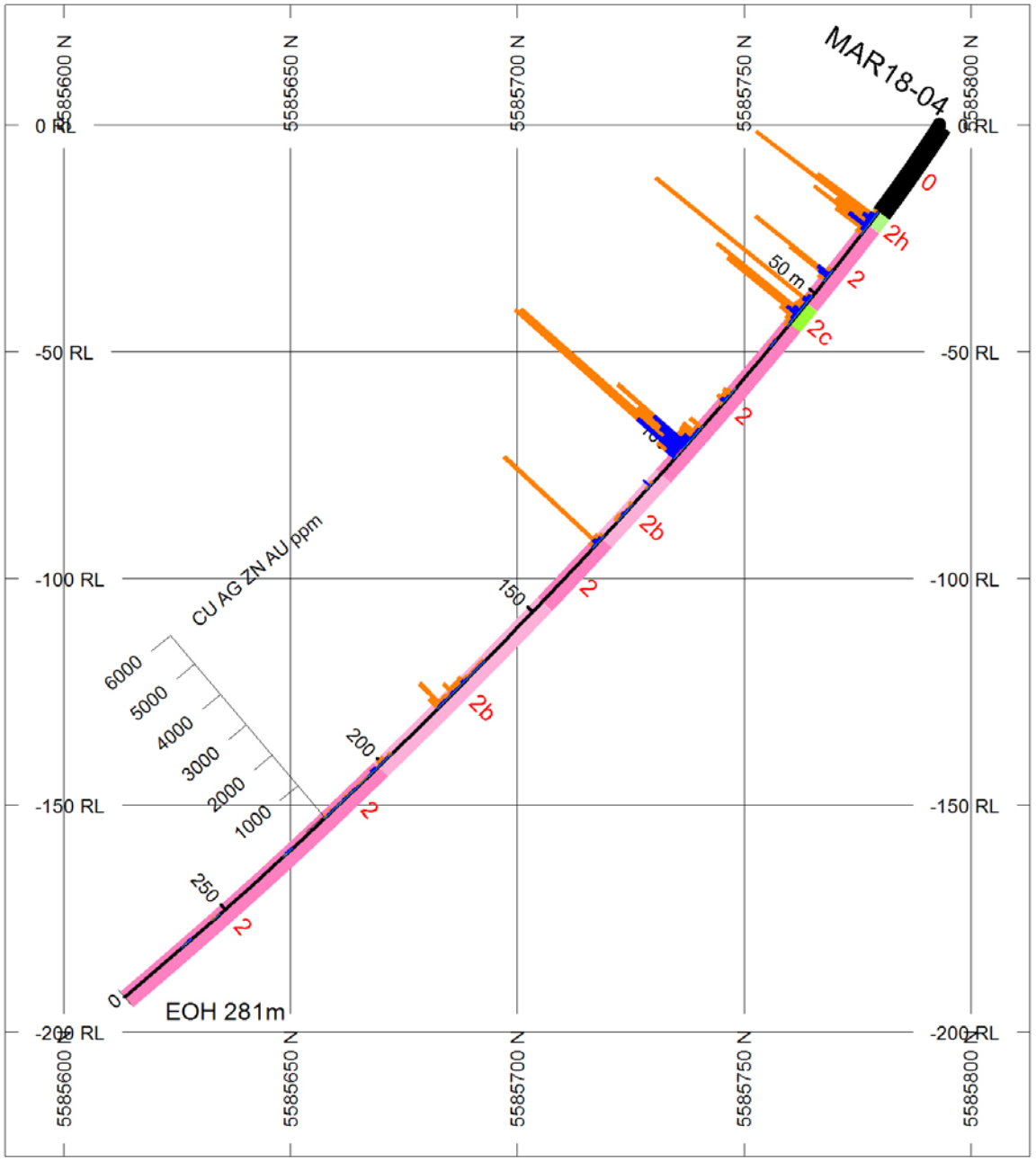
N W E S

Copper Lake Resources

Marshall Property

Drill Section Facing West

May 2018



HOLE PLOTTED

MAR18-04

Claim# 320689

Azimuth 140°

Dip -50°

BAR GRAPHS	L/R	COL
Cu_ppm	L	
Ag_ppm	L	
Zn_ppm	L	
Au_ppm	L	

ROCK CODES Code	L/R	PAT	LABEL	DESCRIPTION
	R		0	Casing,Overburden
			2h	Cataclastic breccia
			2	Felsic Volcanic
			2b	Felsic Volcanic, Crystal Tuff
			2c	Felsic Volcanic, Fragmental

POSTED TEXT Code	L/R	TEXT	ITEMS
	R	-------	All

SCALE 1 : 1500

(m)

-10 0 10 20 30 40 50

NAD83 / UTM zone 16N

DH AZIMUTH=140°

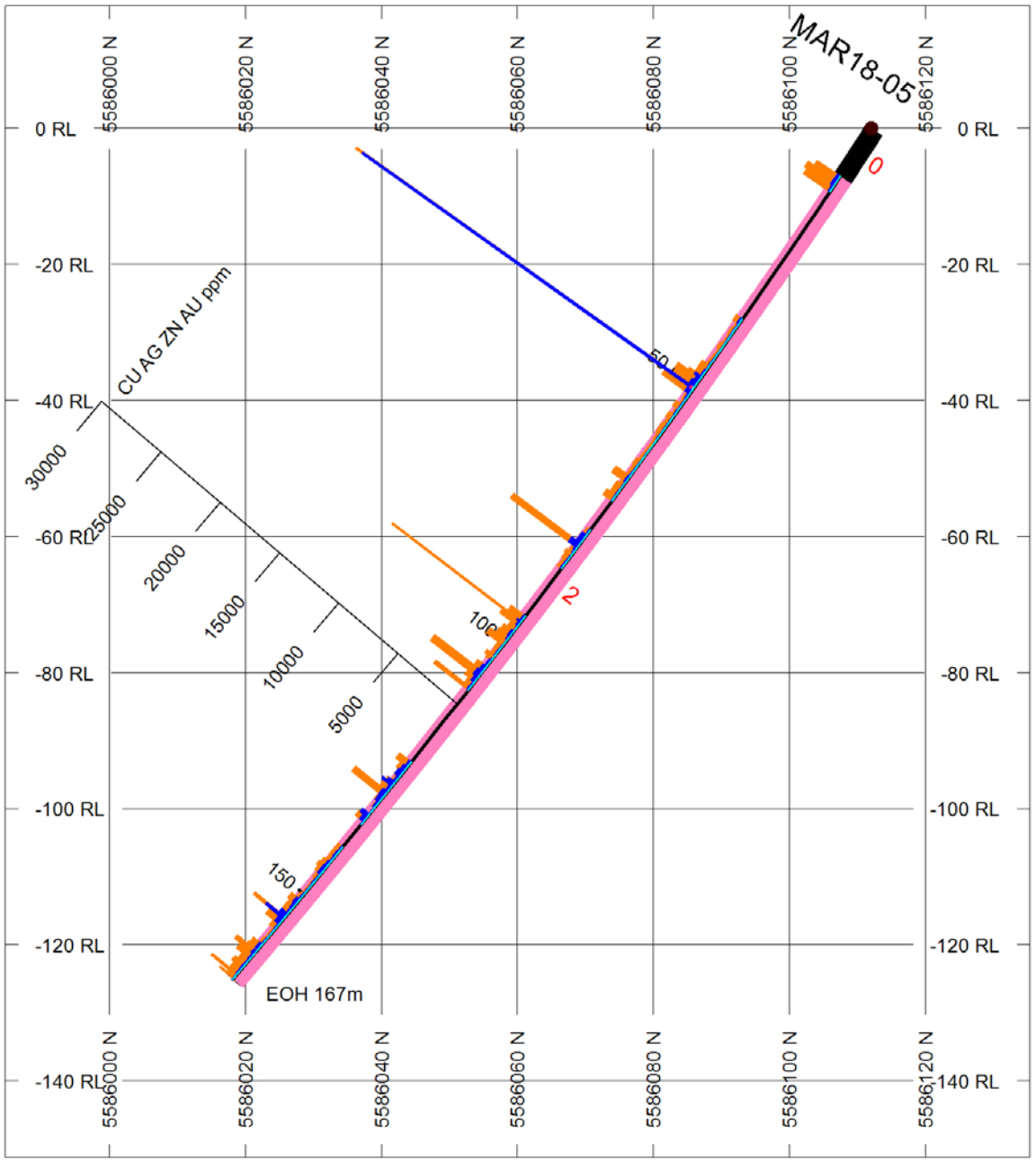
N W E S

Copper Lake Resources

Marshall Property

Drill Section Facing West

May 2018



HOLE PLOTTED

MAR18-05

Claim# 115642

Azimuth 140°

Dip -50°

BAR GRAPHS	L/R	COL
Cu_ppm	L	
Ag_ppm	L	
Zn_ppm	L	
Au_ppm	L	

ROCK CODES	L/R	PAT	LABEL	DESCRIPTION
Code	R		0	Casing,Overburden
			2	Felsic Volcanic

POSTED TEXT	L/R	TEXT	ITEMS
Code	R	-------	All

SCALE 1 : 1000

(m)

-5 0 5 10 15 20 25 30

NAD83 / UTM zone 16N

DH AZIMUTH=140°

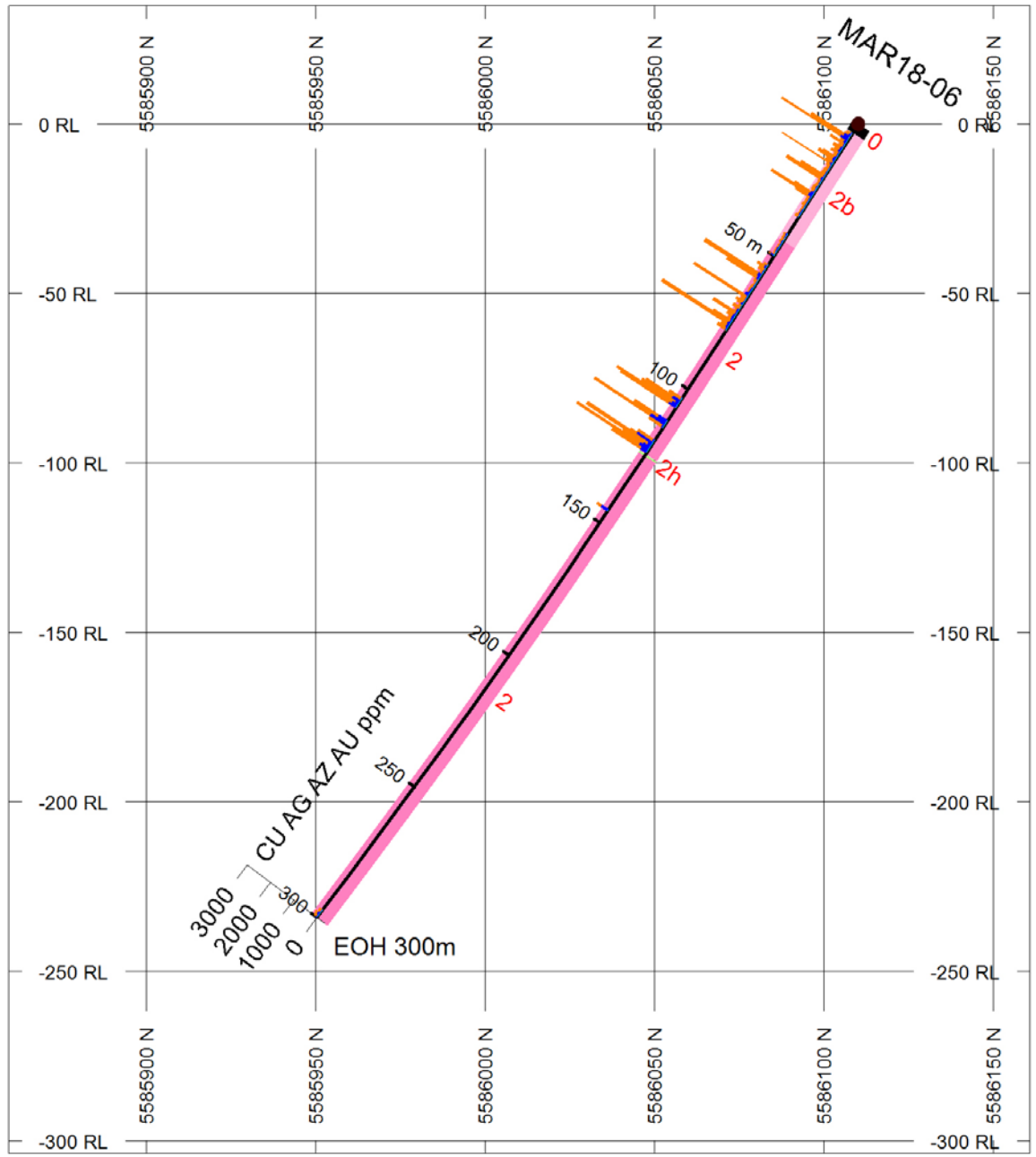
N W E S

Copper Lake Resources

Marshall Property

Drill Section Facing West

May 2018



HOLE PLOTTED

MAR18-06

Claim# 115642

Azimuth 140°

Dip -50°

BAR GRAPHS	L/R	COL
Cu_ppm	L	
Ag_ppm	L	
Zn_ppm	L	
Au_ppm	L	

ROCK CODES Code	L/R	PAT	LABEL	DESCRIPTION
	R		0	Casing,Overburden
			2h	Cataclastic breccia
			2	Felsic Volcanic
			2b	Felsic Volcanic, Crystal Tuff

POSTED TEXT Code	L/R	TEXT	ITEMS
	R	-------	All

SCALE 1 : 2000

(m)

-10 0 10 20 30 40 50 60

NAD83 / UTM zone 16N

DH AZIMUTH=140°

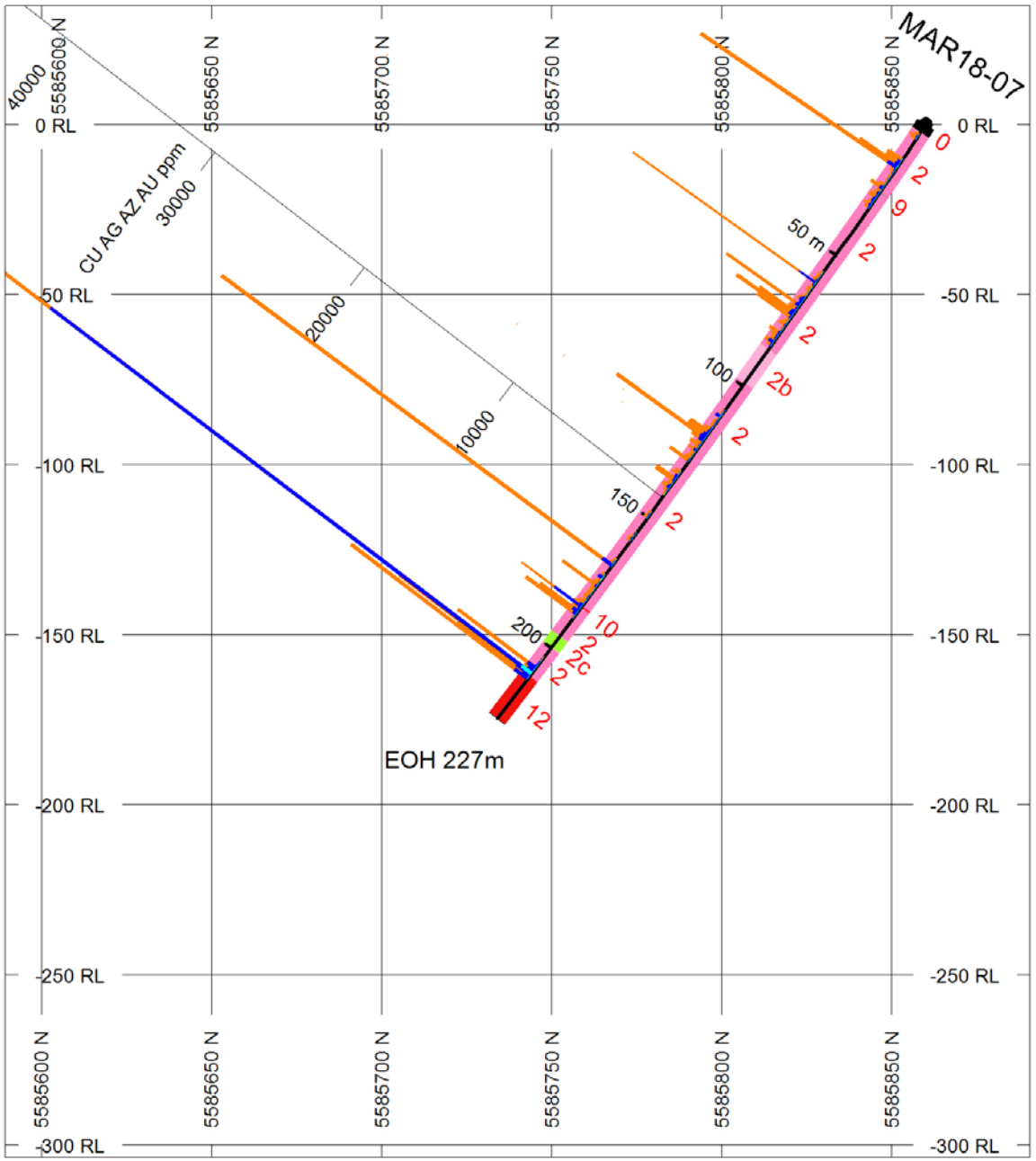
N W E S

Copper Lake Resources

Marshall Property

Drill Section Facing West

May 2018



HOLE PLOTTED

MAR18-07

Claim# KK22808

Azimuth 140°

Dip -50°

BAR GRAPHS	L/R	COL
Cu_ppm	L	
Ag_ppm	L	
Zn_ppm	L	
Au_ppm	L	

ROCK CODES Code	L/R	PAT	LABEL	DESCRIPTION
	R		0	Casing,Overburden
			10	Mafic Dyke
			12	Diabase
			2	Felsic Volcanic
			2b	Felsic Volcanic, Crystal Tuff
			2c	Felsic Volcanic, Fragmental
			9	Fault Deformation Zone

POSTED TEXT Code	L/R	TEXT	ITEMS
	R	-------	All

SCALE 1 : 2000

(m)

-10 0 10 20 30 40 50 60

NAD83 / UTM zone 16N

DH AZIMUTH=140°

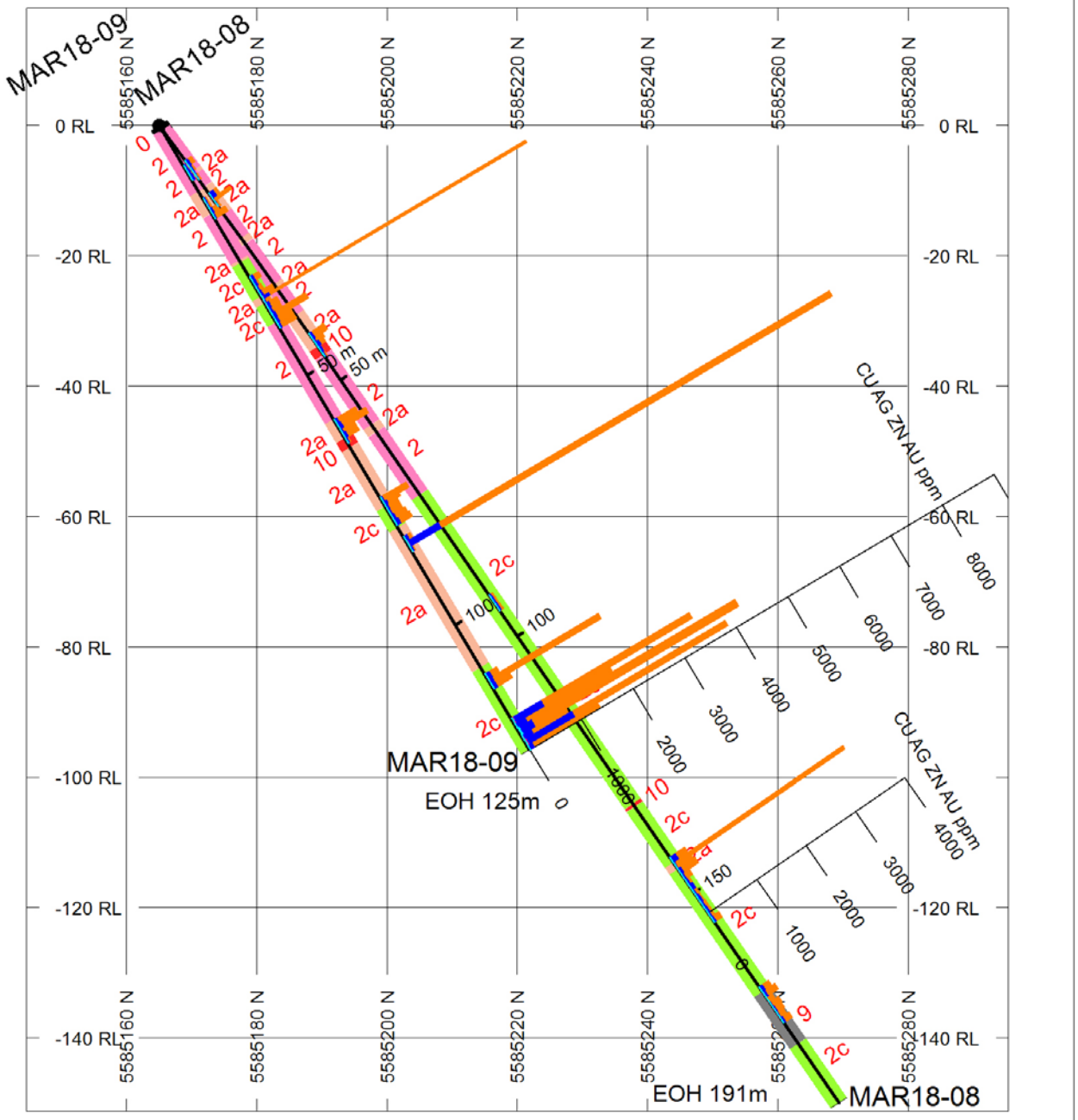
N W E S

Copper Lake Resources

Marshall Property

Drill Section Facing West

May 2018



HOLES PLOTTED

MAR18-08
Claim# KK23034
Azimuth 330°
Dip -50°

MAR18-09
Claim# KK23034
Azimuth 45 °
Dip -50°

BAR GRAPHS	L/R	COL
Cu_ppm	R	
Ag_ppm	R	
Zn_ppm	R	
Au_ppm	R	

ROCK CODES Code	L/R	PAT	LABEL	DESCRIPTION
	R		0	Casing,Overburden
			10	Mafic Dyke
			2	Felsic Volcanic
			2a	Felsic Volcanic, Tuff
			2c	Felsic Volcanic, Fragmental
			9	Fault Deformation Zone

POSTED TEXT Code	L/R	TEXT	ITEMS
	R	-------	All

SCALE 1 : 1000
(m)
-5 0 5 10 15 20 25 30
NAD83 / UTM zone 16N

DH AZIMUTH=45°
DH AZIMUTH=330°
N
W E
S

Copper Lake Resources
Marshall Property
Drill Section Facing West
May 2018

DDH #: MAR18-01

RQD Measurements (0.0m - m casing)

Interval Start	Interval End	Core Length	Core Length <0.1 m	RQD	Fracture Count
2.1	5	2.9	0.89	69	>40
5	8	3	0.13	96	9
8	11	3	0.11	96	12
11	14	3	0.26	91	13
14	17	3	0.7	77	24
17	20	3	1.88	37	>40
20	23	3	0.66	78	25
23	26	3	0.76	75	>40
26	29	3	0.54	82	24
29	32	3	0	100	0
32	35	3	0.69	77	>40
35	38	3	0.24	92	11
38	41	3	0.83	72	38
41	44	3	0.13	96	19
44	47	3	0	100	12
47	50	3	0.21	93	24
50	53	3	0.76	75	29
53	56	3	0.93	69	27
56	59	3	0.72	76	19
59	62	3	0.98	67	29
62	65	3	0.06	98	10
65	68	3	0.71	76	30
68	71	3	2.8	7	40
71	74	3	0.96	68	28
74	77	3	0.48	84	21
77	80	3	0.69	77	26
80	83	3	0.89	70	>40
83	86	3	0.07	98	13
86	89	3	0	100	7
89	92	3	0	100	6
92	95	3	0.48	84	17
95	98	3	0.21	93	11
98	101	3	0	100	12
101	104	3	0.11	96	11
104	107	3	0.49	84	19
107	110	3	0	100	11
110	113	3	0.28	91	17
113	116	3	0.66	78	23
116	119	3	0.65	78	17
119	122	3	0	100	11
122	125	3	0	100	8
125	128	3	0	100	10
128	131	3	0.52	83	28
131	134	3	0.16	95	14
134	137	3	1.03	66	21
137	140	3	0.75	75	>40

140	143	3	0.4	87	20
143	146	3	1.24	59	>40
146	149	3	0	100	9
149	152	3	1.08	64	39
152	155	3	0.67	78	20
155	158	3	0.72	76	25
158	161	3	0.5	83	17
161	164	3	0.96	68	>40
164	167	3	0.44	85	21
167	170	3	0.5	83	16
170	173	3	0.44	85	30
173	176	3	1.06	65	32
176	179	3	0.17	94	7
179	182	3	0.18	94	9
182	185	3	0	100	8
185	188	3	0.08	97	11
188	191	3	0.05	98	9
191	194	3	0.13	96	8

DDH #: MAR18-02

RQD Measurements (0.0m - m casing)

Interval Start	Interval End	Core Length	Core Length <0.1 m	RQD	Fracture Count
1.9	5	3.1	0.2	94	26
5	8	3	0.31	90	13
8	11	3	0.18	94	9
11	14	3	1.33	56	32
14	17	3	0.99	67	22
17	20	3	0.92	69	28
20	23	3	0	100	9
23	26	3	0.69	77	18
26	29	3	0.52	83	21
29	32	3	0.16	95	13
32	35	3	0.2	93	10
35	38	3	0.13	96	15
38	41	3	0.23	92	13
41	44	3	0.04	99	12
44	47	3	0.38	87	16
47	50	3	1.1	63	27
50	53	3	1.17	61	39
53	56	3	1.18	61	38
56	59	3	0.99	67	32
59	62	3	0.3	90	24
62	65	3	0.89	70	38
65	68	3	0.93	69	26
68	71	3	1.14	62	39
71	74	3	0.8	73	26
74	77	3	2	33	40
77	80	3	1.9	37	40
80	83	3	0.64	79	20
83	86	3	0.11	96	6
86	89	3	0.49	84	16
89	92	3	1.4	53	>40
92	95	3	0.35	88	24
95	98	3	0.16	95	14
98	101	3	0.47	84	12
101	104	3	0.18	94	9
104	107	3	0.2	93	8
107	110	3	0.76	75	14
110	113	3	0	100	8
113	116	3	0	100	9
116	119	3	0.28	91	13
119	122	3	0	100	17
122	125	3	0.35	88	19
125	128	3	0	100	6
128	131	3	0.96	68	34
131	134	3	2.2	27	>40
134	137	3	1.89	37	39
137	140	3	1.26	58	20

140	143	3	0.29	90	18
143	146	3	0.78	74	16
146	149	3	0.19	94	12
149	152	3	1.16	61	27
152	155	3	0.33	89	15
155	158	3	0.96	68	>40
158	161	3	0.49	84	22
161	164	3	0.9	70	38
164	167	3	0	100	11
167	170	3	0	100	8
170	173	3	0.3	90	9
173	176	3	0.26	91	8
176	179	3	0.63	79	20
179	180.18	1.18	0.2	83	3

DDH #: MAR18-03

RQD Measurements (0.0m - m casing)

Interval Start	Interval End	Core Length	Core Length <0.1 m	RQD	Fracture Count
2.3	5	2.7	0.68	75	20
5	8	3	0.35	88	18
8	11	3	0	100	6
11	14	3	0	100	4
14	17	3	0.62	79	14
17	20	3	0.05	98	12
20	23	3	0.79	74	24
23	26	3	0.08	97	8
26	29	3	0	100	6
29	32	3	0.33	89	8
32	35	3	0	100	12
35	38	3	0	100	3
38	41	3	0.49	84	9
41	44	3	0	100	5
44	47	3	0	100	7
47	50	3	0	100	9
50	53	3	0	100	8
53	56	3	0	100	5
56	59	3	0	100	7
59	62	3	0	100	4
62	65	3	0	100	5
65	68	3	0.42	86	15
68	71	3	1.69	44	38
71	74	3	0	100	6
74	77	3	0.47	84	20
77	80	3	0.33	89	13
80	83	3	0	100	13
83	86	3	0	100	8
86	89	3	0.16	95	12
89	92	3	0.05	98	7
92	95	3	0	100	6
95	98	3	0.05	98	9
98	101	3	0.15	95	10
101	104	3	0	100	5
104	107	3	0.41	86	16
107	110	3	0.82	73	30
110	113	3	0	100	7
113	116	3	0	100	9
116	119	3	0.27	91	10
119	122	3	1.28	57	>40
122	125	3	1.5	50	>40

DDH #: MAR18-04

RQD Measurements (0.0m - m casing)

Interval Start	Interval End	Core Length	Core Length <0.1 m	RQD	Fracture Count
9	11	2	2	0	>40
11	14	3	3	0	>40
14	17	3	3	0	>40
17	20	3	3	0	>40
20	23	3	3	0	>40
23	26	3	2.7	10	>40
26	29	3	1.7	43	>40
29	32	3	1.6	47	>40
32	35	3	1.98	34	>40
35	38	3	0.12	96	11
38	41	3	0.52	83	25
41	44	3	0.07	98	9
44	47	3	0.8	73	>40
47	50	3	0.64	79	30
50	53	3	0.36	88	25
53	56	3	0.24	92	13
56	59	3	0	100	9
59	62	3	0.11	96	6
62	65	3	0	100	6
65	68	3	0.14	95	6
68	71	3	0	100	7
71	74	3	0.1	97	7
74	77	3	0	100	3
77	80	3	0	100	7
80	83	3	0	100	5
83	86	3	0	100	2
86	89	3	0.28	91	9
89	92	3	0	100	4
92	95	3	0.22	93	12
95	98	3	0.06	98	11
98	101	3	0.06	98	9
101	104	3	0.19	94	17
104	107	3	0	100	7
107	110	3	0	100	4
110	113	3	0	100	7
113	116	3	0	100	3
116	119	3	0.15	95	9
119	122	3	0.09	97	6
122	125	3	0	100	4
125	128	3	0	100	4
128	131	3	0	100	9
131	134	3	0	100	6
134	137	3	0.07	98	8
137	140	3	0	100	4
140	143	3	0	100	8
143	146	3	0	100	7

146	149	3	0	100	8
149	152	3	0	100	4
152	155	3	0	100	5
155	158	3	0	100	4
158	161	3	0	100	4
161	164	3	0	100	4
164	167	3	0	100	8
167	170	3	0	100	7
170	173	3	0	100	6
173	176	3	0	100	4
176	179	3	0	100	4
179	182	3	0	100	8
182	185	3	0	100	4
185	188	3	0	100	3
188	191	3	0	100	9
191	194	3	0	100	6
194	197	3	0	100	5
197	200	3	0	100	8
200	203	3	0	100	3
203	206	3	0	100	5
206	209	3	0	100	5
209	212	3	0.04	99	7
212	215	3	0	100	7
215	218	3	0	100	3
218	221	3	0	100	5
221	224	3	0	100	4
224	227	3	0	100	6
227	230	3	0	100	5
230	233	3	0	100	5
233	236	3	0	100	4
236	239	3	0.04	99	6
239	242	3	0	100	6
242	245	3	0	100	2
245	248	3	0	100	3
248	251	3	0	100	2
251	254	3	0.04	99	4
254	257	3	0	100	5
257	260	3	0	100	5
260	263	3	0.05	98	5
263	266	3	0	100	8
266	269	3	0	100	4
269	272	3	0.09	97	9
272	275	3	0.17	94	12
275	278	3	0	100	9
278	281	3	0	100	7

DDH #: MAR18-05

RQD Measurements (0.0m - m casing)

Interval Start	Interval End	Core Length	Core Length <0.1 m	RQD	Fracture Count
7	8	1	1	0	>40
8	11	3	2	33	>40
11	14	3	1	67	>40
14	17	3	1.6	47	>40
17	20	3	0.56	81	>40
20	23	3	0	100	16
23	26	3	0.11	96	13
26	29	3	0.26	91	17
29	32	3	0.41	86	38
32	35	3	0.18	94	18
35	38	3	0	100	17
38	41	3	2.7	10	37
41	44	3	0.51	83	32
44	47	3	0.32	89	>40
47	50	3	1.03	66	>40
50	53	3	0.25	92	14
53	56	3	0.26	91	22
56	59	3	0.34	89	26
59	62	3	0.09	97	8
62	65	3	0	100	6
65	68	3	0	100	6
68	71	3	0.11	96	4
71	74	3	0	100	7
74	77	3	0	100	4
77	80	3	0.09	97	8
80	83	3	0.12	96	8
83	86	3	0	100	4
86	89	3	0	100	4
89	92	3	0.11	96	8
92	95	3	0	100	4
95	98	3	0.06	98	8
98	101	3	0	100	9
101	104	3	0	100	12
104	107	3	0	100	13
107	110	3	0.3	90	14
110	113	3	0	100	7
113	116	3	0	100	4
116	119	3	0	100	2
119	122	3	0	100	6
122	125	3	0.05	98	10
125	128	3	0	100	6
128	131	3	0	100	3
131	134	3	0.12	96	8
134	137	3	0	100	4
137	140	3	0	100	7
140	143	3	0.28	91	7

143	146	3	0	100	4
146	149	3	0.2	93	11
149	152	3	0	100	13
152	155	3	0.09	97	5
155	158	3	0	100	8
158	161	3	0.13	96	6
161	164	3	0	100	3
164	167	3	0	100	9

DDH #: MAR18-06

RQD Measurements (0.0m - m casing)

Interval Start	Interval End	Core Length	Core Length <0.1 m	RQD	Fracture Count
3.5	5	1.5	0	100	5
5	8	3	0.2	93	24
8	11	3	0.51	83	20
11	14	3	0.25	92	14
14	17	3	0.22	93	4
17	20	3	0	100	9
20	23	3	0.15	95	11
23	26	3	0.2	93	38
26	29	3	0.15	95	16
29	32	3	0.37	88	24
32	35	3	0	100	12
35	38	3	0.08	97	15
38	41	3	0.08	97	18
41	44	3	0.23	92	9
44	47	3	0.49	84	24
47	50	3	0.05	98	14
50	53	3	0.1	97	4
53	56	3	0	100	13
56	59	3	0	100	11
59	62	3	0	100	6
62	65	3	0	100	9
65	68	3	0	100	22
68	71	3	0.38	87	24
71	74	3	0.07	98	16
74	77	3	0.51	83	21
77	80	3	1.42	53	>40
80	83	3	0.37	88	18
83	86	3	0	100	6
86	89	3	0	100	11
89	92	3	0	100	9
92	95	3	0.54	82	22
95	98	3	0.1	97	12
98	101	3	0.17	94	20
101	104	3	0.25	92	18
104	107	3	0.19	94	17
107	110	3	0	100	9
110	113	3	0.78	74	>40
113	116	3	0.39	87	29
116	119	3	0.47	84	39
119	122	3	1.04	65	>40
122	125	3	1.1	63	>40
125	128	3	1.68	44	>40
128	131	3	1.47	51	>40
131	134	3	1.15	62	25
134	137	3	0.58	81	18
137	140	3	0.4	87	21

140	143	3	0.34	89	18
143	146	3	0.78	74	30
146	149	3	0.05	98	6
149	152	3	0.34	89	13
152	155	3	0.7	77	17
155	158	3	0.1	97	15
158	161	3	0.39	87	17
161	164	3	0	100	10
164	167	3	0	100	11
167	170	3	0	100	13
170	173	3	0	100	14
173	176	3	0.27	91	13
176	179	3	0.35	88	7
179	182	3	0	100	9
182	185	3	0.11	96	13
185	188	3	0	100	7
188	191	3	0.76	75	36
191	194	3	0	100	8
194	197	3	0.16	95	7
197	200	3	0.32	89	12
200	203	3	0.13	96	12
203	206	3	0.46	85	19
206	209	3	0.13	96	13
209	212	3	0.14	95	9
212	215	3	0.09	97	12
215	218	3	0	100	9
218	221	3	0.17	94	8
221	224	3	0	100	5
224	227	3	0	100	5
227	230	3	0	100	8
230	233	3	0.18	94	15
233	236	3	0.43	86	15
236	239	3	1.49	50	>40
239	242	3	0.22	93	23
242	245	3	0.7	77	28
245	248	3	1.27	58	>40
248	251	3	0.22	93	18
251	254	3	0.17	94	12
254	257	3	0.43	86	18
257	260	3	1.54	49	>40
260	263	3	0.27	91	19
263	266	3	0.2	93	32
266	269	3	0.15	95	9
269	272	3	0.15	95	23
272	275	3	0	100	6
275	278	3	0	100	11
278	281	3	0.25	92	26
281	284	3	0.09	97	7
284	287	3	0.78	74	>40
287	290	3	0.06	98	11

290	293	3	0.06	98	13
293	296	3	0.42	86	28
296	299	3	0	100	12
299	300	1	0	100	3

DDH #: MAR18-07

RQD Measurements (0.0m - m casing)

Interval Start	Interval End	Core Length	Core Length <0.1 m	RQD	Fracture Count
1.9	5	3.1	0	100	9
5	8	3	0	100	8
8	11	3	0.12	96	10
11	14	3	0.21	93	10
14	17	3	0.09	97	15
17	20	3	0.15	95	16
20	23	3	0.55	82	>40
23	26	3	0.44	85	18
26	29	3	0.54	82	>40
29	32	3	0	100	10
32	35	3	0	100	9
35	38	3	0	100	5
38	41	3	0	100	5
41	44	3	0.19	94	6
44	47	3	0.14	95	12
47	50	3	0.55	82	30
50	53	3	0.13	96	12
53	56	3	0.41	86	31
56	59	3	0	100	7
59	62	3	0.17	94	14
62	65	3	0.59	80	38
65	68	3	0.43	86	22
68	71	3	0	100	8
71	74	3	0.12	96	15
74	77	3	0.55	82	24
77	80	3	0.27	91	15
80	83	3	0.4	87	29
83	86	3	0.07	98	15
86	89	3	0.36	88	38
89	92	3	0	100	10
92	95	3	0.12	96	11
95	98	3	0.08	97	12
98	101	3	0.2	93	21
101	104	3	0	100	14
104	107	3	0	100	8
107	110	3	0.11	96	11
110	113	3	0.55	82	38
113	116	3	0.18	94	8
116	119	3	0	100	6
119	122	3	0	100	6
122	125	3	0	100	10
125	128	3	0.08	97	7
128	131	3	0	100	7
131	134	3	0.07	98	3
134	137	3	0	100	3
137	140	3	0	100	11

140	143	3	0	100	9
143	146	3	0	100	7
146	149	3	0	100	2
149	152	3	0	100	7
152	155	3	0	100	7
155	158	3	0.04	99	7
158	161	3	0.04	99	6
161	164	3	0	100	3
164	167	3	0	100	5
167	170	3	0	100	8
170	173	3	0	100	4
173	176	3	0	100	5
176	179	3	0.17	94	13
179	182	3	0.13	96	9
182	185	3	0	100	8
185	188	3	0	100	10
188	191	3	0	100	3
191	194	3	0	100	3
194	197	3	0	100	12
197	200	3	0	100	7
200	203	3	0	100	7
203	206	3	0.45	85	23
206	209	3	0.22	93	11
209	212	3	0.45	85	15
212	215	3	1.06	65	28
215	218	3	0.06	98	7
218	221	3	0.44	85	13
221	224	3	0	100	11
224	227	3	0.16	95	15

DDH #: MAR18-08

RQD Measurements (0.0m - m casing)

Interval Start	Interval End	Core Length	Core Length <0.1 m	RQD	Fracture Count
1.5	5	3.5	0.46	87	20
5	8	3	0.61	80	>40
8	11	3	0.07	98	17
11	14	3	0.56	81	>40
14	17	3	0.69	77	>40
17	20	3	0	100	4
20	23	3	0.16	95	25
23	26	3	0	100	5
26	29	3	0.08	97	7
29	32	3	0.21	93	12
32	35	3	0	100	6
35	38	3	0.16	95	10
38	41	3	0.11	96	11
41	44	3	0	100	7
44	47	3	0	100	8
47	50	3	0	100	7
50	53	3	0.18	94	13
53	56	3	0	100	9
56	59	3	0.27	91	19
59	62	3	0	100	10
62	65	3	0	100	9
65	68	3	1.03	66	37
68	71	3	0.33	89	17
71	74	3	1.08	64	>40
74	77	3	0.49	84	>40
77	80	3	1.98	34	>40
80	83	3	1.55	48	>40
83	86	3	0.72	76	>40
86	89	3	0.14	95	8
89	92	3	0	100	2
92	95	3	0	100	7
95	98	3	0	100	7
98	101	3	0	100	7
101	104	3	0	100	5
104	107	3	0	100	2
107	110	3	0	100	8
110	113	3	0	100	4
113	116	3	0	100	2
116	119	3	0	100	3
119	122	3	0.25	92	22
122	125	3	0	100	4
125	128	3	0.16	95	13
128	131	3	0	100	2
131	134	3	0.26	91	25
134	137	3	0.65	78	16
137	140	3	0.2	93	12

140	143	3	0	100	6
143	146	3	0.95	68	>40
146	149	3	0.16	95	12
149	152	3	0.35	88	22
152	155	3	0.14	95	17
155	158	3	0	100	11
158	161	3	0.16	95	18
161	164	3	0	100	5
164	167	3	0	100	4
167	170	3	0	100	6
170	173	3	0	100	6
173	176	3	0	100	6
176	179	3	0	100	9
179	182	3	0	100	8
182	185	3	0	100	7
185	188	3	0.06	98	8
188	191	3	0	100	6

DDH #: MAR18-09

RQD Measurements (0.0m - m casing)

Interval Start	Interval End	Core Length	Core Length <0.1 m	RQD	Fracture Count
2	5	3	0.37	88	14
5	8	3	0.59	80	12
8	11	3	0.35	88	12
11	14	3	0.14	95	13
14	17	3	0	100	7
17	20	3	0.2	93	8
20	23	3	0	100	6
23	26	3	0.08	97	10
26	29	3	0.09	97	3
29	32	3	0.08	97	4
32	35	3	0	100	4
35	38	3	0	100	4
38	41	3	0	100	2
41	44	3	0.14	95	5
44	47	3	0.17	94	7
47	50	3	0	100	8
50	53	3	0.21	93	11
53	56	3	0	100	14
56	59	3	0.49	84	22
59	62	3	0.41	86	22
62	65	3	0.89	70	30
65	68	3	0.56	81	21
68	71	3	0.71	76	24
71	74	3	0.06	98	14
74	77	3	0	100	11
77	80	3	0	100	6
80	83	3	0.31	90	20
83	86	3	1.58	47	>40
86	89	3	2.45	18	>40
89	92	3	1.08	64	>40
92	95	3	0	100	6
95	98	3	0.36	88	13
98	101	3	0	100	3
101	104	3	0.09	97	7
104	107	3	0	100	4
107	110	3	0	100	4
110	113	3	0	100	3
113	116	3	0	100	3
116	119	3	0	100	4
119	122	3	0.09	97	7
122	125	3	0	100	2

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 13-MAR-2018
Account: WHITIG

CERTIFICATE TB18042610

Project: MAR18-01

This report is for 115 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 26-FEB-2018.

The following have access to data associated with this certificate:

GEORGE MANNARD	ROBERT MIDDLETON	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

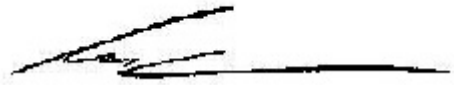
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	ICP-AES

To: **COPPER LAKE RESOURCES LTD.**
ATTN: ROBERT MIDDLETON
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

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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Finalized Date: 13-MAR-2018
Account: WHITIG

Project: MAR18-01

CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W452751		3.48	<0.001	0.54	3.59	0.3	<0.02	<10	150	0.28	0.27	0.73	2.41	32.0	14.8	32
W452752		2.35	<0.001	0.54	2.77	0.1	<0.02	<10	170	0.33	0.26	0.20	1.62	14.90	13.2	32
W452753		2.28	<0.001	0.28	3.03	0.4	<0.02	<10	170	0.41	0.16	0.73	1.32	26.1	12.2	31
W452754		2.34	<0.001	0.31	2.97	0.1	<0.02	<10	190	0.25	0.16	0.43	0.68	26.8	12.6	34
W452755		2.46	<0.001	0.30	2.49	0.2	<0.02	<10	190	0.33	0.14	0.20	0.30	17.25	12.6	34
W452756		2.40	<0.001	0.17	3.81	0.2	<0.02	<10	150	0.38	0.10	1.06	0.22	26.6	10.7	36
W452757		2.44	<0.001	0.40	2.02	0.4	<0.02	<10	70	0.35	0.22	0.19	0.24	18.85	10.0	29
W452758		2.40	<0.001	0.32	2.17	0.3	<0.02	<10	60	0.38	0.20	0.19	0.31	20.2	10.9	22
W452759		2.25	<0.001	0.29	2.43	0.2	<0.02	<10	80	0.36	0.18	0.26	0.11	22.7	11.0	28
W452760		2.43	<0.001	0.29	2.17	<0.1	<0.02	<10	80	0.28	0.17	0.23	0.12	22.8	10.7	26
W452761		2.32	<0.001	0.52	2.20	0.2	<0.02	<10	80	0.53	0.29	0.15	0.19	18.25	10.9	21
W452762		2.44	<0.001	1.21	2.72	0.2	<0.02	<10	90	0.28	1.01	0.39	1.51	24.4	17.3	25
W452763		2.35	<0.001	1.06	2.18	0.2	<0.02	<10	140	0.35	4.49	0.20	3.07	20.5	12.3	20
W452764		2.62	<0.001	0.38	2.55	0.1	<0.02	<10	40	0.26	0.42	0.89	2.63	34.6	9.3	29
W452765		2.29	<0.001	0.29	2.15	0.1	<0.02	<10	100	0.46	0.37	0.23	0.81	22.0	11.4	30
W452766		2.35	<0.001	0.25	1.99	0.3	<0.02	<10	30	0.22	0.32	0.29	1.16	22.9	10.4	28
W452767		2.79	<0.001	0.36	1.75	0.2	<0.02	<10	70	0.43	0.67	0.22	0.70	24.1	10.9	17
W452768		2.70	<0.001	0.47	2.08	<0.1	<0.02	<10	140	0.29	0.44	0.17	0.48	21.7	10.7	25
W452769		3.07	<0.001	0.40	2.15	0.1	<0.02	<10	120	0.32	0.48	0.21	0.38	20.0	11.9	24
W452770		2.73	<0.001	0.85	2.59	0.2	<0.02	<10	160	0.61	1.01	0.23	0.32	21.9	14.3	28
W452771		0.04	0.631	0.75	2.72	182.0	1.07	<10	130	0.21	0.12	1.82	0.24	16.70	13.6	106
W452772		1.29	<0.001	0.73	3.15	0.4	<0.02	<10	40	0.25	1.87	0.25	0.38	16.60	12.4	25
W452773		2.85	<0.001	0.15	2.68	0.2	<0.02	<10	210	0.46	0.28	0.24	0.22	25.3	9.0	29
W452774		3.62	<0.001	0.23	2.80	0.2	<0.02	<10	200	0.33	0.49	0.32	0.50	25.5	10.8	29
W452775		4.13	<0.001	0.32	4.52	0.2	<0.02	10	110	0.34	0.46	1.38	1.12	37.0	24.0	66
W452776		2.31	<0.001	0.11	3.61	0.2	<0.02	<10	110	0.37	0.15	0.64	0.10	42.0	13.9	33
W452777		2.37	<0.001	0.06	3.68	0.1	<0.02	<10	70	0.27	0.11	0.47	0.05	33.4	14.5	29
W452778		2.33	<0.001	0.25	3.60	<0.1	<0.02	<10	130	0.38	0.32	0.27	0.17	27.9	12.9	33
W452779		2.36	<0.001	0.09	3.26	0.1	<0.02	<10	40	0.25	0.14	0.20	0.02	23.8	12.6	35
W452780		1.09	<0.001	0.08	3.42	0.1	<0.02	<10	100	0.27	0.18	0.22	0.01	25.0	13.0	34
W452781		2.40	<0.001	0.11	3.79	0.1	<0.02	<10	200	0.13	0.11	0.19	0.03	27.9	12.0	41
W452782		3.48	<0.001	0.07	3.69	<0.1	<0.02	<10	160	0.23	0.07	0.18	0.03	23.4	12.1	40
W452783		2.23	<0.001	0.05	3.98	0.2	<0.02	<10	90	0.32	0.06	0.22	0.03	28.6	11.9	37
W452784		1.23	<0.001	0.08	3.74	<0.1	<0.02	<10	90	0.11	0.08	0.22	0.03	33.1	12.0	36
W452785		2.46	<0.001	0.14	4.55	0.1	<0.02	<10	90	0.05	0.07	0.30	0.05	27.4	14.8	36
W452786		2.56	<0.001	0.18	4.31	<0.1	<0.02	<10	20	<0.05	0.18	0.22	0.04	18.40	15.9	28
W452787		2.40	<0.001	0.23	3.90	0.2	<0.02	<10	120	0.23	0.14	0.20	0.05	29.2	13.5	37
W452788		2.37	<0.001	0.07	3.05	0.2	<0.02	<10	30	0.25	0.07	0.29	0.04	25.9	10.0	35
W452789		2.57	<0.001	0.16	3.41	0.1	<0.02	<10	10	0.20	0.16	0.30	0.13	26.5	11.5	36
W452790		2.35	<0.001	0.04	3.60	0.1	<0.02	<10	60	0.27	0.08	0.26	0.05	32.6	10.2	37

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 13-MAR-2018
Account: WHITIG

Project: MAR18-01

CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W452751		1.30	110.0	4.37	11.55	0.10	0.31	0.01	0.023	1.26	16.5	19.9	2.80	827	0.66	0.10
W452752		0.97	121.5	3.78	8.83	0.09	0.34	<0.01	0.018	1.29	7.0	19.7	2.02	666	1.20	0.07
W452753		0.84	28.9	3.03	9.61	0.07	0.36	<0.01	0.019	1.20	13.8	16.8	1.72	590	0.23	0.18
W452754		0.86	19.4	3.45	10.55	0.09	0.32	<0.01	0.023	1.49	14.1	11.9	2.02	663	0.18	0.15
W452755		0.75	11.7	3.09	9.50	0.08	0.39	<0.01	0.023	1.13	8.3	20.6	1.57	648	0.18	0.08
W452756		1.34	11.1	3.16	11.55	0.08	0.26	<0.01	0.021	1.21	13.9	18.8	1.96	733	0.51	0.21
W452757		1.06	37.9	3.20	6.58	0.06	0.25	<0.01	0.013	0.58	9.0	28.8	1.20	602	1.18	0.06
W452758		0.91	52.1	3.03	7.75	0.06	0.27	<0.01	0.014	0.70	9.5	31.6	1.28	592	0.09	0.07
W452759		0.87	24.5	3.28	9.82	0.07	0.30	0.01	0.020	0.81	10.9	26.5	1.62	683	0.68	0.08
W452760		0.74	19.0	3.20	8.65	0.08	0.31	<0.01	0.021	0.77	11.6	18.7	1.47	552	0.19	0.07
W452761		1.03	29.8	3.33	6.86	0.05	0.27	<0.01	0.019	0.79	8.6	23.6	1.23	547	0.11	0.05
W452762		1.07	130.5	4.93	9.64	0.08	0.31	0.01	0.019	0.91	12.3	19.7	1.92	805	0.27	0.08
W452763		0.93	146.0	3.58	4.78	0.06	0.31	0.01	0.024	1.08	10.5	15.5	1.41	496	0.39	0.05
W452764		0.61	46.8	3.17	9.29	0.08	0.28	0.01	0.020	0.35	18.3	12.2	1.86	836	0.22	0.08
W452765		0.75	45.6	3.14	6.09	0.07	0.33	0.01	0.018	0.75	11.3	21.9	1.43	677	0.11	0.05
W452766		0.65	46.3	3.22	7.74	0.05	0.40	0.01	0.014	0.26	11.7	15.1	1.49	739	0.10	0.03
W452767		0.76	52.8	2.81	4.05	0.05	0.39	<0.01	0.012	0.76	12.3	10.7	1.09	470	0.26	0.03
W452768		0.82	66.0	3.13	5.31	0.05	0.39	<0.01	0.022	1.18	11.2	11.8	1.34	550	0.71	0.07
W452769		1.06	51.3	3.37	7.18	0.06	0.35	<0.01	0.019	0.80	9.3	13.4	1.39	635	0.34	0.04
W452770		1.15	106.5	3.85	8.57	0.06	0.29	0.01	0.015	0.88	10.1	31.8	1.64	697	0.78	0.05
W452771		0.68	295	3.01	6.03	0.07	0.13	0.06	0.016	0.21	7.8	9.4	1.44	456	7.42	0.29
W452772		1.14	134.0	5.60	11.65	0.07	0.22	0.02	0.021	0.28	7.9	21.3	2.87	1120	0.53	0.01
W452773		1.27	12.6	3.35	7.51	0.07	0.24	0.01	0.020	1.18	12.0	26.8	1.67	620	0.30	0.05
W452774		0.91	13.9	3.54	8.48	0.08	0.24	0.01	0.020	1.33	13.1	22.4	2.00	699	0.51	0.06
W452775		1.02	33.4	5.26	13.85	0.13	0.17	0.01	0.031	0.76	18.1	18.0	3.28	881	0.65	0.08
W452776		1.22	12.8	4.36	12.35	0.10	0.25	0.01	0.013	0.66	20.2	31.6	2.71	788	0.45	0.05
W452777		1.53	6.0	4.49	11.90	0.06	0.20	0.01	0.011	0.49	15.8	21.4	3.00	822	0.42	0.02
W452778		1.90	82.6	4.51	11.40	0.08	0.16	0.01	0.010	0.89	13.4	24.3	2.64	776	0.17	0.03
W452779		1.47	17.7	4.36	10.20	0.05	0.25	<0.01	0.009	0.34	11.2	15.5	2.76	852	0.20	<0.01
W452780		1.57	9.4	4.12	10.50	0.06	0.21	0.01	0.012	0.73	12.4	21.2	2.66	762	0.12	0.02
W452781		1.33	4.1	3.92	11.75	0.07	0.19	0.01	0.016	1.38	13.8	39.6	2.38	627	0.09	0.05
W452782		1.23	3.3	3.78	11.35	0.08	0.15	<0.01	0.018	1.23	11.2	35.3	2.48	657	0.12	0.04
W452783		1.42	8.9	4.01	12.30	0.07	0.19	0.01	0.010	0.63	14.0	22.2	3.53	892	0.07	0.03
W452784		1.62	15.8	4.03	11.90	0.07	0.19	0.01	0.009	0.62	16.4	18.8	3.30	860	0.13	0.02
W452785		1.36	15.6	4.90	14.15	0.07	0.19	0.01	0.011	0.68	13.7	22.2	4.14	1060	0.61	0.02
W452786		0.54	55.4	5.41	13.50	0.07	0.18	0.01	0.012	0.18	8.7	9.9	4.12	1100	2.88	<0.01
W452787		2.38	48.5	4.58	12.80	0.06	0.21	0.01	0.010	0.83	14.4	19.9	3.12	854	1.29	0.02
W452788		1.00	18.4	3.93	9.93	0.06	0.30	<0.01	0.006	0.27	13.2	13.6	2.90	1140	0.26	<0.01
W452789		0.63	11.6	4.23	11.50	0.06	0.29	0.01	0.008	0.16	12.8	14.6	3.45	1200	0.45	<0.01
W452790		1.06	1.5	3.46	11.05	0.06	0.18	0.01	0.007	0.55	15.4	40.3	3.05	934	1.36	0.04

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CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W452751		0.15	37.5	820	10.7	34.5	<0.001	0.73	<0.05	7.1	0.9	0.9	8.6	<0.01	0.21	2.3
W452752		0.09	33.6	660	6.7	35.0	0.001	0.78	<0.05	7.7	0.8	0.9	3.7	<0.01	0.19	1.3
W452753		0.08	25.1	620	11.6	32.7	<0.001	0.70	<0.05	7.0	0.5	0.8	13.0	<0.01	0.06	2.0
W452754		0.07	27.4	540	8.7	37.9	<0.001	0.67	<0.05	6.7	0.4	0.9	7.5	<0.01	0.08	2.2
W452755		0.07	25.3	600	7.2	31.7	<0.001	0.60	<0.05	7.4	0.4	0.9	4.0	<0.01	0.03	1.6
W452756		0.10	27.1	620	19.3	29.9	<0.001	0.40	<0.05	6.1	0.2	0.9	18.5	<0.01	0.01	2.3
W452757		0.12	24.5	610	14.1	15.4	0.001	0.54	<0.05	4.4	0.6	0.5	4.3	<0.01	0.02	1.6
W452758		0.14	23.7	620	15.2	19.6	<0.001	0.37	<0.05	4.9	1.2	0.7	4.5	<0.01	0.03	1.7
W452759		0.16	27.0	660	16.0	17.6	0.001	0.27	<0.05	6.1	0.4	1.0	5.2	<0.01	0.02	1.8
W452760		0.17	22.4	700	18.6	17.7	<0.001	0.20	<0.05	6.8	<0.2	0.9	4.2	<0.01	0.03	1.9
W452761		0.18	22.5	570	24.9	24.3	<0.001	0.42	<0.05	4.7	0.3	0.7	4.7	<0.01	0.06	1.6
W452762		0.21	26.6	690	56.8	27.0	<0.001	1.13	<0.05	6.2	3.4	0.6	6.1	<0.01	0.25	1.9
W452763		0.20	26.0	680	47.2	31.3	<0.001	0.82	<0.05	6.7	2.9	1.0	3.6	<0.01	0.15	1.5
W452764		0.17	24.1	910	44.4	9.0	<0.001	0.46	<0.05	5.3	1.2	0.7	9.2	<0.01	0.06	2.7
W452765		0.25	29.0	690	11.2	21.6	<0.001	0.54	<0.05	6.4	0.8	0.8	3.9	<0.01	0.06	1.9
W452766		0.23	27.3	620	10.5	8.3	<0.001	0.57	<0.05	5.1	0.8	0.6	3.3	<0.01	0.05	2.5
W452767		0.21	26.7	850	11.7	24.5	<0.001	0.57	<0.05	3.2	1.5	0.5	3.4	<0.01	0.07	1.9
W452768		0.21	30.3	660	13.6	37.4	<0.001	0.48	<0.05	5.9	1.5	0.6	3.5	<0.01	0.10	1.7
W452769		0.18	28.4	610	15.4	25.9	0.001	0.33	<0.05	4.8	1.2	0.7	3.4	<0.01	0.10	1.9
W452770		0.17	32.7	740	26.3	25.9	<0.001	0.44	<0.05	5.1	2.0	0.8	6.7	<0.01	0.17	1.5
W452771		0.21	120.5	350	14.9	8.9	0.004	0.10	2.02	3.0	0.3	1.4	80.8	<0.01	0.05	3.0
W452772		0.06	35.6	510	24.9	7.6	0.001	0.43	<0.05	4.5	2.0	0.6	2.4	<0.01	0.22	1.5
W452773		0.11	26.9	750	10.7	31.6	<0.001	0.06	<0.05	5.5	0.4	0.9	7.2	<0.01	0.03	1.7
W452774		0.10	29.7	840	12.7	34.2	<0.001	0.10	<0.05	5.6	0.6	0.9	5.4	<0.01	0.03	1.6
W452775		0.11	42.6	1050	36.6	18.4	<0.001	0.23	<0.05	10.5	0.7	0.9	16.5	<0.01	0.08	2.4
W452776		0.16	35.6	880	10.8	16.8	<0.001	0.07	<0.05	5.8	0.3	1.0	10.3	<0.01	0.03	2.3
W452777		0.18	30.4	780	6.4	12.4	<0.001	0.03	<0.05	5.4	0.2	0.8	8.7	0.01	0.02	2.3
W452778		0.10	29.0	750	11.1	23.8	<0.001	0.22	<0.05	5.0	0.6	0.8	10.1	<0.01	0.07	2.0
W452779		<0.05	31.2	650	3.4	9.0	<0.001	0.08	<0.05	4.0	0.4	0.5	3.5	<0.01	0.04	1.8
W452780		0.07	33.0	590	4.9	18.0	<0.001	0.07	<0.05	5.1	0.4	0.8	6.3	<0.01	0.03	1.7
W452781		0.08	34.6	640	12.1	36.2	<0.001	0.03	<0.05	6.3	<0.2	1.0	5.3	<0.01	0.01	1.7
W452782		0.08	32.6	620	9.9	31.9	<0.001	0.02	<0.05	6.1	0.2	1.0	5.3	<0.01	0.01	1.5
W452783		<0.05	30.5	630	9.1	15.5	<0.001	0.01	<0.05	5.4	0.3	0.6	5.0	<0.01	0.01	2.0
W452784		0.05	31.0	560	10.3	15.9	0.001	0.03	<0.05	5.2	0.3	0.7	5.5	<0.01	0.02	2.0
W452785		0.07	31.3	620	11.4	16.6	<0.001	0.04	<0.05	5.4	0.3	0.8	6.3	<0.01	0.01	1.8
W452786		0.09	26.1	480	8.4	4.6	<0.001	0.19	<0.05	4.3	1.0	0.6	2.8	<0.01	0.07	1.4
W452787		0.07	33.0	650	11.0	22.0	<0.001	0.20	<0.05	5.5	0.6	0.7	5.1	<0.01	0.05	2.0
W452788		0.07	30.0	700	9.2	7.6	<0.001	0.04	<0.05	3.7	0.3	0.5	2.6	<0.01	0.02	1.9
W452789		0.09	33.3	670	21.7	5.0	<0.001	0.06	<0.05	3.9	0.6	0.6	1.9	<0.01	0.02	1.9
W452790		<0.05	31.4	660	8.3	13.4	<0.001	<0.01	<0.05	5.1	<0.2	0.5	8.4	<0.01	<0.01	2.1

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 13-MAR-2018
Account: WHITIG

Project: MAR18-01

CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Cu	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.001
W452751		0.177	0.22	0.28	56	0.29	4.92	373	13.5		
W452752		0.159	0.22	0.21	54	0.18	3.18	186	14.5		
W452753		0.149	0.20	0.26	51	0.19	3.53	204	15.5		
W452754		0.175	0.23	0.24	55	0.14	3.15	192	14.5		
W452755		0.148	0.19	0.22	55	0.31	2.84	73	15.9		
W452756		0.155	0.20	0.27	55	0.21	3.45	115	12.2		
W452757		0.103	0.11	0.24	43	0.20	3.12	90	10.5		
W452758		0.112	0.13	0.25	49	0.23	3.62	63	11.8		
W452759		0.136	0.11	0.23	60	0.20	3.63	83	13.0		
W452760		0.133	0.12	0.26	54	0.19	3.93	81	12.8		
W452761		0.116	0.16	0.24	49	0.87	3.30	34	11.3		
W452762		0.153	0.18	0.28	51	0.38	3.62	526	14.1		
W452763		0.155	0.21	0.25	52	0.30	3.65	222	13.1		
W452764		0.128	0.05	0.32	45	0.30	4.65	512	12.7		
W452765		0.157	0.14	0.24	49	0.16	3.60	168	14.4		
W452766		0.148	0.06	0.24	44	0.41	4.20	316	17.2		
W452767		0.128	0.17	0.28	33	0.20	4.32	158	17.1		
W452768		0.163	0.28	0.25	42	0.13	3.47	159	16.6		
W452769		0.148	0.16	0.24	42	0.16	3.73	159	14.5		
W452770		0.146	0.20	0.22	40	0.16	3.85	240	12.6		
W452771		0.108	0.07	1.00	66	1.56	6.53	54	3.1		
W452772		0.118	0.05	0.17	43	0.20	3.32	429	9.9		
W452773		0.164	0.20	0.22	42	0.26	3.88	164	10.4		
W452774		0.180	0.23	0.20	45	0.30	4.24	234	10.4		
W452775		0.184	0.13	0.27	99	0.26	5.86	630	7.6		
W452776		0.151	0.13	0.23	47	0.20	5.01	202	8.5		
W452777		0.103	0.08	0.21	37	0.10	4.63	191	8.9		
W452778		0.108	0.17	0.19	41	0.11	4.06	137	8.1		
W452779		0.045	0.07	0.14	34	0.09	3.67	104	9.4		
W452780		0.076	0.14	0.17	36	0.10	3.45	99	8.3		
W452781		0.154	0.25	0.16	46	0.14	3.44	85	8.1		
W452782		0.141	0.21	0.14	43	0.14	3.26	88	6.9		
W452783		0.082	0.11	0.15	40	0.13	3.84	220	8.1		
W452784		0.083	0.12	0.16	38	0.13	3.66	279	7.6		
W452785		0.104	0.13	0.18	41	0.10	3.39	323	8.4		
W452786		0.066	0.04	0.12	34	0.08	2.56	314	7.6		
W452787		0.084	0.18	0.19	43	0.12	3.68	254	9.2		
W452788		0.104	0.05	0.17	32	0.13	3.75	200	12.8		
W452789		0.110	0.04	0.18	35	0.12	3.68	339	12.8		
W452790		0.078	0.11	0.18	36	0.13	4.05	300	8.3		

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 13-MAR-2018
Account: WHITIG

Project: MAR18-01

CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W452791		0.11	<0.001	0.06	3.16	0.3	<0.02	10	140	0.09	0.02	1.91	0.04	8.23	26.9	13
W452792		2.38	<0.001	0.05	3.71	<0.1	<0.02	<10	50	0.26	0.08	0.25	0.06	29.7	10.9	35
W452793		2.18	<0.001	0.18	3.63	<0.1	<0.02	<10	60	0.39	0.07	0.21	0.03	30.6	10.1	37
W452794		2.27	<0.001	0.05	4.18	<0.1	<0.02	<10	70	0.17	0.05	0.34	0.03	24.8	12.8	35
W452795		2.26	<0.001	0.05	3.73	<0.1	<0.02	<10	40	0.12	0.04	0.58	0.04	34.3	11.0	35
W452796		2.25	<0.001	0.09	3.17	0.1	<0.02	<10	170	0.17	0.05	0.20	0.03	26.3	8.5	35
W452797		2.27	<0.001	0.13	3.12	<0.1	<0.02	<10	200	0.21	0.08	0.23	0.05	23.8	8.2	25
W452798		1.94	<0.001	0.28	3.03	0.3	<0.02	<10	110	0.23	0.19	0.28	0.16	14.75	10.1	23
W452799		1.27	<0.001	0.14	3.20	<0.1	<0.02	<10	120	0.27	0.09	0.22	0.07	21.8	12.2	24
W452800		2.33	0.001	0.89	3.40	0.2	<0.02	<10	130	0.31	0.24	0.21	0.19	19.65	14.9	21
W452801		1.24	0.179	96.9	2.39	0.2	3.43	<10	40	0.05	91.5	0.06	25.6	12.90	31.3	9
W452802		1.11	<0.001	1.00	3.70	0.2	<0.02	<10	220	0.08	0.41	0.16	0.17	16.60	16.6	25
W452803		2.05	<0.001	0.22	3.83	<0.1	<0.02	<10	180	0.27	0.19	0.16	0.07	21.7	14.3	29
W452804		2.41	<0.001	0.16	3.09	0.3	<0.02	<10	100	0.17	0.14	0.11	0.08	16.70	12.0	23
W452805		1.54	<0.001	0.82	3.41	0.5	<0.02	<10	160	0.16	0.47	0.10	0.13	12.30	10.9	24
W452806		2.00	0.047	17.85	2.33	58.8	0.02	<10	50	<0.05	16.85	0.06	3.03	9.64	106.5	12
W452807		2.22	<0.001	3.38	3.29	3.2	<0.02	<10	100	<0.05	2.08	0.10	0.55	7.79	18.8	22
W452808		3.02	<0.001	0.78	3.04	0.4	<0.02	<10	110	0.34	0.46	0.11	0.09	15.95	9.6	24
W452809		2.78	<0.001	0.32	3.46	0.4	<0.02	<10	120	0.19	0.22	0.11	0.05	16.05	11.4	25
W452810		2.45	<0.001	0.05	4.32	0.1	<0.02	<10	150	0.09	0.07	0.32	0.05	27.4	12.6	28
W452811		0.04	0.796	7.31	0.86	4.3	0.78	<10	180	0.31	2.74	1.03	0.96	24.4	8.1	16
W452812		1.10	<0.001	0.08	2.61	<0.1	<0.02	<10	70	0.25	0.09	0.52	0.27	20.6	6.4	24
W452813		0.87	<0.001	0.06	2.26	0.1	<0.02	<10	20	0.05	0.14	0.74	0.25	15.15	4.9	18
W452814		2.04	<0.001	0.23	3.96	0.1	<0.02	<10	160	0.39	0.21	0.65	0.31	34.8	9.7	32
W452815		1.36	<0.001	0.17	2.19	0.3	<0.02	<10	70	<0.05	0.18	0.51	0.16	11.40	5.3	20
W452816		1.61	<0.001	2.29	5.89	0.6	<0.02	<10	50	<0.05	1.28	0.86	1.76	29.9	22.8	23
W452817		1.16	<0.001	1.57	4.49	0.2	<0.02	<10	120	<0.05	2.90	0.98	0.38	26.0	11.5	27
W452818		1.11	0.026	24.1	3.82	1.1	0.03	<10	50	<0.05	16.15	0.12	179.0	12.25	77.0	9
W452819		2.14	<0.001	0.37	3.25	<0.1	<0.02	<10	180	0.32	0.35	0.20	0.32	21.5	9.9	27
W452820		1.61	<0.001	1.48	4.73	0.2	<0.02	<10	140	0.07	0.86	0.18	0.89	17.95	21.1	22
W452821		1.01	<0.001	3.24	4.08	0.5	<0.02	<10	70	0.11	1.58	0.15	1.96	24.1	36.6	20
W452822		1.13	<0.001	0.12	2.89	0.1	<0.02	10	120	0.18	0.14	0.15	0.15	18.75	9.5	26
W452823		2.42	<0.001	0.06	3.64	<0.1	<0.02	<10	90	0.23	0.16	0.13	0.13	19.65	10.9	27
W452824		2.08	<0.001	0.02	3.72	<0.1	<0.02	10	130	0.18	0.05	0.16	0.05	24.5	9.9	27
W452825		2.02	<0.001	0.03	3.44	<0.1	<0.02	<10	140	0.31	0.04	0.13	0.08	29.8	9.0	27
W452826		2.33	<0.001	0.03	3.57	0.1	<0.02	<10	150	0.20	0.10	0.16	0.08	26.8	9.8	29
W452827		2.27	<0.001	0.06	3.23	0.1	<0.02	<10	150	0.35	0.20	0.14	0.11	21.3	8.3	25
W452828		2.29	<0.001	0.08	3.96	0.1	<0.02	<10	120	0.08	0.12	0.21	0.20	19.30	10.9	26
W452829		2.49	<0.001	0.93	3.46	0.1	<0.02	<10	80	0.07	0.86	0.17	0.39	11.85	12.8	23
W452830		2.20	<0.001	0.28	3.77	<0.1	<0.02	<10	150	0.25	0.22	0.15	0.19	15.35	10.7	26

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CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W452791		1.96	156.5	4.58	7.89	0.05	0.25	0.01	0.017	0.25	3.5	21.0	1.60	457	0.27	0.44
W452792		0.99	3.2	3.62	11.25	0.05	0.22	0.01	0.007	0.45	13.6	39.2	3.25	944	0.74	0.03
W452793		1.36	2.3	3.42	10.80	0.06	0.20	0.01	0.006	0.60	14.5	40.8	3.04	896	0.15	0.03
W452794		0.86	6.9	4.47	13.30	0.09	0.21	0.01	0.009	0.58	10.8	21.2	4.03	1040	0.22	0.03
W452795		0.81	3.6	3.88	12.30	0.07	0.21	<0.01	0.010	0.35	16.8	22.9	3.35	882	0.10	0.05
W452796		1.40	2.9	3.27	10.60	0.08	0.22	0.01	0.017	1.15	13.8	39.0	2.16	726	0.18	0.06
W452797		1.32	3.1	3.01	9.93	0.06	0.22	0.01	0.011	0.98	12.5	38.2	1.98	614	0.35	0.06
W452798		1.87	32.7	3.62	9.46	0.06	0.24	0.01	0.008	0.79	7.1	22.1	2.42	747	1.21	0.04
W452799		2.73	18.6	4.31	10.90	0.08	0.22	<0.01	0.011	0.91	10.5	13.6	2.51	676	0.97	0.04
W452800		1.81	284	5.31	11.55	0.08	0.15	0.01	0.009	1.04	9.7	17.1	2.82	821	0.34	0.03
W452801		0.69	8520	9.35	7.69	0.17	0.06	0.07	0.102	0.45	6.6	3.1	2.36	754	0.54	0.01
W452802		2.16	345	5.12	12.25	0.10	0.26	<0.01	0.011	1.79	8.0	19.2	3.03	825	0.21	0.06
W452803		1.36	24.2	3.78	11.40	0.06	0.23	0.01	0.009	1.38	10.2	55.2	2.59	780	0.12	0.07
W452804		1.15	36.4	3.39	8.84	0.06	0.22	0.01	0.009	1.14	8.3	27.7	2.01	753	0.18	0.04
W452805		1.37	217	4.14	10.60	0.07	0.23	0.01	0.018	1.57	6.7	24.2	2.46	936	1.65	0.04
W452806		0.87	4410	13.10	8.27	0.20	0.14	0.02	0.011	0.94	5.9	8.1	1.97	804	7.18	0.01
W452807		1.51	1055	6.57	9.60	0.16	0.24	<0.01	0.013	1.86	4.1	12.8	2.58	1100	2.21	0.05
W452808		0.80	190.0	3.52	7.58	0.12	0.27	<0.01	0.007	1.16	8.1	23.8	1.87	789	0.60	0.04
W452809		1.11	69.4	3.61	8.66	0.13	0.23	<0.01	0.008	1.45	8.0	21.9	2.24	918	0.18	0.04
W452810		0.95	3.0	4.40	12.50	0.14	0.25	<0.01	0.009	1.20	15.0	32.1	3.52	937	0.18	0.06
W452811		0.31	>10000	6.42	6.81	0.18	0.04	0.18	0.234	0.34	15.8	4.8	0.53	751	9.55	0.04
W452812		1.23	24.2	2.52	7.30	0.11	0.23	<0.01	0.007	0.57	11.1	18.2	2.01	657	0.24	0.08
W452813		0.37	5.0	2.33	6.44	0.10	0.16	<0.01	0.005	0.23	7.6	7.5	2.02	575	0.12	0.02
W452814		1.25	84.6	3.62	11.60	0.15	0.32	<0.01	0.012	1.38	18.6	26.1	2.53	750	0.43	0.17
W452815		0.54	58.8	2.51	5.37	0.11	0.21	<0.01	0.006	0.68	5.7	6.3	1.82	559	5.62	0.04
W452816		0.72	749	8.43	15.90	0.19	0.15	0.02	0.024	0.57	14.7	17.4	5.88	1940	3.26	0.01
W452817		1.15	365	5.21	11.35	0.15	0.27	<0.01	0.011	1.35	13.5	14.1	3.89	1120	2.33	0.06
W452818		0.56	3280	28.3	10.95	0.41	0.15	0.08	0.389	0.65	5.6	5.2	3.69	954	1.50	0.01
W452819		1.52	107.5	3.69	9.46	0.12	0.28	<0.01	0.010	1.31	11.2	23.4	2.31	810	0.36	0.07
W452820		1.63	445	6.50	12.35	0.16	0.24	<0.01	0.017	1.81	9.4	16.1	4.43	1200	4.13	0.03
W452821		1.50	1075	6.99	10.70	0.15	0.25	0.02	0.013	0.84	13.3	13.9	3.65	1180	6.08	0.03
W452822		2.04	59.6	3.38	7.53	0.11	0.30	<0.01	0.010	0.98	9.5	11.3	2.35	687	0.92	0.04
W452823		1.33	4.5	3.84	10.05	0.11	0.23	<0.01	0.012	0.69	10.4	17.7	3.40	881	0.13	0.02
W452824		2.27	1.7	3.17	9.69	0.11	0.23	<0.01	0.008	1.13	13.0	34.3	2.72	547	0.09	0.05
W452825		1.08	1.0	2.94	9.49	0.12	0.24	<0.01	0.007	1.03	15.8	35.9	2.37	532	0.08	0.05
W452826		1.41	0.8	3.06	10.00	0.13	0.25	<0.01	0.007	1.24	13.7	36.4	2.44	562	0.08	0.05
W452827		1.50	5.5	2.99	8.50	0.11	0.21	<0.01	0.008	1.10	11.4	35.3	2.11	603	0.14	0.05
W452828		1.58	12.2	4.79	10.90	0.13	0.25	<0.01	0.012	1.27	10.6	21.1	3.40	1070	0.89	0.04
W452829		1.51	179.5	5.23	9.11	0.12	0.23	<0.01	0.008	0.90	5.9	16.4	2.89	971	11.45	0.03
W452830		1.67	52.7	4.33	11.00	0.11	0.23	<0.01	0.008	1.39	7.6	25.7	2.97	958	0.12	0.05

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 13-MAR-2018
Account: WHITIG

Project: MAR18-01

CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W452791		0.14	89.5	330	0.7	11.9	0.001	0.01	<0.05	3.0	0.3	0.4	57.3	0.01	<0.01	0.6
W452792		<0.05	30.3	650	8.2	11.1	<0.001	<0.01	<0.05	4.9	<0.2	0.6	11.5	<0.01	<0.01	1.9
W452793		<0.05	31.8	660	7.4	14.5	<0.001	<0.01	<0.05	5.1	<0.2	0.5	7.9	<0.01	<0.01	2.1
W452794		0.11	28.7	580	9.1	14.4	<0.001	<0.01	<0.05	5.1	0.5	0.9	6.0	<0.01	<0.01	1.8
W452795		0.09	29.1	580	13.1	9.0	<0.001	<0.01	<0.05	5.5	0.2	0.7	12.7	<0.01	<0.01	2.0
W452796		0.07	23.5	530	11.3	30.5	<0.001	0.01	<0.05	5.9	0.2	0.8	6.5	<0.01	0.01	2.1
W452797		<0.05	18.4	420	14.5	26.0	<0.001	0.05	<0.05	5.8	0.4	0.8	12.0	<0.01	0.02	2.1
W452798		0.06	17.4	370	43.6	19.3	<0.001	0.27	<0.05	4.9	1.4	0.8	10.8	<0.01	0.08	2.2
W452799		0.09	17.8	370	57.8	24.8	<0.001	0.18	<0.05	5.5	1.1	0.8	8.7	<0.01	0.03	2.1
W452800		0.14	17.8	350	102.0	26.6	0.001	0.61	<0.05	4.4	2.7	0.7	4.2	<0.01	0.12	1.8
W452801		0.12	15.8	140	3710	10.4	<0.001	4.06	0.08	1.7	37.3	0.8	1.1	<0.01	4.31	0.6
W452802		0.10	19.7	380	129.5	44.3	<0.001	0.56	<0.05	6.0	2.4	0.9	2.9	<0.01	0.11	1.7
W452803		0.05	21.0	460	54.9	34.4	<0.001	0.03	<0.05	6.1	0.2	0.7	5.0	<0.01	0.01	2.0
W452804		0.06	19.7	410	18.0	35.2	<0.001	0.12	<0.05	3.7	0.6	0.6	3.4	<0.01	0.01	1.6
W452805		<0.05	19.3	320	41.3	46.2	<0.001	0.52	<0.05	5.5	2.1	0.8	4.4	<0.01	0.10	1.3
W452806		0.07	13.1	220	61.5	27.5	0.001	>10.0	0.20	2.5	33.9	0.8	0.9	<0.01	0.48	0.4
W452807		0.06	15.3	350	36.0	54.4	0.001	2.32	<0.05	4.3	13.0	1.1	5.0	<0.01	0.28	0.7
W452808		<0.05	21.2	440	21.0	34.6	<0.001	0.58	<0.05	3.7	1.8	0.5	2.6	<0.01	0.10	1.6
W452809		<0.05	22.9	460	19.6	44.1	<0.001	0.27	<0.05	4.0	0.9	0.5	2.7	<0.01	0.05	1.7
W452810		0.09	23.9	470	10.5	33.5	<0.001	<0.01	<0.05	6.6	<0.2	0.9	8.5	<0.01	<0.01	2.7
W452811		0.21	11.6	540	7.5	17.7	0.003	1.12	0.30	3.6	13.6	2.6	98.5	<0.01	1.50	3.1
W452812		0.10	15.1	350	35.7	16.8	<0.001	0.04	<0.05	5.0	<0.2	0.5	18.3	<0.01	<0.01	2.1
W452813		0.10	10.0	260	30.8	6.3	<0.001	<0.01	<0.05	3.6	<0.2	0.4	5.9	<0.01	<0.01	1.3
W452814		0.10	22.1	390	39.2	39.3	0.001	0.17	<0.05	8.0	1.3	0.8	22.9	<0.01	0.03	3.4
W452815		0.10	10.2	290	20.9	18.1	0.001	0.09	<0.05	2.8	0.7	0.4	5.3	<0.01	0.01	1.2
W452816		0.14	28.1	550	85.8	15.4	0.001	1.11	<0.05	4.9	7.9	0.8	2.6	<0.01	0.12	2.7
W452817		0.11	19.0	540	45.8	35.8	<0.001	0.47	<0.05	5.7	2.5	0.7	8.9	<0.01	0.05	2.4
W452818		0.18	113.0	350	24.0	18.4	<0.001	9.42	<0.05	3.0	85.2	0.6	1.2	<0.01	1.23	1.1
W452819		0.06	17.5	370	18.1	35.9	<0.001	0.19	<0.05	5.8	0.7	0.7	8.6	<0.01	0.02	2.2
W452820		0.07	22.4	380	12.9	51.0	0.001	0.76	<0.05	4.9	4.4	0.8	2.4	<0.01	0.07	1.8
W452821		0.05	23.8	360	17.3	24.2	0.001	1.70	<0.05	4.4	11.5	0.5	6.1	<0.01	0.20	2.2
W452822		<0.05	19.0	480	6.0	29.2	<0.001	0.05	<0.05	4.7	0.2	0.5	6.6	<0.01	0.01	2.1
W452823		<0.05	25.2	460	5.1	21.2	<0.001	<0.01	<0.05	4.8	<0.2	0.4	3.6	<0.01	0.01	2.4
W452824		<0.05	24.9	460	5.0	35.3	<0.001	<0.01	<0.05	5.5	<0.2	0.6	13.5	<0.01	<0.01	2.4
W452825		<0.05	23.9	440	8.4	31.0	<0.001	<0.01	<0.05	5.4	<0.2	0.6	5.0	<0.01	<0.01	2.5
W452826		<0.05	25.6	500	11.3	37.7	<0.001	<0.01	<0.05	6.3	<0.2	0.7	7.4	<0.01	<0.01	2.6
W452827		<0.05	20.0	440	9.7	33.8	<0.001	0.01	<0.05	5.9	<0.2	0.7	7.0	<0.01	<0.01	2.0
W452828		0.05	20.9	430	12.0	37.0	<0.001	0.07	<0.05	5.4	<0.2	0.7	7.3	<0.01	0.01	2.1
W452829		0.06	19.6	430	35.3	25.3	0.001	0.75	<0.05	4.3	2.4	0.5	6.2	<0.01	0.10	1.4
W452830		0.05	23.0	470	20.8	38.0	<0.001	0.16	<0.05	5.4	0.4	0.6	6.3	<0.01	0.02	1.6

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 13-MAR-2018
Account: WHITIG

Project: MAR18-01

CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Cu	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.001
W452791		0.302	0.17	0.13	152	<0.05	8.97	45	9.7		
W452792		0.075	0.10	0.17	32	0.15	4.31	335	9.6		
W452793		0.063	0.11	0.16	34	0.12	4.36	242	8.8		
W452794		0.131	0.11	0.13	40	0.14	3.25	291	9.1		
W452795		0.118	0.07	0.18	40	0.20	4.12	302	9.1		
W452796		0.145	0.22	0.18	44	0.17	3.14	112	10.1		
W452797		0.127	0.18	0.23	43	0.29	3.05	107	9.5		
W452798		0.117	0.16	0.21	35	0.20	2.53	185	9.3		
W452799		0.116	0.16	0.21	37	0.13	2.57	231	9.3		
W452800		0.129	0.22	0.18	38	0.15	1.99	366	6.9		
W452801		0.049	0.28	0.08	17	0.07	0.59	2360	2.2	0.804	
W452802		0.161	0.29	0.19	45	0.13	1.92	491	11.0		
W452803		0.145	0.23	0.22	45	0.14	2.63	219	11.2		
W452804		0.120	0.25	0.18	36	0.14	2.56	122	10.2		
W452805		0.148	0.33	0.15	47	0.12	1.89	303	9.6		
W452806		0.067	0.25	0.08	34	0.08	1.20	3170	5.4	0.415	
W452807		0.140	0.32	0.12	48	0.12	1.73	642	10.3	0.106	
W452808		0.128	0.22	0.18	34	0.18	2.39	160	11.6		
W452809		0.146	0.30	0.17	37	0.15	2.44	177	10.7		
W452810		0.175	0.21	0.24	50	0.08	3.82	345	11.1		
W452811		0.059	0.15	0.38	67	0.14	4.61	123	1.1	2.03	
W452812		0.116	0.09	0.21	29	0.10	3.29	337	10.0		
W452813		0.084	0.04	0.12	23	0.09	2.15	364	6.3		
W452814		0.179	0.27	0.30	45	0.10	3.59	385	14.8		
W452815		0.101	0.10	0.14	21	0.06	1.59	440	8.6		
W452816		0.192	0.10	0.26	52	0.11	2.65	2070	7.2	0.072	
W452817		0.192	0.22	0.26	41	0.10	2.58	940	12.3	0.034	
W452818		0.080	0.14	0.15	28	0.11	2.52	>10000	6.2	0.305	2.19
W452819		0.135	0.23	0.22	43	0.07	2.48	307	11.9	0.011	
W452820		0.146	0.31	0.19	44	0.07	2.24	908	11.1	0.043	
W452821		0.089	0.15	0.20	36	0.06	2.91	2730	11.2	0.104	
W452822		0.096	0.18	0.25	38	<0.05	3.27	262	12.9		
W452823		0.059	0.13	0.21	43	<0.05	3.18	276	10.1		
W452824		0.103	0.22	0.21	45	<0.05	4.36	149	11.0		
W452825		0.111	0.20	0.24	46	0.05	3.13	139	10.9		
W452826		0.135	0.23	0.23	48	0.05	3.59	180	11.7		
W452827		0.121	0.20	0.19	39	0.10	2.87	149	9.8		
W452828		0.163	0.21	0.22	44	0.06	3.13	320	11.5		
W452829		0.115	0.15	0.18	35	0.07	2.85	343	10.7	0.018	
W452830		0.133	0.22	0.20	44	0.06	2.85	325	10.7		

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TORONTO ON M6N 2J1

Finalized Date: 13-MAR-2018
Account: WHITIG

Project: MAR18-01

CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W452831		0.12	<0.001	0.06	2.56	0.3	<0.02	10	120	0.07	0.02	1.51	0.06	8.17	28.0	12
W452832		2.24	<0.001	0.15	3.27	0.1	<0.02	<10	160	0.31	0.16	0.14	0.12	19.60	10.0	25
W452833		2.37	<0.001	0.07	3.52	0.1	<0.02	<10	120	0.14	0.18	0.16	0.71	19.90	10.4	26
W452834		2.19	<0.001	0.03	3.62	<0.1	<0.02	<10	160	0.23	0.05	0.13	0.14	22.0	10.5	27
W452835		1.17	<0.001	0.03	3.32	0.1	<0.02	<10	20	0.16	0.06	0.13	0.12	13.70	9.4	23
W452836		1.98	<0.001	0.03	3.28	0.1	<0.02	<10	90	0.22	0.05	0.14	0.18	18.75	9.5	27
W452837		2.55	<0.001	0.19	3.33	0.2	<0.02	<10	110	0.17	0.24	0.29	0.29	25.4	9.5	26
W452838		2.22	<0.001	0.45	2.73	0.1	<0.02	<10	90	0.51	0.42	0.17	0.72	20.1	10.4	26
W452839		3.01	<0.001	4.47	2.62	0.1	<0.02	<10	80	0.24	11.20	0.18	2.62	18.85	11.7	23
W452840		2.69	<0.001	2.12	2.30	0.2	<0.02	<10	60	0.27	13.10	0.16	1.92	17.65	9.7	20
W452841		1.44	<0.001	0.25	2.59	0.2	<0.02	<10	60	0.34	0.30	0.14	0.66	20.9	10.3	22
W452842		1.65	<0.001	0.54	2.28	0.2	<0.02	<10	50	0.79	0.34	0.14	0.60	20.3	10.4	18
W452843		2.38	<0.001	0.22	2.61	0.1	<0.02	<10	90	0.09	1.41	0.12	3.66	24.3	10.1	22
W452844		2.65	<0.001	0.17	2.44	0.2	<0.02	<10	60	0.29	0.16	0.12	0.37	22.3	8.8	21
W452845		2.47	<0.001	0.10	2.85	0.1	<0.02	<10	100	0.29	0.10	0.14	0.26	20.1	9.3	25
W452846		1.14	<0.001	0.54	2.63	0.6	<0.02	<10	30	0.24	0.75	0.42	0.53	13.00	11.5	21
W452847		2.43	<0.001	0.17	2.50	0.4	<0.02	<10	40	0.24	0.13	0.21	0.59	19.80	9.4	24
W452848		2.58	<0.001	0.92	2.36	0.4	<0.02	<10	50	0.30	11.35	0.17	1.75	21.1	9.3	24
W452849		2.70	<0.001	0.59	2.58	0.2	<0.02	<10	70	0.38	2.51	0.15	0.89	21.5	12.7	24
W452850		2.54	<0.001	0.54	2.66	0.2	<0.02	<10	100	0.25	0.66	0.16	0.68	19.85	10.3	27
W452851		0.04	0.445	0.54	2.81	178.5	0.69	<10	130	0.19	0.13	1.86	0.27	17.35	14.2	110
W452852		2.34	<0.001	0.42	2.52	0.2	<0.02	<10	130	0.35	0.27	0.18	0.55	19.65	10.1	30
W452853		2.43	<0.001	0.18	2.73	<0.1	<0.02	<10	170	0.29	0.14	0.16	0.16	22.7	8.1	27
W452854		0.80	0.002	2.62	2.70	0.5	<0.02	<10	40	0.13	1.49	0.20	244	18.40	31.4	19
W452855		1.83	<0.001	0.24	2.90	0.2	<0.02	<10	220	0.30	0.14	0.33	0.50	28.6	10.2	28
W452856		1.86	<0.001	0.32	3.66	0.3	<0.02	<10	260	0.28	0.15	1.52	1.19	39.9	10.5	35
W452857		1.54	<0.001	0.46	2.93	0.6	<0.02	<10	170	0.20	0.27	1.06	0.20	31.4	17.0	32
W452858		1.62	<0.001	0.28	2.89	0.1	<0.02	<10	200	0.17	0.14	0.91	0.10	35.5	12.4	38
W452859		1.88	<0.001	0.26	6.18	0.5	<0.02	<10	240	0.51	0.16	2.99	0.19	50.1	13.1	40
W452860		1.93	<0.001	0.37	2.77	0.3	<0.02	<10	140	0.17	0.20	1.10	0.11	36.3	16.8	34
W452861		2.40	<0.001	0.21	2.66	0.2	<0.02	<10	90	0.25	0.10	1.22	0.10	34.3	11.9	36
W452862		2.54	<0.001	0.36	2.62	1.2	<0.02	<10	250	0.23	0.27	1.43	0.20	36.0	21.1	44
W452863		1.45	<0.001	1.41	1.69	2.7	<0.02	<10	40	0.10	0.84	0.48	0.20	33.0	25.6	27
W452864		2.30	0.004	0.58	2.28	0.4	<0.02	<10	130	0.16	0.34	0.85	0.10	30.6	22.2	34
W452865		2.41	<0.001	0.32	2.06	0.5	<0.02	<10	140	0.08	0.15	0.55	0.08	33.3	11.2	27

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 13-MAR-2018
Account: WHITIG

Project: MAR18-01

CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W452831		2.11	153.5	4.34	6.66	0.12	0.25	0.01	0.015	0.31	3.4	20.3	1.59	470	0.25	0.32
W452832		1.09	36.5	3.45	8.59	0.11	0.23	<0.01	0.010	1.21	10.6	37.6	2.28	792	0.07	0.05
W452833		1.45	6.3	3.51	9.16	0.11	0.23	<0.01	0.018	0.97	10.7	33.5	2.85	1000	0.06	0.04
W452834		2.23	1.6	3.74	10.50	0.11	0.21	<0.01	0.015	1.22	11.8	22.4	2.81	897	0.10	0.04
W452835		0.87	1.6	3.84	9.29	0.10	0.17	<0.01	0.009	0.18	6.7	17.9	3.38	1400	0.06	0.01
W452836		1.38	2.7	3.59	9.75	0.10	0.21	0.01	0.013	0.70	10.0	28.6	2.75	924	0.08	0.03
W452837		1.21	26.6	3.80	10.20	0.14	0.28	<0.01	0.010	1.29	13.7	20.2	2.92	991	0.24	0.06
W452838		0.85	52.2	2.90	7.42	0.11	0.26	<0.01	0.016	0.81	11.2	33.8	1.80	711	0.31	0.05
W452839		0.97	88.3	3.09	6.35	0.12	0.29	<0.01	0.020	0.94	10.0	21.5	1.83	788	1.20	0.04
W452840		1.08	73.1	2.68	4.97	0.12	0.25	<0.01	0.015	0.80	9.4	18.0	1.65	665	1.18	0.04
W452841		0.81	56.8	2.62	6.69	0.11	0.21	<0.01	0.012	0.65	11.3	33.7	1.53	696	0.38	0.04
W452842		0.59	166.5	2.30	5.39	0.12	0.17	<0.01	0.008	0.52	10.9	19.3	1.29	689	0.12	0.03
W452843		0.89	28.4	2.79	7.00	0.05	0.25	<0.01	0.019	1.06	13.0	20.9	1.70	717	0.31	0.05
W452844		1.01	33.5	2.39	6.10	<0.05	0.20	<0.01	0.008	0.58	11.9	25.5	1.63	744	0.15	0.04
W452845		1.11	29.8	2.90	7.82	<0.05	0.20	<0.01	0.013	0.62	10.5	32.2	1.83	717	0.25	0.04
W452846		0.80	143.5	3.46	7.40	<0.05	0.20	<0.01	0.013	0.26	6.3	17.2	2.18	958	2.48	0.03
W452847		0.49	60.2	3.08	7.10	<0.05	0.21	<0.01	0.011	0.20	10.5	16.7	1.96	959	0.13	0.04
W452848		0.70	97.0	2.80	5.84	<0.05	0.25	<0.01	0.025	0.36	11.2	21.6	1.68	710	0.23	0.05
W452849		0.72	182.5	3.17	6.05	<0.05	0.28	<0.01	0.022	0.58	11.6	27.6	1.66	581	0.18	0.04
W452850		0.83	97.0	2.99	7.93	0.05	0.31	<0.01	0.017	0.97	10.5	20.1	1.74	574	0.12	0.05
W452851		0.70	292	2.92	5.87	0.06	0.14	0.02	0.017	0.21	8.1	9.5	1.43	473	6.84	0.31
W452852		0.70	45.0	2.67	8.58	0.05	0.29	<0.01	0.017	0.97	10.3	19.6	1.65	684	0.22	0.06
W452853		0.85	31.5	2.68	6.96	0.05	0.26	<0.01	0.014	0.84	12.1	39.2	1.52	474	0.31	0.06
W452854		0.75	308	4.85	8.27	0.09	0.32	1.52	0.212	0.70	10.0	17.3	2.15	676	0.64	0.04
W452855		0.75	67.2	3.01	7.08	0.06	0.33	<0.01	0.014	1.05	15.4	36.0	1.66	527	0.65	0.09
W452856		0.80	52.5	3.17	10.65	0.09	0.21	<0.01	0.026	1.16	19.8	12.6	1.59	559	0.49	0.19
W452857		0.65	74.6	3.27	9.16	0.06	0.26	<0.01	0.018	1.04	15.0	10.8	1.18	398	0.39	0.16
W452858		0.61	29.6	2.83	10.10	0.06	0.26	<0.01	0.021	1.20	17.2	12.4	1.18	392	0.26	0.23
W452859		0.76	38.9	3.46	15.40	0.09	0.18	<0.01	0.024	1.26	25.0	14.3	1.46	465	0.36	0.36
W452860		0.66	55.8	3.05	9.45	0.06	0.28	<0.01	0.021	0.76	17.4	14.0	1.09	353	0.10	0.17
W452861		0.56	37.0	3.02	9.74	0.06	0.22	<0.01	0.016	0.49	16.3	15.4	1.12	387	0.12	0.13
W452862		0.80	54.7	3.38	8.43	0.08	0.15	0.05	0.016	0.67	17.0	13.7	1.29	377	0.23	0.07
W452863		0.81	145.0	5.24	7.32	0.06	0.33	0.15	0.013	0.54	15.8	9.2	0.86	353	0.45	0.08
W452864		0.84	36.2	3.60	8.80	0.06	0.25	<0.01	0.012	0.69	14.6	11.0	1.04	376	0.20	0.12
W452865		0.96	29.4	3.37	7.10	0.06	0.24	<0.01	0.019	0.72	16.1	11.9	0.96	371	0.23	0.09

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 13-MAR-2018
Account: WHITIG

Project: MAR18-01

CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W452831		0.12	87.9	310	0.6	15.5	0.002	0.01	<0.05	2.9	0.2	0.4	51.5	<0.01	0.01	0.6
W452832		<0.05	22.8	460	12.5	35.0	<0.001	0.07	<0.05	4.7	0.2	0.6	5.4	<0.01	0.01	1.9
W452833		<0.05	25.0	470	6.3	28.3	<0.001	<0.01	<0.05	5.1	<0.2	0.7	5.2	<0.01	0.01	2.6
W452834		<0.05	24.1	450	6.6	38.0	0.001	<0.01	<0.05	5.8	<0.2	0.7	5.9	<0.01	<0.01	2.2
W452835		<0.05	17.8	420	4.9	5.5	<0.001	<0.01	<0.05	3.3	<0.2	0.4	2.6	<0.01	<0.01	2.2
W452836		<0.05	23.0	450	6.3	22.2	<0.001	0.01	<0.05	5.3	<0.2	0.6	4.8	<0.01	0.01	2.1
W452837		0.05	21.0	440	14.3	38.5	<0.001	0.09	<0.05	5.6	0.6	0.7	8.4	<0.01	0.02	2.3
W452838		<0.05	23.9	460	38.3	27.2	<0.001	0.18	<0.05	5.6	1.5	0.6	5.9	<0.01	0.02	2.0
W452839		<0.05	25.4	480	122.0	33.5	<0.001	0.22	<0.05	4.9	4.2	0.6	5.5	<0.01	0.12	1.9
W452840		<0.05	22.8	470	43.7	27.5	0.001	0.18	<0.05	4.1	3.8	0.5	6.3	<0.01	0.12	1.8
W452841		0.05	23.9	520	7.7	22.9	<0.001	0.18	<0.05	3.6	2.7	0.5	5.2	<0.01	0.04	2.0
W452842		0.05	23.6	500	7.0	18.0	<0.001	0.26	<0.05	2.9	6.9	0.4	3.9	<0.01	0.03	2.0
W452843		<0.05	25.3	430	6.4	36.8	<0.001	0.04	<0.05	4.5	0.6	0.6	4.2	<0.01	0.01	2.3
W452844		<0.05	21.9	450	3.2	19.6	<0.001	0.07	<0.05	3.2	0.7	0.4	4.8	<0.01	0.02	2.2
W452845		<0.05	22.4	460	3.4	21.8	<0.001	0.07	<0.05	4.8	0.3	0.6	6.3	<0.01	0.01	2.3
W452846		<0.05	20.9	720	3.7	8.3	<0.001	0.28	<0.05	3.4	1.9	0.4	6.3	<0.01	0.05	2.1
W452847		<0.05	23.1	480	6.9	6.7	<0.001	0.14	<0.05	3.9	0.6	0.2	6.2	<0.01	0.01	2.4
W452848		<0.05	21.7	490	8.6	10.8	<0.001	0.19	<0.05	4.6	1.9	0.4	8.5	<0.01	0.04	2.0
W452849		0.06	26.0	460	7.7	19.1	<0.001	0.40	<0.05	4.9	3.1	0.5	5.5	<0.01	0.04	2.1
W452850		0.07	24.1	520	6.6	29.4	<0.001	0.27	<0.05	5.8	2.0	0.7	4.9	<0.01	0.03	1.9
W452851		0.18	119.5	350	14.3	9.2	0.003	0.12	1.75	3.2	0.3	1.3	88.8	<0.01	0.04	3.2
W452852		0.08	23.3	510	4.9	28.5	<0.001	0.23	<0.05	6.0	0.9	0.9	5.2	<0.01	0.02	1.9
W452853		0.09	22.4	510	5.5	26.9	<0.001	0.08	<0.05	6.8	0.2	1.0	6.9	<0.01	0.02	2.2
W452854		0.14	15.0	330	18.3	19.3	<0.001	3.76	0.05	4.6	20.1	0.8	3.7	<0.01	0.14	1.6
W452855		0.11	23.3	470	9.9	31.1	<0.001	0.18	<0.05	6.7	0.8	0.9	11.4	<0.01	0.04	2.4
W452856		0.18	28.2	880	76.8	31.6	0.001	0.16	<0.05	8.5	0.7	1.0	38.9	<0.01	0.05	2.2
W452857		0.23	39.1	870	12.7	29.8	0.001	0.58	<0.05	6.4	0.8	0.7	35.4	<0.01	0.06	1.9
W452858		0.20	37.0	930	10.1	35.7	0.001	0.31	<0.05	7.6	0.2	0.8	33.2	<0.01	0.01	2.0
W452859		0.28	35.2	890	21.4	35.0	<0.001	0.42	<0.05	9.0	0.3	1.0	107.5	0.01	0.02	2.6
W452860		0.20	37.2	990	9.7	24.8	<0.001	0.39	<0.05	6.8	0.4	0.7	32.2	<0.01	0.12	2.1
W452861		0.22	36.7	910	13.5	16.6	<0.001	0.24	<0.05	6.5	0.3	0.6	25.3	<0.01	0.03	2.1
W452862		0.14	34.4	990	26.6	23.6	<0.001	0.40	0.20	6.0	0.4	0.5	37.9	<0.01	0.11	2.0
W452863		0.25	45.1	890	13.4	17.8	<0.001	2.09	0.61	5.1	0.4	0.4	11.3	<0.01	0.24	1.8
W452864		0.29	34.9	880	11.8	21.6	<0.001	0.89	<0.05	6.3	0.3	0.6	21.2	<0.01	0.13	1.8
W452865		0.32	38.3	960	9.1	23.9	<0.001	0.37	<0.05	5.5	0.2	0.6	15.4	<0.01	0.11	1.8

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CERTIFICATE OF ANALYSIS TB18042610

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Cu	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.001
W452831		0.299	0.22	0.12	152	<0.05	9.95	45	9.4		
W452832		0.141	0.22	0.20	43	0.07	2.76	202	10.6		
W452833		0.115	0.18	0.22	43	<0.05	3.79	352	11.1		
W452834		0.116	0.23	0.22	50	<0.05	3.39	191	9.7		
W452835		0.032	0.03	0.17	33	<0.05	3.30	262	7.7		
W452836		0.079	0.14	0.19	43	<0.05	3.29	177	9.4		
W452837		0.143	0.21	0.23	43	0.06	2.52	219	11.7		
W452838		0.110	0.18	0.22	44	0.09	2.63	141	11.0		
W452839		0.116	0.20	0.21	42	0.14	2.77	169	12.6		
W452840		0.096	0.18	0.20	33	0.46	2.80	166	11.1		
W452841		0.087	0.14	0.25	34	0.13	3.05	90	9.2		
W452842		0.072	0.12	0.23	26	0.20	2.82	88	8.1		
W452843		0.133	0.22	0.29	46	0.12	2.91	137	11.5		
W452844		0.070	0.13	0.28	33	0.08	3.02	102	8.0		
W452845		0.087	0.15	0.23	42	0.06	3.29	90	9.4		
W452846		0.036	0.07	0.21	31	<0.05	3.67	223	8.9		
W452847		0.024	0.05	0.24	37	<0.05	3.51	223	9.4		
W452848		0.059	0.08	0.22	37	0.05	3.06	166	10.5		
W452849		0.088	0.14	0.25	41	0.15	2.68	102	12.2		
W452850		0.133	0.19	0.23	49	0.10	2.75	128	12.6		
W452851		0.113	0.07	1.02	68	1.44	6.89	53	3.3		
W452852		0.138	0.16	0.22	49	0.09	2.81	156	13.1		
W452853		0.126	0.18	0.23	51	0.29	2.95	77	12.1		
W452854		0.109	0.13	0.22	37	0.21	2.70	>10000	14.0	0.032	6.22
W452855		0.147	0.19	0.25	51	0.29	2.75	238	13.7		
W452856		0.186	0.22	0.20	64	0.26	4.83	461	9.2		
W452857		0.167	0.19	0.18	50	0.19	4.17	111	11.3	0.008	
W452858		0.182	0.22	0.18	57	0.11	4.68	86	11.8	0.003	
W452859		0.186	0.23	0.21	63	0.16	6.22	91	7.7	0.004	
W452860		0.166	0.17	0.21	54	0.12	5.53	63	11.4	0.006	
W452861		0.165	0.12	0.20	54	0.17	5.84	76	9.5	0.004	
W452862		0.193	0.18	0.30	66	1.02	5.30	135	5.7	0.006	
W452863		0.140	0.14	0.23	49	0.18	5.44	79	14.3	0.014	
W452864		0.157	0.15	0.19	56	0.17	4.84	53	10.2	0.004	
W452865		0.142	0.17	0.20	51	0.12	4.50	21	9.7		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 13-MAR-2018
Account: WHITIG

Project: MAR18-01

CERTIFICATE OF ANALYSIS TB18042610

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	Cu-OG46	ME-MS41	ME-OG46
Zn-OG46			

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 18-MAR-2018
Account: WHITIG

CERTIFICATE TB18045973

Project: Marshall MAR-02

This report is for 55 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 1-MAR-2018.

The following have access to data associated with this certificate:

GEORGE MANNARD	ROBERT MIDDLETON	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	ICP-AES

To: **COPPER LAKE RESOURCES LTD.**
ATTN: ROBERT MIDDLETON
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

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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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 18-MAR-2018
Account: WHITIG

Project: Marshall MAR-02

CERTIFICATE OF ANALYSIS TB18045973

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W452866		2.27	<0.001	0.44	2.56	0.7	<0.02	<10	100	0.34	0.45	0.19	4.07	18.10	14.4	27
W452867		2.28	<0.001	0.42	2.47	0.4	<0.02	<10	100	0.37	0.22	0.23	2.38	18.50	10.7	30
W452868		2.26	<0.001	0.49	2.48	0.5	<0.02	<10	160	0.29	0.22	0.22	1.59	21.4	9.6	30
W452869		2.28	<0.001	0.42	2.25	0.6	<0.02	<10	150	0.27	0.25	0.22	1.62	19.15	11.4	28
W452870		2.29	<0.001	0.23	2.16	0.3	<0.02	<10	200	0.26	0.12	0.21	1.07	18.45	9.8	30
W452871		2.56	<0.001	0.22	3.69	0.4	<0.02	<10	180	0.30	0.14	1.20	0.55	24.7	10.4	33
W452872		2.30	<0.001	0.26	2.56	0.2	<0.02	<10	180	0.34	0.15	0.28	0.24	23.7	11.3	34
W452873		2.24	<0.001	0.26	2.55	0.4	<0.02	<10	140	0.33	0.15	0.31	0.15	20.1	10.3	29
W452874		2.39	<0.001	0.14	2.59	0.4	<0.02	<10	90	0.31	0.10	0.47	0.16	24.8	9.0	33
W452875		2.31	<0.001	1.00	2.14	0.5	<0.02	<10	40	0.36	0.61	0.26	2.31	20.7	16.0	27
W452876		2.30	<0.001	0.39	2.08	0.6	<0.02	<10	50	0.35	0.32	0.23	1.78	16.90	8.9	24
W452877		2.30	<0.001	0.57	2.63	0.5	<0.02	<10	10	0.23	0.94	0.46	2.40	22.4	12.0	25
W452878		2.30	<0.001	0.17	2.20	<0.1	<0.02	<10	40	0.56	0.24	0.21	0.57	20.7	7.7	24
W452879		2.30	<0.001	0.28	1.90	0.1	<0.02	<10	50	0.42	0.33	0.17	1.07	20.8	7.8	19
W452880		2.36	<0.001	1.10	1.87	0.3	<0.02	<10	70	0.62	1.89	0.18	2.75	21.1	14.2	18
W452881		2.24	<0.001	0.77	2.24	0.2	<0.02	<10	50	0.31	0.45	0.32	2.10	22.5	13.1	29
W452882		2.35	<0.001	0.30	2.54	0.1	<0.02	<10	160	0.31	0.19	0.33	1.06	22.7	10.1	32
W452883		2.39	<0.001	0.33	2.43	0.2	<0.02	<10	170	0.24	0.21	0.22	1.13	22.0	10.9	35
W452884		2.30	<0.001	0.29	2.21	0.1	<0.02	<10	140	0.39	0.25	0.41	0.20	25.2	7.9	29
W452885		2.42	<0.001	0.37	3.97	0.2	<0.02	<10	170	0.31	0.44	1.15	0.42	31.5	12.1	35
W452886		0.04	0.563	0.58	2.69	181.5	0.36	<10	130	0.21	0.13	1.81	0.24	16.05	13.8	107
W452887		2.38	<0.001	0.87	2.39	0.4	<0.02	<10	150	0.29	0.63	0.20	0.32	15.30	13.6	30
W452888		2.47	<0.001	1.80	2.24	0.1	<0.02	<10	100	0.27	2.26	0.30	2.49	17.55	22.1	31
W452889		2.34	<0.001	0.05	3.64	0.1	<0.02	<10	90	0.13	0.07	0.23	0.05	32.1	12.7	40
W452890		1.21	<0.001	0.30	3.47	0.4	<0.02	<10	<10	<0.05	0.48	0.10	0.12	10.80	22.8	20
W452891		2.13	<0.001	0.04	4.16	0.2	<0.02	<10	130	0.10	0.04	0.18	0.05	29.4	13.9	39
W452892		2.27	<0.001	0.12	3.00	<0.1	<0.02	<10	190	0.16	0.12	0.21	0.02	20.3	12.7	33
W452893		2.19	<0.001	1.04	3.40	0.1	<0.02	<10	210	0.24	0.79	0.14	0.06	13.05	25.3	32
W452894		2.31	0.010	3.81	3.16	0.1	<0.02	<10	90	0.18	1.36	0.15	2.00	21.8	14.8	24
W452895		3.37	<0.001	0.40	3.42	0.1	<0.02	<10	40	0.14	0.22	0.28	0.29	23.3	14.0	29
W452896		2.35	0.001	1.98	2.74	0.1	<0.02	<10	160	0.20	0.74	0.20	1.09	19.25	14.9	31
W452897		2.29	0.031	4.97	2.60	0.3	0.02	<10	200	0.06	3.28	0.16	1.85	14.50	16.8	22
W452898		2.72	<0.001	0.17	3.34	0.1	<0.02	<10	230	0.27	0.29	0.20	0.12	22.7	13.2	32
W452899		2.21	<0.001	0.11	2.73	0.2	<0.02	<10	200	0.16	0.60	0.23	0.23	24.9	8.4	31
W452900		2.29	<0.001	0.20	2.81	<0.1	<0.02	<10	140	0.21	0.37	0.27	0.20	23.4	10.4	28
W452901		1.83	0.001	0.85	2.56	0.1	<0.02	<10	150	0.20	0.38	0.33	1.44	14.80	13.7	21
W452902		2.49	<0.001	2.96	3.14	0.5	<0.02	<10	50	0.19	0.39	0.54	1.58	10.55	24.7	56
W452903		2.40	<0.001	0.20	3.26	<0.1	<0.02	<10	240	0.29	0.06	0.20	0.16	21.7	10.5	26
W452904		1.32	0.001	2.20	2.70	0.5	<0.02	<10	150	0.05	0.65	0.51	0.67	20.1	74.3	22
W452905		2.34	0.002	11.25	3.58	<0.1	<0.02	<10	190	0.16	29.2	0.33	3.48	25.0	12.5	27

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 18-MAR-2018
Account: WHITIG

Project: Marshall MAR-02

CERTIFICATE OF ANALYSIS TB18045973

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W452866		0.83	79.4	3.53	6.26	0.06	0.27	0.01	0.023	0.72	8.7	42.3	1.54	673	3.03	0.06
W452867		0.96	74.3	3.27	7.61	0.05	0.29	<0.01	0.022	0.76	8.7	24.8	1.70	662	0.45	0.06
W452868		0.90	77.5	3.21	8.43	0.09	0.31	<0.01	0.020	1.20	10.6	17.2	1.87	621	0.77	0.08
W452869		0.73	40.6	3.12	7.41	0.07	0.29	<0.01	0.021	1.05	9.0	15.2	1.64	580	0.37	0.06
W452870		0.75	13.5	2.82	7.62	0.06	0.36	<0.01	0.020	1.13	9.0	15.1	1.50	549	0.15	0.06
W452871		1.39	14.8	3.30	11.00	0.09	0.26	<0.01	0.021	1.47	12.2	18.2	2.14	672	0.16	0.14
W452872		1.05	6.4	3.24	9.57	0.08	0.32	<0.01	0.025	1.41	11.6	14.8	1.75	637	0.14	0.09
W452873		0.79	8.2	3.21	8.81	0.08	0.26	<0.01	0.020	1.10	9.9	24.9	1.71	644	0.31	0.09
W452874		1.13	12.3	3.19	8.70	0.07	0.28	<0.01	0.017	0.85	12.4	14.6	1.93	771	0.36	0.09
W452875		1.37	73.4	4.13	7.11	0.06	0.27	0.01	0.018	0.35	10.3	17.8	1.67	823	0.61	0.03
W452876		1.15	54.8	3.09	7.54	0.05	0.27	<0.01	0.032	0.50	8.0	22.3	1.44	603	0.17	0.04
W452877		0.52	42.0	4.70	11.20	0.10	0.25	0.01	0.022	0.16	11.1	16.3	2.30	1200	0.17	0.04
W452878		2.38	21.1	3.67	7.40	0.05	0.22	<0.01	0.010	0.34	9.9	19.4	1.41	760	0.11	0.03
W452879		1.37	34.6	3.01	5.27	0.05	0.26	<0.01	0.015	0.54	9.9	17.5	1.13	487	0.13	0.03
W452880		1.28	165.5	3.25	4.93	0.07	0.30	0.01	0.021	0.69	9.9	22.9	1.07	455	0.33	0.04
W452881		1.09	159.5	3.80	8.73	0.08	0.31	<0.01	0.023	0.47	10.4	14.5	1.73	722	0.44	0.04
W452882		0.82	27.2	3.17	8.72	0.09	0.28	0.01	0.024	1.13	11.0	21.9	1.60	559	0.27	0.08
W452883		0.80	21.0	3.20	8.74	0.09	0.35	<0.01	0.024	1.32	10.6	15.1	1.66	541	0.24	0.09
W452884		0.76	13.8	2.65	6.74	0.07	0.23	<0.01	0.018	0.84	11.6	25.1	1.30	474	0.38	0.08
W452885		1.33	21.5	4.32	12.80	0.10	0.23	<0.01	0.029	1.36	16.2	15.6	2.48	723	0.28	0.14
W452886		0.72	286	2.94	5.76	0.08	0.13	0.02	0.018	0.22	8.0	9.8	1.44	453	6.59	0.29
W452887		0.92	113.0	3.95	8.09	0.09	0.25	<0.01	0.020	1.10	7.8	21.9	1.57	667	0.84	0.05
W452888		0.69	273	4.82	9.54	0.08	0.30	0.01	0.033	0.68	8.1	12.3	1.80	928	0.35	0.04
W452889		1.05	14.1	4.02	11.30	0.08	0.28	<0.01	0.010	0.74	14.4	21.6	2.93	849	0.34	0.03
W452890		0.07	161.0	4.73	11.20	0.09	0.16	0.01	0.007	0.02	6.2	5.8	3.47	847	2.13	<0.01
W452891		1.22	6.6	4.52	13.20	0.06	0.21	<0.01	0.011	1.04	13.6	25.4	3.35	930	0.30	0.03
W452892		1.30	24.1	3.75	9.20	0.07	0.17	<0.01	0.011	1.19	9.3	22.7	2.13	744	0.42	0.04
W452893		1.76	384	5.38	10.55	0.10	0.19	<0.01	0.015	1.74	6.3	17.8	2.19	689	0.51	0.04
W452894		1.42	540	4.22	11.25	0.07	0.27	0.01	0.011	0.68	10.6	29.7	2.40	724	0.33	0.03
W452895		1.13	53.3	4.57	14.25	0.10	0.29	0.01	0.009	0.34	11.0	15.6	3.12	899	0.13	0.02
W452896		2.09	279	3.83	9.74	0.08	0.21	<0.01	0.009	1.16	9.0	25.1	1.93	642	0.37	0.05
W452897		1.76	1160	3.62	10.35	0.06	0.24	0.01	0.027	1.33	7.7	21.2	1.86	682	0.20	0.04
W452898		3.07	36.8	3.82	11.50	0.08	0.29	<0.01	0.018	1.68	10.8	35.9	2.41	804	0.21	0.06
W452899		2.18	5.3	3.10	7.37	0.08	0.28	<0.01	0.021	1.35	11.8	24.0	2.10	474	0.13	0.04
W452900		2.31	26.4	3.42	9.75	0.07	0.26	<0.01	0.016	0.88	11.5	29.3	2.18	682	1.03	0.03
W452901		1.36	277	3.73	8.91	0.06	0.26	<0.01	0.015	0.87	7.7	22.3	2.10	747	1.29	0.03
W452902		1.00	806	4.99	9.85	0.07	0.35	0.02	0.013	0.40	5.5	28.9	2.73	1160	0.71	0.02
W452903		1.41	38.2	3.73	10.45	0.07	0.19	<0.01	0.005	1.23	10.9	54.4	2.06	706	0.10	0.06
W452904		1.53	1040	5.05	9.91	0.10	0.24	0.01	0.015	0.97	10.3	20.7	2.19	608	0.39	0.07
W452905		1.46	144.0	4.28	12.20	0.12	0.26	0.01	0.019	1.32	12.5	35.1	2.80	730	3.35	0.09

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 18-MAR-2018
Account: WHITIG

Project: Marshall MAR-02

CERTIFICATE OF ANALYSIS TB18045973

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W452866		0.12	32.9	680	4.8	19.5	<0.001	0.70	<0.05	5.7	1.0	0.7	4.2	<0.01	0.31	1.8
W452867		0.09	29.6	820	5.0	20.1	<0.001	0.52	<0.05	5.4	0.7	0.5	4.5	<0.01	0.12	1.6
W452868		0.08	28.4	600	6.6	29.6	<0.001	0.61	0.05	6.8	0.8	0.7	4.5	<0.01	0.15	1.8
W452869		0.11	24.1	590	5.7	24.6	<0.001	0.67	<0.05	5.2	0.4	1.0	3.8	<0.01	0.09	1.6
W452870		0.06	22.4	590	6.8	30.6	<0.001	0.42	<0.05	6.0	0.2	0.7	3.7	<0.01	0.03	1.7
W452871		0.08	24.2	530	15.4	33.6	<0.001	0.58	<0.05	6.5	0.4	0.8	15.7	<0.01	0.05	2.1
W452872		0.12	25.0	590	8.5	33.4	<0.001	0.47	<0.05	6.6	0.2	0.8	4.8	<0.01	0.04	2.1
W452873		0.11	27.3	520	8.9	26.3	<0.001	0.48	<0.05	5.1	0.5	0.7	5.3	<0.01	0.03	1.7
W452874		0.11	27.2	620	13.8	18.8	<0.001	0.22	<0.05	5.6	0.3	0.7	7.3	<0.01	0.01	2.2
W452875		0.08	28.4	500	104.5	9.4	<0.001	1.33	0.06	4.5	1.7	0.5	6.4	<0.01	0.04	1.9
W452876		0.12	21.5	640	34.4	11.1	<0.001	0.35	<0.05	5.2	2.0	0.7	5.8	<0.01	0.02	1.7
W452877		0.09	25.4	590	54.3	3.8	<0.001	0.55	<0.05	5.4	3.8	0.7	3.7	<0.01	0.07	2.0
W452878		0.07	20.8	610	19.4	10.2	<0.001	0.31	<0.05	4.2	1.0	0.5	7.4	<0.01	0.03	2.1
W452879		0.10	19.7	620	31.9	15.4	<0.001	0.34	<0.05	4.4	1.2	0.6	5.3	<0.01	0.04	2.0
W452880		0.16	28.1	700	60.3	19.7	<0.001	0.79	0.06	4.9	3.1	0.6	6.4	<0.01	0.06	1.7
W452881		0.15	28.0	780	41.5	11.8	<0.001	0.58	<0.05	5.5	0.7	0.7	3.4	<0.01	0.07	2.0
W452882		0.14	27.3	590	19.6	28.9	<0.001	0.23	<0.05	7.1	0.6	1.0	5.1	<0.01	0.07	2.0
W452883		0.16	27.0	560	11.9	31.0	<0.001	0.27	<0.05	7.2	0.9	1.0	4.0	<0.01	0.10	1.9
W452884		0.15	22.3	850	14.3	20.3	<0.001	0.24	<0.05	5.0	0.5	0.7	6.8	<0.01	0.09	1.8
W452885		0.11	29.6	660	38.7	33.1	<0.001	0.33	<0.05	7.0	0.9	0.9	16.5	<0.01	0.12	2.5
W452886		0.22	115.5	350	13.9	9.0	<0.001	0.12	1.89	2.9	0.2	1.3	80.3	<0.01	0.03	3.1
W452887		0.17	27.4	530	33.3	28.6	0.002	0.69	<0.05	5.4	1.9	0.8	4.7	<0.01	0.18	1.4
W452888		0.19	38.3	770	50.8	17.4	<0.001	1.18	0.07	5.7	3.5	0.9	2.9	<0.01	0.31	1.5
W452889		0.07	33.0	650	14.5	19.1	<0.001	0.05	<0.05	5.6	<0.2	0.7	7.7	<0.01	0.02	2.1
W452890		<0.05	21.5	390	7.5	0.7	<0.001	0.60	<0.05	3.2	6.5	0.2	0.8	<0.01	0.19	0.8
W452891		0.08	35.7	640	15.2	28.2	<0.001	0.02	<0.05	5.8	<0.2	0.7	6.1	<0.01	<0.01	2.1
W452892		0.10	29.2	650	15.9	33.9	<0.001	0.08	<0.05	5.3	0.3	0.9	4.3	<0.01	0.02	1.3
W452893		0.13	31.6	570	31.3	51.5	<0.001	0.87	<0.05	4.9	2.0	0.8	3.0	<0.01	0.23	0.9
W452894		0.13	21.2	370	51.9	18.9	<0.001	0.53	<0.05	4.3	1.6	0.5	10.1	<0.01	0.16	2.1
W452895		0.17	24.7	440	26.2	10.1	<0.001	0.16	<0.05	5.0	0.2	0.5	6.2	0.01	0.05	2.2
W452896		0.10	27.5	520	48.6	33.9	<0.001	0.45	<0.05	5.2	1.3	0.7	6.9	<0.01	0.12	1.4
W452897		<0.05	21.2	380	84.3	37.5	<0.001	0.45	<0.05	4.8	1.9	0.8	5.4	<0.01	0.17	1.4
W452898		0.07	33.6	510	34.9	50.3	<0.001	0.09	<0.05	6.8	0.3	1.0	9.0	<0.01	0.01	1.7
W452899		<0.05	33.4	620	21.6	39.9	<0.001	0.02	<0.05	6.6	0.3	0.8	7.9	<0.01	<0.01	1.7
W452900		0.06	25.6	550	27.1	26.4	<0.001	0.06	<0.05	5.6	0.2	0.9	7.0	<0.01	<0.01	2.1
W452901		0.06	16.8	390	91.3	22.3	<0.001	0.48	<0.05	4.9	2.4	0.7	5.5	<0.01	0.13	1.7
W452902		0.10	26.5	540	137.5	10.6	<0.001	0.81	<0.05	4.4	6.0	0.5	4.1	<0.01	0.29	1.9
W452903		0.08	22.2	440	63.1	34.5	<0.001	0.12	<0.05	5.7	0.4	0.6	9.6	<0.01	0.04	2.2
W452904		0.17	21.9	270	132.0	29.5	0.004	1.69	0.07	5.8	8.7	0.7	6.9	<0.01	0.54	1.9
W452905		0.17	24.1	380	1345	39.3	0.001	0.30	<0.05	6.7	6.8	0.9	10.3	<0.01	2.60	2.9

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 18-MAR-2018
Account: WHITIG

Project: Marshall MAR-02

CERTIFICATE OF ANALYSIS TB18045973

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Cu	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.001
W452866		0.109	0.14	0.23	46	0.23	3.23	145	11.4		
W452867		0.112	0.14	0.20	42	0.15	3.88	278	12.2		
W452868		0.142	0.19	0.21	52	0.17	3.11	235	13.9		
W452869		0.130	0.13	0.18	44	0.18	2.86	188	13.3		
W452870		0.148	0.20	0.22	51	0.17	3.00	151	16.2		
W452871		0.173	0.22	0.21	54	0.18	2.99	128	11.5		
W452872		0.171	0.20	0.24	57	0.19	3.10	89	15.3		
W452873		0.139	0.15	0.19	49	0.21	2.69	85	11.9		
W452874		0.135	0.14	0.24	52	0.19	3.14	125	11.8		
W452875		0.079	0.06	0.27	41	0.14	3.48	729	11.9		
W452876		0.100	0.08	0.22	50	0.20	3.72	559	11.5		
W452877		0.114	0.03	0.25	57	0.20	3.74	675	10.6		
W452878		0.058	0.08	0.29	47	0.10	4.09	63	10.4		
W452879		0.076	0.12	0.29	42	0.10	4.22	60	12.4		
W452880		0.095	0.15	0.33	38	0.13	4.34	158	11.9		
W452881		0.134	0.09	0.25	49	0.18	4.07	572	12.9		
W452882		0.156	0.18	0.23	52	0.21	3.18	165	13.6		
W452883		0.167	0.16	0.23	56	0.17	3.07	190	14.5		
W452884		0.125	0.13	0.21	43	0.18	3.95	143	10.5		
W452885		0.181	0.23	0.28	60	0.12	3.88	305	10.8		
W452886		0.106	0.08	0.96	67	1.50	6.61	52	3.2		
W452887		0.155	0.20	0.19	45	0.11	2.93	225	10.9		
W452888		0.162	0.12	0.19	45	0.14	4.11	940	11.9		
W452889		0.114	0.13	0.15	40	0.13	4.04	162	11.6		
W452890		0.018	<0.02	0.07	25	0.16	1.82	109	6.5		
W452891		0.115	0.19	0.13	42	0.11	3.94	113	10.6		
W452892		0.140	0.25	0.13	38	0.18	3.38	83	8.1		
W452893		0.164	0.42	0.13	39	0.20	2.35	89	8.3		
W452894		0.089	0.21	0.17	31	0.17	2.71	503	11.8		
W452895		0.119	0.08	0.16	35	0.16	2.96	470	13.5		
W452896		0.128	0.29	0.15	35	0.24	2.90	232	9.0		
W452897		0.140	0.30	0.17	40	0.25	2.46	267	11.1		
W452898		0.179	0.39	0.20	47	0.19	3.66	190	13.7		
W452899		0.159	0.31	0.17	40	0.14	4.08	197	11.7		
W452900		0.138	0.20	0.19	40	0.22	4.02	281	12.0		
W452901		0.119	0.19	0.17	36	0.26	2.64	385	10.1		
W452902		0.127	0.07	0.20	34	0.77	2.79	1280	13.8		
W452903		0.137	0.26	0.19	44	0.23	2.71	204	9.2		
W452904		0.124	0.22	0.18	35	0.16	1.95	430	9.1		
W452905		0.170	0.33	0.26	41	0.16	3.15	1110	11.9		

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 18-MAR-2018
Account: WHITIG

Project: Marshall MAR-02

CERTIFICATE OF ANALYSIS TB18045973

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W452906		0.12	0.002	0.06	2.54	0.3	<0.02	10	120	0.07	0.05	1.53	0.05	8.67	27.9	11
W452907		1.16	0.013	5.37	4.59	0.5	<0.02	<10	100	<0.05	1.14	0.29	9.47	30.9	34.5	17
W452908		2.57	<0.001	0.32	3.53	0.4	<0.02	<10	170	0.13	0.33	0.28	0.38	19.55	12.7	21
W452909		2.40	<0.001	0.89	2.74	0.3	<0.02	<10	250	0.12	1.88	0.14	0.17	21.3	11.4	23
W452910		2.36	<0.001	0.67	3.35	0.1	<0.02	<10	220	0.13	1.21	0.13	0.16	13.15	12.4	24
W452911		2.39	<0.001	0.77	3.08	<0.1	<0.02	<10	230	0.17	0.94	0.12	0.23	10.20	15.3	19
W452912		2.33	0.015	13.00	3.71	0.1	0.02	<10	140	<0.05	6.16	0.38	2.15	23.7	23.8	21
W452913		2.35	<0.001	0.14	4.03	0.2	<0.02	<10	90	0.66	0.08	0.77	0.07	28.3	11.6	27
W452914		2.62	<0.001	0.05	4.41	0.3	<0.02	<10	130	0.14	0.06	0.85	0.11	29.1	12.5	25
W452915		2.52	<0.001	0.95	2.51	0.5	<0.02	<10	160	0.14	1.47	0.11	0.33	20.2	12.5	19
W452916		1.19	0.306	48.7	1.28	1.6	0.32	<10	10	<0.05	12.55	0.06	125.5	4.91	23.2	8
W452917		2.34	<0.001	1.08	2.99	0.2	<0.02	<10	120	0.13	0.29	0.16	0.25	27.4	10.5	26
W452918		2.20	<0.001	0.18	2.97	0.2	<0.02	<10	110	0.25	0.16	0.13	0.08	19.75	9.8	26
W452919		1.18	0.007	3.20	4.80	0.2	<0.02	<10	100	<0.05	0.71	0.21	121.5	11.95	19.5	21
W452920		2.33	0.012	0.21	3.48	0.2	<0.02	<10	100	0.37	0.10	0.13	0.18	18.15	10.1	23

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 18-MAR-2018
Account: WHITIG

Project: Marshall MAR-02

CERTIFICATE OF ANALYSIS TB18045973

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W452906		2.32	149.0	4.10	7.37	0.07	0.29	0.01	0.022	0.27	3.7	27.1	1.52	435	0.22	0.33
W452907		0.81	892	7.38	15.40	0.14	0.21	0.03	0.058	0.72	19.0	16.8	4.23	1000	2.08	0.02
W452908		1.09	116.0	4.41	11.25	0.09	0.19	0.01	0.018	1.09	9.9	24.9	2.88	718	1.08	0.05
W452909		1.04	36.2	3.22	10.10	0.09	0.29	0.01	0.014	1.28	10.9	38.3	1.76	551	1.06	0.05
W452910		1.35	54.9	4.16	10.40	0.09	0.22	0.01	0.012	1.65	6.7	35.1	2.40	708	1.68	0.05
W452911		1.45	149.0	4.20	9.52	0.10	0.17	0.01	0.014	1.62	5.4	31.8	2.28	689	1.51	0.05
W452912		1.00	1230	5.55	14.35	0.12	0.22	0.01	0.009	1.07	13.0	17.8	3.34	864	0.99	0.06
W452913		0.77	26.6	3.54	14.45	0.11	0.26	0.01	0.009	0.65	14.6	33.5	3.09	840	0.10	0.11
W452914		1.09	11.0	4.06	15.80	0.11	0.26	<0.01	0.007	0.95	15.6	23.4	3.49	893	0.07	0.12
W452915		1.41	181.0	3.91	6.28	0.07	0.25	<0.01	0.015	1.25	10.7	13.2	1.73	695	0.40	0.02
W452916		0.67	>10000	7.77	5.06	0.21	0.09	0.45	0.179	0.12	2.9	2.2	1.25	782	0.71	<0.01
W452917		1.06	258	3.85	12.10	0.11	0.29	<0.01	0.006	1.10	14.3	10.0	2.75	577	0.56	0.04
W452918		1.33	39.4	2.82	10.40	0.05	0.23	0.01	0.010	0.73	10.3	45.1	2.24	796	0.15	0.04
W452919		0.95	371	5.44	15.10	0.12	0.23	0.29	0.319	1.01	6.5	16.5	5.19	1180	5.28	0.01
W452920		0.83	18.4	3.42	11.65	0.08	0.24	0.01	0.006	0.94	9.2	25.0	3.35	878	1.45	0.03

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Finalized Date: 18-MAR-2018
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Project: Marshall MAR-02

CERTIFICATE OF ANALYSIS TB18045973

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W452906		0.16	86.7	310	2.3	14.7	0.001	0.03	0.05	3.1	0.2	0.4	50.7	<0.01	0.02	0.6
W452907		0.23	31.8	370	378	23.4	0.264	1.91	0.07	5.7	13.8	0.6	2.4	0.01	0.71	2.0
W452908		0.16	20.6	350	98.0	34.0	0.001	0.26	<0.05	5.8	2.1	0.7	6.4	<0.01	0.08	2.1
W452909		0.13	18.8	420	106.0	41.3	0.001	0.10	<0.05	7.0	0.9	0.8	4.6	<0.01	0.10	2.1
W452910		0.10	17.1	300	108.0	50.2	0.001	0.23	<0.05	5.7	2.1	0.8	3.7	<0.01	0.11	1.8
W452911		0.09	17.6	280	155.5	47.5	<0.001	0.48	<0.05	4.6	3.1	0.8	6.4	<0.01	0.21	1.4
W452912		0.16	22.5	320	180.0	33.4	0.001	1.17	<0.05	5.7	8.3	0.7	8.1	<0.01	0.58	2.3
W452913		0.15	21.0	410	104.5	20.7	<0.001	0.06	<0.05	7.9	0.6	0.5	22.9	0.01	0.01	3.1
W452914		0.15	20.2	400	113.5	30.8	<0.001	0.03	<0.05	7.6	0.2	0.7	27.1	<0.01	0.02	3.2
W452915		0.16	22.7	380	57.5	44.9	<0.001	0.35	<0.05	5.2	2.1	0.7	2.3	<0.01	0.08	2.1
W452916		0.09	15.9	180	19.2	4.8	<0.001	5.39	<0.05	1.4	63.4	0.3	0.6	<0.01	1.19	0.5
W452917		0.20	21.4	380	33.3	37.5	<0.001	0.27	<0.05	7.2	2.0	0.6	3.3	<0.01	0.06	2.8
W452918		0.06	22.6	410	24.6	26.4	<0.001	0.13	<0.05	7.1	1.3	0.6	4.9	<0.01	0.03	1.9
W452919		0.15	18.1	450	13.8	33.9	0.002	0.89	<0.05	6.8	8.4	0.6	1.2	<0.01	0.08	1.4
W452920		0.09	19.3	390	16.3	31.8	<0.001	0.04	<0.05	6.4	0.6	0.6	2.4	<0.01	0.01	1.9

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 18-MAR-2018
Account: WHITIG

Project: Marshall MAR-02

CERTIFICATE OF ANALYSIS TB18045973

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Cu	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.001
W452906		0.281	0.20	0.15	149	0.06	9.71	42	11.3		
W452907		0.124	0.25	0.23	37	0.12	2.55	3740	10.2		
W452908		0.133	0.22	0.19	38	0.17	2.56	563	9.9		
W452909		0.135	0.25	0.24	39	0.19	2.95	132	12.9		
W452910		0.126	0.31	0.18	38	0.19	2.11	145	9.6		
W452911		0.116	0.31	0.16	38	0.21	1.78	148	7.9		
W452912		0.140	0.24	0.21	39	0.25	2.63	709	10.1		
W452913		0.107	0.12	0.29	36	0.23	4.40	361	11.3		
W452914		0.130	0.17	0.30	38	0.18	3.60	325	11.7		
W452915		0.121	0.30	0.28	39	0.12	2.89	116	11.0		
W452916		0.020	0.22	0.07	12	0.06	0.90	>10000	3.1	1.165	2.22
W452917		0.126	0.21	0.27	36	0.11	2.30	495	13.5		
W452918		0.079	0.17	0.21	40	0.11	3.03	256	10.6		
W452919		0.114	0.18	0.19	49	0.06	2.97	>10000	12.5		1.375
W452920		0.102	0.19	0.20	40	0.09	2.65	435	11.5		

***** See Appendix Page for comments regarding this certificate *****

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TORONTO ON M6N 2J1

Finalized Date: 18-MAR-2018
Account: WHITIG

Project: Marshall MAR-02

CERTIFICATE OF ANALYSIS TB18045973

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	Cu-OG46	ME-MS41	ME-OG46
Zn-OG46			

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 28-MAR-2018
Account: WHITIG

CERTIFICATE TB18054138

Project: MAR18-03

This report is for 51 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 12-MAR-2018.

The following have access to data associated with this certificate:

GEORGE MANNARD	ROBERT MIDDLETON	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

To: **COPPER LAKE RESOURCES LTD.**
ATTN: ROBERT MIDDLETON
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

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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TORONTO ON M6N 2J1

Finalized Date: 28-MAR-2018
Account: WHITIG

Project: MAR18-03

CERTIFICATE OF ANALYSIS TB18054138

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W455801		2.29		0.34	2.81	0.4	<0.02	<10	160	0.22	0.23	0.78	0.38	40.0	13.2	26
W455802		2.29		0.21	2.94	0.4	<0.02	<10	160	0.21	0.19	1.03	0.42	39.6	10.7	25
W455803		3.12		0.61	2.49	0.5	<0.02	<10	120	0.15	0.40	0.77	0.61	38.0	15.5	22
W455804		2.91		0.39	1.24	0.8	<0.02	<10	10	0.13	0.48	1.20	0.85	31.3	7.2	16
W455805		2.22		0.87	4.42	0.6	<0.02	<10	140	0.29	0.56	1.76	0.62	34.8	29.5	28
W455806		2.39		0.76	1.96	0.3	<0.02	<10	80	0.15	0.45	0.82	0.30	30.4	22.8	14
W455807		1.98		0.68	3.89	0.4	<0.02	<10	130	0.27	0.42	1.61	0.48	31.2	25.5	24
W455808		2.33		0.75	4.97	0.5	<0.02	<10	160	0.30	0.46	2.13	0.57	45.9	25.0	29
W455809		2.46		1.02	4.50	0.6	<0.02	<10	190	0.26	0.80	2.73	1.61	30.9	31.1	26
W455810		2.04		2.17	2.82	1.2	<0.02	<10	60	0.12	1.46	2.07	4.70	27.1	55.3	18
W455811		2.30		0.91	4.08	0.7	<0.02	<10	110	0.21	0.83	2.72	2.55	33.4	35.0	24
W455812		2.44		0.86	3.65	0.7	<0.02	<10	100	0.22	0.83	2.37	1.45	33.2	27.4	30
W455813		2.34		0.82	4.17	0.4	<0.02	<10	130	0.20	0.72	1.91	0.43	33.3	16.6	30
W455814		2.34	0.174	44.9	3.37	0.3	0.13	<10	130	0.12	50.7	0.81	12.90	24.0	30.0	23
W455815		2.49	0.170	43.7	2.27	0.7	0.14	<10	50	0.09	55.2	0.96	7.75	16.90	48.3	19
W455816		2.66		1.85	3.19	0.6	<0.02	<10	110	0.09	1.47	0.63	0.55	23.8	51.9	28
W455817		1.82		0.97	3.33	0.3	<0.02	<10	130	0.09	0.75	1.39	0.41	31.0	17.8	29
W455818		2.26		0.51	2.24	0.2	<0.02	<10	90	0.08	0.49	0.56	0.17	31.2	14.3	22
W455819		2.09		0.48	2.03	0.2	<0.02	<10	80	0.13	0.82	0.62	0.18	41.4	14.8	20
W455820		2.26		0.55	2.97	0.4	<0.02	<10	100	0.12	0.36	0.90	0.21	23.0	12.2	21
W455821		0.25		0.22	4.01	0.4	<0.02	10	90	0.07	0.10	2.53	0.08	6.78	35.2	7
W455822		2.35		0.11	2.37	0.1	<0.02	<10	100	0.21	0.16	0.71	0.18	33.2	9.3	23
W455823		2.30		5.55	2.36	0.4	<0.02	<10	80	0.13	35.5	0.75	1.07	32.6	15.4	20
W455824		2.32		1.12	1.30	0.5	<0.02	<10	50	0.09	0.49	0.36	0.29	29.7	11.7	14
W455825		2.35		11.00	1.68	0.6	<0.02	<10	50	0.09	25.2	0.57	3.37	28.6	25.1	16
W455826		2.54		1.34	2.52	0.5	<0.02	<10	100	0.11	0.92	0.69	45.1	26.9	23.3	19
W455827		2.11		0.67	2.53	0.5	<0.02	<10	100	0.11	0.47	0.45	0.36	26.4	10.3	22
W455828		2.43		5.44	1.90	0.7	<0.02	<10	70	0.10	33.7	0.50	1.12	31.2	15.1	18
W455829		2.53		1.29	3.19	0.4	<0.02	<10	120	0.19	2.35	0.94	10.35	36.7	9.2	25
W455830		2.26		0.37	2.72	0.2	<0.02	<10	150	0.26	0.26	0.46	0.35	32.7	9.6	23
W455831		2.35		0.16	2.59	0.5	<0.02	<10	120	0.16	0.14	0.53	0.36	33.0	7.6	24
W455832		0.96		0.99	2.93	0.8	<0.02	<10	150	0.14	0.62	0.39	0.67	27.2	12.1	24
W455833		2.32		0.91	2.10	0.3	<0.02	<10	90	0.14	1.41	0.48	1.14	33.2	8.7	17
W455834		2.28		1.10	2.07	1.0	<0.02	<10	80	0.11	0.81	0.40	0.77	38.1	24.4	20
W455835		2.67		0.92	2.68	1.1	<0.02	<10	90	0.15	0.49	0.81	0.90	16.65	11.6	17
W455836		2.48		2.61	1.24	2.7	<0.02	<10	50	0.69	1.81	0.28	0.56	16.70	12.2	8
W455837		2.46		0.64	0.92	1.4	<0.02	<10	40	0.19	0.38	0.22	0.22	16.90	6.2	6
W455838		2.62		1.24	2.46	7.9	<0.02	<10	50	0.08	1.46	0.90	0.83	15.20	23.4	11
W455839		2.41		0.81	2.32	2.1	<0.02	<10	70	0.13	0.45	0.65	0.61	17.95	13.3	10
W455840		2.32		0.87	2.35	0.5	<0.02	<10	60	0.11	0.19	0.60	0.40	17.10	12.6	11

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 28-MAR-2018
Account: WHITIG

Project: MAR18-03

CERTIFICATE OF ANALYSIS TB18054138

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455801		0.83	26.5	3.48	7.72	0.06	0.51	<0.01	0.012	1.24	21.7	5.9	1.11	453	0.35	0.12
W455802		0.72	16.4	2.83	6.93	0.06	0.45	<0.01	0.012	1.12	21.2	5.8	0.96	371	1.06	0.14
W455803		0.64	46.9	3.61	4.95	0.06	0.47	<0.01	0.008	0.96	20.9	6.7	1.04	443	5.87	0.12
W455804		0.10	19.8	2.04	3.30	0.08	0.19	<0.01	0.009	0.08	18.1	4.3	0.93	420	0.41	0.05
W455805		0.96	36.3	3.98	9.37	0.08	0.26	<0.01	0.012	1.34	19.5	7.3	1.46	528	2.43	0.21
W455806		0.42	27.0	2.28	3.95	0.05	0.32	<0.01	0.005	0.63	17.3	2.9	0.53	245	1.06	0.10
W455807		0.84	22.0	2.99	7.44	0.06	0.28	<0.01	0.009	1.16	17.9	5.1	1.04	448	4.58	0.21
W455808		0.99	35.0	3.50	10.95	0.08	0.26	0.01	0.010	1.42	26.8	6.8	1.40	565	0.90	0.25
W455809		0.58	43.2	3.24	10.85	0.10	0.17	0.01	0.012	0.68	18.1	5.0	1.10	464	0.90	0.16
W455810		0.38	119.5	3.79	6.59	0.10	0.12	0.02	0.008	0.23	16.4	3.4	0.79	469	0.51	0.08
W455811		0.42	95.9	2.61	8.83	0.10	0.15	0.01	0.007	0.36	19.5	6.2	0.88	439	0.71	0.13
W455812		0.44	102.5	2.73	8.75	0.10	0.16	0.01	0.009	0.38	19.2	6.9	0.90	427	0.67	0.11
W455813		0.91	133.5	4.04	10.60	0.11	0.24	<0.01	0.009	1.14	18.4	7.2	1.76	691	0.50	0.09
W455814		1.05	2240	5.80	9.18	0.13	0.31	0.06	0.041	1.49	12.8	7.4	1.85	590	0.88	0.08
W455815		0.52	2450	5.04	6.37	0.11	0.17	0.04	0.032	0.65	8.4	4.3	1.39	558	1.21	0.06
W455816		1.15	279	6.25	9.29	0.10	0.27	<0.01	0.006	1.30	12.7	7.4	2.52	799	0.64	0.03
W455817		0.72	75.8	4.06	7.69	0.08	0.29	<0.01	0.005	0.92	16.4	5.8	1.36	554	1.47	0.11
W455818		0.83	37.4	3.36	6.80	0.05	0.47	<0.01	0.006	0.91	16.5	5.7	1.20	437	0.42	0.05
W455819		0.62	23.4	2.84	5.74	0.05	0.45	<0.01	0.006	0.90	23.0	4.0	0.77	325	0.44	0.06
W455820		0.82	31.5	3.68	6.97	0.05	0.39	<0.01	0.005	1.19	11.4	5.6	1.17	490	0.73	0.09
W455821		2.03	594	4.38	7.57	0.07	0.17	0.02	0.016	0.15	2.9	24.9	1.87	404	0.20	0.48
W455822		0.88	7.1	2.81	7.02	0.05	0.50	<0.01	0.005	0.96	17.0	6.9	1.01	439	0.50	0.07
W455823		0.92	32.6	2.53	5.40	0.07	0.56	0.01	0.010	0.96	17.1	5.9	0.98	403	1.09	0.09
W455824		0.66	36.3	2.05	3.55	0.05	0.49	0.01	<0.005	0.41	14.8	4.7	0.56	282	2.45	0.04
W455825		0.60	44.4	2.50	4.34	0.07	0.42	<0.01	0.008	0.55	14.6	4.6	0.75	309	1.56	0.06
W455826		0.91	105.0	3.85	5.78	0.06	0.48	0.14	0.033	1.02	13.9	5.0	1.08	431	0.73	0.13
W455827		1.00	42.2	3.14	6.33	0.06	0.58	<0.01	0.010	1.28	14.1	6.7	1.51	529	1.05	0.08
W455828		0.73	115.0	2.67	4.09	0.07	0.49	0.02	0.011	0.68	16.2	5.3	0.93	402	1.33	0.07
W455829		1.16	153.0	3.29	7.46	0.06	0.25	0.01	0.020	1.27	17.8	6.5	1.43	548	0.64	0.15
W455830		1.22	49.1	3.07	7.73	0.06	0.28	<0.01	0.009	1.49	16.0	9.3	1.54	628	0.13	0.08
W455831		1.38	18.9	2.88	8.04	0.06	0.23	<0.01	0.010	1.12	16.3	9.0	1.50	673	0.25	0.08
W455832		1.55	114.0	3.89	7.50	0.07	0.37	0.01	0.018	1.47	13.5	10.6	1.88	642	1.13	0.07
W455833		0.95	41.5	2.53	5.20	0.07	0.31	0.01	0.013	1.00	16.7	7.3	1.20	447	0.35	0.07
W455834		1.01	111.5	3.39	5.96	0.09	0.30	0.01	0.013	0.88	18.7	8.3	1.18	462	0.57	0.05
W455835		0.97	140.0	3.57	6.48	0.07	0.23	0.01	0.012	1.02	7.6	7.6	1.46	509	1.04	0.10
W455836		0.42	187.0	2.72	3.00	<0.05	0.31	0.02	<0.005	0.47	7.6	4.4	0.62	261	1.99	0.04
W455837		0.31	183.5	1.90	2.38	<0.05	0.24	<0.01	<0.005	0.35	8.3	3.3	0.43	192	0.88	0.02
W455838		0.68	235	5.41	6.40	<0.05	0.27	0.08	0.007	0.61	7.3	6.6	1.17	458	0.63	0.15
W455839		0.77	66.9	2.83	6.06	<0.05	0.29	0.01	0.007	0.78	9.1	7.6	1.12	440	0.37	0.13
W455840		0.98	53.5	2.93	6.54	<0.05	0.29	0.01	0.007	0.75	8.4	10.4	1.47	565	0.20	0.07

***** See Appendix Page for comments regarding this certificate *****

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TORONTO ON M6N 2J1

Finalized Date: 28-MAR-2018
Account: WHITIG

Project: MAR18-03

CERTIFICATE OF ANALYSIS TB18054138

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455801		0.14	36.3	630	75.2	49.4	<0.001	0.36	<0.05	4.2	0.7	0.5	26.7	<0.01	0.03	3.4
W455802		0.11	26.2	650	79.3	42.7	<0.001	0.20	<0.05	4.4	0.5	0.5	33.8	<0.01	0.02	3.4
W455803		0.14	40.1	550	61.5	35.6	0.001	0.72	<0.05	4.1	2.2	0.4	21.8	<0.01	0.11	3.0
W455804		0.09	17.2	480	40.4	2.7	<0.001	0.69	<0.05	2.0	1.5	0.3	12.4	<0.01	0.07	2.2
W455805		0.13	69.8	510	130.0	51.1	<0.001	0.90	<0.05	5.5	2.2	0.5	34.4	<0.01	0.11	2.6
W455806		0.09	65.0	570	57.4	21.7	<0.001	0.78	<0.05	1.7	1.4	0.2	14.7	<0.01	0.11	2.1
W455807		0.11	72.8	440	106.5	42.9	<0.001	0.59	<0.05	3.7	1.3	0.4	32.4	<0.01	0.10	2.1
W455808		0.15	101.5	650	118.0	52.6	<0.001	0.60	<0.05	5.3	1.5	0.5	39.7	<0.01	0.12	2.7
W455809		0.28	96.4	440	78.9	25.0	<0.001	1.18	<0.05	5.5	2.3	0.5	37.5	0.01	0.18	2.4
W455810		0.24	143.5	430	45.1	8.2	<0.001	1.80	<0.05	2.5	4.0	0.2	23.8	0.01	0.34	1.9
W455811		0.31	80.6	450	72.0	13.1	<0.001	0.84	<0.05	4.2	2.2	0.2	41.4	0.01	0.17	2.4
W455812		0.29	83.2	400	78.9	13.4	<0.001	0.75	<0.05	4.7	2.1	0.3	31.8	0.01	0.17	2.6
W455813		0.21	61.4	520	86.6	40.4	<0.001	0.55	<0.05	5.3	1.5	0.5	22.5	0.01	0.14	2.8
W455814		0.11	106.0	380	156.5	52.5	<0.001	1.58	<0.05	5.1	17.6	0.9	13.6	<0.01	3.64	2.1
W455815		0.09	125.0	420	150.0	20.4	<0.001	1.85	0.05	3.0	15.9	0.5	7.5	<0.01	3.70	1.5
W455816		0.12	118.0	430	79.7	39.7	<0.001	1.26	<0.05	4.3	5.6	0.4	5.6	<0.01	0.55	2.3
W455817		0.16	54.4	620	73.2	28.5	0.001	0.60	<0.05	5.4	2.4	0.6	20.2	<0.01	0.24	2.8
W455818		0.14	45.8	570	30.7	33.3	<0.001	0.41	<0.05	3.5	1.5	0.4	10.6	<0.01	0.15	3.0
W455819		0.15	49.2	640	33.5	32.1	<0.001	0.31	<0.05	3.1	1.1	0.4	15.2	<0.01	0.12	3.1
W455820		0.13	36.6	560	47.0	40.6	<0.001	0.46	<0.05	4.0	1.4	0.5	21.0	<0.01	0.13	2.5
W455821		0.11	252	290	0.9	8.4	0.002	0.15	<0.05	1.8	0.5	0.4	59.5	<0.01	0.02	0.5
W455822		0.12	33.5	560	48.0	35.6	<0.001	0.08	<0.05	3.1	0.3	0.5	16.3	<0.01	0.01	3.0
W455823		0.11	46.3	590	137.5	36.5	<0.001	0.24	<0.05	2.9	4.8	0.4	18.1	<0.01	0.75	3.0
W455824		0.15	40.2	560	72.7	14.5	<0.001	0.43	<0.05	1.5	2.6	0.2	6.5	<0.01	0.13	2.7
W455825		0.11	75.1	520	1125	20.9	<0.001	0.73	0.06	2.2	13.2	0.3	9.2	<0.01	1.60	2.7
W455826		0.16	52.3	550	121.0	38.5	<0.001	1.25	<0.05	3.2	8.8	0.4	16.9	<0.01	0.30	2.5
W455827		0.12	29.7	570	78.1	48.8	<0.001	0.45	<0.05	3.4	2.9	0.4	9.4	<0.01	0.11	2.4
W455828		0.15	42.8	440	137.5	25.6	<0.001	0.62	<0.05	3.4	7.8	0.4	10.8	<0.01	1.25	2.4
W455829		0.13	25.5	850	102.5	45.9	<0.001	0.52	<0.05	4.7	4.9	0.5	26.9	<0.01	0.14	1.9
W455830		0.10	24.7	870	69.0	51.2	0.002	0.24	<0.05	3.6	2.8	0.5	11.2	<0.01	0.06	1.8
W455831		0.11	23.7	660	60.3	41.6	0.001	0.10	<0.05	3.8	1.2	0.5	14.2	<0.01	0.03	1.9
W455832		0.10	31.1	860	70.8	53.4	0.004	0.50	<0.05	4.2	5.4	0.6	9.3	<0.01	0.09	1.7
W455833		0.13	25.5	750	83.2	37.5	<0.001	0.22	<0.05	3.1	5.2	0.4	10.2	<0.01	0.06	2.0
W455834		0.20	41.3	920	95.9	34.5	<0.001	0.79	0.05	3.1	9.1	0.4	7.9	<0.01	0.15	2.1
W455835		0.13	28.3	630	113.5	39.7	0.002	0.91	0.05	3.9	8.2	0.4	14.3	<0.01	0.16	1.1
W455836		<0.05	19.1	500	78.8	17.7	<0.001	1.63	0.09	1.5	5.1	<0.2	5.9	<0.01	0.14	1.5
W455837		<0.05	12.8	460	42.6	11.3	<0.001	1.01	0.08	0.8	2.5	<0.2	4.1	<0.01	0.09	1.4
W455838		0.07	47.7	460	164.5	25.7	<0.001	3.84	0.38	3.0	5.0	0.2	20.8	<0.01	0.19	1.4
W455839		<0.05	20.1	480	129.0	34.1	<0.001	1.11	0.06	2.3	2.5	0.2	17.3	<0.01	0.08	1.6
W455840		<0.05	20.7	490	103.5	32.0	<0.001	0.54	0.05	2.7	1.2	0.2	24.5	<0.01	0.07	1.5

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 28-MAR-2018
Account: WHITIG

Project: MAR18-03

CERTIFICATE OF ANALYSIS TB18054138

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
W455801		0.151	0.52	0.37	44	0.19	5.04	87	23.0
W455802		0.139	0.44	0.35	41	0.14	5.14	73	22.7
W455803		0.118	0.39	0.37	35	0.18	4.43	161	19.9
W455804		0.052	0.03	0.50	14	0.24	3.13	137	7.2
W455805		0.134	0.65	0.31	37	0.17	3.63	332	11.4
W455806		0.072	0.27	0.26	17	0.18	3.36	80	13.2
W455807		0.126	0.52	0.25	30	0.15	3.14	110	12.9
W455808		0.141	0.65	0.33	40	0.14	4.53	222	11.7
W455809		0.097	0.35	0.31	35	0.15	2.98	709	7.2
W455810		0.052	0.13	0.32	18	0.13	2.25	932	4.8
W455811		0.078	0.18	0.35	27	0.29	3.09	791	6.2
W455812		0.081	0.18	0.35	31	0.19	2.94	700	6.2
W455813		0.135	0.45	0.35	42	0.29	3.44	445	10.2
W455814		0.119	0.51	0.26	39	0.41	2.73	737	13.1
W455815		0.078	0.21	0.23	30	0.42	2.33	1060	7.3
W455816		0.148	0.40	0.31	42	0.28	3.35	366	11.4
W455817		0.136	0.25	0.32	43	0.31	4.08	137	12.8
W455818		0.125	0.28	0.32	36	0.21	4.01	146	22.3
W455819		0.119	0.27	0.34	35	0.20	4.41	44	19.6
W455820		0.120	0.32	0.26	38	0.23	3.41	33	16.8
W455821		0.163	0.24	0.09	117	<0.05	6.74	42	5.3
W455822		0.128	0.33	0.33	37	0.22	4.03	68	21.6
W455823		0.117	0.31	0.33	28	0.20	4.34	115	24.6
W455824		0.078	0.13	0.31	17	0.21	3.98	195	21.8
W455825		0.076	0.20	0.30	20	0.19	3.94	440	19.6
W455826		0.113	0.31	0.28	31	0.23	3.35	3320	21.8
W455827		0.127	0.39	0.33	31	1.05	3.87	246	26.4
W455828		0.096	0.21	0.29	25	0.21	3.46	684	21.7
W455829		0.149	0.36	0.17	39	0.22	4.58	783	10.9
W455830		0.173	0.36	0.20	38	0.24	4.38	178	12.0
W455831		0.164	0.32	0.22	36	0.27	4.15	271	9.8
W455832		0.187	0.42	0.24	40	1.75	4.32	445	16.0
W455833		0.129	0.26	0.19	29	0.64	3.94	290	13.6
W455834		0.133	0.28	0.17	30	0.22	4.77	302	13.0
W455835		0.115	0.32	0.12	35	0.28	2.88	364	9.8
W455836		0.049	0.17	0.15	14	0.20	2.57	326	13.0
W455837		0.043	0.10	0.14	11	0.17	2.51	139	11.3
W455838		0.088	0.35	0.14	28	0.21	2.77	296	11.6
W455839		0.094	0.30	0.16	25	0.19	2.87	286	12.3
W455840		0.128	0.32	0.16	30	0.18	2.65	223	11.5

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 28-MAR-2018
Account: WHITIG

Project: MAR18-03

CERTIFICATE OF ANALYSIS TB18054138

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W455841		0.24		0.20	4.33	0.6	<0.02	10	40	<0.05	0.28	2.69	0.10	6.96	35.6	6
W455842		1.38		0.98	2.99	1.9	<0.02	<10	20	0.39	0.50	4.53	0.86	130.0	33.7	391
W455843		2.45		0.45	1.86	0.4	<0.02	<10	70	0.15	0.14	0.25	0.27	20.2	8.7	10
W455844		2.40		1.06	1.77	0.5	<0.02	<10	60	0.10	0.58	0.19	0.53	21.3	10.1	10
W455845		2.20		0.78	0.96	0.3	<0.02	<10	30	0.11	0.13	0.19	0.20	16.75	8.3	5
W455846		2.46		1.00	1.64	0.5	<0.02	<10	30	0.16	0.16	0.39	0.38	18.85	8.0	10
W455847		2.28		1.19	1.83	0.7	<0.02	<10	40	0.17	0.15	0.57	15.65	15.90	8.4	8
W455848		2.16		0.75	1.35	0.1	<0.02	<10	30	0.14	0.10	0.24	0.36	16.70	4.9	7
W455849		2.21		0.41	0.84	0.4	<0.02	<10	30	0.29	0.11	0.16	0.15	14.30	5.7	5
W455850		2.18		0.75	1.47	0.3	<0.02	<10	30	0.20	0.12	0.28	0.19	12.20	5.4	8
W456000		3.18		1.02	2.02	0.8	<0.02	<10	40	0.33	0.63	0.59	1.16	16.30	13.8	11

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TORONTO ON M6N 2J1

Finalized Date: 28-MAR-2018
Account: WHITIG

Project: MAR18-03

CERTIFICATE OF ANALYSIS TB18054138

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455841		1.97	514	4.38	7.99	0.05	0.17	0.02	0.015	0.12	3.0	18.0	1.78	372	0.21	0.56
W455842		0.71	48.2	3.79	8.70	0.19	0.31	0.01	0.016	0.14	63.5	13.3	3.35	762	0.59	0.02
W455843		1.03	53.2	2.71	4.88	<0.05	0.29	0.01	0.006	0.80	11.0	7.6	1.15	499	0.18	0.02
W455844		0.93	57.5	2.77	4.73	<0.05	0.36	0.01	0.007	0.79	11.7	7.7	1.10	478	0.23	0.02
W455845		0.33	56.6	1.93	2.50	<0.05	0.30	0.01	<0.005	0.27	8.4	4.2	0.45	230	0.52	0.02
W455846		0.52	103.0	2.30	4.31	<0.05	0.24	0.01	0.005	0.38	9.8	7.2	0.99	445	0.59	0.06
W455847		0.56	171.5	2.78	4.92	<0.05	0.24	0.10	0.031	0.30	7.2	10.0	1.09	579	2.60	0.06
W455848		0.38	54.0	2.16	3.63	<0.05	0.27	0.01	<0.005	0.30	8.8	5.9	0.82	435	2.46	0.02
W455849		0.29	37.2	1.55	2.46	0.09	0.23	0.01	<0.005	0.23	7.8	5.1	0.41	215	0.42	0.02
W455850		0.58	43.1	2.18	4.34	0.10	0.26	0.01	<0.005	0.45	6.6	8.7	0.99	407	0.37	0.02
W456000		0.66	91.7	3.34	6.08	0.11	0.26	0.02	0.009	0.46	8.7	14.5	1.34	586	0.37	0.05

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455841		0.15	225	290	1.5	7.4	0.002	0.14	<0.05	1.9	0.5	0.3	63.8	0.01	0.02	0.5
W455842		<0.05	179.5	1820	77.1	6.3	0.003	0.95	0.08	6.8	2.2	0.3	50.7	<0.01	0.07	8.0
W455843		0.05	18.3	510	47.3	35.7	0.001	0.50	<0.05	1.9	0.7	0.2	7.3	<0.01	0.05	1.5
W455844		0.06	18.4	500	124.5	34.8	0.004	0.57	0.06	1.8	1.9	0.2	3.1	<0.01	0.05	1.6
W455845		<0.05	17.5	490	72.6	8.3	0.009	0.83	<0.05	0.8	1.2	<0.2	3.4	<0.01	0.05	1.6
W455846		<0.05	11.7	470	134.5	13.5	0.001	0.81	0.06	1.9	1.0	<0.2	7.1	<0.01	0.03	1.4
W455847		0.05	15.2	590	123.0	11.2	<0.001	1.18	0.07	2.0	3.1	0.2	7.6	<0.01	0.06	1.6
W455848		<0.05	13.5	440	50.6	9.7	0.001	0.58	<0.05	1.3	1.0	<0.2	3.4	<0.01	0.03	1.5
W455849		<0.05	14.3	480	43.1	7.9	0.005	0.50	<0.05	0.9	1.0	<0.2	3.1	<0.01	0.03	1.5
W455850		<0.05	13.6	420	73.9	20.1	<0.001	0.47	<0.05	2.0	1.2	<0.2	4.6	<0.01	0.02	1.3
W456000		0.05	23.3	560	176.5	19.6	<0.001	1.06	0.05	3.1	3.9	0.2	11.1	<0.01	0.14	1.7

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	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
W455841		0.172	0.23	0.10	117	<0.05	6.84	44	5.6
W455842		0.126	0.19	0.97	77	0.54	7.76	291	14.5
W455843		0.126	0.40	0.17	24	0.13	2.81	226	12.0
W455844		0.119	0.41	0.20	24	0.12	2.79	313	14.2
W455845		0.029	0.12	0.17	9	0.12	2.95	187	12.5
W455846		0.041	0.16	0.15	19	0.11	2.89	222	10.8
W455847		0.058	0.14	0.15	20	0.34	3.51	2300	10.5
W455848		0.067	0.12	0.15	16	0.17	2.76	260	11.3
W455849		0.029	0.08	0.14	9	0.12	2.77	95	11.1
W455850		0.076	0.24	0.13	19	0.13	2.45	181	12.2
W456000		0.098	0.20	0.16	27	0.20	3.47	541	12.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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www.alsglobal.com/geochemistry

To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 28-MAR-2018
Account: WHITIG

Project: MAR18-03

CERTIFICATE OF ANALYSIS TB18054138

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	PUL-31
PUL-QC	SPL-21	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	ME-MS41

ALS Canada Ltd.

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

CERTIFICATE TB18056291

Project: MAR18-04

This report is for 106 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 14-MAR-2018.

The following have access to data associated with this certificate:

GEORGE MANNARD	ROBERT MIDDLETON	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

To: **COPPER LAKE RESOURCES LTD.**
ATTN: ROBERT MIDDLETON
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

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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To: **COPPER LAKE RESOURCES LTD.**
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TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-04

CERTIFICATE OF ANALYSIS TB18056291

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W455851		2.15		0.59	1.49	0.4	<0.02	<10	40	0.15	0.05	0.23	0.20	19.55	13.3	16
W455852		2.12		4.51	0.96	0.7	<0.02	<10	20	0.14	0.28	0.18	4.22	14.50	17.1	10
W455853		2.24		3.71	3.10	1.0	<0.02	10	30	0.41	2.83	1.05	11.50	22.3	18.6	21
W455854		2.43		1.62	1.95	0.2	<0.02	<10	20	0.26	0.93	0.34	3.69	18.95	7.9	21
W455855		2.19		6.69	1.81	0.2	<0.02	<10	50	0.15	3.48	0.32	24.9	15.35	12.4	20
W455856		2.18		1.22	1.95	0.3	<0.02	<10	80	0.10	0.85	0.30	6.43	20.7	8.1	20
W455857		1.94		0.30	1.79	0.1	<0.02	<10	50	0.15	0.26	0.41	0.50	19.85	7.9	20
W455858		2.26		0.24	2.41	0.4	<0.02	<10	100	0.21	0.12	0.57	0.66	22.0	7.3	21
W455859		2.35		4.36	1.75	0.4	<0.02	<10	60	0.14	5.40	0.25	14.95	20.9	18.4	18
W455860		1.11		2.13	1.49	0.3	<0.02	<10	50	0.17	1.43	0.24	12.65	18.55	16.2	16
W455861		2.43		1.22	1.67	0.2	<0.02	<10	70	0.24	1.48	0.20	1.17	21.3	24.2	17
W455862		2.17		0.63	2.59	0.3	<0.02	<10	80	0.44	0.05	0.60	0.18	18.80	9.2	17
W455863		2.24		3.78	1.58	0.4	<0.02	<10	60	0.19	4.60	0.26	18.15	20.3	12.0	12
W455864		2.10		1.04	0.79	1.0	<0.02	<10	30	0.21	0.14	0.19	0.58	21.7	12.0	6
W455865		2.48		0.87	0.85	17.7	<0.02	<10	40	0.08	0.46	0.21	2.01	16.25	16.5	7
W455866		2.27		3.23	1.27	15.3	<0.02	<10	30	0.21	3.02	0.63	11.65	14.40	11.4	10
W455867		2.24		3.56	1.20	2.1	<0.02	<10	30	0.19	2.52	0.87	6.84	14.10	11.2	11
W455868		2.37		1.23	2.87	1.4	<0.02	<10	50	0.31	0.48	1.63	1.39	25.0	13.2	18
W455869		1.73		0.36	2.61	0.3	<0.02	<10	50	0.27	0.04	0.83	0.16	18.30	7.0	16
W455870		1.20		0.66	1.54	1.5	<0.02	<10	30	0.25	0.06	0.85	0.65	19.40	18.3	12
W455871		0.04	0.540	0.56	2.81	180.5	0.30	<10	130	0.22	0.11	1.89	0.24	17.70	14.5	110
W455872		2.29		0.14	2.02	0.3	<0.02	<10	60	0.28	0.02	0.62	0.07	25.7	7.0	14
W455873		2.35		0.27	3.90	0.1	<0.02	<10	100	0.54	0.04	1.42	0.10	20.7	16.8	21
W455874		1.10		0.16	3.45	0.2	<0.02	<10	70	0.43	0.03	1.24	0.07	19.90	15.2	20
W455875		2.31		0.31	4.14	0.1	<0.02	<10	90	0.46	0.04	1.71	0.10	22.0	16.8	24
W455876		2.36		0.20	3.38	0.2	<0.02	<10	70	0.21	0.06	1.49	0.11	26.3	11.1	34
W455877		1.14		0.28	4.08	0.1	<0.02	<10	140	0.37	0.07	1.99	0.17	19.10	24.1	82
W455878		2.52		0.28	3.06	0.3	<0.02	<10	50	0.24	0.12	2.13	0.19	33.4	20.3	86
W455879		2.40		0.71	2.40	0.5	<0.02	<10	20	0.26	0.19	2.08	0.20	30.6	23.9	93
W455880		2.63		1.28	2.16	0.7	<0.02	<10	20	0.20	0.30	1.59	0.30	30.3	20.4	42
W455881		2.15		0.12	4.67	0.1	<0.02	<10	100	0.58	0.02	2.15	0.18	28.9	9.7	18
W455882		2.29		0.26	2.97	0.6	<0.02	<10	70	0.57	0.06	0.99	1.53	21.6	8.5	11
W455883		2.18		0.59	2.93	0.2	<0.02	<10	70	0.56	0.06	0.97	0.16	19.90	9.0	10
W455884		2.20		0.55	2.52	0.2	<0.02	<10	90	0.23	0.15	0.57	1.43	19.95	7.9	12
W455885		2.06		0.62	2.10	0.1	<0.02	<10	90	0.16	0.13	0.32	1.76	19.15	8.4	11
W455886		3.11		0.87	1.98	0.3	<0.02	<10	70	0.11	0.24	0.37	1.96	20.2	9.1	14
W455887		2.20		4.16	1.43	0.7	<0.02	<10	10	0.18	7.84	1.01	7.20	18.50	9.9	17
W455888		2.48		3.38	1.39	1.1	<0.02	<10	30	0.24	3.31	0.59	2.98	23.0	64.3	8
W455889		2.34		31.8	1.34	0.8	<0.02	<10	40	0.11	50.3	0.25	31.5	21.2	22.9	10
W455890		2.18		27.7	1.62	0.8	0.09	<10	60	0.08	25.1	0.25	63.1	17.25	23.9	15

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-04

CERTIFICATE OF ANALYSIS TB18056291

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455851		0.55	36.4	2.42	4.79	<0.05	0.51	<0.01	0.006	0.36	10.4	9.0	0.87	422	3.08	0.02
W455852		0.19	169.5	1.79	2.86	<0.05	0.40	0.02	0.010	0.17	7.5	7.2	0.59	277	0.73	0.01
W455853		0.60	291	4.05	9.13	0.07	0.36	0.04	0.016	0.18	11.9	25.7	2.13	808	1.82	0.01
W455854		0.57	146.0	3.05	6.29	0.05	0.37	0.02	0.010	0.26	9.5	15.2	1.24	647	0.19	0.02
W455855		0.70	578	2.79	4.48	0.07	0.31	0.02	0.037	0.53	7.7	10.6	1.13	478	0.18	0.03
W455856		0.68	115.0	2.60	4.49	0.05	0.34	0.01	0.013	0.83	10.7	8.3	1.17	430	0.22	0.05
W455857		0.62	24.1	2.20	5.87	<0.05	0.33	<0.01	0.007	0.52	10.1	9.4	1.05	459	0.09	0.04
W455858		1.35	41.4	2.44	6.44	<0.05	0.32	<0.01	0.009	1.10	11.3	7.6	1.24	521	0.57	0.10
W455859		1.33	368	3.10	4.31	0.07	0.39	0.05	0.017	0.84	10.9	6.9	1.10	452	1.04	0.02
W455860		1.07	278	2.36	4.16	0.05	0.37	0.03	0.018	0.70	9.7	6.5	0.92	354	1.29	0.03
W455861		1.34	40.2	2.56	4.60	0.05	0.45	0.01	0.009	0.92	11.5	7.4	1.01	387	2.26	0.02
W455862		1.66	95.5	2.63	6.15	<0.05	0.40	0.01	0.007	1.10	10.3	7.8	1.21	506	0.34	0.14
W455863		1.05	160.0	2.22	3.98	0.05	0.50	0.16	0.021	0.72	11.2	6.2	0.88	371	0.34	0.04
W455864		0.34	50.4	1.64	1.89	<0.05	0.50	0.01	<0.005	0.30	12.3	2.9	0.30	166	0.60	0.03
W455865		0.28	61.5	2.96	1.96	<0.05	0.54	0.01	0.008	0.36	9.0	1.7	0.30	145	1.27	0.03
W455866		0.31	197.5	2.78	3.07	0.05	0.43	0.07	0.023	0.29	8.1	3.1	0.57	246	0.52	0.05
W455867		0.20	330	2.51	2.79	<0.05	0.27	0.06	0.017	0.15	7.8	3.2	0.44	234	0.38	0.04
W455868		0.65	90.0	2.49	6.53	<0.05	0.30	0.02	0.006	0.45	13.4	5.5	0.89	406	0.52	0.16
W455869		1.18	40.2	2.25	5.96	<0.05	0.38	<0.01	0.005	0.89	10.1	9.3	1.31	502	0.49	0.11
W455870		0.38	53.4	1.97	3.45	<0.05	0.32	<0.01	0.006	0.30	10.6	4.2	0.55	206	1.05	0.08
W455871		0.72	288	2.93	5.75	0.07	0.14	0.04	0.017	0.21	9.3	9.7	1.43	470	6.23	0.31
W455872		0.95	21.3	1.79	4.78	<0.05	0.45	<0.01	0.005	0.75	14.0	6.5	0.87	381	0.62	0.08
W455873		0.98	49.8	3.05	9.09	0.05	0.30	<0.01	0.011	1.28	11.3	7.1	1.20	461	0.27	0.23
W455874		1.12	28.4	2.72	8.19	0.05	0.33	<0.01	0.008	0.95	10.7	12.4	1.31	440	0.12	0.18
W455875		0.99	41.5	3.20	9.97	0.06	0.32	<0.01	0.013	1.10	12.0	9.5	1.45	480	0.52	0.21
W455876		0.82	24.3	4.47	6.68	0.12	0.17	<0.01	0.013	0.99	13.3	6.9	1.29	338	1.42	0.09
W455877		1.34	26.1	4.38	11.30	0.11	0.11	<0.01	0.026	0.89	9.1	9.1	1.76	484	0.09	0.07
W455878		0.55	25.2	3.51	7.55	0.09	0.08	<0.01	0.019	0.28	15.7	7.9	1.73	535	0.11	0.04
W455879		0.19	52.4	2.79	5.39	0.08	0.09	0.01	0.014	0.11	14.4	7.4	1.21	495	0.28	0.02
W455880		0.21	117.0	3.58	5.24	0.09	0.11	0.01	0.013	0.13	15.2	7.1	1.27	474	0.33	0.02
W455881		1.26	4.3	2.79	11.40	0.06	0.34	<0.01	0.016	0.92	15.9	11.6	1.65	598	0.94	0.24
W455882		0.84	31.0	2.35	7.19	<0.05	0.35	0.01	0.013	1.07	11.9	6.2	1.08	409	0.64	0.20
W455883		0.97	73.7	2.62	7.09	0.05	0.35	0.01	0.008	0.99	11.0	6.6	1.08	421	0.79	0.19
W455884		1.08	63.0	3.02	6.65	0.05	0.34	0.01	0.013	1.10	11.1	6.7	1.21	502	0.61	0.13
W455885		1.33	58.4	3.18	6.21	0.05	0.35	0.01	0.012	1.08	10.6	7.6	1.14	458	0.52	0.08
W455886		2.20	227	3.25	5.60	0.05	0.28	0.01	0.009	1.02	10.5	5.6	1.07	433	0.62	0.06
W455887		0.34	1090	3.29	3.52	0.07	0.08	0.03	0.017	0.11	10.3	4.6	0.71	334	0.68	0.02
W455888		1.18	773	3.13	3.57	0.06	0.37	0.02	0.009	0.36	12.7	4.3	0.61	282	1.35	0.04
W455889		2.00	578	2.35	2.96	0.14	0.42	0.31	0.102	0.64	11.6	3.8	0.76	263	0.57	0.03
W455890		1.96	1350	2.89	2.91	0.13	0.26	0.50	0.103	0.87	9.3	4.3	1.03	270	0.33	0.06

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 29-MAR-2018
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Project: MAR18-04

CERTIFICATE OF ANALYSIS TB18056291

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455851		0.13	28.6	460	30.1	14.3	<0.001	0.29	<0.05	2.2	1.2	0.2	4.9	<0.01	0.02	2.5
W455852		0.10	25.0	470	177.0	4.9	0.002	0.70	0.08	1.0	4.8	<0.2	2.9	<0.01	0.03	2.4
W455853		0.10	34.0	540	482	6.0	0.001	1.00	0.08	4.0	10.5	0.4	5.4	<0.01	0.30	2.4
W455854		0.16	28.8	650	226	9.3	<0.001	0.21	0.05	2.3	6.6	0.3	4.2	<0.01	0.17	2.2
W455855		0.11	29.4	630	656	18.6	0.002	0.43	0.09	3.0	14.4	0.4	5.6	<0.01	0.22	1.7
W455856		0.14	27.9	640	152.5	27.6	<0.001	0.19	<0.05	3.3	5.6	0.4	7.2	<0.01	0.04	1.8
W455857		0.15	27.6	620	36.5	17.5	<0.001	0.06	<0.05	2.8	1.4	0.3	7.0	<0.01	0.01	1.9
W455858		0.08	24.8	560	66.5	40.7	<0.001	0.10	<0.05	3.1	1.9	0.3	13.5	<0.01	0.02	2.0
W455859		0.07	46.4	690	305	33.3	0.001	0.99	0.07	2.8	12.9	0.3	4.1	<0.01	0.15	1.6
W455860		0.08	47.1	660	290	25.9	<0.001	0.77	0.07	2.0	6.9	0.2	4.8	<0.01	0.07	1.6
W455861		0.07	55.0	600	76.9	33.6	0.001	0.50	<0.05	2.3	3.8	0.3	3.6	<0.01	0.09	2.1
W455862		0.05	23.8	500	58.9	43.6	<0.001	0.44	<0.05	2.5	1.1	0.2	16.9	<0.01	0.02	1.9
W455863		0.07	23.1	470	599	32.0	<0.001	0.78	0.10	1.6	7.5	0.2	4.9	<0.01	0.09	2.1
W455864		<0.05	24.3	450	58.9	10.2	<0.001	0.84	<0.05	0.7	1.1	<0.2	4.2	<0.01	0.05	2.3
W455865		<0.05	28.8	460	52.2	12.6	0.001	2.45	0.09	1.0	3.6	<0.2	4.4	<0.01	0.07	1.7
W455866		0.05	21.8	430	442	11.9	<0.001	2.56	0.25	1.5	10.3	<0.2	10.6	<0.01	0.28	1.6
W455867		0.06	21.4	350	697	4.8	<0.001	1.94	0.27	1.3	8.6	<0.2	10.3	<0.01	0.33	1.6
W455868		<0.05	21.7	460	154.0	19.3	<0.001	1.17	0.06	3.4	2.9	0.2	30.3	<0.01	0.13	2.2
W455869		<0.05	17.1	450	70.6	40.6	<0.001	0.40	<0.05	2.3	0.8	0.2	17.7	<0.01	0.06	1.9
W455870		0.05	19.5	440	42.9	11.4	<0.001	1.15	<0.05	1.6	3.1	<0.2	19.3	<0.01	0.12	1.9
W455871		0.18	116.5	340	14.7	8.9	0.004	0.10	1.65	3.3	0.5	1.3	89.6	<0.01	0.03	3.3
W455872		0.07	19.7	520	30.5	30.5	<0.001	0.13	<0.05	1.8	0.5	0.2	14.2	<0.01	0.03	2.7
W455873		0.09	26.9	510	28.9	43.7	<0.001	0.35	<0.05	4.2	0.3	0.4	40.0	<0.01	0.01	2.0
W455874		0.09	22.2	480	25.7	31.9	<0.001	0.26	<0.05	3.4	0.3	0.4	55.0	<0.01	0.01	2.3
W455875		0.09	28.0	480	36.0	37.9	<0.001	0.38	<0.05	5.1	0.4	0.4	36.6	<0.01	0.06	2.4
W455876		0.15	32.5	740	30.6	25.3	0.001	0.28	<0.05	6.6	0.4	0.5	19.6	<0.01	0.07	1.7
W455877		0.07	44.3	1160	54.5	25.1	<0.001	0.34	<0.05	12.7	0.5	0.6	26.4	<0.01	0.13	1.8
W455878		0.07	51.2	1100	27.6	8.1	<0.001	0.34	<0.05	5.3	0.8	0.4	17.6	<0.01	0.11	2.0
W455879		0.10	83.3	1070	29.2	3.7	<0.001	0.64	0.06	3.1	1.4	0.3	14.6	<0.01	0.22	1.8
W455880		0.10	36.5	950	86.8	4.6	<0.001	1.22	0.05	3.8	1.8	0.4	11.9	<0.01	0.36	1.9
W455881		0.10	15.8	510	48.3	30.1	<0.001	0.02	<0.05	5.6	0.2	1.3	43.6	<0.01	0.01	3.2
W455882		0.08	13.5	480	64.2	38.9	0.001	0.18	<0.05	2.8	0.8	0.3	30.4	<0.01	0.02	2.3
W455883		0.06	14.5	460	82.3	37.0	0.001	0.45	<0.05	2.6	1.1	0.3	26.6	<0.01	0.12	2.1
W455884		0.09	15.9	430	89.0	39.5	<0.001	0.37	<0.05	3.3	1.4	0.4	18.4	<0.01	0.08	2.2
W455885		0.11	15.5	420	84.6	39.1	<0.001	0.44	<0.05	3.3	1.2	0.4	9.0	<0.01	0.06	2.0
W455886		0.12	23.5	530	76.0	39.2	<0.001	0.63	<0.05	3.1	1.9	0.3	8.9	<0.01	0.15	1.6
W455887		0.10	55.3	460	92.0	4.3	0.001	1.67	0.05	2.0	7.5	0.2	7.8	<0.01	0.74	1.1
W455888		0.09	43.5	380	113.5	14.0	0.001	1.88	<0.05	1.8	8.3	<0.2	8.4	<0.01	0.34	2.4
W455889		0.05	25.7	480	3140	25.6	0.001	1.02	0.72	2.0	48.8	0.2	5.3	<0.01	1.04	1.8
W455890		<0.05	23.3	520	1440	32.7	<0.001	1.12	0.26	3.8	39.6	0.3	8.4	<0.01	0.48	1.1

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-04

CERTIFICATE OF ANALYSIS TB18056291

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
W455851		0.107	0.13	0.29	21	0.13	3.46	121	22.4
W455852		0.048	0.11	0.21	10	0.14	3.01	1800	17.7
W455853		0.108	0.07	0.25	32	0.25	4.30	3670	16.3
W455854		0.135	0.08	0.18	22	0.28	4.34	1060	17.4
W455855		0.132	0.22	0.17	23	0.19	3.52	1680	14.7
W455856		0.139	0.21	0.18	27	0.14	3.09	918	15.4
W455857		0.121	0.12	0.18	24	0.17	3.24	192	14.7
W455858		0.145	0.32	0.24	28	0.10	2.98	159	15.5
W455859		0.102	0.34	0.20	20	0.14	3.22	2370	18.8
W455860		0.092	0.37	0.17	17	0.12	2.79	1220	18.0
W455861		0.119	0.30	0.26	23	0.14	2.94	218	21.1
W455862		0.125	0.35	0.26	25	0.11	2.73	149	19.0
W455863		0.099	0.34	0.29	18	0.14	2.75	4920	23.1
W455864		0.025	0.12	0.30	6	0.13	2.79	211	24.4
W455865		0.018	0.11	0.27	8	0.10	2.32	248	26.5
W455866		0.025	0.11	0.24	11	0.14	2.20	2690	20.2
W455867		0.026	0.06	0.19	10	0.23	2.13	2260	13.1
W455868		0.063	0.18	0.26	23	0.20	3.05	468	15.3
W455869		0.106	0.38	0.26	22	0.12	2.62	207	19.1
W455870		0.037	0.11	0.25	13	0.29	2.55	134	14.6
W455871		0.112	0.07	1.04	67	1.50	7.80	53	3.3
W455872		0.103	0.29	0.35	19	0.16	3.24	114	22.1
W455873		0.163	0.32	0.26	37	0.09	2.65	74	15.5
W455874		0.152	0.26	0.29	33	0.12	3.11	67	16.0
W455875		0.155	0.30	0.31	38	0.10	3.87	89	15.8
W455876		0.172	0.20	0.22	55	0.46	3.94	42	7.9
W455877		0.234	0.21	0.24	110	0.64	5.27	159	5.2
W455878		0.208	0.11	0.35	70	8.20	4.75	233	3.2
W455879		0.154	0.09	0.34	45	29.5	4.60	181	3.0
W455880		0.121	0.05	0.36	42	2.64	4.35	244	3.8
W455881		0.164	0.22	0.36	42	0.90	4.35	81	17.0
W455882		0.136	0.30	0.29	28	0.15	2.87	381	16.8
W455883		0.127	0.30	0.27	25	0.29	2.79	153	16.8
W455884		0.141	0.33	0.26	30	0.22	2.74	434	16.8
W455885		0.141	0.32	0.27	31	0.23	2.34	414	16.8
W455886		0.135	0.35	0.19	30	0.23	2.46	388	14.2
W455887		0.042	0.05	0.15	13	66.9	2.48	2300	3.4
W455888		0.058	0.15	0.28	14	0.42	2.78	1540	17.6
W455889		0.078	0.39	0.24	17	0.18	2.62	5360	20.5
W455890		0.100	0.34	0.14	27	0.23	2.28	5460	12.6

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To: **COPPER LAKE RESOURCES LTD.**
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TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-04

CERTIFICATE OF ANALYSIS TB18056291

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W455891		0.12		0.19	2.81	0.3	<0.02	10	130	0.07	0.16	1.67	0.32	9.23	28.2	13
W455892		2.41		4.56	2.16	0.3	<0.02	<10	110	0.09	4.05	0.33	24.0	22.6	13.2	17
W455893		2.20		0.10	4.59	0.1	<0.02	<10	90	0.53	0.22	2.10	0.25	30.3	8.6	14
W455894		1.15		0.88	2.15	0.4	<0.02	<10	30	0.26	0.21	0.98	0.18	18.75	35.7	9
W455895		2.21		0.12	3.87	0.2	<0.02	<10	70	0.61	0.05	1.73	0.15	25.1	8.4	13
W455896		2.12		0.22	3.75	0.1	<0.02	<10	70	0.48	0.08	1.59	0.12	23.2	11.0	11
W455897		2.27		0.31	2.29	0.6	<0.02	<10	30	0.47	0.11	1.26	0.08	21.9	8.0	11
W455898		2.24		0.78	1.36	2.1	<0.02	<10	20	0.24	0.28	1.08	0.08	24.2	15.6	11
W455899		2.39		0.84	1.17	2.1	<0.02	<10	20	0.19	0.25	0.95	0.18	28.1	11.0	15
W455900		2.25		0.63	1.78	0.8	<0.02	<10	30	0.18	0.08	0.78	0.15	27.6	8.8	21
W455901		2.24		0.30	1.78	0.6	<0.02	<10	40	0.27	0.06	0.47	0.10	24.3	9.6	18
W455902		2.19		0.35	4.60	0.1	<0.02	<10	140	0.59	0.03	1.66	0.08	29.5	12.8	35
W455903		2.22		0.82	1.99	0.5	<0.02	<10	50	0.24	0.07	0.65	1.24	24.3	15.4	19
W455904		2.45		2.19	1.60	0.6	<0.02	<10	30	0.21	2.20	0.75	21.6	26.0	15.7	15
W455905		2.35		0.65	3.06	0.2	<0.02	<10	60	0.45	0.05	1.20	0.24	33.5	19.0	22
W455906		2.26		0.38	4.08	0.2	<0.02	<10	80	0.54	0.03	1.56	0.14	32.7	11.0	29
W455907		2.17		0.25	4.41	0.3	<0.02	<10	110	0.54	0.01	1.65	0.15	34.3	12.7	27
W455908		2.32		0.30	3.42	0.2	<0.02	<10	60	0.39	0.02	1.73	0.16	37.8	9.7	29
W455909		2.51		0.28	3.90	0.4	<0.02	<10	90	0.44	0.01	1.45	0.12	32.1	11.6	27
W455910		0.04	0.461	0.69	2.73	170.0	0.75	<10	130	0.24	0.11	1.83	0.24	18.50	14.2	107
W455911		2.26		0.22	4.23	0.4	<0.02	<10	90	0.57	0.01	1.66	0.13	36.2	11.9	26
W455912		1.41		0.19	5.49	0.1	<0.02	<10	170	0.61	0.01	2.31	0.13	39.1	12.1	32
W455913		2.30		0.27	4.52	0.4	<0.02	<10	100	0.49	0.03	1.87	0.13	43.5	15.0	29
W455914		2.56		1.14	1.40	0.8	<0.02	<10	20	0.20	0.11	1.67	0.22	25.4	15.9	12
W455915		2.52		0.37	3.95	0.5	<0.02	<10	90	0.39	0.04	1.54	0.12	39.2	14.7	26
W455916		2.98		0.44	4.68	0.5	<0.02	<10	100	0.54	0.05	1.96	0.12	41.9	12.7	26
W455917		2.42		1.25	3.11	0.6	<0.02	<10	60	0.40	0.21	1.83	0.14	45.2	19.1	23
W455918		2.01		0.26	3.86	0.3	<0.02	<10	80	0.48	0.03	1.55	0.07	45.7	11.7	25
W455919		2.21		0.40	3.73	0.3	<0.02	<10	80	0.43	0.06	1.59	0.07	42.2	13.4	24
W455920		2.28		0.68	3.84	0.3	<0.02	<10	100	0.40	0.09	1.76	0.08	42.9	13.0	23
W455921		2.36		1.08	2.65	1.2	<0.02	<10	60	0.27	0.10	1.12	1.84	33.0	13.2	19
W455922		2.22		0.67	3.38	0.4	<0.02	<10	80	0.35	0.05	1.33	1.12	39.8	12.9	24
W455923		2.41		0.17	3.66	0.2	<0.02	<10	90	0.48	0.11	1.55	0.15	31.5	11.2	28
W455924		2.13		0.33	4.10	0.5	<0.02	<10	150	0.22	0.13	1.01	0.13	34.5	17.2	29
W455925		2.35		1.06	4.43	0.7	<0.02	<10	80	0.38	0.33	1.37	0.20	52.5	19.6	30
W455926		2.65		0.96	4.34	0.7	<0.02	<10	100	0.31	0.30	1.56	0.17	46.3	30.0	31
W455927		2.19		0.43	3.46	0.6	<0.02	<10	120	0.24	0.15	1.22	0.11	32.4	15.1	29
W455928		2.34		1.19	3.52	0.4	<0.02	<10	110	0.30	0.50	1.05	0.14	37.6	16.8	27
W455929		1.21		2.50	3.67	1.8	0.03	10	90	0.16	0.87	0.85	0.13	29.5	80.8	24
W455930		0.13		0.05	2.88	0.1	<0.02	10	130	0.07	0.02	1.79	0.04	8.57	25.9	10

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	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455891		2.16	160.5	4.36	6.92	<0.05	0.25	0.02	0.020	0.29	3.6	22.4	1.58	482	0.23	0.36
W455892		1.23	292	2.81	4.31	0.06	0.29	0.06	0.041	1.23	11.7	6.3	1.23	393	0.58	0.09
W455893		0.80	8.4	2.41	10.20	0.06	0.31	<0.01	0.012	1.10	16.6	7.8	1.24	439	0.79	0.31
W455894		0.41	225	3.10	4.79	<0.05	0.30	<0.01	0.007	0.52	10.4	4.0	0.64	237	0.34	0.15
W455895		0.81	11.3	2.39	9.58	0.05	0.29	<0.01	0.011	0.95	12.5	8.8	1.11	403	0.85	0.25
W455896		1.42	22.7	2.44	9.33	0.05	0.30	<0.01	0.009	1.04	11.7	10.5	1.28	519	0.94	0.23
W455897		0.61	24.9	2.33	6.62	<0.05	0.40	<0.01	0.007	0.32	10.8	16.7	1.26	576	3.12	0.07
W455898		0.12	46.1	2.59	4.15	<0.05	0.32	<0.01	0.005	0.15	11.3	5.7	0.59	301	1.26	0.01
W455899		0.18	60.8	2.65	3.88	<0.05	0.21	<0.01	0.005	0.17	13.7	8.1	0.57	254	0.43	0.02
W455900		0.72	30.5	2.62	5.33	0.05	0.22	0.01	<0.005	0.58	12.7	7.5	0.96	497	0.36	0.06
W455901		0.99	13.4	2.58	5.65	0.05	0.26	0.01	0.006	0.46	10.5	12.7	1.11	440	0.38	0.07
W455902		1.54	27.1	3.86	13.10	0.08	0.16	0.01	0.024	1.63	12.9	17.5	2.14	823	0.26	0.21
W455903		0.81	80.1	3.20	5.96	0.05	0.20	0.01	0.013	0.79	11.3	7.2	1.03	372	0.35	0.08
W455904		0.50	139.0	2.07	4.35	0.06	0.18	0.03	0.132	0.50	12.2	4.2	0.61	283	0.27	0.08
W455905		0.96	50.2	3.07	8.70	0.07	0.24	<0.01	0.012	1.00	15.4	7.8	1.19	481	0.68	0.18
W455906		0.84	39.9	3.42	10.80	0.07	0.21	<0.01	0.018	1.24	14.9	9.8	1.47	543	0.95	0.22
W455907		0.92	37.8	3.22	11.25	0.06	0.27	0.01	0.017	1.54	15.9	10.0	1.53	596	0.51	0.25
W455908		0.66	37.6	2.74	9.20	0.07	0.14	0.01	0.015	0.82	17.5	8.4	1.32	439	0.70	0.14
W455909		1.01	34.0	3.26	10.85	0.08	0.22	<0.01	0.018	1.33	14.7	10.7	1.55	578	0.51	0.21
W455910		0.78	285	2.88	6.23	0.07	0.13	0.02	0.016	0.21	8.5	10.7	1.40	459	6.78	0.30
W455911		0.85	30.5	2.94	11.25	0.06	0.25	<0.01	0.017	1.35	16.8	9.5	1.38	545	0.32	0.25
W455912		1.08	27.8	3.37	14.50	0.10	0.15	<0.01	0.026	1.69	18.1	12.2	1.89	741	0.29	0.26
W455913		1.01	36.0	3.33	12.95	0.09	0.21	<0.01	0.016	1.36	20.3	11.8	1.70	673	1.08	0.21
W455914		0.17	79.7	2.80	3.98	0.06	0.15	0.01	0.008	0.18	11.8	3.5	0.44	256	0.29	0.06
W455915		0.88	28.3	3.03	10.70	0.07	0.19	<0.01	0.015	1.35	18.5	8.6	1.46	655	14.20	0.23
W455916		0.96	39.9	3.08	11.90	0.09	0.19	<0.01	0.021	1.47	19.5	8.5	1.48	730	0.40	0.26
W455917		0.48	58.2	3.63	7.91	0.09	0.20	0.01	0.008	0.63	20.9	5.7	0.88	414	0.36	0.16
W455918		0.88	28.2	2.67	10.00	0.08	0.24	<0.01	0.016	1.30	21.1	8.8	1.36	640	0.55	0.26
W455919		0.81	25.7	2.63	9.51	0.07	0.24	0.01	0.014	1.20	19.5	7.3	1.24	594	0.33	0.27
W455920		0.71	52.5	3.12	10.20	0.07	0.23	0.01	0.011	1.13	19.8	6.4	1.17	628	0.69	0.22
W455921		0.55	55.6	3.49	7.35	0.06	0.23	0.01	0.020	0.87	15.0	5.0	0.96	542	0.70	0.19
W455922		0.72	34.7	3.15	9.37	0.08	0.23	<0.01	0.016	1.17	18.2	7.2	1.28	710	0.27	0.24
W455923		1.49	21.2	3.18	10.25	0.07	0.16	<0.01	0.013	1.09	14.2	12.7	1.40	556	0.56	0.23
W455924		1.90	39.1	5.95	10.85	0.09	0.15	0.01	0.023	1.48	15.3	12.5	2.00	700	0.95	0.11
W455925		1.24	39.3	7.58	12.65	0.10	0.16	0.01	0.032	0.76	23.8	17.9	2.10	607	0.80	0.12
W455926		1.01	41.9	6.88	12.10	0.11	0.19	<0.01	0.028	0.86	21.5	9.2	1.77	521	2.18	0.13
W455927		0.88	19.4	4.83	10.15	0.08	0.18	<0.01	0.021	1.02	14.6	8.8	1.43	523	1.19	0.15
W455928		1.14	70.5	7.52	10.75	0.10	0.18	0.01	0.018	1.28	17.5	10.0	1.74	660	1.75	0.11
W455929		1.17	83.3	10.05	11.70	0.11	0.19	0.01	0.025	1.26	13.3	9.6	2.27	637	1.91	0.06
W455930		2.18	150.5	4.11	7.56	0.06	0.26	<0.01	0.019	0.20	3.4	19.2	1.51	428	0.21	0.39

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-04

CERTIFICATE OF ANALYSIS TB18056291

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455891		0.12	89.7	330	9.2	14.2	0.001	0.02	<0.05	2.9	0.5	0.4	55.1	<0.01	<0.01	0.6
W455892		0.09	22.9	670	291	40.0	<0.001	0.33	0.08	5.4	7.4	0.5	13.2	<0.01	0.06	1.6
W455893		0.10	12.5	470	37.4	37.4	0.001	0.02	<0.05	4.5	0.3	0.4	47.4	<0.01	0.01	2.9
W455894		0.11	32.8	400	18.1	17.2	<0.001	1.13	<0.05	1.7	1.8	0.2	20.5	<0.01	0.15	1.9
W455895		0.15	15.1	490	32.6	33.7	0.001	0.06	<0.05	3.7	<0.2	0.4	36.9	<0.01	0.01	2.8
W455896		0.13	14.6	480	43.5	42.7	0.001	0.26	<0.05	3.2	0.6	0.4	34.9	<0.01	0.04	2.7
W455897		0.13	11.7	450	48.6	10.6	<0.001	0.47	<0.05	2.1	1.5	0.3	10.9	<0.01	0.04	2.8
W455898		0.16	26.4	540	37.6	3.8	0.001	1.80	<0.05	1.8	2.5	0.2	4.1	<0.01	0.23	2.3
W455899		0.17	29.0	610	35.4	5.6	<0.001	1.84	0.06	1.8	1.7	0.2	9.0	<0.01	0.24	1.8
W455900		0.19	21.8	820	41.3	21.7	<0.001	0.76	<0.05	2.4	0.9	0.2	12.4	<0.01	0.06	1.6
W455901		0.19	25.6	890	25.1	16.2	<0.001	0.37	<0.05	1.9	0.7	0.3	5.0	<0.01	0.02	2.1
W455902		0.16	32.7	890	65.8	49.6	<0.001	0.23	<0.05	6.8	0.2	0.6	31.6	<0.01	0.07	2.0
W455903		0.21	33.2	800	41.6	28.3	<0.001	1.00	0.05	2.9	1.7	0.3	11.1	<0.01	0.18	1.5
W455904		0.21	39.0	710	354	18.9	<0.001	0.82	0.17	2.0	3.4	0.2	13.4	<0.01	0.11	1.5
W455905		0.21	44.6	900	79.4	38.7	<0.001	0.60	0.05	3.8	0.7	0.4	25.1	<0.01	0.05	2.0
W455906		0.22	35.1	910	34.2	40.7	<0.001	0.32	<0.05	5.3	<0.2	0.7	28.9	<0.01	0.03	2.0
W455907		0.20	29.7	950	49.6	49.7	<0.001	0.18	<0.05	5.1	0.3	0.7	32.4	<0.01	<0.01	1.9
W455908		0.24	30.4	820	40.2	27.2	<0.001	0.24	<0.05	5.2	<0.2	0.5	22.3	<0.01	0.02	2.0
W455909		0.21	31.2	900	46.2	44.9	<0.001	0.21	<0.05	5.1	<0.2	0.6	26.8	<0.01	0.01	1.9
W455910		0.24	117.0	340	13.9	9.4	0.004	0.11	1.75	3.2	0.5	1.4	83.8	<0.01	0.02	3.5
W455911		0.20	31.1	900	46.1	44.3	<0.001	0.17	<0.05	4.9	0.2	0.5	32.5	<0.01	0.02	2.0
W455912		0.22	27.6	860	54.0	51.2	<0.001	0.19	<0.05	7.6	0.2	0.8	37.0	0.01	0.01	2.0
W455913		0.19	33.1	910	64.1	46.0	<0.001	0.29	<0.05	6.4	<0.2	0.7	30.0	<0.01	0.01	2.4
W455914		0.24	41.5	620	45.0	5.9	<0.001	1.58	0.06	1.8	1.2	0.2	14.4	<0.01	0.17	1.4
W455915		0.15	27.0	890	54.5	44.7	<0.001	0.45	<0.05	4.9	0.4	0.5	27.3	<0.01	0.03	2.2
W455916		0.16	28.5	880	54.6	48.3	<0.001	0.49	<0.05	5.2	<0.2	0.5	35.6	<0.01	0.07	2.3
W455917		0.18	37.8	830	55.4	21.5	<0.001	1.56	<0.05	3.9	1.6	0.3	28.4	<0.01	0.29	2.3
W455918		0.12	26.1	920	46.5	43.5	<0.001	0.29	<0.05	4.4	<0.2	0.4	28.9	<0.01	0.03	2.4
W455919		0.11	26.6	950	45.6	41.4	<0.001	0.47	<0.05	3.9	<0.2	0.4	35.4	<0.01	0.05	2.3
W455920		0.14	31.4	910	46.7	38.5	<0.001	0.96	<0.05	4.6	0.2	0.4	28.3	<0.01	0.09	2.2
W455921		0.11	32.7	800	52.1	30.8	<0.001	1.59	<0.05	3.5	1.3	0.3	19.0	<0.01	0.07	1.8
W455922		0.14	30.4	840	64.4	39.1	<0.001	0.85	<0.05	4.1	<0.2	0.4	24.2	<0.01	0.03	2.2
W455923		0.20	27.0	860	29.8	32.0	<0.001	0.20	<0.05	4.7	<0.2	0.5	25.9	<0.01	0.07	2.0
W455924		0.34	38.4	880	17.1	40.4	<0.001	0.46	<0.05	7.5	0.3	0.8	17.9	0.01	0.17	1.9
W455925		0.33	39.4	850	13.0	20.9	<0.001	1.84	<0.05	7.0	3.5	0.8	20.4	0.01	0.65	2.7
W455926		0.39	44.4	880	14.0	24.1	<0.001	1.70	<0.05	7.4	4.4	0.9	23.5	0.01	0.55	2.5
W455927		0.35	30.9	920	13.5	28.1	<0.001	0.64	<0.05	6.4	0.4	0.8	19.2	0.01	0.18	1.8
W455928		0.37	44.8	840	14.5	32.0	<0.001	1.79	<0.05	6.8	0.6	0.9	16.6	<0.01	0.49	2.0
W455929		0.29	53.9	710	13.7	31.3	<0.001	4.36	<0.05	7.9	3.4	0.7	10.9	<0.01	1.27	1.7
W455930		0.21	82.4	330	0.5	10.7	0.001	0.02	<0.05	2.6	<0.2	0.4	50.5	<0.01	0.01	0.6

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TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-04

CERTIFICATE OF ANALYSIS TB18056291

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
W455891		0.311	0.18	0.14	155	<0.05	10.25	73	9.9
W455892		0.161	0.30	0.18	42	0.21	2.98	586	14.4
W455893		0.157	0.27	0.34	37	0.09	3.35	71	15.9
W455894		0.079	0.15	0.25	18	0.12	2.43	63	14.2
W455895		0.136	0.28	0.32	34	0.10	3.07	67	13.3
W455896		0.140	0.36	0.33	30	0.10	3.30	104	15.0
W455897		0.112	0.09	0.32	23	0.31	3.57	66	19.0
W455898		0.045	0.03	0.22	15	0.39	3.82	56	14.3
W455899		0.048	0.07	0.17	15	0.36	3.47	104	8.5
W455900		0.110	0.18	0.18	22	0.25	3.94	123	9.7
W455901		0.131	0.17	0.20	25	0.27	4.14	116	11.8
W455902		0.224	0.43	0.18	56	0.20	4.81	119	7.6
W455903		0.121	0.23	0.16	28	0.21	3.48	195	8.8
W455904		0.078	0.20	0.15	17	0.34	3.50	3190	8.1
W455905		0.140	0.33	0.21	33	0.26	4.53	154	11.1
W455906		0.175	0.28	0.21	45	0.13	4.53	101	10.5
W455907		0.179	0.32	0.20	42	0.14	4.42	98	12.3
W455908		0.143	0.23	0.21	40	0.15	4.53	81	7.1
W455909		0.176	0.32	0.20	42	0.56	4.05	89	10.2
W455910		0.108	0.07	1.06	66	1.47	6.89	53	3.5
W455911		0.165	0.30	0.20	40	0.12	4.56	76	11.2
W455912		0.197	0.35	0.19	55	0.14	4.89	84	7.2
W455913		0.190	0.36	0.23	49	0.20	5.34	104	8.8
W455914		0.059	0.06	0.14	14	0.36	3.35	195	6.3
W455915		0.163	0.36	0.20	40	0.18	4.78	178	9.3
W455916		0.166	0.35	0.21	42	0.12	5.24	181	10.3
W455917		0.102	0.14	0.23	28	0.28	5.57	343	8.9
W455918		0.166	0.31	0.23	38	0.13	5.62	105	10.6
W455919		0.146	0.31	0.22	36	0.08	5.48	139	11.4
W455920		0.128	0.25	0.21	35	0.13	5.48	127	11.0
W455921		0.095	0.22	0.17	28	0.13	4.26	770	10.8
W455922		0.150	0.27	0.20	36	0.15	4.93	327	10.4
W455923		0.183	0.24	0.22	42	0.17	4.47	84	7.5
W455924		0.205	0.31	0.19	55	0.30	4.38	62	6.3
W455925		0.150	0.21	0.27	56	0.21	5.36	142	7.3
W455926		0.173	0.19	0.26	55	0.27	5.56	120	8.5
W455927		0.170	0.22	0.20	50	0.22	4.60	53	7.8
W455928		0.174	0.25	0.25	53	3.29	4.40	56	8.3
W455929		0.163	0.24	0.20	49	0.28	4.86	117	8.9
W455930		0.298	0.14	0.13	147	<0.05	8.82	42	10.1

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Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-04

CERTIFICATE OF ANALYSIS TB18056291

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W455931		2.33		0.31	3.20	0.4	<0.02	<10	110	0.39	0.13	1.17	0.09	29.9	12.6	28
W455932		2.16		0.15	3.00	0.2	<0.02	<10	80	0.43	0.07	1.25	0.06	29.7	9.3	28
W455933		2.28		0.13	3.78	0.2	<0.02	<10	140	0.45	0.06	1.23	0.04	28.3	11.5	30
W455934		2.27		0.18	3.13	0.1	<0.02	<10	110	0.37	0.08	1.05	0.05	29.3	10.4	27
W455935		2.21		0.27	3.54	0.2	<0.02	<10	130	0.42	0.12	1.13	0.06	25.7	10.9	28
W455936		2.21		0.25	3.27	<0.1	<0.02	<10	130	0.43	0.07	0.98	0.05	22.3	13.9	27
W455937		1.81		0.27	3.83	0.1	<0.02	<10	130	0.43	0.10	1.25	0.06	21.3	15.4	28
W455938		2.29		1.20	2.16	0.9	<0.02	<10	50	0.47	0.56	0.84	0.14	21.7	14.6	19
W455939		1.42		1.10	2.50	2.0	<0.02	<10	60	0.25	0.55	0.81	0.16	18.30	11.3	21
W455940		2.18		2.68	1.45	11.2	0.02	<10	30	0.28	0.89	0.62	0.10	16.25	24.2	14
W455941		1.96		0.74	1.16	0.8	<0.02	<10	40	0.22	0.43	0.41	0.12	19.50	13.3	13
W455942		2.35		0.55	3.34	0.4	0.02	<10	190	0.37	0.30	0.59	0.13	28.4	23.8	27
W455943		1.17		0.96	3.10	0.2	<0.02	<10	140	0.34	0.50	0.65	0.17	30.3	23.1	25
W455944		2.28		0.59	2.26	0.4	<0.02	<10	200	0.20	0.27	0.50	0.11	28.2	18.3	26
W455945		1.77		0.81	2.00	0.5	0.02	<10	70	0.17	0.36	0.82	0.15	28.3	17.6	21
W455946		2.22		0.34	3.11	0.3	<0.02	<10	150	0.19	0.17	0.75	0.07	30.2	12.8	28
W455947		2.18		0.15	4.17	0.2	<0.02	<10	170	0.37	0.08	1.31	0.08	27.0	10.4	31
W455948		2.34		0.29	2.89	<0.1	<0.02	<10	100	0.26	0.14	1.02	0.07	29.5	16.8	26
W455949		2.41		0.87	2.51	0.5	<0.02	<10	90	0.16	0.45	0.88	0.18	32.3	18.6	23
W455950		2.20		0.24	2.44	0.2	<0.02	<10	90	0.20	0.11	0.78	0.05	28.5	13.7	26
W455251		2.26		0.18	2.33	0.2	<0.02	<10	100	0.14	0.08	0.56	0.04	33.8	15.1	29
W455252		1.00		0.06	1.12	0.2	<0.02	<10	40	0.09	0.03	0.54	0.03	15.70	3.4	14
W455253		2.54		0.18	3.49	0.2	<0.02	<10	200	0.20	0.07	0.94	0.04	35.6	13.6	39
W455254		2.26		0.12	2.45	0.3	<0.02	<10	70	0.16	0.10	0.73	0.03	28.2	13.4	31
W455255		2.25		0.13	2.50	0.3	<0.02	<10	100	0.21	0.09	0.98	0.08	32.2	10.9	33
W455256		2.24		0.15	2.89	0.2	<0.02	<10	180	0.15	0.08	0.65	0.04	35.1	12.1	34

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455931		0.82	32.4	3.68	10.10	0.07	0.17	<0.01	0.019	1.00	14.3	12.3	1.21	488	1.31	0.18
W455932		0.73	19.0	3.12	9.27	0.06	0.19	0.01	0.016	0.72	14.3	15.1	1.14	479	0.63	0.19
W455933		0.94	19.8	3.86	11.55	0.08	0.18	0.01	0.024	1.28	13.6	15.3	1.37	588	0.74	0.26
W455934		0.84	16.8	3.35	9.46	0.07	0.19	<0.01	0.017	1.12	14.0	13.6	1.17	473	0.88	0.19
W455935		0.96	27.6	3.71	10.30	0.06	0.18	0.01	0.020	1.34	12.3	14.5	1.23	535	1.13	0.27
W455936		1.12	39.1	3.46	9.95	0.06	0.21	<0.01	0.018	1.29	10.7	14.9	1.16	500	0.80	0.27
W455937		1.64	36.9	3.53	10.85	0.06	0.23	<0.01	0.018	1.38	10.2	15.2	1.31	499	0.89	0.33
W455938		0.83	32.6	4.88	6.13	0.06	0.29	0.01	0.007	0.64	10.1	9.8	0.86	378	0.81	0.15
W455939		1.19	43.2	6.85	7.53	0.06	0.27	<0.01	0.009	0.86	8.2	8.7	1.19	488	0.30	0.15
W455940		0.69	52.7	8.58	4.57	0.07	0.31	<0.01	0.007	0.43	7.4	6.6	0.63	306	0.48	0.08
W455941		0.50	27.2	3.79	3.65	<0.05	0.31	<0.01	<0.005	0.41	8.9	4.6	0.45	255	0.71	0.07
W455942		1.71	20.4	7.60	10.15	0.11	0.21	<0.01	0.026	1.43	13.6	29.2	1.66	624	0.62	0.13
W455943		1.40	34.4	7.57	8.86	0.10	0.19	0.01	0.031	1.00	14.5	15.0	1.87	609	0.40	0.06
W455944		1.22	24.5	5.05	8.11	0.07	0.30	<0.01	0.024	1.09	13.6	12.4	1.14	467	1.22	0.11
W455945		1.00	36.8	3.79	6.32	0.07	0.26	0.01	0.010	0.72	13.2	8.9	0.82	376	0.46	0.10
W455946		2.35	27.2	4.30	9.98	0.08	0.25	<0.01	0.022	1.41	14.8	18.8	1.41	572	1.75	0.15
W455947		2.43	24.9	3.59	11.70	0.07	0.21	<0.01	0.020	1.53	12.9	18.2	1.40	625	0.45	0.35
W455948		1.04	46.8	3.12	9.15	0.07	0.22	<0.01	0.021	0.93	13.7	15.7	0.92	382	0.73	0.23
W455949		1.18	53.6	5.88	7.34	0.10	0.25	<0.01	0.015	0.81	16.0	17.4	1.14	458	2.51	0.10
W455950		1.05	24.1	3.31	8.58	0.06	0.27	<0.01	0.016	0.86	13.4	18.9	1.01	458	0.98	0.15
W455251		1.16	28.2	3.24	9.25	0.07	0.29	<0.01	0.016	0.90	15.9	19.7	1.25	458	1.13	0.09
W455252		0.44	13.7	1.21	3.21	<0.05	0.05	<0.01	0.007	0.38	7.2	5.7	0.46	157	0.74	0.05
W455253		1.33	21.8	3.92	12.35	0.08	0.25	<0.01	0.023	1.50	17.0	26.1	1.54	526	0.37	0.21
W455254		0.80	49.0	3.70	9.77	0.07	0.18	<0.01	0.017	0.49	13.0	25.6	1.38	559	1.07	0.09
W455255		1.22	27.5	3.10	9.00	0.07	0.22	<0.01	0.017	0.62	15.1	21.5	1.21	439	0.58	0.11
W455256		2.03	21.4	3.90	10.40	0.09	0.28	<0.01	0.025	1.24	16.6	26.3	1.37	440	0.28	0.14

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-04

CERTIFICATE OF ANALYSIS TB18056291

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455931		0.20	29.5	870	15.8	30.4	0.003	0.40	0.06	6.2	0.7	0.7	24.1	<0.01	0.10	1.7
W455932		0.20	24.5	890	12.5	21.7	<0.001	0.22	0.06	5.3	0.5	0.6	22.4	<0.01	0.03	2.0
W455933		0.17	27.5	870	12.2	36.7	<0.001	0.22	0.06	7.0	0.4	0.8	30.0	<0.01	0.01	1.7
W455934		0.18	24.8	900	10.7	32.6	<0.001	0.31	0.05	5.5	0.3	0.6	22.6	<0.01	0.03	1.6
W455935		0.19	25.7	830	11.4	39.7	<0.001	0.50	0.05	5.5	0.4	0.7	29.0	<0.01	0.04	1.4
W455936		0.16	32.1	880	10.3	39.8	<0.001	0.51	0.05	5.2	0.4	0.6	27.7	<0.01	0.01	1.2
W455937		0.09	31.9	860	12.3	47.6	<0.001	0.63	<0.05	5.2	0.4	0.6	32.6	<0.01	0.02	1.1
W455938		0.09	29.5	880	10.8	22.6	<0.001	2.49	0.07	3.3	2.4	0.2	14.7	<0.01	0.15	1.3
W455939		0.08	32.0	760	13.0	34.1	<0.001	3.27	0.09	4.4	1.9	0.3	10.6	<0.01	0.12	1.0
W455940		0.21	38.3	670	10.8	16.8	0.001	7.51	0.16	2.6	5.7	0.2	7.4	<0.01	0.12	1.0
W455941		0.13	25.8	790	7.6	12.6	<0.001	1.96	0.05	2.1	0.8	0.2	5.9	<0.01	0.18	1.0
W455942		0.18	27.6	810	10.9	39.2	0.001	1.30	0.05	6.6	0.6	1.0	12.9	<0.01	0.39	1.5
W455943		0.17	32.9	790	10.5	27.4	<0.001	1.96	0.05	6.2	2.7	1.1	10.5	<0.01	0.69	1.5
W455944		0.21	29.7	970	8.5	31.2	0.001	0.92	0.05	7.3	0.6	0.9	10.8	<0.01	0.27	1.5
W455945		0.22	30.4	880	12.3	23.7	0.001	1.31	<0.05	3.9	0.7	0.4	10.2	<0.01	0.27	1.6
W455946		0.22	30.3	910	11.4	44.8	<0.001	0.54	<0.05	6.4	0.5	0.8	14.6	<0.01	0.03	1.6
W455947		0.13	24.7	900	14.2	44.8	<0.001	0.18	0.05	6.1	0.4	0.8	33.1	<0.01	0.01	1.5
W455948		0.22	30.6	950	6.7	29.3	<0.001	0.40	<0.05	5.4	0.3	0.6	25.3	<0.01	0.04	1.5
W455949		0.24	40.9	880	9.7	23.0	<0.001	1.41	0.05	6.7	0.5	0.5	13.7	<0.01	0.50	1.7
W455950		0.21	30.6	940	5.7	27.3	<0.001	0.36	<0.05	4.9	0.3	0.5	14.2	<0.01	0.06	1.7
W455251		0.21	31.6	1020	5.7	26.2	<0.001	0.14	<0.05	5.2	0.5	0.6	7.8	<0.01	0.06	2.1
W455252		0.13	9.1	460	2.8	10.7	<0.001	0.09	<0.05	2.2	0.6	0.2	8.0	<0.01	0.03	0.9
W455253		0.22	30.9	1050	6.5	41.3	<0.001	0.09	<0.05	7.7	0.4	0.8	21.4	<0.01	0.02	2.1
W455254		0.23	29.6	920	2.9	13.2	0.001	0.20	0.05	6.2	0.5	0.7	8.9	<0.01	0.04	1.9
W455255		0.27	24.2	1010	8.3	17.7	<0.001	0.15	<0.05	6.2	0.7	0.7	14.9	<0.01	0.03	1.9
W455256		0.24	32.8	1060	5.3	36.5	<0.001	0.09	<0.05	8.1	0.4	0.9	13.3	<0.01	0.02	2.1

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-04

CERTIFICATE OF ANALYSIS TB18056291

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
W455931		0.167	0.22	0.21	48	0.15	4.44	47	7.9
W455932		0.169	0.15	0.22	45	0.15	5.05	47	8.2
W455933		0.198	0.28	0.20	56	0.13	4.55	44	8.0
W455934		0.172	0.25	0.18	49	0.11	4.42	46	8.6
W455935		0.179	0.31	0.18	48	0.10	3.74	53	8.4
W455936		0.173	0.31	0.16	48	0.08	3.67	62	8.8
W455937		0.180	0.37	0.16	48	0.08	3.74	63	10.1
W455938		0.092	0.19	0.17	29	0.57	3.76	69	12.0
W455939		0.112	0.27	0.13	36	0.14	3.35	87	10.6
W455940		0.069	0.15	0.14	20	0.38	3.32	59	12.6
W455941		0.060	0.11	0.14	17	0.31	3.49	41	13.8
W455942		0.171	0.34	0.17	55	0.59	4.10	33	8.8
W455943		0.157	0.24	0.18	48	0.43	4.71	54	8.4
W455944		0.159	0.24	0.20	59	0.51	4.23	22	12.5
W455945		0.123	0.21	0.19	31	4.22	4.45	98	11.8
W455946		0.189	0.36	0.19	53	0.38	4.41	53	10.5
W455947		0.199	0.35	0.18	54	0.23	4.03	68	9.1
W455948		0.154	0.23	0.18	47	0.11	4.52	40	9.5
W455949		0.145	0.18	0.23	52	0.23	4.62	41	10.5
W455950		0.162	0.25	0.22	44	0.15	4.97	48	12.0
W455251		0.185	0.19	0.22	51	0.22	5.28	59	12.5
W455252		0.061	0.08	0.08	16	0.09	1.99	22	2.2
W455253		0.228	0.30	0.23	67	0.29	5.00	66	12.5
W455254		0.185	0.10	0.19	51	0.55	5.76	36	8.4
W455255		0.176	0.16	0.20	52	0.43	5.33	56	9.2
W455256		0.221	0.27	0.22	65	0.30	5.13	39	11.7

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-04

CERTIFICATE OF ANALYSIS TB18056291

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	ME-MS41

ALS Canada Ltd.

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

CERTIFICATE TB18054142

Project: MAR18-05

This report is for 118 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 12-MAR-2018.

The following have access to data associated with this certificate:

GEORGE MANNARD	ROBERT MIDDLETON	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

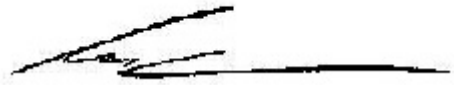
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Ag-OG46	Ore Grade Ag - Aqua Regia	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	ICP-AES

To: **COPPER LAKE RESOURCES LTD.**
ATTN: ROBERT MIDDLETON
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

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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To: **COPPER LAKE RESOURCES LTD.**
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TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-05

CERTIFICATE OF ANALYSIS TB18054142

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W452921		1.85		3.13	1.78	1.8	<0.02	<10	20	0.12	3.72	0.16	2.65	26.3	14.8	13
W452922		2.39		5.83	1.90	5.2	<0.02	<10	30	0.18	8.39	0.15	4.68	25.8	14.5	13
W452923		2.50		2.77	1.58	4.5	<0.02	<10	30	0.15	4.06	0.11	5.82	24.6	13.0	10
W452924		2.00		0.71	2.66	2.0	<0.02	<10	20	0.22	0.27	0.88	0.89	23.5	12.1	37
W452925		2.29		0.51	2.62	1.2	<0.02	<10	20	0.20	0.18	0.73	0.20	20.9	16.9	44
W452926		0.04	0.498	0.54	2.97	183.5	0.65	<10	130	0.23	0.13	2.01	0.26	19.20	15.6	115
W452927		2.28		0.45	2.67	0.9	<0.02	<10	20	0.29	0.16	0.76	0.36	19.40	15.4	46
W452928		2.31		0.49	2.91	1.5	<0.02	<10	30	0.20	0.18	0.75	0.18	19.55	16.2	42
W452929		2.28		0.51	3.36	1.8	<0.02	<10	50	0.33	0.23	0.88	0.17	17.20	16.2	44
W452930		2.34		0.39	4.35	0.9	<0.02	<10	90	0.40	0.19	1.45	0.31	18.85	15.4	51
W452931		2.39		0.48	4.11	0.5	<0.02	<10	110	0.39	0.08	1.13	0.18	17.90	10.4	47
W452932		2.34		0.75	3.31	0.3	<0.02	<10	70	0.57	0.07	0.60	0.15	20.2	13.0	45
W452933		2.53		0.68	2.89	0.2	<0.02	<10	50	0.37	0.06	0.31	0.23	17.75	11.7	43
W452934		2.47		1.21	2.69	0.2	<0.02	<10	40	0.28	1.30	0.31	1.10	18.80	11.1	40
W452935		2.38		1.04	2.25	0.9	<0.02	<10	40	0.20	0.21	0.22	0.34	15.85	12.7	27
W452936		0.97		2.70	2.50	0.9	<0.02	<10	40	0.28	0.97	0.17	1.52	11.35	17.5	28
W452937		2.30		2.64	2.01	1.9	<0.02	<10	40	0.08	1.69	0.24	5.11	12.70	10.0	24
W452938		2.00		3.05	1.74	5.2	<0.02	<10	20	0.31	0.79	0.18	2.34	13.85	14.2	21
W452939		0.96	0.868	>100	3.60	4.9	0.57	<10	40	0.12	1.40	0.21	107.0	7.75	26.8	21
W452940		2.50		3.46	1.64	7.9	<0.02	<10	30	0.21	1.19	0.22	9.81	14.00	13.5	21
W452941		2.33		1.12	2.67	3.1	<0.02	<10	60	0.36	0.16	0.38	0.27	16.15	11.9	39
W452942		2.28		0.65	2.75	2.8	<0.02	<10	50	0.35	0.10	0.48	0.14	17.50	11.6	35
W452943		2.40		0.75	2.34	2.8	<0.02	<10	50	0.38	0.29	0.42	2.33	13.80	12.2	30
W452944		2.29		0.93	2.77	1.3	<0.02	<10	50	0.58	0.12	0.41	0.18	16.50	13.8	34
W452945		2.36		0.70	3.07	0.7	<0.02	<10	80	0.31	0.19	0.53	2.70	17.80	12.0	44
W452946		0.11		0.06	2.90	0.3	<0.02	10	130	0.07	0.02	1.78	0.05	8.74	27.0	12
W452947		2.66		0.95	3.39	2.2	<0.02	<10	90	0.37	0.15	0.67	0.22	17.25	15.7	46
W452948		2.38		0.96	2.81	1.8	<0.02	<10	50	0.32	0.08	0.50	0.20	16.35	12.9	46
W452949		2.26		0.82	2.34	2.5	<0.02	<10	40	0.32	0.22	0.41	0.32	15.45	11.5	40
W452950		2.68		0.95	2.97	2.5	<0.02	<10	80	0.45	0.08	0.49	0.22	14.95	12.7	44
W452951		2.48		0.40	3.95	3.2	<0.02	<10	110	0.35	0.10	1.30	0.31	13.15	12.7	48
W452952		2.50		0.38	4.32	2.6	<0.02	<10	150	0.41	0.11	1.19	0.23	12.45	12.7	52
W452953		2.30		0.89	2.74	2.9	<0.02	<10	50	0.35	0.14	0.47	0.17	13.30	13.0	43
W452954		2.45		0.94	2.22	4.0	<0.02	<10	40	0.27	0.19	0.36	0.21	15.70	16.1	36
W452955		2.26		1.16	2.52	3.2	<0.02	<10	40	0.31	0.16	0.38	0.41	13.85	12.4	40
W452956		2.85		1.86	2.19	4.0	<0.02	<10	20	0.38	0.18	0.28	0.38	14.70	20.0	30
W452957		2.40		1.03	1.34	7.1	<0.02	<10	30	0.20	0.11	0.30	0.30	14.80	17.1	18
W452958		2.89		2.62	1.24	12.6	<0.02	<10	40	0.24	2.28	0.17	0.92	12.55	15.7	15
W452959		1.55		1.18	1.69	2.7	<0.02	<10	40	0.36	0.08	0.23	0.38	13.20	8.2	23
W452960		2.24		2.01	2.22	1.1	<0.02	<10	70	0.26	0.15	0.25	0.50	12.50	11.3	30

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-05

CERTIFICATE OF ANALYSIS TB18054142

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W452921		0.33	219	3.46	5.09	<0.05	0.38	0.01	0.010	0.18	13.2	13.7	1.33	1040	0.28	0.01
W452922		0.40	246	4.03	5.25	0.05	0.42	0.02	0.010	0.22	14.7	14.8	1.38	1110	0.20	0.01
W452923		0.35	123.5	3.06	3.99	<0.05	0.37	0.02	0.007	0.25	13.9	11.7	1.06	824	0.20	0.01
W452924		0.34	131.0	3.83	9.14	<0.05	0.28	0.01	0.015	0.19	12.0	24.2	2.20	1060	0.65	0.02
W452925		0.48	57.8	3.71	9.10	<0.05	0.23	<0.01	0.011	0.23	10.7	25.8	2.17	1020	1.22	0.06
W452926		0.75	300	3.06	6.54	0.06	0.15	0.03	0.019	0.21	9.7	10.2	1.50	481	7.20	0.33
W452927		0.52	57.9	3.51	9.25	<0.05	0.24	<0.01	0.015	0.23	10.0	29.3	2.20	965	0.75	0.09
W452928		0.67	46.0	3.61	9.10	<0.05	0.23	<0.01	0.014	0.43	9.9	24.3	1.97	864	0.68	0.14
W452929		0.90	33.6	3.91	9.85	0.06	0.24	<0.01	0.016	0.64	7.9	25.7	2.21	890	0.81	0.18
W452930		1.04	21.8	3.55	12.45	0.06	0.24	<0.01	0.020	0.92	9.5	29.0	2.17	888	1.41	0.32
W452931		0.98	29.5	3.26	12.20	0.06	0.20	<0.01	0.025	1.16	9.2	30.0	2.11	907	0.22	0.31
W452932		1.06	38.1	3.31	10.05	0.05	0.23	<0.01	0.017	0.96	10.3	37.7	2.03	926	1.02	0.17
W452933		0.93	59.9	3.54	8.77	<0.05	0.23	<0.01	0.013	0.81	9.1	30.5	2.10	1060	0.18	0.06
W452934		0.69	48.1	3.48	8.26	<0.05	0.25	<0.01	0.012	0.57	9.7	22.7	2.23	1100	0.71	0.04
W452935		0.53	111.5	3.42	6.05	<0.05	0.25	<0.01	0.007	0.44	7.5	17.2	1.77	933	0.78	0.02
W452936		0.77	483	4.19	5.96	0.07	0.23	0.01	0.012	0.57	5.2	18.2	2.05	1020	0.77	0.02
W452937		0.54	284	3.01	5.38	<0.05	0.27	0.01	0.011	0.49	5.8	12.7	1.58	850	0.35	0.02
W452938		0.42	430	3.03	4.46	<0.05	0.28	0.01	<0.005	0.32	6.5	14.7	1.26	823	0.67	0.02
W452939		0.68	>10000	9.49	10.20	0.17	0.25	0.31	0.194	0.63	3.3	27.9	3.39	1360	0.45	0.02
W452940		0.41	353	2.90	4.47	<0.05	0.25	0.02	0.020	0.34	6.6	14.6	1.17	687	0.97	0.02
W452941		0.72	97.7	3.34	8.16	<0.05	0.23	<0.01	0.013	0.66	8.2	28.9	2.09	1100	0.72	0.07
W452942		0.72	48.5	2.81	7.63	<0.05	0.23	<0.01	0.011	0.60	8.4	27.7	1.94	1090	0.16	0.11
W452943		0.71	54.8	2.75	6.31	<0.05	0.16	0.01	0.019	0.56	6.6	23.6	1.72	959	0.52	0.07
W452944		0.93	70.8	2.77	7.42	<0.05	0.20	<0.01	0.009	0.65	8.0	33.2	1.88	1060	0.28	0.09
W452945		0.79	33.0	2.86	8.98	<0.05	0.21	<0.01	0.022	0.77	9.0	27.1	2.16	951	0.20	0.13
W452946		2.08	158.5	4.46	7.05	<0.05	0.26	0.01	0.017	0.20	3.4	20.4	1.60	466	0.25	0.39
W452947		0.88	54.1	3.15	9.85	<0.05	0.21	<0.01	0.016	0.90	8.8	31.1	2.23	1040	0.35	0.16
W452948		0.70	42.4	3.10	8.35	<0.05	0.17	<0.01	0.016	0.51	8.3	29.1	2.20	1080	0.39	0.09
W452949		0.59	36.2	2.71	7.53	<0.05	0.22	<0.01	0.013	0.45	7.3	22.2	1.84	919	0.54	0.06
W452950		0.94	47.6	3.23	9.18	0.05	0.20	<0.01	0.016	0.77	7.1	32.1	2.11	1160	0.43	0.12
W452951		0.90	14.1	3.14	11.30	<0.05	0.20	<0.01	0.014	0.95	6.0	22.2	2.19	1000	0.45	0.26
W452952		0.96	14.1	3.59	12.15	0.05	0.24	<0.01	0.016	1.31	5.6	27.3	2.43	1100	0.42	0.27
W452953		0.70	28.3	3.69	8.63	<0.05	0.21	<0.01	0.012	0.62	6.2	22.6	2.01	1080	0.40	0.11
W452954		0.58	28.4	3.64	7.27	<0.05	0.24	<0.01	0.012	0.44	7.3	18.6	1.73	934	0.51	0.06
W452955		0.61	32.9	3.75	8.28	<0.05	0.24	<0.01	0.013	0.50	6.4	22.4	2.04	1040	0.52	0.06
W452956		0.43	49.8	4.41	6.18	<0.05	0.25	<0.01	0.009	0.28	6.9	17.1	1.67	1070	0.62	0.02
W452957		0.30	71.9	2.50	3.50	<0.05	0.32	0.01	0.006	0.27	7.5	8.6	0.78	445	0.29	0.04
W452958		0.25	132.5	3.00	3.79	<0.05	0.36	<0.01	0.005	0.25	6.2	7.1	0.80	484	1.00	0.02
W452959		0.41	49.7	2.36	5.21	<0.05	0.28	<0.01	0.006	0.35	5.9	12.4	1.26	739	0.17	0.03
W452960		0.65	34.3	3.34	7.64	<0.05	0.27	<0.01	0.013	0.68	5.8	17.3	1.69	923	0.38	0.04

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

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CERTIFICATE OF ANALYSIS TB18054142

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W452921		0.08	27.7	400	169.5	6.1	0.001	1.19	<0.05	1.2	5.7	<0.2	1.5	<0.01	0.17	2.5
W452922		0.08	29.0	360	270	7.6	0.001	1.84	0.05	1.2	7.4	<0.2	1.6	<0.01	0.24	2.7
W452923		0.05	29.2	370	100.0	8.0	<0.001	1.30	0.06	0.8	3.3	<0.2	1.4	<0.01	0.06	2.9
W452924		0.13	56.6	650	27.9	6.1	<0.001	0.48	<0.05	3.4	0.8	0.3	4.3	<0.01	0.14	1.9
W452925		0.07	49.6	650	27.3	7.9	0.001	0.77	<0.05	4.9	1.2	0.4	5.1	<0.01	0.15	1.6
W452926		0.18	124.0	370	14.4	9.3	0.003	0.11	1.61	3.5	0.2	1.6	95.0	<0.01	0.03	3.3
W452927		0.06	47.6	580	39.4	7.5	<0.001	0.73	<0.05	6.1	1.0	0.5	6.6	<0.01	0.11	1.5
W452928		0.06	53.3	610	32.3	14.6	<0.001	1.02	<0.05	5.0	1.1	0.3	11.5	<0.01	0.11	1.4
W452929		<0.05	51.3	610	29.9	21.0	<0.001	1.31	<0.05	5.6	1.1	0.4	14.2	<0.01	0.08	1.3
W452930		<0.05	44.6	550	56.8	27.7	<0.001	0.81	<0.05	7.3	1.1	0.6	26.0	<0.01	0.07	1.4
W452931		<0.05	40.1	550	46.4	35.3	<0.001	0.38	<0.05	6.9	0.5	0.7	22.6	<0.01	0.08	1.3
W452932		<0.05	46.2	610	35.2	32.1	<0.001	0.38	<0.05	5.2	0.6	0.5	15.7	<0.01	0.09	1.5
W452933		0.05	45.5	620	56.2	28.1	<0.001	0.32	<0.05	4.5	1.6	0.4	7.2	<0.01	0.12	1.4
W452934		0.07	42.0	600	191.5	20.6	<0.001	0.19	<0.05	4.8	3.5	0.4	3.3	<0.01	0.12	1.5
W452935		<0.05	39.2	600	66.0	15.6	<0.001	0.66	<0.05	2.7	4.8	0.2	2.3	<0.01	0.14	1.3
W452936		<0.05	41.4	450	102.5	23.2	0.001	1.06	<0.05	3.8	12.0	0.4	2.0	<0.01	0.35	0.9
W452937		<0.05	36.0	590	121.0	18.8	0.001	0.76	<0.05	2.1	5.4	0.2	2.7	<0.01	0.23	1.1
W452938		<0.05	35.3	550	145.5	11.3	0.002	1.17	0.05	1.6	6.2	<0.2	2.1	<0.01	0.22	1.1
W452939		0.06	53.8	380	152.5	24.9	<0.001	5.08	<0.05	4.0	51.8	1.1	1.9	<0.01	1.43	0.7
W452940		<0.05	38.3	590	73.5	11.7	0.001	1.31	0.05	1.5	6.1	<0.2	2.3	<0.01	0.22	1.1
W452941		<0.05	42.2	610	79.6	25.8	0.001	0.86	<0.05	3.6	2.4	0.3	5.4	<0.01	0.13	1.2
W452942		<0.05	43.7	640	63.1	23.7	<0.001	0.59	<0.05	2.9	1.2	0.3	11.1	<0.01	0.07	1.2
W452943		<0.05	41.4	650	63.5	21.3	0.001	0.92	<0.05	2.8	2.9	0.3	7.0	<0.01	0.11	1.0
W452944		<0.05	50.9	630	51.5	24.6	<0.001	0.58	<0.05	3.2	1.4	0.2	10.3	<0.01	0.13	1.3
W452945		<0.05	46.9	620	45.7	26.6	<0.001	0.35	<0.05	4.3	0.7	0.4	10.1	<0.01	0.06	1.3
W452946		0.15	88.3	350	0.8	10.4	0.001	0.02	<0.05	2.5	<0.2	0.4	50.1	<0.01	<0.01	0.6
W452947		<0.05	51.3	640	53.6	30.0	<0.001	0.56	<0.05	5.1	0.9	0.5	14.1	<0.01	0.12	1.3
W452948		<0.05	44.6	610	65.5	17.2	<0.001	0.50	<0.05	4.5	0.8	0.4	8.4	<0.01	0.11	1.3
W452949		<0.05	40.1	620	138.0	15.9	<0.001	0.55	0.05	4.3	1.9	0.4	6.0	<0.01	0.11	1.3
W452950		<0.05	46.4	590	68.3	27.5	<0.001	0.89	0.05	5.0	1.1	0.5	11.0	<0.01	0.13	1.2
W452951		<0.05	40.4	590	78.8	29.6	<0.001	1.11	<0.05	6.4	0.6	0.5	23.3	<0.01	0.06	1.1
W452952		<0.05	49.8	650	70.8	40.8	<0.001	1.16	<0.05	7.4	0.5	0.6	21.1	<0.01	0.06	1.0
W452953		<0.05	42.8	600	52.3	22.4	<0.001	1.45	<0.05	4.8	0.7	0.4	9.1	<0.01	0.14	1.1
W452954		<0.05	43.8	670	58.2	16.0	<0.001	1.61	0.06	3.4	0.9	0.3	5.8	<0.01	0.20	1.3
W452955		<0.05	42.0	620	97.6	18.4	0.001	1.25	0.06	4.2	1.3	0.3	5.4	<0.01	0.16	1.2
W452956		<0.05	49.5	700	104.0	10.3	0.001	2.09	0.07	2.7	1.4	<0.2	3.0	<0.01	0.26	1.2
W452957		<0.05	32.5	640	96.8	7.4	<0.001	1.36	0.07	1.7	0.9	<0.2	4.0	<0.01	0.09	1.2
W452958		<0.05	36.9	630	213	7.2	0.001	1.84	0.12	1.0	2.1	<0.2	2.0	<0.01	0.13	1.0
W452959		<0.05	29.9	580	109.5	12.8	<0.001	0.64	0.06	1.7	1.1	0.2	3.3	<0.01	0.03	1.1
W452960		<0.05	36.9	600	91.0	26.5	<0.001	0.90	<0.05	2.9	1.2	0.3	3.2	<0.01	0.10	1.1

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Ag-OG46	Cu-OG46	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.001	0.001
W452921		0.057	0.06	0.31	15	1.33	3.54	1780	16.8			
W452922		0.059	0.08	0.31	16	0.18	3.73	2240	18.3			
W452923		0.026	0.07	0.27	10	0.13	3.22	2040	15.6			
W452924		0.118	0.05	0.18	41	0.20	4.52	458	11.8			
W452925		0.121	0.08	0.15	48	0.22	4.12	169	10.2			
W452926		0.115	0.08	1.01	71	1.53	7.66	55	3.5			
W452927		0.153	0.07	0.14	52	0.23	4.03	247	9.9			
W452928		0.118	0.17	0.13	45	0.19	3.73	179	9.8			
W452929		0.149	0.21	0.12	49	0.11	3.47	186	10.2			
W452930		0.180	0.20	0.15	57	0.14	3.38	287	10.8			
W452931		0.181	0.26	0.13	59	0.08	2.89	160	9.1			
W452932		0.160	0.25	0.14	47	0.08	3.07	187	10.7			
W452933		0.146	0.24	0.13	43	0.11	2.91	240	10.5			
W452934		0.137	0.18	0.14	44	0.12	3.07	570	11.1			
W452935		0.095	0.16	0.12	30	0.11	2.95	560	11.3			
W452936		0.101	0.31	0.13	34	0.06	2.05	982	10.2			
W452937		0.070	0.25	0.13	23	0.08	2.50	1750	12.3			
W452938		0.047	0.23	0.14	16	0.10	2.37	1670	11.9			
W452939		0.097	0.19	0.12	34	0.07	1.81	>10000	10.7	239	2.61	2.66
W452940		0.061	0.20	0.11	18	0.09	2.61	2170	11.2			
W452941		0.140	0.23	0.12	37	0.08	3.01	248	10.2			
W452942		0.117	0.20	0.11	33	0.09	3.10	168	9.3			
W452943		0.093	0.18	0.10	28	0.09	2.61	448	7.6			
W452944		0.083	0.26	0.11	31	0.06	2.76	196	8.6			
W452945		0.138	0.19	0.11	42	0.06	2.84	405	9.8			
W452946		0.313	0.17	0.13	159	<0.05	9.75	46	9.6			
W452947		0.141	0.25	0.11	46	0.07	2.80	269	9.6			
W452948		0.136	0.17	0.11	44	0.07	3.20	348	8.1			
W452949		0.116	0.14	0.12	40	0.08	3.34	335	9.5			
W452950		0.125	0.20	0.10	44	0.06	2.65	224	8.9			
W452951		0.147	0.19	0.10	51	0.08	2.81	180	8.8			
W452952		0.169	0.28	0.10	58	0.06	2.68	185	8.2			
W452953		0.126	0.19	0.11	45	0.07	2.93	176	9.5			
W452954		0.113	0.16	0.12	36	0.11	3.35	207	11.0			
W452955		0.127	0.17	0.11	41	0.09	3.07	354	10.7			
W452956		0.059	0.14	0.11	29	0.09	3.10	273	10.6			
W452957		0.036	0.11	0.11	16	0.08	2.83	256	13.2			
W452958		0.022	0.08	0.11	13	0.08	2.78	1100	15.0			
W452959		0.068	0.13	0.11	22	0.08	2.68	278	11.8			
W452960		0.105	0.21	0.10	31	0.11	2.82	485	12.1			

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-05

CERTIFICATE OF ANALYSIS TB18054142

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W452961		2.39		1.79	3.12	1.2	<0.02	<10	100	0.34	0.22	0.36	0.72	12.90	16.7	41
W452962		2.39		1.45	2.66	0.8	<0.02	<10	80	0.12	0.19	0.28	0.50	13.05	11.7	36
W452963		2.45		0.94	3.22	0.1	<0.02	<10	120	0.19	0.22	0.23	0.46	11.90	10.6	39
W452964		2.56		2.34	2.98	0.2	<0.02	<10	110	0.13	0.34	0.38	0.76	10.35	12.5	35
W452965		1.26		2.02	3.18	0.3	<0.02	<10	90	0.30	0.26	0.17	0.32	9.43	11.8	36
W452966		0.04	0.464	0.61	2.87	182.5	0.49	<10	140	0.23	0.13	1.93	0.28	17.95	15.5	110
W452967		2.36		12.95	2.87	0.5	0.02	<10	90	0.10	9.24	0.59	35.6	12.35	12.9	22
W452968		0.98		1.58	2.69	0.3	<0.02	<10	60	0.41	0.20	0.14	0.21	13.95	14.1	20
W452969		1.80		1.24	2.75	0.1	<0.02	<10	70	0.19	0.25	0.14	0.20	13.65	9.6	19
W452970		1.18		0.68	3.70	0.3	<0.02	<10	130	0.12	0.18	0.58	0.31	15.65	8.7	24
W452971		2.45		0.96	2.70	0.3	<0.02	<10	80	0.18	0.19	0.25	0.36	16.85	12.8	22
W452972		2.47		0.86	2.73	0.2	<0.02	<10	80	0.31	0.14	0.31	0.28	17.35	12.1	21
W452973		1.27		1.05	3.33	0.2	<0.02	<10	110	0.21	0.15	0.47	0.33	12.95	15.1	23
W452974		2.45		3.23	3.30	<0.1	<0.02	<10	110	0.12	1.14	0.34	7.81	20.0	12.1	21
W452975		0.78		6.22	2.69	0.3	<0.02	<10	70	0.16	1.34	0.20	89.6	12.80	15.8	17
W452976		2.03		2.42	2.43	0.2	<0.02	<10	60	0.17	1.44	0.23	3.47	15.00	9.9	17
W452977		2.36		0.62	2.02	0.2	<0.02	<10	40	0.15	0.26	0.22	0.83	15.05	7.8	15
W452978		2.37		3.69	1.91	0.3	<0.02	<10	40	0.09	0.73	0.13	0.92	9.88	18.1	12
W452979		2.11		2.62	1.97	0.5	<0.02	<10	50	0.15	0.58	0.19	12.55	12.55	9.1	15
W452980		2.42		2.81	2.08	0.2	<0.02	<10	50	0.17	0.91	0.34	7.85	17.65	6.0	17
W452981		2.36		1.03	2.47	0.4	<0.02	<10	60	0.16	0.06	0.27	0.26	21.0	7.8	19
W452982		2.52		1.07	2.20	0.2	<0.02	<10	50	0.36	0.07	0.18	0.30	18.15	8.1	15
W452983		1.39		0.88	2.60	0.1	<0.02	<10	40	0.15	1.16	0.26	0.32	21.6	6.8	23
W452984		0.95		1.09	2.32	0.3	<0.02	<10	40	0.17	0.48	0.23	0.64	17.50	9.0	18
W452985		0.11		0.05	2.52	0.3	<0.02	10	130	0.06	0.02	1.55	0.05	8.56	26.1	10
W452986		2.66		1.35	2.10	0.2	<0.02	<10	40	0.13	0.33	0.16	1.65	14.20	8.5	16
W452987		2.86		3.63	2.73	0.1	<0.02	<10	110	0.22	0.66	0.16	5.01	11.40	8.4	21
W452988		2.80		12.00	2.53	0.7	0.02	<10	120	0.18	5.28	0.29	23.6	9.32	7.3	17
W452989		2.17		2.92	1.91	0.2	<0.02	<10	50	0.21	1.64	0.21	3.19	14.10	8.7	13
W452990		2.38		1.20	2.04	0.2	<0.02	<10	70	0.25	0.14	0.24	2.84	17.40	6.3	15
W452991		1.40		1.37	2.12	0.2	<0.02	<10	70	0.19	0.18	0.21	19.10	16.85	7.3	15
W452992		2.48		1.05	2.52	<0.1	<0.02	<10	100	0.06	0.92	0.31	14.00	20.7	9.0	18
W452993		2.46		1.48	1.97	0.2	<0.02	<10	70	0.22	4.88	0.18	0.62	17.10	11.2	16
W452994		2.56		1.69	2.38	0.3	<0.02	<10	80	0.20	0.65	0.19	0.46	11.40	9.4	21
W452995		2.35		0.62	2.27	0.2	<0.02	<10	80	0.06	0.27	0.16	0.12	13.70	7.9	21
W452996		1.27		2.16	2.28	0.9	<0.02	<10	70	0.12	0.84	0.26	0.45	16.95	13.5	22
W452997		0.85		6.15	2.69	0.3	<0.02	<10	100	0.09	1.66	0.18	7.36	14.75	15.5	24
W452998		2.62		0.79	2.25	0.2	<0.02	<10	50	0.20	0.75	0.24	0.42	19.10	10.4	21
W452999		2.53		1.85	2.26	0.2	<0.02	<10	70	0.14	2.28	0.20	21.0	15.30	18.1	23
W453000		2.72		1.68	2.10	0.3	<0.02	<10	80	0.30	3.71	0.18	0.52	20.1	14.6	23

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To: **COPPER LAKE RESOURCES LTD.**
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TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-05

CERTIFICATE OF ANALYSIS TB18054142

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W452961		1.02	63.9	4.18	10.45	<0.05	0.23	<0.01	0.020	1.19	5.8	22.9	2.46	1170	0.40	0.06
W452962		0.71	53.5	3.53	8.92	<0.05	0.22	<0.01	0.020	0.83	6.0	16.5	2.16	1080	0.45	0.05
W452963		1.01	77.1	3.57	9.88	<0.05	0.18	<0.01	0.010	1.27	5.0	18.1	2.46	1140	0.66	0.05
W452964		0.85	333	3.65	10.25	0.05	0.19	<0.01	0.005	1.12	4.3	16.1	2.35	925	0.84	0.07
W452965		0.98	347	3.91	9.24	<0.05	0.20	<0.01	0.005	1.13	4.3	25.3	2.42	1080	0.18	0.04
W452966		0.71	300	3.07	6.47	0.07	0.16	0.04	0.018	0.22	8.7	9.6	1.49	470	6.54	0.32
W452967		0.82	687	3.88	9.79	0.07	0.30	0.07	0.092	1.05	6.1	12.4	2.60	908	1.26	0.07
W452968		0.71	153.5	3.53	7.73	0.05	0.31	<0.01	0.010	0.67	7.5	27.1	2.12	1280	0.15	0.03
W452969		0.96	87.4	3.31	7.21	<0.05	0.33	<0.01	0.010	0.98	6.6	20.6	2.14	1200	0.38	0.03
W452970		1.18	23.4	3.79	11.30	0.06	0.37	<0.01	0.017	1.73	8.2	17.9	3.14	1260	0.77	0.07
W452971		0.85	65.5	3.07	7.47	<0.05	0.40	<0.01	0.011	1.01	9.0	19.6	2.05	988	0.67	0.06
W452972		0.90	81.0	2.78	7.56	0.05	0.36	<0.01	0.013	1.02	9.4	26.2	1.95	974	0.57	0.08
W452973		0.92	92.1	3.46	9.64	0.05	0.34	<0.01	0.017	1.38	6.5	19.6	2.26	948	0.55	0.14
W452974		1.26	131.5	3.60	8.38	0.05	0.41	0.01	0.022	1.31	10.9	27.2	2.82	1270	0.97	0.06
W452975		0.87	319	3.63	6.27	0.06	0.38	0.04	0.088	0.72	7.2	20.0	2.36	1120	1.26	0.03
W452976		1.02	157.0	3.05	5.86	<0.05	0.36	<0.01	0.016	0.54	7.5	19.4	2.10	1220	0.16	0.02
W452977		0.69	48.4	2.62	5.62	<0.05	0.29	<0.01	0.008	0.31	8.1	16.3	1.82	1080	0.12	0.01
W452978		0.56	183.0	3.44	5.79	<0.05	0.30	<0.01	0.010	0.33	4.8	15.2	1.59	947	1.23	0.01
W452979		0.64	118.5	3.18	5.69	<0.05	0.30	<0.01	0.012	0.39	5.9	15.9	1.58	949	3.56	0.02
W452980		0.63	24.8	2.48	6.50	0.05	0.44	<0.01	0.017	0.39	9.1	19.6	1.68	915	1.57	0.03
W452981		0.65	56.8	2.91	6.92	<0.05	0.49	<0.01	0.009	0.44	11.1	17.7	2.04	1190	0.18	0.02
W452982		0.56	68.8	2.62	5.65	<0.05	0.43	<0.01	0.006	0.37	9.6	15.8	1.80	1150	0.07	0.02
W452983		0.39	6.7	3.15	8.74	<0.05	0.40	<0.01	0.013	0.21	11.7	15.9	2.47	1220	0.16	0.02
W452984		0.40	76.3	3.36	7.46	<0.05	0.32	<0.01	0.010	0.22	9.2	13.5	1.99	1050	0.47	0.02
W452985		2.03	153.5	4.19	6.85	0.05	0.26	<0.01	0.015	0.21	3.3	19.3	1.55	433	0.17	0.33
W452986		0.45	98.1	2.90	6.20	<0.05	0.29	<0.01	0.013	0.26	7.5	11.2	1.84	901	0.13	0.01
W452987		1.04	274	3.60	7.90	0.05	0.35	0.01	0.025	0.92	4.9	23.0	2.15	909	0.13	0.04
W452988		0.90	395	3.24	7.57	0.06	0.32	0.05	0.030	0.91	4.1	14.8	2.03	842	0.48	0.05
W452989		0.52	254	2.62	5.17	<0.05	0.32	0.01	0.006	0.47	7.1	10.0	1.50	859	0.12	0.02
W452990		0.66	93.1	2.36	5.59	<0.05	0.45	<0.01	0.005	0.72	9.4	11.6	1.49	789	0.19	0.05
W452991		0.65	111.0	2.54	5.70	<0.05	0.47	0.04	0.017	0.82	8.9	10.7	1.53	767	0.26	0.05
W452992		2.03	176.0	3.16	6.32	0.05	0.47	<0.01	0.017	1.50	11.0	8.0	1.82	689	0.63	0.05
W452993		1.46	281	2.92	4.89	0.05	0.45	<0.01	0.007	0.99	9.2	8.4	1.39	596	0.45	0.05
W452994		2.09	369	3.39	6.29	0.05	0.26	<0.01	0.006	1.19	5.2	12.9	1.85	775	0.32	0.04
W452995		2.25	158.5	3.22	6.63	<0.05	0.23	<0.01	<0.005	1.10	6.3	15.3	1.76	733	0.20	0.03
W452996		2.05	493	3.91	6.54	0.06	0.26	<0.01	0.007	0.95	8.6	15.8	1.78	790	0.16	0.02
W452997		3.02	829	4.16	5.61	0.05	0.28	<0.01	0.017	1.54	6.5	16.0	2.10	856	0.17	0.02
W452998		1.24	184.5	3.32	5.71	<0.05	0.23	<0.01	0.005	0.55	9.5	15.5	1.83	919	0.13	0.01
W452999		2.07	352	3.76	6.52	0.05	0.26	0.01	0.027	0.99	7.0	15.8	1.77	798	0.75	0.02
W453000		2.23	308	3.31	5.75	0.05	0.32	<0.01	<0.005	1.18	9.5	13.2	1.51	655	0.35	0.03

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W452961		0.05	52.3	550	87.7	43.0	0.001	1.01	<0.05	5.9	1.1	0.5	5.8	<0.01	0.09	1.0
W452962		<0.05	44.9	590	66.9	28.3	<0.001	0.59	<0.05	3.9	0.8	0.4	3.9	<0.01	0.07	1.1
W452963		<0.05	37.0	590	42.5	42.6	<0.001	0.29	<0.05	4.6	0.7	0.4	4.9	<0.01	0.13	1.0
W452964		0.06	33.6	480	89.4	39.5	<0.001	0.69	<0.05	4.7	1.9	0.4	6.6	<0.01	0.19	1.0
W452965		<0.05	43.8	510	57.0	39.1	<0.001	0.69	<0.05	3.6	1.9	0.3	5.1	<0.01	0.21	0.8
W452966		0.17	124.0	360	14.1	9.4	0.003	0.12	1.66	3.2	0.5	1.3	90.0	<0.01	0.05	3.2
W452967		0.07	25.4	370	159.0	37.9	0.002	1.26	<0.05	4.9	10.8	0.6	5.4	<0.01	0.43	1.2
W452968		<0.05	25.5	480	32.9	24.5	0.001	0.60	<0.05	2.4	2.4	0.2	3.0	<0.01	0.13	1.6
W452969		<0.05	25.0	480	26.9	35.1	0.003	0.37	<0.05	2.6	1.5	0.2	2.9	<0.01	0.08	1.6
W452970		0.07	24.6	520	55.4	58.7	0.002	0.11	<0.05	5.7	0.8	0.7	6.7	<0.01	0.03	1.6
W452971		<0.05	23.0	480	28.3	35.6	0.001	0.25	<0.05	3.5	1.7	0.4	5.4	<0.01	0.07	1.8
W452972		<0.05	23.6	510	25.1	36.4	0.001	0.24	<0.05	3.3	1.8	0.3	7.9	<0.01	0.06	1.9
W452973		0.07	22.0	490	36.3	48.5	0.001	0.28	<0.05	4.4	2.4	0.5	10.4	<0.01	0.07	1.9
W452974		0.06	27.8	540	62.0	49.0	0.002	0.20	<0.05	3.9	2.7	0.5	4.5	<0.01	0.01	2.0
W452975		0.06	23.9	420	57.9	27.6	0.002	0.95	<0.05	2.7	14.1	0.3	3.0	<0.01	0.04	1.3
W452976		<0.05	20.1	440	58.7	21.1	<0.001	0.23	<0.05	2.5	2.7	0.3	3.0	<0.01	0.02	1.9
W452977		<0.05	20.8	420	38.3	11.1	0.001	0.19	<0.05	1.6	1.4	0.2	1.9	<0.01	0.01	2.0
W452978		<0.05	20.1	250	86.9	11.4	0.007	1.19	<0.05	1.5	5.9	0.2	1.6	<0.01	0.07	1.8
W452979		<0.05	17.0	400	131.5	15.1	0.006	1.06	0.05	1.6	4.8	<0.2	2.8	<0.01	0.06	1.5
W452980		<0.05	14.1	470	96.8	13.3	0.002	0.24	<0.05	2.1	2.1	0.2	4.3	<0.01	0.01	2.3
W452981		<0.05	20.1	470	90.0	16.7	0.001	0.30	<0.05	2.0	1.9	0.2	3.8	<0.01	0.02	2.5
W452982		<0.05	18.0	530	49.2	13.2	0.001	0.38	<0.05	1.2	2.5	<0.2	1.9	<0.01	0.03	2.9
W452983		0.07	20.8	320	218	7.0	<0.001	0.07	<0.05	3.3	1.0	0.3	2.6	<0.01	0.05	2.6
W452984		0.06	22.1	460	157.0	7.6	0.001	0.45	<0.05	2.2	2.8	0.2	1.9	<0.01	0.05	2.3
W452985		0.13	85.7	330	0.9	11.0	0.001	0.03	<0.05	2.3	0.2	0.4	46.0	<0.01	<0.01	0.5
W452986		<0.05	21.2	400	100.5	9.0	<0.001	0.44	<0.05	1.5	1.9	0.2	1.6	<0.01	0.03	1.8
W452987		<0.05	19.8	430	465	32.2	0.001	0.72	0.26	3.7	3.7	0.4	4.8	<0.01	0.03	1.4
W452988		0.05	15.3	310	2290	31.3	0.001	0.89	1.76	3.3	14.7	0.4	4.7	<0.01	0.20	1.3
W452989		<0.05	17.9	400	72.2	19.3	0.001	0.58	0.08	1.5	3.0	<0.2	2.6	<0.01	0.05	1.6
W452990		<0.05	16.2	420	42.3	29.9	0.001	0.28	<0.05	2.1	0.9	0.2	4.8	<0.01	0.02	2.0
W452991		<0.05	18.8	410	24.7	33.8	0.001	0.48	<0.05	2.2	2.1	0.2	4.9	<0.01	0.02	1.7
W452992		0.06	20.3	460	24.3	53.9	0.002	0.35	<0.05	3.3	1.9	0.5	4.2	<0.01	0.09	2.1
W452993		0.05	20.3	430	17.0	36.0	0.001	0.55	<0.05	2.7	2.2	0.3	3.5	<0.01	0.17	1.7
W452994		0.05	25.8	560	18.8	45.3	<0.001	0.56	<0.05	3.0	3.0	0.4	2.4	<0.01	0.13	1.2
W452995		0.07	25.4	450	16.3	43.5	<0.001	0.35	<0.05	2.3	1.5	0.3	1.8	<0.01	0.08	1.3
W452996		0.05	37.8	420	16.3	37.9	<0.001	0.95	<0.05	2.5	5.4	0.3	1.9	<0.01	0.16	1.4
W452997		0.05	37.0	730	16.4	59.4	<0.001	0.76	<0.05	4.0	5.3	0.4	1.2	<0.01	0.14	1.1
W452998		0.06	30.1	670	17.7	21.9	<0.001	0.34	<0.05	1.8	1.7	0.2	1.8	<0.01	0.06	1.7
W452999		0.06	39.3	670	19.3	42.7	0.001	0.93	<0.05	3.1	5.4	0.3	1.8	<0.01	0.22	1.2
W453000		<0.05	39.1	690	16.2	50.2	<0.001	0.68	<0.05	2.7	4.4	0.2	2.0	<0.01	0.17	1.2

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-05

CERTIFICATE OF ANALYSIS TB18054142

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Ag-OG46	Cu-OG46	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.001	0.001
W452961		0.148	0.29	0.10	46	0.07	2.66	473	10.6			
W452962		0.144	0.21	0.10	39	0.08	2.89	700	10.2			
W452963		0.146	0.29	0.08	42	0.07	2.34	253	8.3			
W452964		0.130	0.28	0.08	40	0.08	2.21	343	8.5			
W452965		0.114	0.28	0.08	37	0.06	2.01	311	8.4			
W452966		0.115	0.07	0.99	69	1.20	7.47	56	3.5			
W452967		0.135	0.25	0.14	36	0.08	2.55	5340	12.5			
W452968		0.075	0.18	0.18	27	0.07	2.41	346	14.6			
W452969		0.097	0.25	0.19	27	0.06	2.25	344	15.6			
W452970		0.178	0.37	0.22	45	0.08	2.91	515	17.2			
W452971		0.141	0.24	0.21	34	0.10	2.54	427	18.6			
W452972		0.131	0.25	0.21	31	0.10	2.61	298	17.3			
W452973		0.175	0.32	0.20	39	0.08	2.64	352	17.0			
W452974		0.151	0.33	0.24	36	0.10	3.24	1130	20.5			
W452975		0.103	0.23	0.18	26	0.05	2.37	>10000	17.9			1.040
W452976		0.082	0.16	0.20	25	0.05	2.78	1440	15.1			
W452977		0.067	0.09	0.20	20	0.09	2.93	535	12.5			
W452978		0.058	0.30	0.17	17	0.11	1.91	772	12.8			
W452979		0.042	0.27	0.17	18	0.07	2.26	891	13.6			
W452980		0.096	0.13	0.27	22	0.11	3.32	1320	19.3			
W452981		0.084	0.16	0.27	24	0.09	3.52	393	21.9			
W452982		0.039	0.11	0.30	16	0.15	4.05	334	18.8			
W452983		0.131	0.06	0.28	33	0.09	3.10	625	18.4			
W452984		0.078	0.06	0.24	25	0.12	3.49	438	14.8			
W452985		0.285	0.18	0.12	150	<0.05	9.55	45	9.7			
W452986		0.052	0.08	0.18	21	0.07	2.87	666	12.6			
W452987		0.102	0.23	0.18	32	0.06	2.14	710	15.2			
W452988		0.089	0.22	0.15	26	0.07	1.82	3870	13.8			
W452989		0.050	0.16	0.20	17	0.06	2.52	800	14.0			
W452990		0.102	0.22	0.24	21	0.08	2.80	484	19.3			
W452991		0.103	0.24	0.25	23	0.06	2.62	2800	21.2			
W452992		0.158	0.33	0.27	31	0.11	2.73	932	21.5			
W452993		0.123	0.22	0.23	25	0.13	2.54	551	19.7			
W452994		0.123	0.31	0.15	27	0.08	2.44	381	10.3			
W452995		0.143	0.28	0.14	24	0.11	2.10	276	9.2			
W452996		0.127	0.25	0.17	28	0.12	2.30	597	10.4			
W452997		0.166	0.40	0.15	34	0.05	2.80	703	11.1			
W452998		0.109	0.15	0.17	22	0.10	3.21	659	8.8			
W452999		0.134	0.29	0.15	28	0.11	3.07	2610	10.0			
W453000		0.123	0.33	0.18	29	0.09	3.20	370	12.6			

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-05

CERTIFICATE OF ANALYSIS TB18054142

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W455101		2.52		0.75	1.37	0.2	<0.02	<10	50	0.20	0.50	0.19	0.24	24.2	15.2	16
W455102		2.44		0.25	0.59	0.2	<0.02	<10	40	0.05	0.26	0.17	0.08	18.60	4.2	7
W455103		1.35		2.91	1.21	0.3	<0.02	<10	50	0.18	2.27	0.18	3.70	14.55	17.0	15
W455104		2.12		3.20	1.62	0.1	<0.02	<10	70	0.24	0.82	0.16	6.50	13.40	8.6	15
W455105		1.16		0.26	0.86	0.2	<0.02	<10	50	<0.05	0.13	0.18	0.15	16.45	3.5	11
W455106		0.04	0.574	0.55	2.57	171.5	0.29	<10	130	0.23	0.12	1.71	0.25	17.30	14.7	101
W455107		2.79		0.70	1.91	0.3	<0.02	<10	30	0.18	0.40	0.29	0.39	17.55	9.9	21
W455108		1.86		0.81	2.00	0.2	<0.02	<10	50	0.20	0.74	0.32	0.59	17.15	15.9	26
W455109		2.42		0.82	2.14	0.1	<0.02	<10	80	0.23	2.52	0.27	1.59	16.90	9.3	26
W455110		1.84		1.22	2.48	0.2	<0.02	<10	80	0.34	2.54	0.27	1.70	14.65	11.7	27
W455111		1.54		1.82	2.62	0.2	<0.02	<10	110	0.15	0.74	0.29	4.28	15.60	10.2	28
W455112		1.74		1.48	2.60	0.4	<0.02	<10	70	0.31	0.49	0.39	1.68	14.25	11.8	28
W455113		2.25		1.05	2.12	0.3	<0.02	<10	40	0.19	0.31	0.37	0.53	15.05	8.1	26
W455114		2.51		1.99	0.95	1.0	<0.02	<10	30	0.26	1.25	0.23	0.49	16.35	19.0	10
W455115		2.17		1.41	1.08	1.1	<0.02	<10	30	0.18	1.11	0.26	0.40	15.50	11.6	10
W455116		2.25		1.19	1.00	0.6	<0.02	<10	30	0.13	0.70	0.20	0.47	16.25	10.6	11
W455117		2.38		0.97	1.29	0.2	<0.02	<10	40	0.18	0.57	0.32	0.49	16.90	11.4	12
W455118		2.20		1.35	1.98	0.4	<0.02	<10	30	0.23	1.09	0.44	0.91	16.45	16.9	19
W455119		1.72		0.80	2.16	0.2	<0.02	<10	50	0.23	0.66	0.27	1.12	16.50	8.1	17
W455120		2.65		1.82	1.99	0.6	<0.02	<10	30	0.28	1.69	0.28	0.86	15.15	20.9	17
W455121		1.63		3.01	2.01	0.2	<0.02	<10	40	0.20	1.47	0.35	3.11	13.90	12.1	18
W455122		0.89		5.36	0.99	0.4	0.03	<10	10	0.15	1.38	2.80	13.75	10.75	5.2	3
W455123		2.34		1.64	1.68	0.5	<0.02	<10	30	0.18	1.14	0.40	2.35	17.25	9.5	22
W455124		2.20		0.53	2.13	0.3	<0.02	<10	50	0.21	0.52	0.67	1.31	18.60	7.8	29
W455125		2.31		1.03	2.24	1.2	<0.02	<10	50	0.40	1.14	0.85	0.39	19.00	11.7	34
W455126		0.11		0.04	2.44	0.4	<0.02	10	120	0.07	0.02	1.50	0.06	7.84	25.6	11
W455127		2.31		1.01	2.06	1.8	<0.02	<10	50	0.63	1.56	0.54	0.30	17.60	14.6	31
W455128		2.41		0.80	1.86	0.8	<0.02	<10	20	0.23	1.13	0.56	0.45	20.7	14.3	29
W455129		2.21		1.06	1.62	0.9	<0.02	<10	30	0.19	0.67	0.40	0.67	20.5	15.5	25
W455130		0.63		0.49	1.29	0.1	<0.02	<10	20	0.10	0.22	0.70	0.53	11.25	6.1	16
W455131		1.51		1.17	1.81	0.3	<0.02	<10	50	0.31	0.56	0.36	2.98	15.60	11.6	19
W455132		2.30		1.29	2.18	0.4	<0.02	<10	70	0.25	0.57	0.33	2.67	15.40	8.8	25
W455133		2.26		0.64	2.43	0.2	<0.02	<10	60	0.23	0.40	0.40	1.19	16.80	9.2	29
W455134		1.98		0.84	2.64	0.4	<0.02	<10	90	0.20	0.91	0.39	3.72	17.55	11.6	30
W455135		3.00		0.77	2.02	1.1	<0.02	<10	50	0.24	1.04	0.52	1.81	19.00	14.8	24
W455136		0.80		1.32	1.83	3.8	<0.02	<10	40	<0.05	1.45	0.52	14.15	15.00	25.4	25
W455137		0.79		0.48	1.79	1.2	<0.02	<10	40	0.36	0.52	0.37	0.73	15.45	9.8	20
W455138		0.86		1.04	1.71	3.7	<0.02	<10	30	0.08	1.17	0.39	1.29	13.95	24.6	23

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455101		1.11	152.5	1.91	3.82	0.05	0.36	<0.01	<0.005	0.66	11.5	9.4	0.89	368	0.90	0.02
W455102		0.27	46.6	0.69	1.51	<0.05	0.23	<0.01	<0.005	0.26	9.3	2.8	0.31	171	0.86	0.02
W455103		1.25	560	2.66	3.51	<0.05	0.29	0.01	0.006	0.72	7.0	8.9	0.95	405	0.69	0.02
W455104		1.48	304	2.24	4.60	<0.05	0.22	<0.01	0.007	0.93	6.1	11.4	1.18	552	0.38	0.03
W455105		0.46	40.4	1.02	2.90	<0.05	0.20	<0.01	<0.005	0.36	8.0	7.3	0.46	221	0.22	0.02
W455106		0.75	282	2.84	5.91	0.07	0.14	0.04	0.016	0.21	8.5	9.9	1.37	435	6.48	0.28
W455107		0.64	91.3	3.12	5.85	<0.05	0.20	<0.01	<0.005	0.26	8.6	17.4	1.55	765	0.17	0.02
W455108		1.16	136.0	3.11	6.72	<0.05	0.22	<0.01	0.005	0.51	8.1	20.1	1.53	672	0.33	0.03
W455109		1.81	84.9	2.83	5.61	<0.05	0.27	<0.01	0.009	0.96	7.7	20.1	1.65	717	0.36	0.04
W455110		2.26	177.5	3.56	6.97	0.05	0.21	<0.01	0.009	0.97	6.4	24.5	1.90	878	0.32	0.04
W455111		2.73	220	3.54	7.41	0.06	0.24	<0.01	0.017	1.21	6.9	23.8	2.03	821	3.86	0.05
W455112		2.15	216	3.76	8.18	0.05	0.24	<0.01	0.008	0.76	6.4	24.9	2.03	817	0.49	0.03
W455113		1.54	68.8	3.14	6.70	<0.05	0.24	<0.01	0.006	0.46	6.6	23.0	1.71	682	0.22	0.04
W455114		0.48	87.3	2.81	2.39	<0.05	0.26	<0.01	<0.005	0.24	7.5	10.2	0.49	256	0.52	0.02
W455115		0.41	47.6	2.58	2.86	<0.05	0.34	<0.01	<0.005	0.21	7.7	9.4	0.65	325	2.17	0.03
W455116		0.43	56.8	2.03	2.61	<0.05	0.27	<0.01	<0.005	0.21	7.7	10.1	0.56	264	3.63	0.03
W455117		0.92	95.1	2.09	3.79	<0.05	0.40	<0.01	<0.005	0.40	8.5	12.3	0.87	355	2.41	0.03
W455118		0.78	254	3.10	6.39	<0.05	0.33	<0.01	0.010	0.25	8.5	20.8	1.60	706	1.31	0.03
W455119		1.85	182.0	3.13	6.13	<0.05	0.36	<0.01	0.009	0.56	8.5	22.3	1.72	773	0.32	0.02
W455120		1.04	130.5	3.63	6.01	<0.05	0.33	<0.01	0.011	0.34	7.4	24.4	1.55	909	0.48	0.04
W455121		1.69	518	3.23	6.15	<0.05	0.28	0.01	0.015	0.50	6.7	23.5	1.68	822	2.67	0.04
W455122		0.05	1490	1.44	3.29	0.10	0.06	0.08	0.036	0.01	5.7	4.7	0.85	271	11.30	0.02
W455123		0.68	359	2.93	5.50	<0.05	0.21	<0.01	0.012	0.23	8.3	16.0	1.27	672	1.32	0.03
W455124		1.41	81.1	3.01	6.73	<0.05	0.22	<0.01	0.009	0.43	9.0	20.8	1.64	690	0.42	0.05
W455125		1.32	43.0	3.26	7.94	0.06	0.24	<0.01	0.007	0.43	9.1	19.5	1.47	670	0.69	0.12
W455126		2.11	151.0	4.35	6.64	0.05	0.24	<0.01	0.016	0.23	3.2	18.4	1.53	454	0.28	0.32
W455127		1.09	39.4	3.76	7.35	<0.05	0.25	0.02	0.006	0.42	8.4	22.2	1.36	775	0.43	0.11
W455128		0.40	69.3	3.30	7.14	<0.05	0.18	<0.01	<0.005	0.13	10.2	19.8	1.53	750	0.55	0.03
W455129		0.51	219	3.08	6.00	<0.05	0.19	<0.01	0.006	0.18	9.9	13.7	1.21	737	0.88	0.03
W455130		0.53	87.9	2.02	4.73	<0.05	0.11	0.01	0.014	0.14	5.2	13.1	1.04	470	0.71	0.02
W455131		1.81	216	2.78	5.45	0.05	0.23	<0.01	0.017	0.49	7.2	21.1	1.32	621	0.84	0.03
W455132		2.91	129.5	3.40	6.23	0.05	0.24	0.01	0.022	0.74	7.1	20.9	1.68	726	0.71	0.04
W455133		2.96	91.6	3.57	7.99	0.06	0.18	<0.01	0.014	0.69	7.7	24.4	2.01	819	0.43	0.03
W455134		4.09	124.5	3.59	8.03	0.06	0.21	<0.01	0.015	1.06	8.1	21.3	2.07	902	0.63	0.07
W455135		2.16	89.5	2.66	6.28	0.06	0.19	<0.01	0.008	0.54	8.8	15.6	1.40	707	1.16	0.09
W455136		2.21	39.3	3.31	6.46	0.06	0.23	<0.01	0.012	0.47	6.9	15.3	1.42	606	2.25	0.07
W455137		1.59	47.8	2.36	5.19	<0.05	0.22	<0.01	0.006	0.36	7.2	19.7	1.28	730	0.67	0.06
W455138		0.78	40.4	4.55	5.81	0.06	0.21	<0.01	0.007	0.19	6.4	14.5	1.36	696	1.58	0.07

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-05

CERTIFICATE OF ANALYSIS TB18054142

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455101		<0.05	42.5	740	9.8	26.6	<0.001	0.31	<0.05	1.6	1.6	<0.2	2.4	<0.01	0.08	1.6
W455102		<0.05	26.9	600	6.7	7.5	<0.001	0.10	<0.05	0.6	0.4	<0.2	1.7	<0.01	0.02	1.8
W455103		<0.05	41.4	390	9.0	32.1	<0.001	1.02	<0.05	1.5	4.4	0.2	1.4	<0.01	0.18	1.1
W455104		<0.05	37.3	540	10.2	39.4	<0.001	0.35	<0.05	1.7	1.6	0.2	1.9	<0.01	0.07	1.2
W455105		<0.05	19.4	690	11.2	12.1	<0.001	0.07	<0.05	0.8	0.2	<0.2	2.7	<0.01	0.01	2.7
W455106		0.17	115.0	340	13.9	9.2	0.002	0.11	1.77	3.0	0.4	1.3	80.6	<0.01	0.03	3.6
W455107		0.08	33.6	590	17.3	9.4	<0.001	0.42	<0.05	1.8	2.4	0.2	2.8	<0.01	0.11	1.8
W455108		0.05	39.6	750	17.1	19.1	<0.001	0.39	<0.05	2.7	2.7	0.3	4.1	<0.01	0.11	1.6
W455109		<0.05	32.9	720	11.8	35.2	<0.001	0.18	<0.05	3.0	2.1	0.3	3.8	<0.01	0.07	1.5
W455110		0.07	38.1	650	16.1	35.6	<0.001	0.45	<0.05	3.5	5.2	0.3	5.4	<0.01	0.20	1.4
W455111		0.07	33.9	610	17.7	45.1	0.002	0.35	<0.05	4.3	3.4	0.6	4.4	<0.01	0.12	1.5
W455112		0.07	39.2	670	24.3	30.4	0.001	0.50	<0.05	3.5	3.6	0.4	6.0	<0.01	0.19	1.5
W455113		0.08	36.8	650	16.9	20.1	<0.001	0.44	<0.05	2.9	1.1	0.3	4.4	<0.01	0.16	1.6
W455114		<0.05	29.6	650	15.3	7.4	<0.001	1.50	<0.05	0.9	2.0	<0.2	3.2	<0.01	0.49	1.4
W455115		<0.05	28.1	470	27.6	6.2	0.001	1.18	<0.05	1.0	1.7	<0.2	3.6	<0.01	0.34	2.0
W455116		<0.05	21.5	520	36.2	5.6	0.004	0.83	<0.05	1.0	1.4	<0.2	3.4	<0.01	0.31	1.8
W455117		0.05	20.2	450	21.4	15.6	0.002	0.61	<0.05	1.7	1.2	0.2	4.0	<0.01	0.21	1.8
W455118		0.07	26.8	450	38.0	9.0	0.001	0.53	<0.05	2.7	2.2	0.3	4.2	<0.01	0.18	2.2
W455119		0.06	21.9	430	24.1	21.8	0.002	0.39	<0.05	2.3	1.3	0.4	3.3	<0.01	0.16	2.1
W455120		<0.05	30.2	470	29.3	13.0	0.001	1.09	<0.05	1.9	2.5	0.2	4.5	<0.01	0.34	2.0
W455121		0.07	28.2	450	22.0	20.3	0.002	0.88	<0.05	2.5	2.2	0.3	5.8	<0.01	0.30	2.0
W455122		0.07	8.1	270	19.1	0.3	0.004	0.93	<0.05	0.4	2.1	0.5	15.0	<0.01	0.15	0.7
W455123		0.07	33.9	670	21.2	8.1	<0.001	0.79	<0.05	2.1	2.0	0.2	3.7	<0.01	0.22	1.7
W455124		0.07	32.6	730	41.4	16.1	<0.001	0.62	<0.05	3.3	1.2	0.3	8.6	<0.01	0.13	1.5
W455125		<0.05	36.7	740	33.0	15.9	<0.001	1.37	<0.05	4.5	1.9	0.2	14.4	<0.01	0.19	1.4
W455126		0.12	82.6	320	0.6	11.7	0.001	0.02	<0.05	2.5	0.3	0.4	46.2	<0.01	<0.01	0.6
W455127		<0.05	39.9	720	24.5	16.2	<0.001	2.03	<0.05	3.6	2.3	0.2	14.6	<0.01	0.20	1.3
W455128		0.09	43.2	640	59.6	4.8	<0.001	1.18	<0.05	3.0	1.5	0.2	3.4	<0.01	0.18	1.7
W455129		0.10	44.6	680	36.5	6.2	<0.001	0.88	<0.05	2.6	2.2	0.2	4.1	<0.01	0.20	1.8
W455130		0.12	20.3	570	22.8	5.1	<0.001	0.32	<0.05	2.6	2.0	0.3	3.5	<0.01	0.10	0.8
W455131		0.09	29.6	780	78.8	18.2	0.002	0.56	0.06	2.1	3.6	0.4	3.9	<0.01	0.18	1.5
W455132		0.12	36.4	750	71.8	27.3	0.003	0.65	0.06	3.5	3.5	0.3	4.2	<0.01	0.18	1.5
W455133		0.12	39.0	680	28.2	25.7	<0.001	0.51	<0.05	3.5	2.7	0.3	5.2	<0.01	0.17	1.5
W455134		0.12	40.1	750	22.4	39.9	0.001	0.64	0.05	4.3	5.8	0.3	6.2	<0.01	0.20	1.4
W455135		0.09	38.8	800	21.5	20.3	<0.001	0.76	<0.05	2.3	5.2	0.2	9.3	<0.01	0.24	1.5
W455136		0.10	53.0	870	53.4	18.9	0.007	1.68	0.07	2.3	7.5	0.2	6.2	<0.01	0.21	1.3
W455137		0.08	43.4	660	16.3	15.7	<0.001	0.88	<0.05	1.8	4.6	<0.2	9.5	<0.01	0.18	1.4
W455138		0.12	60.9	490	31.2	7.3	0.002	3.22	<0.05	2.2	9.7	<0.2	6.5	<0.01	0.18	1.4

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-05

CERTIFICATE OF ANALYSIS TB18054142

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Ag-OG46	Cu-OG46	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.001	0.001
W455101		0.074	0.20	0.22	18	0.09	3.76	212	14.1			
W455102		0.016	0.06	0.14	5	0.08	2.54	54	9.4			
W455103		0.084	0.35	0.12	15	0.16	1.80	448	11.2			
W455104		0.092	0.27	0.12	18	0.11	2.14	657	8.5			
W455105		0.040	0.08	0.13	7	0.18	2.56	75	8.5			
W455106		0.101	0.08	1.12	64	1.25	7.36	52	2.9			
W455107		0.117	0.07	0.16	21	0.10	3.53	369	8.1			
W455108		0.139	0.16	0.17	27	0.11	3.92	401	9.2			
W455109		0.152	0.25	0.21	29	0.09	3.25	351	9.7			
W455110		0.161	0.26	0.16	32	0.10	3.17	502	8.5			
W455111		0.186	0.33	0.16	37	0.10	3.09	604	9.6			
W455112		0.160	0.26	0.15	32	0.14	3.09	467	10.2			
W455113		0.141	0.16	0.15	28	0.12	3.66	293	9.0			
W455114		0.025	0.06	0.17	8	0.11	2.75	164	11.0			
W455115		0.045	0.06	0.25	11	0.13	2.58	155	14.6			
W455116		0.034	0.13	0.21	11	0.12	2.65	157	10.9			
W455117		0.068	0.13	0.24	18	0.11	2.55	238	15.9			
W455118		0.117	0.09	0.26	29	0.17	3.34	671	13.3			
W455119		0.127	0.18	0.24	25	0.12	2.67	508	13.6			
W455120		0.085	0.13	0.22	23	0.15	3.12	511	13.2			
W455121		0.114	0.16	0.22	25	189.5	2.63	500	10.7			
W455122		0.015	0.05	0.25	9	650	1.60	2500	1.7			
W455123		0.088	0.08	0.15	20	4.14	3.53	1100	8.5			
W455124		0.139	0.13	0.15	32	3.66	3.58	462	8.7			
W455125		0.105	0.13	0.15	36	0.46	3.83	154	9.5			
W455126		0.287	0.18	0.13	153	0.48	10.15	44	8.7			
W455127		0.077	0.14	0.15	31	0.27	3.24	129	10.1			
W455128		0.094	0.04	0.14	29	0.28	4.52	221	7.0			
W455129		0.077	0.06	0.15	25	0.37	4.13	712	7.8			
W455130		0.070	0.05	0.09	21	0.15	2.80	791	4.7			
W455131		0.096	0.25	0.14	22	0.18	3.51	1600	10.0			
W455132		0.135	0.38	0.15	30	0.14	3.31	1100	10.5			
W455133		0.141	0.21	0.14	34	0.16	3.06	626	7.8			
W455134		0.159	0.32	0.15	37	0.09	3.22	854	8.8			
W455135		0.095	0.24	0.14	24	0.16	3.80	662	8.8			
W455136		0.108	0.34	0.13	24	0.14	3.45	2040	10.0			
W455137		0.071	0.22	0.13	18	0.12	3.25	621	9.5			
W455138		0.085	0.10	0.13	22	0.14	2.74	1160	9.6			

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 29-MAR-2018
Account: WHITIG

Project: MAR18-05

CERTIFICATE OF ANALYSIS TB18054142

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
Ag-OG46	Au-ICP21	Cu-OG46	ME-MS41
ME-OG46	Zn-OG46		

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

CERTIFICATE TB18058342

Project: MAR18-06

This report is for 97 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-MAR-2018.

The following have access to data associated with this certificate:

GEORGE MANNARD	ROBERT MIDDLETON	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

To: **COPPER LAKE RESOURCES LTD.**
ATTN: ROBERT MIDDLETON
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

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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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-06

CERTIFICATE OF ANALYSIS TB18058342

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W455139		1.75		1.59	4.65	1.5	<0.02	<10	60	0.26	0.03	1.88	0.13	23.4	11.2	31
W455140		1.08		3.28	4.75	1.3	<0.02	<10	50	0.21	0.05	1.92	0.13	21.0	9.6	31
W455141		2.29		13.00	1.49	4.2	0.05	<10	20	0.36	0.53	0.80	4.93	18.65	18.5	15
W455142		1.67		7.28	2.64	6.5	0.02	<10	30	0.26	0.60	1.32	8.17	16.30	8.0	22
W455143		2.50		1.80	2.89	2.0	<0.02	<10	30	0.44	0.01	1.17	0.36	23.5	8.0	21
W455144		1.51		2.48	3.04	1.8	<0.02	<10	30	0.29	0.02	1.13	1.50	24.5	7.7	27
W455145		2.26		1.14	4.04	1.3	<0.02	<10	60	0.28	0.02	1.47	0.16	24.4	7.7	27
W455146		0.04	0.508	0.61	3.01	171.0	0.42	<10	140	0.24	0.12	1.99	0.26	19.55	14.6	112
W455147		2.07		1.20	2.70	1.4	<0.02	<10	40	0.35	0.05	1.26	0.37	23.5	13.3	23
W455148		2.27		1.88	2.09	1.2	<0.02	<10	30	0.15	0.05	0.85	0.17	23.4	18.0	19
W455149		1.53		2.18	1.99	1.0	<0.02	<10	10	0.26	0.03	0.98	0.33	37.6	8.5	20
W455150		2.01		2.38	1.30	0.7	<0.02	<10	20	0.24	0.03	0.61	0.29	22.8	9.4	15
W455151		1.58		2.25	2.00	0.8	<0.02	<10	20	0.29	0.34	1.09	1.02	20.1	9.7	19
W455152		2.29		2.62	1.91	0.4	<0.02	<10	30	0.24	0.45	1.12	1.83	30.9	11.6	20
W455153		2.25		1.46	2.64	0.4	<0.02	<10	20	0.38	0.10	1.71	0.29	25.0	11.4	28
W455154		1.03		4.70	0.86	6.0	0.02	<10	10	0.13	2.26	0.65	6.59	23.2	8.4	16
W455155		2.14		0.74	3.79	0.3	<0.02	<10	40	0.21	0.04	1.58	0.12	22.6	8.9	27
W455156		2.22		0.37	4.53	0.1	<0.02	<10	60	0.52	0.04	1.61	0.12	23.1	10.3	32
W455157		2.52		0.30	3.53	0.1	<0.02	<10	40	0.37	0.07	1.36	0.10	29.2	8.9	29
W455158		2.38		0.71	3.43	0.2	<0.02	<10	30	0.33	0.08	1.56	0.24	25.8	11.9	31
W455159		2.24		0.32	2.78	0.3	<0.02	<10	20	0.33	0.10	1.44	3.02	24.5	11.7	30
W455160		2.26		0.61	2.41	0.4	<0.02	<10	30	0.23	0.23	1.74	5.41	26.7	8.9	21
W455161		2.22		0.69	4.71	0.3	<0.02	<10	40	0.37	0.06	2.28	0.17	23.0	14.7	31
W455162		1.58		0.55	3.69	0.4	<0.02	<10	40	0.42	0.05	1.58	0.13	28.3	13.5	25
W455163		1.84		0.30	4.68	0.3	<0.02	<10	50	0.50	0.04	1.99	0.14	25.7	12.9	34
W455164		1.18		0.70	4.28	0.6	<0.02	<10	50	0.26	0.08	1.91	0.18	22.3	15.8	30
W455165		2.61		0.26	4.05	0.2	<0.02	<10	50	0.38	0.05	1.75	0.19	23.7	10.6	29
W455166		0.12		0.05	3.38	0.3	<0.02	10	150	0.09	0.02	2.01	0.05	9.21	27.1	14
W455167		1.64		0.26	1.92	0.3	<0.02	<10	20	0.26	0.09	1.08	0.16	29.2	8.3	16
W455168		1.49		1.46	1.74	1.3	<0.02	<10	20	0.22	0.73	1.44	0.96	29.1	13.5	18
W455169		2.06		3.43	2.01	23.9	<0.02	<10	20	0.28	2.30	0.69	4.79	20.7	26.0	17
W455170		1.72		2.33	3.09	5.2	<0.02	<10	30	0.47	0.19	1.27	1.94	26.6	17.0	20
W455171		2.33		1.32	3.38	0.8	<0.02	<10	30	0.45	0.09	1.41	0.18	26.2	18.6	25
W455172		2.84		1.57	2.81	1.0	<0.02	<10	20	0.43	0.10	1.60	0.20	29.1	19.3	28
W455173		2.26		2.08	2.64	1.2	<0.02	<10	20	0.38	0.14	1.49	0.29	23.0	16.1	26
W455174		2.37		0.39	4.27	0.2	<0.02	<10	70	0.58	0.05	1.70	0.10	23.6	9.9	33
W455175		2.21		0.73	4.51	0.3	<0.02	<10	60	0.47	0.11	1.91	0.11	21.3	16.4	31
W455176		2.41		0.81	3.92	0.3	<0.02	<10	50	0.46	0.13	1.62	0.10	22.7	20.4	28
W455177		2.40		0.29	2.65	0.3	<0.02	<10	30	0.34	0.06	1.65	0.22	23.8	10.3	24
W455178		1.44		0.38	3.76	0.5	<0.02	<10	40	0.35	0.07	1.42	0.19	24.3	14.2	31

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-06

CERTIFICATE OF ANALYSIS TB18058342

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455139		2.37	43.7	3.45	10.05	0.08	0.32	<0.01	0.010	1.15	11.3	16.1	1.82	755	0.44	0.21
W455140		2.11	79.1	3.86	11.05	0.09	0.31	<0.01	0.011	0.99	9.9	14.4	1.84	793	0.39	0.21
W455141		0.35	208	4.34	3.35	0.07	0.38	0.02	0.019	0.25	8.9	5.7	0.55	290	1.12	0.04
W455142		0.99	292	3.05	5.86	0.07	0.28	0.02	0.039	0.45	7.6	8.5	1.01	476	0.38	0.11
W455143		1.19	85.0	2.52	6.61	0.06	0.37	<0.01	0.007	0.57	11.3	12.3	1.42	642	0.30	0.13
W455144		1.25	40.4	2.96	7.89	0.06	0.40	0.01	0.010	0.42	11.7	25.5	1.95	782	0.24	0.09
W455145		2.28	34.2	2.84	8.79	0.08	0.33	<0.01	0.009	1.15	11.7	15.6	1.76	733	0.29	0.20
W455146		0.75	298	3.04	6.18	0.08	0.13	0.04	0.019	0.21	9.4	8.9	1.49	484	6.80	0.34
W455147		1.37	70.5	2.53	6.48	0.06	0.32	<0.01	0.007	0.70	11.9	12.9	1.33	553	0.43	0.11
W455148		0.88	88.5	2.87	5.06	0.05	0.42	0.01	<0.005	0.52	10.9	8.5	0.96	448	0.51	0.09
W455149		0.41	37.0	2.29	5.73	0.06	0.30	<0.01	0.005	0.20	19.0	11.2	1.33	456	0.34	0.07
W455150		0.18	32.9	1.89	3.55	0.05	0.40	<0.01	<0.005	0.24	10.3	7.4	0.64	358	0.40	0.03
W455151		0.54	78.7	2.71	4.62	0.06	0.26	<0.01	0.005	0.28	9.9	6.1	0.81	323	0.77	0.11
W455152		0.62	89.1	2.53	4.78	0.06	0.30	0.01	0.007	0.36	15.6	6.5	0.74	376	0.64	0.07
W455153		0.70	41.2	2.35	7.05	0.05	0.28	<0.01	0.006	0.29	12.1	15.1	1.36	573	0.61	0.06
W455154		0.15	92.6	2.24	2.32	0.05	0.09	0.02	0.018	0.07	13.3	5.3	0.42	226	0.43	0.02
W455155		2.40	34.0	2.86	9.05	0.06	0.29	<0.01	0.009	0.92	11.0	15.4	1.83	687	0.54	0.14
W455156		3.49	22.0	3.24	10.20	0.08	0.26	<0.01	0.013	1.20	11.3	18.0	1.99	801	0.34	0.18
W455157		3.03	15.8	3.01	8.80	0.06	0.31	<0.01	0.010	0.81	14.1	17.2	1.94	787	1.22	0.13
W455158		1.12	28.7	2.97	9.38	0.07	0.31	<0.01	0.013	0.42	12.6	16.9	1.98	879	0.78	0.12
W455159		0.36	32.8	2.80	8.40	0.05	0.32	<0.01	0.010	0.19	12.1	17.0	2.03	921	0.88	0.04
W455160		0.41	66.2	1.88	6.25	0.05	0.26	0.01	0.020	0.27	13.4	10.4	1.03	487	0.60	0.07
W455161		1.18	25.8	2.98	11.20	0.06	0.29	<0.01	0.012	0.66	11.4	19.9	1.85	737	0.93	0.22
W455162		0.88	35.1	2.67	8.70	0.06	0.31	<0.01	0.010	0.55	13.6	16.3	1.33	591	0.67	0.22
W455163		1.17	23.3	3.17	11.85	0.08	0.25	<0.01	0.016	0.64	12.6	25.7	1.92	800	0.60	0.25
W455164		1.08	56.2	3.84	11.45	0.07	0.25	<0.01	0.017	0.66	10.9	27.2	2.30	821	0.65	0.16
W455165		1.18	23.7	3.08	10.65	0.07	0.25	<0.01	0.015	0.67	11.7	26.8	2.16	842	0.70	0.17
W455166		2.15	154.0	4.50	7.80	0.07	0.23	0.01	0.017	0.25	3.4	19.8	1.61	486	0.28	0.47
W455167		0.90	36.5	1.86	4.94	0.05	0.30	<0.01	0.006	0.23	14.1	18.1	1.17	499	0.47	0.06
W455168		0.42	104.5	2.24	4.40	0.07	0.20	<0.01	0.007	0.18	14.7	10.3	0.89	352	0.49	0.05
W455169		0.48	133.0	4.89	4.88	0.06	0.31	0.01	0.014	0.23	9.9	12.8	1.03	510	0.66	0.10
W455170		0.90	41.9	3.29	7.08	0.06	0.31	<0.01	0.038	0.31	12.7	21.4	1.29	525	0.58	0.23
W455171		1.02	34.4	3.13	8.01	0.07	0.26	<0.01	0.009	0.46	12.2	22.8	1.44	537	0.61	0.23
W455172		0.63	35.5	3.08	7.72	0.07	0.26	<0.01	0.011	0.26	13.7	22.1	1.57	529	0.65	0.11
W455173		0.87	36.4	3.04	8.02	<0.05	0.24	0.01	0.013	0.28	10.6	30.3	1.72	495	1.58	0.12
W455174		1.40	17.4	2.81	10.55	0.05	0.20	<0.01	0.018	0.85	11.3	23.2	1.71	538	0.51	0.34
W455175		1.47	34.0	3.31	10.70	0.05	0.19	<0.01	0.015	0.81	10.5	22.7	1.71	559	1.58	0.33
W455176		1.06	39.2	3.32	9.11	0.05	0.25	<0.01	0.014	0.61	11.6	21.4	1.52	572	0.60	0.28
W455177		0.54	20.8	2.05	6.24	<0.05	0.19	<0.01	0.010	0.32	12.0	14.8	1.25	463	0.48	0.11
W455178		0.81	60.9	3.24	9.42	0.05	0.26	<0.01	0.014	0.44	12.1	29.3	1.93	736	0.25	0.21

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TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-06

CERTIFICATE OF ANALYSIS TB18058342

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455139		<0.05	25.7	710	148.0	45.2	<0.001	0.73	0.05	4.0	0.6	0.4	31.1	<0.01	0.06	1.8
W455140		0.05	31.1	640	181.0	40.2	<0.001	1.06	0.06	5.1	0.5	0.4	31.8	<0.01	0.08	1.8
W455141		0.12	44.4	590	2470	7.4	<0.001	3.15	0.67	1.5	6.0	0.2	9.4	<0.01	0.83	1.7
W455142		<0.05	29.8	540	2340	19.3	<0.001	1.89	1.75	2.4	6.3	0.3	20.9	<0.01	0.29	1.5
W455143		<0.05	21.3	690	177.5	22.5	<0.001	0.66	0.22	2.3	0.8	0.3	17.5	<0.01	0.04	2.1
W455144		0.05	21.9	710	366	17.1	<0.001	0.64	0.15	3.3	0.7	0.3	13.1	<0.01	0.03	2.3
W455145		<0.05	22.1	710	168.5	46.5	<0.001	0.53	0.05	3.4	0.7	0.4	29.7	<0.01	0.03	1.9
W455146		0.19	122.5	350	14.3	9.3	0.004	0.11	1.80	3.4	0.3	1.5	94.6	<0.01	0.02	3.0
W455147		<0.05	28.3	670	148.0	27.9	<0.001	1.02	0.08	2.7	1.4	0.3	19.4	<0.01	0.07	1.8
W455148		<0.05	40.9	750	122.0	19.0	<0.001	1.17	<0.05	1.8	1.7	0.2	10.7	<0.01	0.08	2.0
W455149		0.06	24.1	550	132.5	6.6	<0.001	1.00	0.11	2.5	0.8	0.2	12.9	<0.01	0.05	2.0
W455150		0.07	23.8	680	150.0	4.6	<0.001	0.78	0.07	1.3	0.9	0.2	2.9	<0.01	0.06	2.5
W455151		0.05	28.6	480	265	9.7	<0.001	1.36	0.14	2.1	1.7	0.2	16.5	<0.01	0.12	1.6
W455152		0.06	28.1	520	554	12.1	<0.001	1.26	0.39	2.4	2.6	0.2	15.5	<0.01	0.26	1.9
W455153		0.06	26.5	640	197.5	10.3	<0.001	0.81	0.17	3.6	0.8	0.3	16.4	<0.01	0.07	2.1
W455154		0.09	17.1	220	1610	2.7	<0.001	1.57	0.68	1.2	4.6	<0.2	8.4	<0.01	0.52	0.8
W455155		0.06	24.3	710	115.5	34.1	<0.001	0.48	0.05	4.5	0.6	0.4	25.1	<0.01	0.04	2.1
W455156		0.07	28.5	650	79.5	43.9	<0.001	0.26	<0.05	4.7	0.2	0.4	31.3	<0.01	0.03	2.0
W455157		0.07	29.4	800	55.7	30.2	<0.001	0.20	<0.05	3.8	0.5	0.4	19.2	<0.01	0.02	2.3
W455158		0.07	30.0	640	94.8	15.3	<0.001	0.37	0.05	4.7	0.4	0.4	19.6	<0.01	0.06	2.4
W455159		0.07	30.1	650	85.3	6.2	<0.001	0.33	<0.05	4.1	0.4	0.5	9.4	<0.01	0.03	2.5
W455160		0.08	23.2	590	115.0	8.4	<0.001	0.56	<0.05	2.9	1.0	0.5	13.7	<0.01	0.07	2.0
W455161		0.05	32.5	670	82.3	23.8	<0.001	0.49	<0.05	5.3	0.3	0.5	39.1	<0.01	0.04	2.1
W455162		0.05	32.8	660	46.0	19.8	<0.001	0.51	<0.05	3.3	0.2	0.4	32.8	<0.01	0.03	2.3
W455163		0.14	33.4	680	60.0	22.2	<0.001	0.24	<0.05	5.3	0.2	0.5	40.3	<0.01	0.01	2.2
W455164		0.10	41.7	630	59.9	22.1	<0.001	0.57	<0.05	6.3	0.5	0.6	31.6	<0.01	0.05	1.9
W455165		0.08	30.3	570	74.3	22.1	<0.001	0.21	<0.05	5.5	0.2	0.6	29.5	<0.01	0.01	2.1
W455166		0.13	89.5	320	1.0	13.5	0.001	0.02	<0.05	3.1	0.4	0.4	61.2	<0.01	<0.01	0.6
W455167		0.08	24.3	690	45.0	6.0	<0.001	0.21	<0.05	1.7	0.3	0.3	12.2	<0.01	0.03	2.8
W455168		0.11	25.5	570	152.0	5.4	<0.001	1.15	0.06	2.1	1.6	0.2	17.8	<0.01	0.12	1.8
W455169		0.09	53.5	710	493	7.9	<0.001	3.65	0.20	2.2	4.1	0.2	15.6	<0.01	0.21	1.5
W455170		<0.05	42.2	920	196.0	10.4	<0.001	1.76	0.09	2.3	0.7	0.2	29.8	<0.01	0.09	2.0
W455171		0.05	43.2	1000	73.1	16.4	<0.001	1.04	0.05	3.3	0.6	0.3	30.2	<0.01	0.07	1.8
W455172		0.09	40.1	930	51.8	8.0	<0.001	0.99	0.05	3.8	0.6	0.4	18.3	<0.01	0.07	2.2
W455173		0.07	43.8	910	127.0	8.3	0.002	0.79	0.06	3.6	<0.2	0.4	19.8	<0.01	0.14	2.4
W455174		<0.05	27.8	990	36.6	25.5	<0.001	0.31	<0.05	5.0	<0.2	0.5	40.1	<0.01	0.07	1.9
W455175		<0.05	38.4	970	40.2	25.2	<0.001	0.68	<0.05	4.6	0.5	0.4	42.4	<0.01	0.15	1.7
W455176		0.05	41.0	860	30.5	19.3	<0.001	0.81	<0.05	3.7	0.2	0.4	35.0	<0.01	0.16	1.9
W455177		0.05	21.9	760	63.2	9.2	<0.001	0.43	<0.05	3.3	0.2	0.5	23.2	<0.01	0.06	1.9
W455178		0.07	38.0	750	49.7	14.5	<0.001	0.45	<0.05	4.6	0.3	0.6	33.5	<0.01	0.06	2.3

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	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
W455139		0.152	0.33	0.27	37	0.10	3.81	188	15.6
W455140		0.149	0.31	0.25	42	0.10	4.24	258	13.4
W455141		0.040	0.06	0.27	13	0.28	3.53	1550	17.6
W455142		0.063	0.15	0.22	21	0.14	2.86	2710	13.5
W455143		0.093	0.17	0.29	25	0.16	4.19	249	18.7
W455144		0.125	0.16	0.33	33	0.23	4.66	604	19.1
W455145		0.137	0.34	0.27	34	0.08	3.79	187	16.0
W455146		0.108	0.05	1.04	69	1.28	7.81	56	3.1
W455147		0.106	0.21	0.28	27	0.12	3.60	359	15.7
W455148		0.074	0.14	0.30	19	0.14	3.96	252	20.5
W455149		0.070	0.05	0.30	22	0.22	4.66	335	13.7
W455150		0.053	0.02	0.33	13	0.24	4.15	162	19.6
W455151		0.046	0.07	0.21	18	0.13	2.89	547	11.2
W455152		0.058	0.08	0.30	19	0.21	3.33	683	13.7
W455153		0.092	0.09	0.28	29	0.31	4.59	304	13.1
W455154		0.027	0.02	0.10	11	0.22	1.43	2060	3.8
W455155		0.127	0.23	0.28	36	0.20	3.94	192	14.1
W455156		0.153	0.29	0.27	41	0.09	3.53	142	12.9
W455157		0.154	0.23	0.33	38	0.19	4.63	167	14.1
W455158		0.128	0.11	0.30	41	0.18	4.54	188	14.6
W455159		0.132	0.03	0.30	42	0.33	5.33	968	14.8
W455160		0.078	0.05	0.28	24	0.30	3.68	1480	11.9
W455161		0.135	0.17	0.27	44	0.10	4.30	135	12.8
W455162		0.101	0.15	0.30	31	0.11	4.53	108	15.7
W455163		0.156	0.16	0.28	47	0.10	4.32	133	11.5
W455164		0.164	0.18	0.26	49	0.09	4.04	175	11.5
W455165		0.156	0.16	0.27	47	0.11	4.05	174	10.4
W455166		0.301	0.15	0.14	152	<0.05	9.82	46	9.1
W455167		0.072	0.03	0.32	19	0.21	4.61	128	13.4
W455168		0.056	0.04	0.25	18	0.27	3.77	776	8.7
W455169		0.045	0.09	0.20	18	0.15	3.86	1660	13.7
W455170		0.062	0.31	0.27	22	0.13	4.92	628	15.0
W455171		0.099	0.18	0.24	30	0.09	5.24	143	10.9
W455172		0.109	0.07	0.28	34	0.35	5.91	127	11.3
W455173		0.109	0.11	0.26	35	0.25	5.61	163	9.9
W455174		0.153	0.19	0.24	48	0.19	4.81	94	8.4
W455175		0.147	0.21	0.23	45	0.19	4.45	99	8.8
W455176		0.126	0.16	0.25	38	0.20	4.83	92	10.9
W455177		0.109	0.10	0.23	31	1.71	4.60	152	7.7
W455178		0.148	0.12	0.28	40	0.16	5.01	147	11.3

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-06

CERTIFICATE OF ANALYSIS TB18058342

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W455179		2.58		0.35	4.00	0.3	<0.02	<10	40	0.29	0.05	1.61	0.13	23.0	18.6	29
W455180		2.41		0.12	3.02	0.4	<0.02	<10	30	0.29	0.03	1.19	0.08	27.0	8.6	23
W455181		2.10		0.34	2.91	0.2	<0.02	<10	20	0.19	0.08	1.54	0.14	27.6	14.3	32
W455182		1.79		0.25	1.74	0.4	<0.02	<10	20	0.18	0.14	1.03	0.07	23.2	14.3	19
W455183		2.27		0.21	1.82	0.4	<0.02	<10	20	0.16	0.14	1.59	0.09	26.8	9.8	23
W455184		1.86		0.31	1.77	0.1	<0.02	<10	20	0.15	0.36	0.51	0.07	25.4	8.1	25
W455185		1.65		0.30	1.95	0.3	<0.02	<10	20	0.21	0.20	0.78	0.11	26.1	9.4	22
W455186		0.04	0.507	0.64	2.96	189.0	0.93	<10	140	0.22	0.11	1.88	0.25	18.35	15.2	109
W455187		2.78		0.17	1.75	0.1	<0.02	<10	20	0.20	0.15	1.17	0.09	32.4	7.1	20
W455188		0.96		1.98	1.51	1.5	<0.02	<10	10	0.23	0.41	0.58	0.21	24.6	34.7	14
W455189		1.47		0.22	1.95	0.5	<0.02	<10	20	0.28	0.09	2.46	0.15	33.0	6.3	29
W455190		2.07		0.80	3.09	1.2	<0.02	<10	20	0.35	0.12	2.23	0.22	49.6	17.0	44
W455191		2.64		0.21	1.55	0.4	<0.02	<10	20	0.23	0.17	1.79	0.27	31.8	4.4	15
W455192		2.40		0.58	0.92	0.3	<0.02	<10	20	0.14	0.65	1.54	0.16	20.1	1.8	7
W455193		2.90		7.31	2.49	0.9	<0.02	<10	20	0.29	10.75	1.45	6.78	30.1	10.7	13
W455194		2.46		2.93	2.42	1.8	<0.02	<10	30	0.32	2.87	1.01	3.32	28.8	13.7	9
W455195		2.29		0.42	2.34	3.3	<0.02	<10	20	0.28	0.23	1.31	0.07	32.1	7.9	9
W455196		2.17		0.29	1.31	7.7	<0.02	<10	30	0.13	0.33	1.35	0.07	25.3	8.2	8
W455197		2.21		0.38	2.35	5.3	<0.02	<10	30	0.30	0.27	1.96	0.08	29.5	8.9	9
W455198		2.28		0.45	2.92	2.4	<0.02	<10	30	0.38	0.20	1.41	0.08	29.0	14.2	10
W455199		2.61		0.79	1.56	17.8	<0.02	<10	20	0.20	0.44	0.82	0.08	28.2	16.4	7
W455200		2.34		0.66	1.40	6.2	<0.02	<10	20	0.10	0.37	2.86	0.09	22.6	15.6	8
W455201		1.99		0.37	1.93	<0.1	<0.02	<10	10	0.13	0.32	2.43	7.45	23.3	7.9	12
W455202		2.08		0.20	1.72	<0.1	<0.02	<10	30	0.17	0.26	3.54	0.31	34.3	8.7	11
W455203		1.82		0.37	1.83	0.5	<0.02	<10	30	0.17	0.30	1.81	0.63	26.7	8.8	12
W455204		1.37		0.66	3.00	0.7	<0.02	<10	20	0.71	0.63	2.44	0.56	24.8	8.5	13
W455205		1.81		0.39	1.97	0.2	<0.02	<10	10	0.16	0.68	0.52	0.09	28.9	8.9	18
W455206		0.10		0.05	3.63	0.5	<0.02	10	160	0.09	0.02	2.11	0.05	9.08	27.3	13
W455207		2.24		0.66	1.90	0.1	<0.02	<10	10	0.34	1.07	1.26	0.56	26.1	9.1	26
W455208		2.14		0.69	2.13	0.1	<0.02	<10	10	0.16	0.91	0.75	0.10	31.8	12.4	34
W455209		2.26		2.28	1.40	0.2	<0.02	<10	20	0.15	3.44	0.56	2.64	35.2	9.2	35
W455210		3.05		2.48	2.31	1.1	<0.02	<10	30	0.27	4.20	0.98	0.75	40.1	13.2	27
W455211		2.34		0.76	2.05	1.0	<0.02	<10	30	0.21	0.92	0.69	0.37	33.6	15.9	36
W455212		1.84		0.71	2.68	0.1	<0.02	<10	20	0.23	1.17	0.78	1.89	34.9	19.8	54
W455213		2.61		1.44	2.45	0.2	<0.02	<10	20	0.25	2.03	0.67	7.39	28.5	15.0	39
W455214		2.13		0.35	2.34	0.1	<0.02	<10	30	0.15	0.37	0.51	0.58	29.0	11.8	28
W455215		2.16		0.27	2.47	0.1	<0.02	<10	20	0.12	0.30	0.36	0.57	23.8	11.6	41
W455216		2.27		0.75	2.36	0.2	<0.02	<10	30	0.14	1.07	0.67	0.72	22.6	11.2	21
W455217		1.90		2.12	1.17	0.6	<0.02	<10	30	0.10	1.66	0.24	4.62	18.65	9.1	11
W455218		1.97		1.01	2.26	0.2	<0.02	<10	30	0.18	1.01	0.24	2.76	21.0	11.7	18

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To: **COPPER LAKE RESOURCES LTD.**
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TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-06

CERTIFICATE OF ANALYSIS TB18058342

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455179		0.72	37.7	2.84	8.85	<0.05	0.22	<0.01	0.011	0.47	11.5	24.8	1.47	548	0.31	0.29
W455180		0.50	12.2	2.43	7.12	<0.05	0.23	<0.01	0.008	0.30	13.4	23.8	1.40	573	0.17	0.20
W455181		0.58	38.2	2.84	7.39	<0.05	0.21	<0.01	0.008	0.25	13.9	22.1	1.71	624	0.58	0.12
W455182		0.47	26.8	2.14	4.74	<0.05	0.30	<0.01	0.005	0.21	11.6	21.7	1.28	529	0.42	0.04
W455183		0.41	25.1	2.35	5.60	<0.05	0.32	<0.01	0.007	0.21	13.4	19.8	1.62	728	0.31	0.02
W455184		0.25	48.9	2.26	5.48	<0.05	0.33	0.01	0.005	0.20	12.6	15.9	1.47	649	0.50	0.03
W455185		0.38	35.4	2.45	5.34	<0.05	0.30	<0.01	0.005	0.19	13.4	17.2	1.39	638	0.31	0.04
W455186		0.77	304	3.17	6.15	0.07	0.15	0.05	0.018	0.22	9.3	9.3	1.54	482	6.68	0.34
W455187		0.35	20.0	1.97	4.71	<0.05	0.31	0.03	0.006	0.22	17.1	21.0	1.25	546	0.22	0.03
W455188		0.21	127.5	5.87	3.76	0.05	0.22	0.02	<0.005	0.16	12.9	12.6	0.93	568	0.46	0.02
W455189		0.29	14.9	1.88	5.22	<0.05	0.13	0.02	0.008	0.23	16.8	14.0	1.21	544	1.90	0.04
W455190		0.46	72.5	3.69	9.33	0.06	0.33	<0.01	0.012	0.21	25.0	24.3	2.27	888	0.31	0.02
W455191		0.26	23.3	1.20	3.96	<0.05	0.18	<0.01	0.005	0.13	17.0	8.4	0.85	409	0.25	0.03
W455192		0.10	28.8	0.63	2.36	<0.05	0.12	<0.01	<0.005	0.07	11.3	3.1	0.42	215	0.10	0.02
W455193		0.32	127.5	3.07	6.71	0.06	0.28	0.01	0.020	0.18	15.9	22.3	1.61	834	0.47	0.05
W455194		0.74	87.6	3.30	5.20	<0.05	0.44	<0.01	0.013	0.56	15.3	11.4	0.95	567	0.45	0.14
W455195		0.66	20.5	2.16	5.58	<0.05	0.44	<0.01	0.007	0.41	17.6	16.4	1.16	614	0.40	0.12
W455196		0.26	16.7	2.04	3.62	<0.05	0.38	<0.01	<0.005	0.26	13.8	10.4	0.81	451	0.22	0.03
W455197		0.70	26.0	2.23	5.40	<0.05	0.39	<0.01	0.006	0.43	16.3	12.1	0.96	579	0.17	0.14
W455198		0.91	46.1	2.77	5.89	0.05	0.37	0.02	0.007	0.52	15.8	15.3	1.06	571	2.42	0.19
W455199		0.29	54.6	3.26	3.71	<0.05	0.38	<0.01	0.005	0.26	15.2	9.8	0.64	379	0.54	0.07
W455200		0.20	142.5	3.06	4.90	<0.05	0.37	<0.01	0.007	0.22	12.5	9.4	0.82	565	0.43	0.04
W455201		0.17	26.3	2.57	6.82	<0.05	0.39	0.01	0.032	0.13	13.5	13.9	1.41	878	<0.05	0.05
W455202		0.28	17.4	2.29	5.57	0.05	0.41	0.02	0.009	0.19	19.7	16.6	1.37	965	0.06	0.05
W455203		0.34	29.2	2.56	5.99	<0.05	0.35	<0.01	0.008	0.20	14.9	16.7	1.58	894	0.54	0.03
W455204		0.43	66.5	2.06	6.96	<0.05	0.39	<0.01	0.008	0.18	13.0	16.9	1.22	741	0.94	0.03
W455205		0.16	14.1	2.39	7.09	0.07	0.43	0.02	0.008	0.07	16.0	21.1	1.76	884	<0.05	0.06
W455206		2.15	159.0	4.72	8.06	0.05	0.26	0.01	0.019	0.25	3.6	21.6	1.70	479	0.17	0.53
W455207		0.19	12.4	1.98	7.74	0.10	0.27	0.02	0.008	0.05	13.7	26.0	1.66	682	<0.05	0.05
W455208		0.08	66.9	2.63	7.31	0.09	0.34	0.01	0.007	0.04	15.8	23.1	1.98	926	<0.05	0.08
W455209		0.10	43.4	1.63	5.93	0.14	0.44	0.01	0.014	0.09	18.2	12.1	1.18	562	0.86	0.05
W455210		0.20	78.3	2.61	7.46	0.12	0.31	<0.01	0.009	0.15	20.4	25.6	2.11	868	1.06	0.02
W455211		0.14	81.7	2.49	7.16	0.10	0.24	<0.01	0.008	0.10	17.0	22.5	1.66	770	0.30	0.02
W455212		0.14	48.6	3.10	9.77	0.12	0.39	0.01	0.013	0.07	17.7	32.1	2.40	1080	0.19	0.05
W455213		0.18	102.0	2.86	9.00	0.07	0.27	0.02	0.019	0.09	14.8	29.1	2.15	1020	0.32	0.03
W455214		0.17	84.3	2.89	7.36	0.07	0.28	<0.01	0.007	0.12	15.0	24.2	2.08	1100	0.19	0.03
W455215		0.11	47.0	3.34	7.18	0.07	0.25	<0.01	0.009	0.05	12.6	28.4	2.36	1170	1.41	0.02
W455216		0.32	28.9	2.88	7.05	0.06	0.34	<0.01	0.008	0.19	12.1	26.3	2.11	1280	0.52	0.03
W455217		0.27	303	1.95	3.44	0.05	0.31	0.01	0.011	0.19	9.8	11.2	0.73	599	0.60	0.01
W455218		0.44	121.5	3.08	5.98	0.05	0.35	0.01	0.008	0.23	11.4	27.2	1.80	1260	0.45	0.01

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455179		0.06	33.2	870	44.4	14.4	<0.001	0.32	<0.05	3.6	<0.2	0.5	43.6	<0.01	0.06	1.9
W455180		0.06	22.7	860	35.7	8.5	<0.001	0.13	<0.05	2.7	<0.2	0.4	28.1	<0.01	0.02	2.3
W455181		0.10	30.8	830	46.1	7.6	<0.001	0.63	<0.05	3.7	0.5	0.5	27.0	<0.01	0.06	2.3
W455182		0.07	29.7	790	18.4	5.3	<0.001	0.39	<0.05	1.5	0.4	0.3	6.8	<0.01	0.05	2.8
W455183		0.10	25.9	840	25.3	6.3	<0.001	0.31	<0.05	2.5	0.3	0.5	7.7	<0.01	0.04	2.9
W455184		0.12	23.1	710	27.6	5.9	<0.001	0.20	<0.05	2.4	0.2	0.4	5.3	<0.01	0.05	2.7
W455185		0.10	28.2	710	45.6	5.7	<0.001	0.41	<0.05	2.2	0.3	0.3	7.9	<0.01	0.06	2.7
W455186		0.18	122.5	360	14.6	9.4	0.003	0.12	1.71	3.2	0.2	1.4	89.6	<0.01	0.05	3.5
W455187		0.12	18.4	790	34.4	5.7	<0.001	0.10	<0.05	2.1	<0.2	0.2	10.5	0.01	0.03	2.9
W455188		0.13	59.3	530	26.1	4.4	0.001	4.20	<0.05	2.0	3.9	0.2	6.8	<0.01	0.61	2.1
W455189		0.07	26.0	1830	60.4	5.7	<0.001	0.16	<0.05	4.0	0.2	0.3	20.4	<0.01	0.04	3.0
W455190		0.09	39.1	790	77.8	6.3	<0.001	0.84	<0.05	6.8	1.5	0.5	18.3	<0.01	0.15	4.0
W455191		0.18	9.6	490	54.9	3.9	<0.001	0.18	0.05	1.8	0.5	0.3	19.2	<0.01	0.02	2.8
W455192		0.18	3.0	240	109.5	1.8	<0.001	0.08	0.05	0.9	0.2	0.2	15.2	<0.01	0.02	2.0
W455193		0.08	16.2	420	1125	4.8	<0.001	1.15	<0.05	2.9	10.9	0.4	14.2	<0.01	0.42	2.8
W455194		0.08	18.1	450	182.5	18.3	<0.001	1.64	<0.05	1.6	4.3	0.3	19.7	<0.01	0.15	3.1
W455195		0.09	12.4	490	74.5	14.4	<0.001	0.63	<0.05	1.6	0.7	0.3	18.7	<0.01	0.04	3.4
W455196		0.09	12.9	480	68.0	5.8	<0.001	0.85	<0.05	1.2	0.6	0.2	13.5	<0.01	0.04	2.8
W455197		0.10	16.3	490	58.1	14.4	<0.001	0.74	<0.05	1.7	0.6	0.3	31.3	<0.01	0.08	3.0
W455198		0.08	19.4	490	59.7	17.3	<0.001	1.03	<0.05	2.1	0.9	0.2	23.4	<0.01	0.10	3.0
W455199		0.11	25.4	470	44.8	5.8	<0.001	2.34	0.07	1.3	1.2	0.2	8.6	<0.01	0.13	2.8
W455200		0.09	22.6	460	40.2	4.7	<0.001	1.14	<0.05	1.6	0.8	0.2	84.1	<0.01	0.12	2.5
W455201		0.11	15.0	460	56.6	3.1	<0.001	0.13	<0.05	2.7	0.3	0.4	37.5	<0.01	0.03	2.8
W455202		0.12	11.3	480	60.9	4.5	<0.001	0.14	<0.05	2.8	0.5	0.3	104.0	<0.01	0.02	3.0
W455203		0.12	12.1	500	100.5	5.7	<0.001	0.47	<0.05	2.4	0.5	0.3	35.0	<0.01	0.06	2.8
W455204		0.09	12.7	480	144.0	5.3	0.001	0.42	<0.05	2.5	0.8	0.5	9.1	<0.01	0.11	2.8
W455205		0.18	13.8	540	37.2	1.7	<0.001	0.02	<0.05	3.7	0.5	0.4	20.1	<0.01	0.02	3.2
W455206		0.14	89.9	340	1.4	12.3	0.001	0.02	<0.05	3.0	0.2	0.4	63.1	<0.01	0.01	0.6
W455207		0.14	19.4	480	65.2	1.1	<0.001	0.02	<0.05	3.1	0.9	0.4	21.3	<0.01	0.02	1.6
W455208		0.18	28.9	760	67.9	0.9	<0.001	0.02	<0.05	4.3	0.6	0.5	22.5	<0.01	0.02	2.6
W455209		0.26	28.4	670	421	2.5	0.001	0.06	0.06	3.9	2.7	0.4	21.1	<0.01	0.08	3.0
W455210		0.17	33.2	780	177.0	4.8	0.001	0.35	0.10	2.7	1.2	0.3	24.2	<0.01	0.18	3.1
W455211		0.16	43.2	620	66.0	2.8	0.001	0.27	0.10	2.4	1.2	0.3	28.9	<0.01	0.08	2.0
W455212		0.21	60.3	660	140.5	2.0	<0.001	0.05	<0.05	4.2	1.0	0.5	45.6	<0.01	0.05	2.4
W455213		0.14	41.4	610	319	2.8	0.001	0.21	<0.05	3.5	1.9	0.4	46.8	<0.01	0.12	2.0
W455214		0.14	26.2	630	37.4	3.8	<0.001	0.08	<0.05	3.2	0.4	0.3	20.4	<0.01	0.03	2.3
W455215		0.14	34.5	520	26.3	1.4	0.001	0.09	<0.05	3.5	0.4	0.3	10.5	<0.01	0.02	1.9
W455216		0.13	22.2	430	147.5	6.0	0.002	0.08	<0.05	2.6	1.3	0.3	5.6	<0.01	0.05	2.6
W455217		0.12	19.9	410	86.0	5.2	0.002	0.59	<0.05	1.2	3.1	0.2	5.6	<0.01	0.27	2.1
W455218		0.11	23.6	440	54.7	7.3	0.002	0.18	<0.05	1.9	0.8	0.2	2.8	<0.01	0.06	2.6

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-06

CERTIFICATE OF ANALYSIS TB18058342

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
W455179		0.141	0.13	0.25	38	0.17	4.24	124	9.4
W455180		0.120	0.08	0.27	31	0.18	4.94	112	9.9
W455181		0.133	0.08	0.31	34	0.24	4.45	127	8.5
W455182		0.075	0.05	0.30	21	0.15	4.89	69	13.4
W455183		0.118	0.06	0.30	27	0.15	5.46	91	14.6
W455184		0.118	0.04	0.29	25	0.13	4.88	93	16.1
W455185		0.113	0.05	0.29	24	0.15	4.62	97	13.5
W455186		0.111	0.07	1.04	71	1.21	7.31	56	3.2
W455187		0.105	0.04	0.33	22	0.16	5.05	82	14.5
W455188		0.048	0.06	0.29	16	0.19	3.40	223	10.0
W455189		0.076	0.06	0.32	29	0.23	6.48	157	5.8
W455190		0.160	0.09	0.42	61	0.41	7.04	369	14.3
W455191		0.095	0.03	0.35	16	0.32	4.16	244	7.0
W455192		0.054	0.02	0.22	8	0.64	2.02	111	4.2
W455193		0.092	0.09	0.31	25	0.27	4.14	2300	12.5
W455194		0.075	0.19	0.36	16	0.20	4.00	1320	19.9
W455195		0.090	0.12	0.39	18	0.17	4.60	141	20.6
W455196		0.053	0.04	0.32	14	0.18	3.79	86	18.1
W455197		0.076	0.13	0.36	17	0.17	4.71	116	18.1
W455198		0.087	0.16	0.38	19	0.13	4.24	127	17.7
W455199		0.052	0.07	0.32	13	0.19	3.89	104	17.7
W455200		0.041	0.03	0.30	20	0.12	4.09	104	17.3
W455201		0.084	0.02	0.31	26	0.13	3.61	2180	16.6
W455202		0.085	0.04	0.39	22	0.16	4.95	189	18.1
W455203		0.084	0.05	0.31	24	0.20	3.78	322	14.6
W455204		0.093	0.04	0.34	25	0.26	4.13	246	19.0
W455205		0.142	0.02	0.34	26	0.27	3.45	121	16.5
W455206		0.312	0.16	0.14	161	<0.05	9.88	46	9.9
W455207		0.120	0.02	0.22	25	0.21	3.00	287	9.0
W455208		0.161	0.02	0.28	29	0.31	3.81	136	12.3
W455209		0.132	0.03	0.28	20	0.40	4.61	957	18.7
W455210		0.100	0.05	0.31	26	0.44	5.35	322	13.7
W455211		0.098	0.03	0.15	24	0.40	3.75	192	9.7
W455212		0.155	0.02	0.20	33	0.46	4.74	748	14.7
W455213		0.117	0.02	0.18	30	0.42	4.02	2790	11.4
W455214		0.129	0.03	0.21	26	0.51	3.94	299	11.1
W455215		0.117	<0.02	0.18	26	0.36	3.47	373	9.6
W455216		0.108	0.05	0.25	29	0.13	3.62	509	13.4
W455217		0.046	0.04	0.22	12	0.10	3.05	1400	13.5
W455218		0.089	0.06	0.27	23	0.11	3.81	1520	15.5

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TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-06

CERTIFICATE OF ANALYSIS TB18058342

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
W455219		2.09		1.28	2.43	0.2	<0.02	<10	30	0.17	1.51	0.68	5.79	19.15	13.8	18
W455220		1.49		1.27	2.50	0.3	<0.02	<10	40	0.18	0.76	1.08	3.29	20.9	17.5	20
W455221		2.03		3.05	2.05	0.4	<0.02	<10	30	0.16	2.58	0.53	3.92	18.50	11.3	15
W455222		1.98		2.69	2.17	1.6	<0.02	<10	40	0.12	1.70	0.21	7.52	21.2	20.7	16
W455223		2.25		0.58	2.57	0.2	<0.02	<10	30	0.20	0.59	0.40	1.91	22.6	8.7	21
W455224		2.24		0.57	2.80	0.1	<0.02	<10	30	0.28	0.77	0.21	1.54	18.70	11.7	20
W455225		1.71		0.97	1.85	0.4	<0.02	<10	40	0.29	0.75	0.21	2.28	21.3	10.7	12
W455226		0.04	0.483	0.70	2.83	179.0	1.32	<10	140	0.26	0.12	1.93	0.27	18.55	15.3	110
W455227		2.12		0.64	1.88	0.2	<0.02	<10	40	0.22	0.84	0.21	6.98	20.3	10.6	14
W455228		1.44		0.32	1.68	<0.1	<0.02	<10	30	0.17	0.36	0.29	2.76	23.6	6.9	18
W455229		1.71		1.21	1.80	0.5	<0.02	<10	40	0.20	0.83	0.24	7.86	21.0	14.3	16
W455230		2.32		1.17	1.41	0.1	<0.02	<10	30	0.16	1.17	0.39	3.52	20.0	7.7	19
W455231		1.88		3.37	4.22	0.2	<0.02	<10	30	0.25	5.73	0.53	0.83	24.3	17.0	33
W455232		2.15		0.19	3.89	0.1	<0.02	<10	160	0.14	0.11	1.44	0.20	20.7	9.3	46
W455233		0.94		0.42	2.99	0.3	<0.02	<10	70	0.16	0.33	1.68	0.29	26.4	11.9	40
W455234		1.70		1.59	2.68	1.3	<0.02	<10	50	0.40	1.67	0.72	0.35	20.7	20.9	51
W455235		2.56		0.75	2.80	0.5	<0.02	<10	70	0.29	1.01	0.84	0.24	21.6	15.1	43

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501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-06

CERTIFICATE OF ANALYSIS TB18058342

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455219		0.40	208	3.21	6.42	<0.05	0.25	0.01	0.015	0.19	10.4	28.1	2.04	1340	0.89	0.02
W455220		0.45	303	3.65	7.31	0.06	0.36	0.01	0.014	0.23	11.4	31.2	2.11	1400	0.68	0.02
W455221		0.46	342	2.71	5.84	<0.05	0.30	0.01	0.013	0.20	9.6	24.0	1.83	1160	1.18	0.01
W455222		0.43	596	3.82	5.56	0.05	0.35	0.01	0.026	0.26	11.3	23.9	1.73	1180	1.36	0.02
W455223		0.50	62.1	2.99	6.64	0.05	0.30	<0.01	0.018	0.21	12.3	28.5	2.39	1350	0.40	0.02
W455224		0.55	50.8	3.27	7.57	<0.05	0.36	0.01	0.011	0.26	9.3	36.4	2.61	1260	0.77	0.01
W455225		0.61	629	2.71	5.33	<0.05	0.37	0.01	0.019	0.24	11.6	23.8	1.47	983	0.29	0.01
W455226		0.78	289	2.98	6.44	0.07	0.15	0.05	0.020	0.21	9.3	10.2	1.47	461	7.10	0.32
W455227		0.47	127.0	2.50	5.45	<0.05	0.29	0.02	0.029	0.23	11.1	22.7	1.51	1120	0.43	0.02
W455228		0.33	262	2.22	5.05	<0.05	0.32	0.01	0.017	0.14	13.0	21.2	1.35	934	0.23	0.01
W455229		0.49	358	2.98	5.66	<0.05	0.37	0.03	0.058	0.23	10.7	23.0	1.30	908	0.88	0.02
W455230		0.29	236	2.17	4.76	<0.05	0.32	0.02	0.015	0.12	10.8	15.5	1.04	725	31.2	0.01
W455231		0.58	263	4.94	12.35	0.05	0.18	0.01	0.018	0.23	13.2	53.0	4.49	1340	3.41	0.01
W455232		0.86	20.9	2.93	11.75	0.08	0.19	0.01	0.020	0.98	10.1	26.8	2.32	722	0.96	0.25
W455233		0.69	47.9	2.71	9.49	0.06	0.17	<0.01	0.017	0.40	13.2	25.4	1.87	676	0.66	0.08
W455234		0.99	76.1	3.86	9.85	0.05	0.20	<0.01	0.020	0.33	10.2	31.3	1.99	887	0.82	0.08
W455235		0.81	33.7	3.31	10.20	0.05	0.23	<0.01	0.019	0.41	10.8	29.9	2.05	819	0.68	0.11

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Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-06

CERTIFICATE OF ANALYSIS TB18058342

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455219		0.08	22.8	420	72.0	6.5	0.001	0.35	<0.05	2.0	1.5	0.2	4.0	<0.01	0.13	2.3
W455220		0.10	26.1	450	62.5	7.9	0.002	0.57	<0.05	2.3	2.3	0.2	6.4	0.01	0.17	2.4
W455221		0.06	19.9	420	228	7.0	0.003	0.39	<0.05	1.8	4.7	0.2	2.7	<0.01	0.19	2.4
W455222		0.08	24.7	480	115.0	7.9	0.004	1.46	<0.05	1.7	4.2	0.2	2.1	<0.01	0.49	2.5
W455223		0.07	20.1	500	82.0	7.5	0.006	0.11	<0.05	2.3	0.9	0.2	2.5	<0.01	0.04	2.6
W455224		0.07	22.8	500	16.4	8.8	0.001	0.14	<0.05	2.1	0.6	0.3	2.2	<0.01	0.05	2.7
W455225		0.05	21.8	490	20.4	8.1	<0.001	0.58	<0.05	1.7	1.5	0.3	3.0	<0.01	0.23	2.7
W455226		0.21	117.0	340	15.0	9.7	0.004	0.11	1.82	3.4	0.3	1.5	91.4	<0.01	0.03	3.5
W455227		0.05	19.3	430	25.2	7.2	0.002	0.33	<0.05	1.6	0.9	0.3	2.7	<0.01	0.07	2.8
W455228		0.07	16.5	360	18.1	4.5	0.001	0.17	<0.05	2.0	0.6	0.5	7.8	<0.01	0.04	2.4
W455229		0.10	21.2	420	23.8	7.5	0.001	0.88	<0.05	2.0	1.9	0.4	4.4	<0.01	0.12	2.7
W455230		0.17	15.4	330	31.3	3.8	0.018	0.41	<0.05	1.9	0.9	0.4	14.3	<0.01	0.13	2.1
W455231		0.10	40.2	550	55.4	8.6	0.002	0.60	<0.05	3.5	3.0	0.5	2.2	<0.01	0.12	1.7
W455232		<0.05	29.9	710	13.4	26.8	0.003	0.09	<0.05	6.4	0.5	0.8	37.9	<0.01	<0.01	1.6
W455233		<0.05	28.7	640	17.6	11.5	0.002	0.33	<0.05	5.7	1.2	0.7	26.1	<0.01	0.01	1.7
W455234		0.08	46.0	690	43.9	10.9	0.006	1.14	<0.05	5.6	2.2	0.6	17.5	<0.01	0.06	1.8
W455235		0.05	37.8	720	16.6	13.0	0.003	0.66	<0.05	5.6	1.3	0.6	21.1	<0.01	0.04	1.8

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CERTIFICATE OF ANALYSIS TB18058342

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
W455219		0.073	0.05	0.21	25	0.11	3.06	2470	12.1
W455220		0.078	0.06	0.23	28	0.13	3.71	2270	14.8
W455221		0.047	0.06	0.22	19	0.18	3.48	1330	13.8
W455222		0.061	0.05	0.23	19	0.16	3.80	2890	17.2
W455223		0.073	0.06	0.22	27	0.12	3.66	592	14.1
W455224		0.055	0.06	0.27	24	0.10	4.06	666	17.0
W455225		0.024	0.06	0.27	14	0.11	2.96	904	17.6
W455226		0.109	0.07	1.08	68	1.44	7.74	55	3.6
W455227		0.038	0.05	0.30	17	0.14	3.09	2650	13.8
W455228		0.050	0.03	0.25	17	0.15	3.12	1110	13.8
W455229		0.059	0.06	0.28	17	0.17	3.47	2940	17.2
W455230		0.086	0.04	0.24	17	0.22	3.13	1430	13.2
W455231		0.105	0.07	0.17	39	0.08	4.54	454	7.5
W455232		0.184	0.18	0.16	52	0.07	3.70	124	8.5
W455233		0.145	0.10	0.14	45	0.14	3.89	98	7.8
W455234		0.136	0.12	0.18	45	0.31	4.75	178	9.3
W455235		0.146	0.14	0.19	47	0.15	4.60	145	10.0

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CERTIFICATE OF ANALYSIS TB18058342

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	ME-MS41

ALS Canada Ltd.

2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

CERTIFICATE TB18059942

Project: MAR18-07

This report is for 123 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 19-MAR-2018.

The following have access to data associated with this certificate:

GEORGE MANNARD	ROBERT MIDDLETON	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

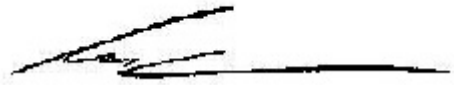
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Ag-OG46	Ore Grade Ag - Aqua Regia	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	ICP-AES
Pb-OG46	Ore Grade Pb - Aqua Regia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **COPPER LAKE RESOURCES LTD.**
ATTN: ROBERT MIDDLETON
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

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 TB18059942

Sample Description	Method	WEI-21	Au-ICP21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1
W455257		2.38			0.25	3.08	0.2	<0.02	<10	100	0.26	0.04	0.22	0.27	14.40	10.7
W455258		1.26			1.30	3.63	0.5	<0.02	<10	90	0.13	0.13	0.25	0.79	11.75	17.8
W455259		2.39			0.64	2.34	0.4	<0.02	<10	70	0.20	0.40	0.17	3.77	15.85	11.6
W455260		2.54			1.32	3.13	0.1	<0.02	<10	110	0.14	0.18	0.70	3.63	15.80	10.0
W455261		2.36			4.18	2.30	0.4	0.02	<10	80	0.14	2.18	0.26	7.22	14.95	11.8
W455262		2.28			2.92	1.82	0.9	<0.02	<10	30	0.11	0.25	0.30	7.00	17.65	9.1
W455263		2.55	0.095		10.05	1.03	0.5	0.34	<10	30	0.09	1.47	0.15	51.4	11.70	10.4
W455264		2.81			1.56	0.95	0.7	<0.02	<10	30	0.15	0.44	0.34	1.37	17.40	9.0
W455265		2.47			1.19	2.86	0.4	<0.02	<10	110	0.15	0.60	0.84	2.23	19.30	11.6
W455266		2.38			0.21	2.97	0.2	<0.02	<10	100	0.23	0.04	0.64	0.09	21.1	10.5
W455267		3.45			0.37	3.87	0.4	<0.02	<10	110	0.17	0.07	1.58	0.20	23.7	12.4
W455268		3.54			0.31	2.96	0.4	<0.02	<10	100	0.16	0.18	1.01	0.08	22.0	10.6
W455269		2.45			1.98	4.81	1.7	<0.02	<10	30	0.26	3.69	8.19	0.21	194.0	20.4
W455270		2.30			3.29	3.59	2.7	<0.02	<10	30	0.24	4.81	5.85	3.26	159.5	24.5
W455271		2.35			0.91	2.33	0.7	<0.02	<10	30	0.13	1.29	2.60	0.27	52.0	12.4
W455272		2.22			4.38	2.64	3.3	<0.02	<10	30	0.39	8.72	4.30	0.65	204	21.4
W455273		3.00			0.59	3.39	0.5	<0.02	<10	220	0.19	0.74	1.12	0.38	24.6	12.0
W455274		3.36			1.32	2.30	0.3	<0.02	<10	130	0.18	1.62	0.24	0.59	15.65	12.0
W455275		2.68			0.75	3.59	0.3	<0.02	<10	240	0.26	0.16	0.78	0.77	20.7	12.3
W455276		1.46			1.89	2.95	0.2	<0.02	<10	150	0.22	2.15	0.84	1.53	20.1	10.8
W455277		0.04	0.463		0.50	2.69	174.0	0.33	<10	140	0.18	0.11	1.79	0.27	16.95	14.1
W455278		2.49			0.62	2.39	1.1	<0.02	<10	180	0.21	0.16	0.32	0.28	19.40	9.9
W455279		2.40			0.37	3.15	0.7	<0.02	<10	160	0.31	0.07	0.84	0.25	23.2	11.7
W455280		2.49			0.34	4.05	0.4	<0.02	<10	140	0.34	0.02	1.14	0.59	21.4	12.9
W455281		2.30			0.35	3.31	0.5	<0.02	<10	110	0.17	0.03	0.85	0.44	17.95	10.2
W455282		2.36			0.84	1.59	1.2	<0.02	<10	40	0.42	0.31	0.28	0.55	19.30	10.7
W455283		1.11	0.240		24.8	1.24	7.0	0.12	<10	30	0.40	2.72	0.72	44.6	8.59	43.7
W455284		1.93			0.85	1.39	0.7	<0.02	<10	50	0.18	0.06	0.24	0.14	18.25	7.9
W455285		2.02			0.21	3.38	0.4	<0.02	<10	120	0.42	0.06	0.78	0.16	19.10	10.6
W455286		2.98			0.16	3.83	0.5	<0.02	<10	180	0.34	0.29	0.83	1.27	20.4	9.7
W455287		2.93			0.10	3.40	0.4	<0.02	<10	200	0.23	0.11	0.63	0.12	22.4	10.9
W455288		2.41			0.20	2.78	1.0	<0.02	<10	120	0.48	0.19	0.53	0.16	26.6	10.3
W455289		1.59			0.48	2.02	1.5	<0.02	<10	70	0.34	0.38	0.33	0.24	14.85	7.4
W455290		3.07			0.81	1.14	26.7	<0.02	<10	30	0.48	1.72	0.40	0.83	11.55	10.3
W455297		0.14			0.04	2.78	0.4	<0.02	10	130	0.06	0.01	1.75	0.04	8.12	25.8
W455298		2.17			1.62	1.94	3.6	<0.02	<10	30	0.19	2.28	0.22	19.05	16.70	17.2
W455299		2.00			0.50	0.78	4.0	<0.02	<10	30	0.11	0.17	0.18	0.38	21.2	9.1
W455300		2.14			0.61	0.73	5.8	<0.02	<10	30	0.14	0.59	0.32	1.19	21.7	12.6
W455301		2.03			2.42	0.92	19.3	<0.02	<10	30	0.15	1.98	0.22	3.11	24.3	14.2
W455302		2.06			7.14	0.72	24.5	<0.02	<10	30	0.50	11.50	0.15	12.85	21.5	16.2

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To: **COPPER LAKE RESOURCES LTD.**
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TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-07

CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
W455257		35	1.34	17.3	3.47	9.23	<0.05	0.27	0.01	0.011	1.06	6.9	18.1	2.62	1280	1.29
W455258		27	1.02	91.2	4.89	11.05	0.08	0.29	0.01	0.015	1.04	6.1	15.9	3.37	1250	3.39
W455259		27	0.87	41.2	2.83	6.73	<0.05	0.29	0.01	0.019	0.67	7.9	13.6	1.93	988	0.11
W455260		32	0.93	30.4	3.05	8.98	0.08	0.25	0.02	0.022	0.87	7.8	15.6	2.14	995	0.09
W455261		26	0.99	189.0	3.29	5.38	0.11	0.32	0.02	0.019	0.79	7.3	12.0	1.79	876	0.34
W455262		39	0.52	236	2.82	5.04	<0.05	0.35	0.04	0.021	0.26	8.2	11.1	1.54	799	0.19
W455263		11	0.28	595	4.06	2.89	0.07	0.33	0.49	0.100	0.19	5.9	5.0	0.63	447	2.69
W455264		12	0.26	64.4	1.39	2.34	<0.05	0.29	0.01	0.006	0.19	8.5	5.0	0.55	400	1.59
W455265		29	0.93	35.8	2.77	8.08	0.07	0.27	<0.01	0.024	0.92	9.4	10.6	1.65	671	0.78
W455266		31	0.98	11.2	3.14	9.13	0.05	0.23	0.01	0.017	0.77	10.4	15.5	1.80	828	0.18
W455267		33	0.85	33.7	2.95	11.05	0.06	0.23	<0.01	0.018	0.70	11.4	13.4	2.06	807	0.16
W455268		32	0.79	24.2	3.03	9.08	0.06	0.29	<0.01	0.014	0.59	10.7	15.5	1.95	899	0.15
W455269		500	0.36	41.5	5.86	16.25	0.30	0.09	0.01	0.016	0.08	83.1	26.5	4.95	2930	0.10
W455270		369	0.22	182.0	4.97	12.00	0.19	0.13	0.01	0.029	0.09	68.8	16.8	3.90	2100	0.33
W455271		63	0.11	13.8	3.03	7.22	0.08	0.39	<0.01	0.009	0.09	23.6	10.4	2.31	1160	0.11
W455272		241	0.31	119.5	3.85	9.17	0.27	0.04	<0.01	0.022	0.10	85.9	11.6	2.99	1120	0.08
W455273		37	1.59	66.8	3.66	10.45	0.08	0.37	0.01	0.011	1.26	12.0	17.1	2.28	1040	0.16
W455274		24	1.46	149.0	3.16	5.44	0.07	0.38	<0.01	0.010	1.39	7.7	11.6	1.65	682	0.47
W455275		36	1.61	90.3	3.42	10.90	0.09	0.29	<0.01	0.012	1.59	10.3	12.1	2.07	809	0.29
W455276		31	1.19	122.5	3.02	8.21	0.07	0.27	0.01	0.011	1.05	9.7	9.6	1.77	744	0.34
W455277		105	0.76	289	2.93	5.88	0.07	0.14	0.03	0.021	0.22	8.0	8.4	1.42	454	6.63
W455278		34	1.10	62.6	3.08	8.38	0.06	0.31	<0.01	0.013	0.97	9.4	10.3	1.73	732	0.21
W455279		30	0.92	22.4	3.47	10.10	0.07	0.33	<0.01	0.015	1.05	11.3	7.4	1.72	603	0.16
W455280		32	1.15	31.3	3.60	10.75	0.06	0.29	<0.01	0.017	1.23	10.3	10.2	1.95	748	0.14
W455281		29	1.05	36.7	3.22	8.79	0.06	0.32	<0.01	0.016	1.08	8.8	9.8	1.75	727	0.18
W455282		16	0.44	87.5	2.06	4.02	<0.05	0.41	0.02	0.005	0.33	10.1	9.5	0.98	596	0.14
W455283		12	0.25	1090	6.43	3.25	0.14	0.42	0.84	0.060	0.18	4.5	5.7	0.69	322	2.34
W455284		16	0.46	91.5	1.89	3.75	<0.05	0.43	0.02	<0.005	0.46	9.4	7.0	0.75	407	0.25
W455285		31	1.21	15.4	3.26	9.38	<0.05	0.30	0.01	0.007	1.22	9.2	15.8	1.86	749	18.50
W455286		29	1.23	24.0	3.22	10.40	0.06	0.27	0.01	0.017	1.49	10.0	22.0	2.02	708	26.3
W455287		30	1.35	9.1	3.46	10.15	0.07	0.31	0.01	0.009	1.64	11.2	15.7	1.77	747	0.27
W455288		27	1.16	19.8	2.97	8.00	0.06	0.40	0.01	0.009	1.31	13.7	10.6	1.43	621	0.28
W455289		20	0.82	134.0	2.59	5.31	<0.05	0.42	0.02	0.005	0.78	7.5	10.1	1.20	512	0.25
W455290		12	0.31	217	2.62	2.75	<0.05	0.38	0.06	0.005	0.20	5.9	5.1	0.49	195	0.56
W455297		10	2.18	153.0	4.20	6.60	<0.05	0.25	0.01	0.017	0.16	3.4	21.2	1.51	407	0.18
W455298		19	0.84	243	3.11	5.26	<0.05	0.50	0.09	0.033	0.49	8.3	10.9	1.54	699	0.53
W455299		9	0.18	57.3	1.42	2.07	<0.05	0.52	0.01	<0.005	0.19	10.5	4.6	0.45	250	0.79
W455300		8	0.10	95.3	1.45	2.13	<0.05	0.47	0.03	0.006	0.20	10.4	2.9	0.26	165	0.56
W455301		9	0.12	212	2.44	2.43	<0.05	0.50	0.07	0.005	0.17	12.6	4.8	0.54	332	0.59
W455302		7	0.26	252	2.22	1.72	0.05	0.52	0.11	0.029	0.23	10.9	3.7	0.37	260	1.00

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	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
W455257		0.04	0.10	28.2	490	29.5	33.1	<0.001	0.07	<0.05	5.3	0.4	0.4	4.1	<0.01	0.01
W455258		0.04	0.13	42.1	370	41.8	33.5	<0.001	0.54	<0.05	4.8	1.8	0.6	4.5	<0.01	0.07
W455259		0.03	0.08	27.3	550	39.3	21.8	<0.001	0.19	<0.05	3.7	1.3	0.3	2.5	<0.01	0.02
W455260		0.11	0.13	24.6	530	895	28.1	<0.001	0.20	0.19	4.8	16.1	0.6	10.7	<0.01	0.14
W455261		0.04	0.10	26.7	550	1645	28.4	<0.001	0.55	0.51	4.1	23.9	0.4	3.9	<0.01	0.33
W455262		0.02	0.11	25.3	560	68.8	9.2	<0.001	0.64	0.07	2.5	3.7	0.3	2.8	<0.01	0.05
W455263		0.02	0.09	101.5	430	81.8	6.2	<0.001	3.28	<0.05	1.2	16.8	<0.2	2.0	<0.01	0.09
W455264		0.03	0.09	21.2	520	102.5	6.2	<0.001	0.57	0.06	1.0	2.3	<0.2	4.6	<0.01	0.07
W455265		0.12	0.12	27.7	540	342	32.3	<0.001	0.21	0.18	5.1	2.1	0.6	10.6	<0.01	0.09
W455266		0.11	0.16	32.3	560	23.5	25.2	<0.001	0.14	<0.05	5.0	0.2	0.6	10.8	<0.01	0.01
W455267		0.14	0.12	28.8	570	39.0	21.7	<0.001	0.24	<0.05	6.1	0.2	0.6	19.0	<0.01	0.02
W455268		0.11	0.12	27.1	570	33.9	20.5	<0.001	0.20	<0.05	5.2	0.3	0.4	22.7	<0.01	0.02
W455269		0.02	0.25	145.0	2760	98.9	3.1	<0.001	0.22	<0.05	14.9	0.9	0.3	116.5	0.01	0.14
W455270		0.01	0.25	119.0	2230	134.5	2.9	<0.001	0.89	<0.05	9.6	2.7	0.3	87.5	0.01	0.26
W455271		0.03	0.26	35.8	850	36.7	2.6	<0.001	0.20	0.05	4.1	0.9	0.3	32.6	0.01	0.04
W455272		0.02	0.25	72.0	3610	111.0	4.2	<0.001	1.12	0.06	5.7	2.6	0.3	125.5	<0.01	0.33
W455273		0.12	0.16	30.0	500	135.0	47.6	<0.001	0.30	<0.05	6.0	1.8	0.5	67.1	<0.01	0.05
W455274		0.04	0.13	28.1	560	118.5	49.0	<0.001	0.45	<0.05	4.0	3.5	0.3	7.1	<0.01	0.09
W455275		0.22	0.14	29.8	560	182.0	49.5	<0.001	0.34	<0.05	7.6	2.7	0.6	23.4	<0.01	0.05
W455276		0.11	0.11	25.1	550	458	32.2	<0.001	0.41	<0.05	6.4	5.9	0.5	18.6	<0.01	0.13
W455277		0.30	0.24	115.0	350	14.9	9.3	0.005	0.11	1.74	3.1	0.5	1.3	80.2	<0.01	0.05
W455278		0.07	0.13	26.7	550	68.5	28.7	<0.001	0.27	<0.05	6.6	1.5	0.6	8.9	<0.01	0.04
W455279		0.11	0.19	28.6	580	107.5	33.0	<0.001	0.33	<0.05	6.0	0.6	0.7	12.6	<0.01	0.03
W455280		0.19	0.13	31.5	610	156.0	38.5	<0.001	0.26	<0.05	5.3	0.6	0.7	17.0	<0.01	0.03
W455281		0.12	0.14	30.4	570	124.5	39.4	<0.001	0.25	<0.05	5.2	1.5	0.5	10.3	<0.01	0.01
W455282		0.04	0.08	25.3	570	129.5	13.6	0.001	0.51	0.16	1.8	1.3	0.2	4.6	<0.01	0.05
W455283		0.04	0.12	24.7	420	>10000	6.2	0.001	6.36	6.98	1.6	42.7	0.2	6.7	<0.01	1.51
W455284		0.05	0.10	21.0	530	84.1	17.6	0.001	0.57	0.44	1.6	1.0	0.2	4.4	<0.01	0.03
W455285		0.14	0.13	26.6	560	64.8	42.7	0.001	0.14	<0.05	4.8	0.3	0.5	11.4	<0.01	<0.01
W455286		0.15	0.12	25.9	490	40.2	45.1	<0.001	0.09	<0.05	5.4	0.2	0.6	14.5	<0.01	0.02
W455287		0.14	0.15	23.3	510	37.9	53.2	<0.001	0.13	<0.05	6.2	0.2	0.7	12.2	<0.01	0.01
W455288		0.14	0.14	22.0	580	30.7	48.9	0.001	0.31	<0.05	4.7	0.4	0.5	9.6	<0.01	0.02
W455289		0.06	0.09	15.8	490	45.2	31.7	0.001	0.68	<0.05	2.6	1.6	0.4	5.4	<0.01	0.04
W455290		0.06	0.07	20.6	350	47.9	7.7	<0.001	2.14	0.10	1.3	3.5	0.2	6.1	<0.01	0.06
W455297		0.39	0.22	80.2	330	1.5	8.9	0.001	0.04	<0.05	2.3	0.2	0.4	46.6	<0.01	<0.01
W455298		0.02	0.10	40.3	490	79.0	23.3	0.001	0.89	<0.05	2.2	5.7	0.3	1.7	<0.01	0.06
W455299		0.02	0.11	25.7	580	47.9	5.9	<0.001	0.63	<0.05	0.8	1.4	<0.2	1.5	<0.01	0.02
W455300		0.02	0.14	24.1	570	47.6	5.5	<0.001	0.98	<0.05	0.8	2.9	<0.2	2.3	<0.01	0.07
W455301		0.02	0.13	34.3	590	62.6	4.4	0.001	1.65	0.09	0.7	3.8	<0.2	1.3	<0.01	0.10
W455302		0.02	0.10	42.3	580	292	7.3	0.001	1.96	0.28	0.6	8.5	<0.2	1.4	<0.01	0.07

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-07

CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.001	0.001	0.001
W455257		1.7	0.128	0.27	0.18	41	0.07	2.32	253	12.5				
W455258		1.3	0.124	0.29	0.19	39	0.11	2.27	481	13.2				
W455259		1.9	0.080	0.19	0.21	33	0.11	2.66	342	12.9				
W455260		2.0	0.163	0.27	0.20	43	0.11	3.03	944	11.1				
W455261		1.7	0.132	0.31	0.21	36	0.09	2.71	923	14.2				
W455262		2.3	0.091	0.12	0.23	24	0.18	3.20	2490	14.4				
W455263		1.4	0.019	0.15	0.18	10	0.19	2.10	>10000	15.1				1.260
W455264		1.8	0.019	0.13	0.23	9	0.13	2.59	289	12.6				
W455265		2.0	0.141	0.38	0.22	43	0.13	2.75	178	11.5				
W455266		2.2	0.135	0.32	0.27	44	0.13	3.02	107	11.1				
W455267		2.4	0.132	0.26	0.28	50	0.15	3.35	130	10.4				
W455268		2.3	0.098	0.27	0.26	45	0.13	3.22	107	11.9				
W455269		9.2	0.077	0.04	1.43	92	0.59	20.8	351	6.5				
W455270		6.6	0.081	0.03	1.11	78	0.71	15.85	761	7.4				
W455271		3.4	0.087	0.02	0.52	35	0.92	6.58	241	16.3				
W455272		7.1	0.098	0.06	1.42	66	0.78	17.40	267	4.6				
W455273		2.8	0.180	0.53	0.34	49	0.17	3.44	436	15.9				
W455274		1.6	0.165	0.55	0.25	36	0.11	2.75	192	17.5				
W455275		2.1	0.192	0.48	0.27	55	0.11	3.10	274	13.3				
W455276		2.0	0.149	0.32	0.28	49	0.15	3.20	444	12.0				
W455277		3.6	0.110	0.07	1.11	66	1.34	6.73	54	3.3				
W455278		2.1	0.164	0.31	0.28	50	0.17	3.14	281	13.1				
W455279		2.3	0.164	0.62	0.30	47	0.24	3.60	141	14.2				
W455280		2.3	0.179	0.76	0.28	48	0.32	3.49	194	15.2				
W455281		1.9	0.162	0.98	0.24	43	0.17	3.04	205	14.4				
W455282		1.9	0.050	0.44	0.26	15	0.20	3.32	291	18.9				
W455283		1.1	0.027	0.26	0.18	12	0.35	2.75	>10000	17.8			1.335	1.190
W455284		1.8	0.052	0.55	0.25	15	0.14	2.92	143	19.8				
W455285		2.0	0.160	1.05	0.26	42	0.19	3.15	129	14.1				
W455286		2.2	0.151	1.04	0.27	42	0.26	2.93	259	13.9				
W455287		2.1	0.182	1.36	0.27	44	0.17	3.14	115	13.8				
W455288		2.3	0.157	1.49	0.29	39	0.15	3.32	142	18.3				
W455289		1.6	0.102	1.03	0.24	25	0.21	2.50	288	19.1				
W455290		1.4	0.017	0.35	0.21	8	0.11	2.05	383	17.4				
W455297		0.6	0.281	0.13	0.14	148	<0.05	8.56	44	9.4				
W455298		1.7	0.098	0.48	0.26	21	0.13	2.76	4760	22.3				
W455299		2.7	0.032	0.12	0.31	7	0.14	3.61	358	20.3				
W455300		2.6	0.023	0.07	0.28	7	0.15	3.92	521	19.7				
W455301		2.6	0.033	0.07	0.29	8	0.17	3.73	2310	21.4				
W455302		2.6	0.012	0.15	0.30	4	0.15	3.76	3660	22.8				

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-07

CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	WEI-21	Au-ICP21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1
W455303		2.38			0.82	0.53	28.8	<0.02	<10	30	0.13	0.61	0.14	0.33	20.4	18.8
W455304		2.71			1.13	0.88	46.6	0.02	<10	30	0.44	1.08	0.32	7.15	17.00	20.2
W455305		2.17			0.26	0.45	14.1	<0.02	<10	30	0.20	0.36	0.14	0.64	19.80	11.4
W455306		1.37			0.53	1.02	14.7	<0.02	<10	30	0.11	0.39	0.37	0.70	16.00	14.9
W455307		2.70			1.34	2.69	2.7	<0.02	<10	50	0.37	0.15	1.04	0.50	19.20	10.8
W455308		2.45			0.42	4.14	2.3	<0.02	<10	100	0.49	0.05	1.82	0.13	27.9	10.2
W455309		2.51			0.39	4.35	2.7	<0.02	<10	100	0.50	0.05	2.04	0.13	32.0	13.6
W455310		2.46			1.29	1.72	2.7	<0.02	<10	40	0.20	0.33	0.58	1.22	20.9	11.7
W455311		2.06			1.07	1.74	1.8	<0.02	<10	40	0.18	0.31	0.36	1.67	23.0	15.7
W455312		2.28			0.68	2.18	1.1	<0.02	<10	60	0.13	0.10	0.27	0.15	26.0	13.7
W455313		1.82			2.00	1.47	1.2	<0.02	<10	30	0.19	0.13	0.36	0.66	21.6	9.3
W455314		2.15			1.85	1.45	1.5	<0.02	<10	40	0.21	0.48	0.20	0.26	19.90	13.8
W455315		2.08			1.59	2.12	1.1	<0.02	<10	70	0.21	2.14	0.45	0.58	25.0	15.1
W455316		2.21			0.86	3.01	1.4	<0.02	<10	90	0.27	0.15	0.76	0.13	23.1	17.4
W455317		2.26			0.48	2.10	1.4	<0.02	<10	30	0.20	0.13	0.81	0.15	25.1	13.2
W455318		0.04	0.633		0.53	2.74	166.5	0.30	<10	140	0.22	0.13	1.84	0.23	17.55	14.4
W455319		1.92			0.56	2.64	1.6	<0.02	<10	60	0.27	0.10	0.99	0.19	25.8	12.9
W455320		2.36			1.11	1.87	1.8	<0.02	<10	50	0.22	0.24	0.41	0.27	24.8	17.9
W455321		2.18			0.51	2.47	1.5	<0.02	<10	30	0.18	0.13	0.56	0.20	24.4	17.9
W455322		2.23			0.31	2.37	1.3	<0.02	<10	40	0.23	0.10	0.63	0.18	24.2	16.1
W455323		2.50			0.75	2.95	1.2	<0.02	<10	90	0.21	0.18	0.60	0.28	20.2	12.5
W455324		2.52			0.69	1.77	1.4	<0.02	<10	50	0.43	0.12	0.25	3.11	18.25	9.0
W455325		2.25			0.93	1.73	4.0	0.07	<10	30	0.19	0.35	0.25	2.70	22.1	15.2
W455326		1.56			2.87	1.40	21.4	<0.02	<10	20	0.19	2.08	0.24	1.07	20.2	17.9
W455327		2.26			3.00	2.78	4.0	<0.02	<10	20	0.21	1.23	0.25	3.42	22.3	35.0
W455328		2.35			1.95	2.73	28.4	0.02	<10	50	0.19	0.90	0.12	1.33	12.25	32.1
W455329		2.23			0.30	1.52	1.0	<0.02	<10	40	0.18	0.09	0.23	0.13	21.0	10.6
W455330		2.54			0.37	1.60	1.1	<0.02	<10	50	0.09	0.12	0.23	6.21	21.1	16.1
W455331		2.49			0.45	2.57	0.7	<0.02	<10	70	0.40	0.10	0.42	0.19	21.5	13.6
W455332		1.20			7.50	2.97	1.9	<0.02	<10	60	0.27	0.56	1.62	1.01	21.2	14.3
W455333		2.26			0.20	3.13	0.8	<0.02	<10	110	0.13	0.07	0.80	0.27	24.4	11.5
W455334		3.67			0.30	3.21	0.9	<0.02	<10	70	0.28	0.13	0.76	0.47	21.3	12.7
W455335		2.23			0.44	2.85	1.2	<0.02	<10	60	0.25	0.18	0.50	0.39	21.0	12.2
W455336		1.07			1.07	3.29	4.1	<0.02	<10	50	0.12	0.54	0.24	0.46	16.30	15.1
W455337		2.29			0.22	3.21	1.0	<0.02	<10	70	0.35	0.13	0.72	0.54	22.7	12.0
W455338		2.22			0.21	2.42	0.5	<0.02	<10	20	0.18	0.25	0.38	0.74	22.5	10.2
W455339		0.13			0.05	2.83	0.3	<0.02	10	130	0.07	0.02	1.77	0.05	9.23	27.5
W455340		1.21			3.01	2.22	2.4	<0.02	<10	10	0.15	4.70	0.27	2.66	22.7	24.8
W455341		2.13			0.42	3.03	1.0	<0.02	<10	70	0.24	0.29	0.60	0.72	20.7	15.9
W455342		2.56			0.73	2.65	1.0	<0.02	<10	80	0.34	0.22	0.38	0.22	19.65	17.7

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
W455303		6	0.18	137.5	2.50	1.31	<0.05	0.57	<0.01	0.005	0.21	10.3	2.4	0.25	167	0.37
W455304		10	0.28	109.0	2.75	2.16	<0.05	0.44	0.13	0.019	0.24	8.6	3.8	0.35	189	1.28
W455305		6	0.19	15.3	1.06	1.11	<0.05	0.43	0.02	0.005	0.21	10.1	1.8	0.15	78	1.11
W455306		10	0.35	23.9	1.69	2.11	<0.05	0.44	0.02	0.005	0.28	8.0	4.6	0.37	160	0.40
W455307		13	1.17	54.7	2.42	6.50	0.05	0.31	0.02	0.009	0.77	9.9	10.8	1.26	559	0.20
W455308		17	1.59	25.1	2.18	9.51	0.06	0.22	<0.01	0.014	1.14	14.7	11.4	1.41	696	0.42
W455309		17	1.49	38.5	2.50	9.74	0.07	0.24	<0.01	0.010	1.19	17.0	12.7	1.57	824	0.11
W455310		18	0.66	108.0	2.66	4.63	0.06	0.37	0.02	0.011	0.43	11.0	13.4	1.03	448	0.28
W455311		17	0.81	79.9	3.24	4.18	0.06	0.43	0.01	0.012	0.64	11.8	9.6	0.99	406	0.31
W455312		21	1.17	87.5	3.60	5.33	0.06	0.53	0.02	0.008	1.01	13.2	13.6	1.35	446	0.14
W455313		16	0.38	67.3	2.45	3.99	<0.05	0.39	0.02	0.007	0.22	11.0	14.1	1.04	435	0.16
W455314		15	0.58	292	4.15	3.75	0.05	0.45	0.01	0.005	0.43	9.9	8.9	0.85	371	0.31
W455315		19	0.99	69.2	3.11	5.46	0.06	0.37	0.01	0.010	0.82	12.7	11.9	1.05	395	0.27
W455316		24	1.24	51.6	4.21	7.64	0.06	0.30	0.02	0.011	1.08	11.7	15.2	1.44	510	0.23
W455317		23	0.29	35.5	3.25	6.38	<0.05	0.33	0.01	0.006	0.19	12.6	12.0	1.29	525	0.21
W455318		106	0.79	287	2.93	5.93	0.06	0.14	0.03	0.019	0.21	8.7	9.3	1.42	456	6.52
W455319		21	0.69	23.1	2.47	6.39	0.05	0.35	<0.01	0.012	0.55	12.9	11.7	1.09	453	0.39
W455320		18	0.64	52.5	3.57	5.04	0.05	0.49	0.02	0.006	0.50	12.5	11.4	1.02	407	1.08
W455321		27	0.48	39.8	4.23	8.37	<0.05	0.32	0.01	0.010	0.16	12.3	16.4	1.75	709	0.26
W455322		25	0.53	39.3	3.22	7.22	<0.05	0.33	0.01	0.007	0.21	12.1	16.4	1.52	623	0.40
W455323		28	1.22	88.7	4.35	9.32	0.05	0.33	<0.01	0.012	0.77	10.3	22.9	2.22	792	0.30
W455324		20	0.90	75.6	2.59	4.64	<0.05	0.39	<0.01	0.011	0.67	9.4	15.7	1.20	434	0.46
W455325		17	0.53	129.0	3.16	4.71	<0.05	0.36	0.01	0.010	0.28	11.9	14.4	1.23	588	0.24
W455326		15	0.44	251	4.43	4.16	0.06	0.37	0.01	0.005	0.25	10.6	11.0	0.78	542	0.88
W455327		28	0.73	327	8.39	8.99	0.09	0.34	0.04	0.013	0.31	12.1	25.4	2.19	987	0.81
W455328		23	1.21	282	10.15	8.07	0.07	0.32	0.01	0.018	0.86	5.9	20.9	2.08	788	0.69
W455329		17	0.59	34.9	2.10	4.21	<0.05	0.42	<0.01	0.006	0.54	11.0	12.9	1.05	402	0.61
W455330		17	0.75	55.0	2.03	3.97	<0.05	0.45	0.02	0.021	0.81	11.2	14.0	1.05	400	1.37
W455331		25	1.21	28.1	3.07	6.75	0.05	0.30	<0.01	0.010	0.92	11.4	22.5	1.70	720	0.69
W455332		28	1.12	163.5	6.21	8.43	0.07	0.27	0.01	0.020	0.70	11.4	26.0	2.09	958	1.37
W455333		30	1.15	15.4	3.16	8.83	<0.05	0.25	0.01	0.016	1.03	12.6	23.6	2.01	791	0.82
W455334		28	1.00	21.5	3.07	7.91	0.05	0.31	0.01	0.012	0.95	11.2	23.9	1.80	832	0.41
W455335		28	0.97	33.0	3.27	7.70	<0.05	0.29	0.01	0.013	0.78	11.0	26.3	1.93	799	0.42
W455336		28	1.21	67.3	5.49	8.77	0.06	0.36	0.01	0.015	0.76	8.2	34.4	2.67	840	0.58
W455337		33	1.19	21.9	3.42	9.23	0.05	0.26	0.01	0.014	0.82	11.8	29.7	2.20	1020	0.54
W455338		28	0.47	31.3	3.47	7.16	<0.05	0.28	0.01	0.010	0.26	11.7	22.8	1.94	914	1.46
W455339		11	2.17	159.0	4.22	7.24	0.05	0.26	0.01	0.019	0.17	3.6	21.9	1.53	439	0.20
W455340		29	0.42	105.0	4.64	7.23	0.05	0.26	0.02	0.011	0.19	12.2	18.8	1.79	989	5.21
W455341		30	1.10	37.8	3.99	9.29	0.05	0.27	0.01	0.012	0.76	11.0	26.9	2.08	969	0.28
W455342		26	1.14	82.7	3.72	7.05	0.05	0.31	0.01	0.011	1.03	10.5	28.0	1.67	759	1.13

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-07

CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
W455303		0.02	0.06	37.8	590	23.5	6.7	<0.001	2.44	0.20	0.5	3.1	<0.2	1.1	<0.01	0.01
W455304		0.04	0.09	45.9	480	56.9	8.7	<0.001	2.74	0.47	1.0	4.2	<0.2	4.2	<0.01	0.02
W455305		0.02	0.07	23.0	390	31.2	6.3	<0.001	1.01	0.11	0.6	1.0	<0.2	1.4	<0.01	<0.01
W455306		0.05	0.06	32.8	310	43.7	11.0	<0.001	1.27	0.10	0.9	2.6	0.2	4.9	<0.01	<0.01
W455307		0.14	0.08	19.1	430	65.6	39.3	0.001	0.72	0.05	3.1	3.9	0.2	12.7	<0.01	0.02
W455308		0.24	0.07	17.9	440	59.7	53.7	0.002	0.26	<0.05	4.9	0.7	0.3	21.0	<0.01	<0.01
W455309		0.23	0.10	22.9	530	43.9	49.5	0.001	0.29	<0.05	4.4	0.6	0.3	21.0	<0.01	<0.01
W455310		0.06	0.10	23.8	530	117.0	16.7	0.001	1.02	0.09	2.3	7.5	0.2	6.9	<0.01	0.08
W455311		0.06	0.09	26.5	560	73.4	26.7	0.001	1.32	0.06	1.8	7.3	0.2	6.0	<0.01	0.07
W455312		0.05	0.15	26.8	590	37.2	41.8	<0.001	0.90	<0.05	2.1	3.6	0.3	3.9	<0.01	0.05
W455313		0.02	0.13	22.1	580	48.5	7.4	0.001	0.53	<0.05	1.4	2.2	0.2	2.6	<0.01	0.02
W455314		0.03	0.10	29.9	550	70.9	16.0	<0.001	2.11	0.05	1.7	6.8	0.2	2.9	<0.01	0.05
W455315		0.10	0.17	26.2	580	102.5	32.1	0.001	0.81	0.06	2.3	6.8	0.3	8.7	<0.01	0.03
W455316		0.15	0.18	31.2	560	54.3	43.1	0.001	1.27	<0.05	3.6	1.8	0.4	13.3	<0.01	0.04
W455317		0.04	0.14	28.7	610	68.1	5.8	<0.001	0.76	<0.05	2.4	1.2	0.3	4.9	<0.01	0.03
W455318		0.31	0.24	112.0	340	14.2	9.4	0.005	0.12	1.73	3.3	0.3	1.3	84.7	<0.01	0.01
W455319		0.19	0.12	25.0	600	57.3	21.0	0.002	0.59	<0.05	2.4	0.5	0.2	17.4	<0.01	0.02
W455320		0.08	0.12	30.7	590	32.0	18.6	<0.001	1.48	<0.05	1.9	1.9	0.2	7.0	<0.01	0.04
W455321		0.06	0.14	37.7	560	46.3	5.6	0.001	0.92	<0.05	2.8	0.7	0.3	6.0	<0.01	0.03
W455322		0.09	0.15	26.7	610	57.0	7.6	0.002	0.54	<0.05	2.7	1.0	0.3	9.6	<0.01	0.03
W455323		0.07	0.15	24.7	530	71.4	27.3	0.001	0.71	<0.05	4.8	2.7	0.5	6.9	<0.01	0.02
W455324		0.01	0.05	23.1	620	57.5	26.4	<0.001	0.51	0.05	2.4	2.4	0.3	3.4	<0.01	0.02
W455325		0.01	0.05	32.1	620	73.7	10.2	<0.001	0.92	0.05	1.5	4.1	0.2	2.2	<0.01	0.05
W455326		0.01	0.09	32.4	530	225	8.6	<0.001	2.76	0.10	1.3	9.7	0.2	3.3	<0.01	0.50
W455327		<0.01	0.13	34.7	430	151.0	12.8	<0.001	4.76	0.10	4.0	16.7	0.3	2.4	<0.01	0.27
W455328		0.01	0.07	41.5	370	65.3	33.6	<0.001	5.47	0.14	4.1	11.2	0.4	2.5	<0.01	0.11
W455329		0.02	0.05	27.7	600	47.3	20.8	<0.001	0.32	0.06	1.8	2.1	0.2	2.8	<0.01	0.01
W455330		0.03	<0.05	29.8	590	66.6	31.5	<0.001	0.32	0.05	2.0	2.4	0.3	3.5	<0.01	0.01
W455331		0.07	0.07	28.1	600	43.4	36.4	<0.001	0.37	<0.05	2.8	1.3	0.4	9.4	<0.01	0.01
W455332		0.08	0.07	55.4	540	65.9	27.7	<0.001	2.87	0.08	4.1	7.9	0.5	13.4	<0.01	0.06
W455333		0.09	0.08	30.0	590	65.4	38.3	<0.001	0.18	<0.05	4.3	0.9	0.5	13.0	<0.01	<0.01
W455334		0.15	0.06	28.3	600	70.2	35.0	<0.001	0.33	<0.05	3.2	2.1	0.4	19.4	<0.01	0.01
W455335		0.08	0.05	30.3	610	61.7	29.1	<0.001	0.35	<0.05	3.5	2.4	0.3	11.8	<0.01	0.01
W455336		0.01	0.06	32.4	640	35.3	29.1	<0.001	1.16	0.05	4.0	6.0	0.4	3.3	<0.01	0.02
W455337		0.09	0.09	31.0	600	95.1	30.6	<0.001	0.20	<0.05	4.5	1.4	0.6	14.6	<0.01	0.01
W455338		0.02	0.11	26.8	590	52.5	10.4	<0.001	0.32	<0.05	2.7	2.0	0.4	4.3	<0.01	0.02
W455339		0.38	0.16	84.2	330	0.9	9.9	0.001	0.02	<0.05	2.5	0.3	0.4	51.0	<0.01	<0.01
W455340		<0.01	0.10	22.7	400	112.0	7.0	0.010	1.70	<0.05	3.4	7.9	0.3	4.3	<0.01	0.41
W455341		0.07	0.09	28.0	540	91.5	28.0	<0.001	0.45	<0.05	4.6	2.9	0.6	10.3	<0.01	0.03
W455342		0.07	0.08	32.7	580	35.6	40.2	<0.001	0.66	0.06	3.1	2.0	0.4	10.2	<0.01	0.04

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-07

CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.001	0.001	0.001
W455303		2.1	0.008	0.14	0.29	4	0.09	3.08	223	24.2				
W455304		2.1	0.013	0.18	0.26	7	0.12	2.80	2180	21.3				
W455305		2.0	0.006	0.12	0.26	4	0.09	2.40	172	19.2				
W455306		1.6	0.021	0.21	0.24	8	0.11	2.41	311	20.8				
W455307		1.8	0.090	0.62	0.19	27	0.08	2.69	391	14.2				
W455308		2.4	0.133	0.77	0.22	40	0.08	3.58	114	10.8				
W455309		2.7	0.149	0.65	0.24	42	0.07	3.89	93	11.7				
W455310		2.3	0.085	0.16	0.28	19	0.14	3.87	646	16.0				
W455311		2.5	0.096	0.25	0.34	19	0.11	3.70	440	20.6				
W455312		2.7	0.135	0.37	0.38	25	0.09	3.61	224	24.4				
W455313		2.9	0.093	0.07	0.33	16	0.15	4.56	326	17.7				
W455314		2.5	0.067	0.16	0.35	16	0.11	3.64	527	19.0				
W455315		2.4	0.117	0.31	0.35	24	0.11	3.65	277	16.8				
W455316		2.2	0.139	0.38	0.34	33	0.10	3.83	147	14.9				
W455317		2.9	0.091	0.06	0.38	25	0.19	4.50	154	15.4				
W455318		3.5	0.113	0.07	1.12	66	1.19	7.01	53	3.3				
W455319		2.6	0.105	0.22	0.36	25	0.13	4.15	113	15.9				
W455320		2.7	0.090	0.17	0.38	20	0.13	4.33	201	21.5				
W455321		2.6	0.106	0.04	0.35	34	0.13	4.45	210	14.9				
W455322		2.9	0.124	0.07	0.37	28	0.18	4.80	180	15.1				
W455323		2.2	0.153	0.25	0.29	41	0.15	3.70	430	13.8				
W455324		1.9	0.107	0.24	0.27	23	0.11	3.87	387	18.1				
W455325		2.5	0.075	0.11	0.29	18	0.10	4.72	1220	17.1				
W455326		2.4	0.066	0.07	0.28	15	0.13	4.26	1260	17.1				
W455327		2.0	0.112	0.17	0.27	36	0.14	3.50	5780	14.2				
W455328		1.3	0.096	0.30	0.22	33	0.06	2.68	768	16.1				
W455329		2.4	0.100	0.18	0.32	19	0.10	4.41	314	20.5				
W455330		2.3	0.107	0.29	0.31	21	0.11	3.88	610	21.4				
W455331		2.4	0.152	0.31	0.28	30	0.12	4.16	237	15.2				
W455332		1.8	0.138	0.27	0.24	38	0.16	3.86	490	12.8				
W455333		2.5	0.190	0.29	0.31	40	0.09	4.25	251	12.9				
W455334		2.2	0.142	0.29	0.28	34	0.09	3.93	226	15.4				
W455335		2.3	0.142	0.24	0.28	35	0.08	3.91	340	13.7				
W455336		2.4	0.130	0.27	0.29	38	0.10	4.68	1240	17.1				
W455337		2.4	0.187	0.25	0.30	43	0.13	4.48	333	12.5				
W455338		2.8	0.153	0.08	0.31	29	0.13	5.23	461	14.0				
W455339		0.6	0.289	0.16	0.14	153	<0.05	10.00	45	10.1				
W455340		2.3	0.104	0.06	0.27	30	0.14	4.37	1230	11.5				
W455341		2.4	0.169	0.23	0.28	42	0.16	3.96	287	12.9				
W455342		2.2	0.150	0.32	0.27	33	0.13	3.67	298	15.8				

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CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	WEI-21	Au-ICP21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1
W455343		1.27			1.33	2.48	5.4	0.02	<10	60	0.49	0.65	0.43	0.66	18.10	44.4
W455344		2.51			0.28	3.45	1.1	<0.02	<10	140	0.26	0.08	0.57	0.37	23.6	19.7
W455345		2.48			0.59	3.51	1.2	<0.02	<10	110	0.28	0.66	0.49	0.68	23.9	18.7
W455346		2.13			0.05	2.12	0.4	<0.02	<10	20	0.20	0.08	0.72	0.07	31.8	10.5
W455347		1.12			0.03	2.36	0.4	<0.02	<10	40	0.35	0.02	0.51	0.11	22.6	11.7
W455348		2.33			0.05	3.26	0.6	<0.02	<10	120	0.31	0.04	0.57	0.18	24.5	15.7
W455349		2.20			0.43	2.11	1.0	<0.02	<10	70	0.16	0.12	0.29	0.19	23.3	22.0
W455350		2.29			0.27	1.95	0.9	<0.02	<10	80	0.15	0.05	0.48	0.28	26.0	14.2
W455351		2.31			0.52	1.35	1.2	<0.02	<10	30	0.12	0.10	0.30	0.15	23.2	10.1
W455352		2.24			0.35	2.03	1.5	<0.02	<10	60	0.38	0.07	0.57	0.13	24.7	14.0
W455353		2.32			0.84	2.01	2.1	<0.02	<10	50	0.49	0.26	0.46	0.16	21.8	13.5
W455354		2.23			0.72	2.04	5.6	<0.02	<10	50	0.25	0.30	0.33	0.12	21.7	22.8
W455355		2.22			0.45	1.86	2.2	<0.02	<10	50	0.26	0.11	0.40	0.09	25.7	17.0
W455356		2.32			1.33	1.80	10.4	<0.02	<10	50	0.35	0.49	0.82	0.14	22.8	21.3
W455357		2.79			3.07	3.17	7.6	<0.02	<10	60	0.21	0.63	0.81	97.7	23.4	25.1
W455358		2.77			0.40	1.48	23.3	<0.02	<10	50	0.27	1.25	0.20	0.21	17.55	18.2
W455359		0.04	0.548		0.65	2.83	183.0	0.44	<10	130	0.23	0.12	1.90	0.26	18.70	15.4
W455360		2.16			0.36	0.93	31.6	<0.02	<10	30	0.15	1.39	0.18	0.16	15.85	18.0
W455361		2.44			0.59	1.83	17.8	<0.02	<10	60	0.06	1.41	0.18	0.09	16.35	14.6
W455362		2.18			0.83	2.90	9.2	<0.02	<10	90	0.37	0.94	0.32	10.25	19.55	15.5
W455363		2.18			0.20	1.65	6.3	<0.02	<10	60	0.17	0.41	0.24	0.32	18.80	9.3
W455364		1.62			0.19	1.94	10.1	<0.02	<10	70	0.11	0.58	0.24	0.17	16.00	15.9
W455365		1.38			0.36	2.01	1.2	<0.02	<10	40	0.13	0.05	1.24	0.14	15.85	26.9
W455366		2.30			0.36	2.06	21.4	<0.02	<10	70	0.70	0.79	0.21	0.17	12.10	20.3
W455367		2.19			0.40	2.06	14.5	<0.02	<10	70	0.15	0.80	0.23	0.15	14.05	14.9
W455368		2.26			0.18	1.79	6.8	<0.02	<10	60	0.18	0.31	0.23	0.11	15.85	14.3
W455369		2.13			0.25	2.16	2.7	<0.02	<10	100	0.13	0.20	0.33	1.24	17.55	11.8
W455370		1.86			0.74	1.99	0.4	<0.02	<10	40	0.14	0.53	0.24	1.32	18.80	9.3
W455371		2.23			5.56	1.51	1.1	0.02	<10	20	0.15	1.41	0.69	15.65	20.5	24.7
W455372		2.21			0.72	1.80	0.7	0.02	<10	40	0.20	0.62	0.27	1.01	15.40	12.3
W455373		2.35			0.91	1.58	0.4	<0.02	<10	20	0.15	0.36	0.26	6.36	16.50	7.5
W455374		2.16			0.61	1.91	1.1	<0.02	<10	20	0.15	0.42	0.28	8.19	18.00	16.4
W455375		1.97			0.12	1.84	0.4	<0.02	<10	20	0.12	0.13	0.24	0.08	16.65	14.9
W455376		1.93			0.05	2.55	0.8	<0.02	<10	20	0.19	0.18	0.26	0.05	15.90	23.6
W455377		0.97			0.01	2.23	0.3	<0.02	<10	30	0.17	0.05	0.30	0.02	15.40	9.8
W455378		1.19			0.14	2.72	0.4	<0.02	<10	30	0.39	0.05	1.20	0.01	22.0	47.6
W455379		2.36			0.12	2.33	0.1	<0.02	<10	50	0.09	0.01	1.27	0.02	22.2	26.8
W455291		1.85			2.32	0.66	14.3	0.02	<10	20	0.18	2.34	0.11	22.3	14.25	12.4
W455292		2.21			2.18	0.53	18.4	0.04	<10	20	0.09	0.82	0.11	2.14	11.80	5.5
W455293		1.62	7.38	8.01	>100	0.74	47.9	6.46	<10	<10	0.05	374	0.02	278	1.21	63.5

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-07

CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
W455343		24	1.10	138.5	6.18	6.52	0.05	0.32	0.01	0.010	0.84	9.5	34.9	1.50	676	4.33
W455344		30	1.40	38.7	3.95	9.31	0.05	0.31	<0.01	0.020	1.68	12.4	28.3	1.98	718	3.18
W455345		31	1.50	75.6	4.67	8.42	0.07	0.31	0.01	0.011	1.49	12.9	33.8	2.19	789	0.77
W455346		32	0.26	10.6	3.05	8.26	<0.05	0.35	<0.01	0.007	0.19	16.9	25.7	1.72	745	0.62
W455347		29	0.80	3.9	2.98	7.26	<0.05	0.32	<0.01	0.007	0.48	11.8	27.5	1.83	819	0.27
W455348		32	1.49	19.2	3.70	9.36	0.05	0.29	0.01	0.013	1.25	12.8	38.6	2.26	794	0.68
W455349		29	1.22	55.7	3.84	6.84	<0.05	0.50	<0.01	0.009	1.09	12.2	17.9	1.21	465	0.19
W455350		30	0.94	40.5	2.38	6.30	<0.05	0.47	0.01	0.010	0.90	13.6	14.1	0.96	420	0.78
W455351		20	0.42	64.9	2.83	4.29	<0.05	0.46	<0.01	0.006	0.38	11.9	11.7	0.75	357	0.59
W455352		24	0.88	30.9	2.46	5.70	<0.05	0.42	0.01	0.006	0.73	12.9	14.2	1.09	451	0.52
W455353		25	0.96	86.0	3.90	5.95	0.05	0.38	0.01	0.010	0.68	11.3	17.2	1.24	543	0.47
W455354		24	0.98	44.4	4.05	6.12	<0.05	0.45	0.01	0.008	0.69	11.3	20.8	1.50	602	0.33
W455355		24	0.92	23.4	2.52	5.88	<0.05	0.40	<0.01	0.009	0.71	13.4	17.3	1.30	561	0.43
W455356		24	1.00	54.5	3.26	5.94	<0.05	0.43	<0.01	0.008	0.51	12.1	19.2	1.35	589	0.94
W455357		30	1.33	648	5.47	10.60	0.09	0.35	0.39	0.183	0.82	12.9	39.3	2.87	1120	1.19
W455358		19	0.92	26.5	3.88	4.42	<0.05	0.47	0.06	0.006	0.65	9.0	14.4	1.04	347	1.20
W455359		112	0.75	296	3.01	6.12	0.07	0.14	0.04	0.021	0.22	9.6	9.8	1.46	477	6.69
W455360		13	0.50	20.1	2.83	2.83	<0.05	0.40	0.01	0.006	0.32	8.1	9.5	0.65	221	0.63
W455361		19	1.09	48.7	3.63	5.76	<0.05	0.44	<0.01	0.010	0.92	8.4	17.2	1.54	443	0.55
W455362		26	1.84	102.0	4.10	8.44	0.05	0.30	0.04	0.028	1.23	10.9	34.3	2.45	823	0.46
W455363		20	1.06	9.0	1.97	4.93	<0.05	0.39	<0.01	0.008	0.59	9.6	16.8	1.22	463	0.63
W455364		23	1.38	9.3	2.82	5.95	<0.05	0.37	<0.01	0.008	0.80	8.1	19.4	1.50	478	0.38
W455365		15	1.10	83.5	4.01	7.29	0.07	0.37	<0.01	0.007	0.18	7.5	6.4	0.90	441	0.38
W455366		23	1.62	38.0	4.43	6.25	<0.05	0.38	<0.01	0.010	0.84	5.7	25.6	1.52	485	0.32
W455367		24	1.30	60.0	4.03	6.66	<0.05	0.40	<0.01	0.009	0.72	7.3	20.9	1.60	561	0.96
W455368		21	0.96	27.0	3.00	5.60	<0.05	0.40	<0.01	0.008	0.55	8.2	18.5	1.41	478	0.22
W455369		28	1.20	28.7	3.21	7.30	<0.05	0.37	0.01	0.010	0.94	9.1	20.7	1.60	632	0.61
W455370		20	1.53	184.5	3.15	6.26	<0.05	0.26	0.01	0.023	0.42	9.9	30.7	1.19	479	0.18
W455371		21	0.82	1770	4.62	5.73	0.07	0.27	0.09	0.062	0.14	11.2	21.2	1.28	470	2.86
W455372		23	1.41	135.5	2.96	6.64	<0.05	0.33	<0.01	0.014	0.35	7.8	27.3	1.22	438	0.44
W455373		25	0.88	335	2.62	6.45	<0.05	0.34	0.02	0.034	0.21	8.5	24.6	1.18	370	0.51
W455374		28	0.73	209	3.70	8.44	0.06	0.32	0.04	0.040	0.18	9.0	27.3	1.65	509	0.38
W455375		25	1.09	22.9	3.09	7.29	<0.05	0.33	<0.01	<0.005	0.24	8.6	29.5	1.41	412	0.58
W455376		29	1.45	5.1	4.28	9.26	<0.05	0.34	<0.01	0.006	0.25	8.1	38.4	2.17	564	1.00
W455377		27	3.02	3.1	3.17	7.22	<0.05	0.30	<0.01	<0.005	0.29	7.7	39.2	1.78	423	0.29
W455378		31	1.27	62.3	5.91	10.55	0.13	0.60	<0.01	0.019	0.11	10.3	14.4	2.04	629	0.41
W455379		12	0.94	81.2	4.77	8.07	0.10	0.30	<0.01	0.008	0.18	10.9	5.4	1.03	415	0.43
W455291		6	0.21	505	1.31	1.60	<0.05	0.34	0.57	0.039	0.20	7.1	3.1	0.33	323	0.18
W455292		7	0.14	365	1.21	1.38	<0.05	0.32	0.05	0.006	0.16	5.5	1.7	0.25	187	0.35
W455293		5	0.16	>10000	7.03	3.34	0.52	0.05	7.49	0.229	0.10	0.6	3.2	0.47	638	0.13

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TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-07

CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
W455343		0.07	0.11	37.5	550	24.5	32.4	<0.001	3.28	0.08	2.8	3.6	0.3	12.9	<0.01	0.27
W455344		0.14	0.11	33.0	610	31.8	61.2	<0.001	0.31	0.05	5.3	1.1	0.6	18.6	<0.01	0.02
W455345		0.10	0.14	37.6	600	71.1	55.2	<0.001	0.51	0.06	5.0	3.9	0.6	14.9	<0.01	0.02
W455346		0.01	0.13	28.8	620	5.3	7.8	<0.001	0.07	<0.05	3.4	0.8	0.4	5.0	<0.01	<0.01
W455347		0.03	0.09	28.9	650	10.8	19.1	<0.001	0.03	<0.05	3.5	0.4	0.4	7.9	<0.01	<0.01
W455348		0.07	0.07	36.0	620	27.6	45.5	<0.001	0.08	<0.05	5.6	0.4	0.6	12.5	<0.01	<0.01
W455349		0.08	0.22	41.2	620	17.7	44.9	<0.001	1.02	0.06	3.8	1.1	0.4	6.8	<0.01	<0.01
W455350		0.12	0.16	32.1	620	23.8	36.6	<0.001	0.28	0.05	3.9	1.0	0.4	11.7	<0.01	<0.01
W455351		0.04	0.14	35.3	610	18.4	14.8	<0.001	0.99	0.13	1.9	1.0	0.2	4.6	<0.01	<0.01
W455352		0.12	0.08	28.0	620	28.0	29.2	<0.001	0.54	0.06	2.5	0.9	0.3	13.8	<0.01	<0.01
W455353		0.08	0.07	36.0	590	32.5	28.4	<0.001	1.49	0.07	3.0	2.6	0.3	11.1	<0.01	0.02
W455354		0.03	0.07	31.6	610	23.7	26.7	<0.001	1.56	0.06	2.7	0.9	0.3	4.8	<0.01	0.01
W455355		0.06	0.06	34.7	640	26.3	27.1	<0.001	0.49	0.06	2.7	0.7	0.3	8.0	<0.01	<0.01
W455356		0.03	0.08	38.2	600	36.8	19.7	<0.001	1.18	0.48	2.7	1.1	0.4	5.9	<0.01	0.01
W455357		0.05	0.08	35.6	430	32.2	33.5	<0.001	3.27	0.33	5.2	14.5	0.6	12.4	<0.01	0.02
W455358		0.03	<0.05	33.6	560	16.2	24.5	<0.001	2.88	0.65	2.0	1.6	0.2	5.1	<0.01	0.01
W455359		0.31	0.18	118.0	360	14.1	9.8	0.004	0.11	1.74	3.3	0.5	1.5	89.7	<0.01	0.03
W455360		0.01	<0.05	34.0	590	13.0	11.5	<0.001	2.29	0.58	1.1	1.0	<0.2	3.5	<0.01	0.01
W455361		0.03	0.05	30.8	540	22.5	35.5	<0.001	2.17	0.36	2.4	1.9	0.3	3.1	<0.01	0.01
W455362		0.05	0.05	31.0	480	24.9	47.7	<0.001	1.46	0.07	4.0	3.0	0.4	9.4	<0.01	0.02
W455363		0.03	<0.05	25.6	590	17.9	21.8	<0.001	0.42	0.14	2.0	0.8	0.2	6.2	<0.01	<0.01
W455364		0.04	<0.05	31.1	590	19.6	30.1	<0.001	0.77	0.16	2.9	1.5	0.3	5.9	<0.01	0.01
W455365		0.17	0.35	26.0	460	6.3	9.0	0.001	0.41	0.10	3.0	0.5	0.2	27.5	<0.01	0.02
W455366		0.03	0.05	39.5	530	25.3	33.2	<0.001	2.64	0.10	3.0	3.4	0.3	10.9	<0.01	0.01
W455367		0.04	0.06	34.5	520	41.6	27.3	<0.001	1.98	0.07	3.6	4.6	0.3	7.1	<0.01	0.01
W455368		0.02	0.05	37.8	560	31.1	20.7	<0.001	0.97	<0.05	2.5	2.0	0.3	4.5	<0.01	0.01
W455369		0.05	0.08	32.0	550	33.3	34.5	<0.001	0.71	<0.05	4.3	1.7	0.4	7.4	<0.01	0.01
W455370		0.01	0.10	25.6	560	9.3	12.7	<0.001	0.46	<0.05	2.3	1.2	0.3	4.1	<0.01	0.05
W455371		0.02	0.08	30.4	470	161.5	5.0	0.001	3.20	0.06	3.0	14.4	0.4	17.8	<0.01	0.21
W455372		0.01	0.10	27.4	550	29.2	10.5	<0.001	0.80	<0.05	3.4	2.7	0.4	4.1	<0.01	0.07
W455373		0.01	0.09	24.2	560	69.8	6.2	<0.001	0.68	<0.05	3.2	3.4	0.3	3.7	<0.01	0.08
W455374		0.02	0.08	28.8	520	77.5	5.9	<0.001	1.21	<0.05	4.1	10.1	0.4	4.2	<0.01	0.09
W455375		0.01	0.07	27.2	540	5.2	7.3	<0.001	0.51	<0.05	3.7	1.5	0.4	3.7	<0.01	0.04
W455376		0.02	0.07	42.5	520	4.7	8.0	<0.001	0.63	<0.05	4.4	2.1	0.5	4.3	<0.01	0.04
W455377		0.01	0.08	26.3	540	1.2	10.2	<0.001	0.12	<0.05	4.1	0.7	0.4	7.0	<0.01	0.01
W455378		0.18	0.18	38.0	570	3.7	4.7	0.002	1.08	0.07	12.1	1.1	0.5	27.9	<0.01	0.01
W455379		0.27	0.13	24.0	600	1.9	7.2	0.002	0.16	<0.05	3.7	0.5	0.4	38.3	<0.01	0.01
W455291		0.01	<0.05	12.1	420	18.3	6.9	<0.001	1.09	0.05	0.6	7.8	<0.2	2.0	<0.01	0.05
W455292		0.01	<0.05	11.0	390	27.6	5.1	<0.001	0.90	0.05	0.5	3.8	<0.2	1.6	<0.01	0.03
W455293		<0.01	<0.05	30.8	40	1965	5.2	<0.001	6.52	0.75	0.6	210	1.1	0.4	<0.01	2.63

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.001	0.001	0.001
W455343		1.6	0.118	0.24	0.25	30	0.18	3.63	457	15.0				
W455344		2.3	0.192	0.44	0.30	44	0.11	3.88	238	15.8				
W455345		2.3	0.197	0.41	0.32	44	0.13	4.26	191	15.8				
W455346		3.1	0.164	0.04	0.35	34	0.32	5.73	61	16.8				
W455347		3.0	0.186	0.12	0.33	34	0.20	5.08	113	15.1				
W455348		2.4	0.189	0.33	0.31	46	0.15	4.16	176	15.0				
W455349		2.4	0.162	0.38	0.36	39	0.07	4.47	144	23.8				
W455350		2.6	0.143	0.32	0.35	37	0.07	4.27	226	22.2				
W455351		2.6	0.098	0.14	0.34	21	0.11	4.46	112	21.1				
W455352		2.8	0.123	0.27	0.35	27	0.16	4.84	160	20.2				
W455353		2.5	0.115	0.24	0.31	29	0.18	4.35	272	18.7				
W455354		2.8	0.148	0.25	0.35	30	0.14	4.81	218	21.1				
W455355		3.0	0.127	0.25	0.35	30	0.15	5.00	135	18.9				
W455356		2.8	0.128	0.22	0.34	29	0.21	5.56	251	20.6				
W455357		2.1	0.147	0.44	0.27	40	0.14	3.69	>10000	16.8				2.58
W455358		2.2	0.081	0.59	0.29	21	0.11	4.17	209	22.6				
W455359		3.4	0.113	0.07	1.15	69	1.81	7.79	57	3.4				
W455360		2.3	0.042	0.17	0.29	12	0.09	4.47	178	19.6				
W455361		2.1	0.105	0.34	0.29	24	0.10	4.60	335	21.2				
W455362		1.7	0.116	0.41	0.25	33	0.07	3.75	2270	15.0				
W455363		2.3	0.093	0.20	0.29	22	0.11	4.72	257	19.4				
W455364		2.3	0.126	0.26	0.29	29	0.10	4.65	250	18.5				
W455365		1.1	0.423	0.12	0.16	120	0.10	9.30	75	18.6				
W455366		1.7	0.104	0.27	0.25	28	0.09	3.88	233	18.6				
W455367		2.0	0.119	0.22	0.28	31	0.12	4.07	293	19.4				
W455368		2.4	0.119	0.17	0.30	26	0.11	4.62	229	18.6				
W455369		2.1	0.153	0.28	0.29	37	0.09	4.08	409	18.0				
W455370		2.9	0.079	0.07	0.32	24	0.37	4.72	573	12.2				
W455371		2.1	0.060	0.05	0.25	26	0.30	3.25	3950	11.6				
W455372		2.9	0.094	0.07	0.30	28	0.46	4.72	431	15.6				
W455373		2.8	0.081	0.05	0.29	28	0.37	4.64	2510	16.5				
W455374		2.5	0.092	0.04	0.29	36	0.28	4.49	3320	15.2				
W455375		2.8	0.082	0.04	0.31	31	0.34	4.47	54	15.4				
W455376		2.8	0.105	0.04	0.33	38	0.31	5.17	41	15.0				
W455377		2.9	0.107	0.05	0.33	34	0.36	5.34	31	12.9				
W455378		1.6	0.407	0.04	0.22	197	0.73	13.40	45	21.9				
W455379		1.7	0.301	0.07	0.22	160	0.06	10.45	44	9.7				
W455291		1.4	0.007	0.24	0.18	5	0.08	2.21	5160	16.8		0.054		
W455292		1.4	0.005	0.15	0.17	4	0.07	2.04	620	15.4		0.037		
W455293		<0.2	<0.005	0.26	<0.05	5	<0.05	0.26	>10000	1.9	367	3.20		8.35

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-07

CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	WEI-21	Au-ICP21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1
W455294		2.29	0.236		15.10	0.40	28.4	0.20	<10	20	0.10	26.9	0.09	31.6	12.50	17.8
W455295		2.41			9.47	0.62	32.3	0.04	<10	20	0.23	10.90	0.10	33.3	12.75	23.4
W455296		2.34			11.95	1.35	10.6	0.03	<10	20	0.15	19.45	0.13	43.7	14.30	25.2

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Project: MAR18-07

CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
W455294		8	0.11	895	1.90	1.28	0.07	0.30	0.56	0.058	0.14	5.7	1.3	0.15	141	0.19
W455295		8	0.28	390	2.48	1.65	0.05	0.41	0.24	0.044	0.22	5.9	2.3	0.30	194	0.65
W455296		13	0.58	838	3.57	3.85	0.11	0.49	0.48	0.034	0.35	7.6	6.1	0.91	548	0.32

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CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
W455294		<0.01	<0.05	10.8	360	280	4.0	<0.001	2.13	0.10	0.5	21.8	<0.2	0.9	<0.01	0.26
W455295		<0.01	<0.05	23.0	410	303	7.7	<0.001	2.28	0.13	0.8	13.9	0.2	1.1	<0.01	0.11
W455296		<0.01	<0.05	35.8	470	554	16.3	<0.001	2.38	0.05	1.6	34.4	0.3	1.0	<0.01	0.20

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Project: MAR18-07

CERTIFICATE OF ANALYSIS TB18059942

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.001	0.001	0.001
W455294		1.2	0.005	0.10	0.16	3	0.18	1.91	8740	13.8		0.094		
W455295		1.3	0.012	0.16	0.19	6	0.13	2.11	4790	19.0		0.038		
W455296		1.4	0.044	0.31	0.21	14	0.13	2.44	>10000	22.5		0.082		1.175

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-07

CERTIFICATE OF ANALYSIS TB18059942

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG46	Au-AA23	Au-ICP21	Cu-OG46
ME-MS41	ME-OG46	Pb-OG46	Zn-OG46

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

CERTIFICATE TB18060990

Project: MAR18-08

This report is for 36 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-MAR-2018.

The following have access to data associated with this certificate:

GEORGE MANNARD	ROBERT MIDDLETON	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

To: **COPPER LAKE RESOURCES LTD.**
ATTN: ROBERT MIDDLETON
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

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

ALS Canada Ltd.
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TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-08

CERTIFICATE OF ANALYSIS TB18060990

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W455380		2.12		0.75	3.59	11.6	<0.02	<10	50	0.53	0.02	1.54	0.15	39.0	15.9	27
W455381		2.38		0.44	3.03	12.1	<0.02	<10	40	0.45	0.02	1.44	0.13	33.4	15.3	25
W455382		1.59		0.30	0.90	19.6	<0.02	<10	30	0.24	0.02	0.68	0.05	33.2	14.3	8
W455383		2.20		0.24	3.36	10.3	<0.02	<10	60	0.48	0.01	1.75	0.09	34.0	10.9	26
W455384		2.03		0.80	1.37	19.3	<0.02	<10	30	0.24	0.02	0.54	0.14	28.6	17.9	15
W455385		1.16		0.18	0.47	55.1	<0.02	<10	20	0.14	0.04	0.36	3.12	17.20	21.7	6
W455386		1.99		0.25	0.41	25.3	<0.02	<10	30	0.16	0.02	0.23	0.32	26.9	12.0	6
W455387		2.26		0.64	1.26	27.2	<0.02	<10	40	0.24	0.14	0.51	1.69	39.2	13.2	12
W455388		2.03		0.37	1.69	23.8	<0.02	<10	60	0.24	0.07	0.51	0.12	31.4	10.3	16
W455389		1.47		0.46	1.52	14.2	<0.02	<10	60	0.26	0.10	0.58	0.20	29.9	12.5	15
W455390		2.22		0.83	1.79	2.9	<0.02	<10	40	0.15	0.38	3.71	0.11	127.0	20.1	83
W455391		1.53		0.23	2.07	1.2	<0.02	<10	30	0.17	0.14	2.45	0.11	217	16.9	87
W455392		2.30		0.37	3.90	1.3	<0.02	<10	120	0.34	0.03	1.63	0.07	30.4	13.0	41
W455393		2.18		0.51	3.49	3.5	<0.02	<10	90	0.34	0.13	1.37	0.07	35.6	15.8	31
W455394		2.43		0.52	4.01	1.6	<0.02	<10	110	0.37	0.05	1.83	0.10	39.3	13.1	33
W455395		1.94		0.41	2.45	2.4	<0.02	<10	60	0.31	0.31	0.89	0.55	34.3	13.0	102
W455396		1.38		1.49	0.48	20.0	0.02	<10	30	0.10	1.68	0.31	13.85	15.85	5.9	9
W455397		1.58		1.85	0.69	38.2	0.02	<10	40	0.13	3.83	0.47	1.26	26.5	7.6	12
W455398		2.03		0.62	2.04	3.5	<0.02	<10	80	0.14	0.66	0.53	0.30	37.3	13.3	24
W455399		2.39		0.28	3.10	1.1	<0.02	<10	160	0.28	0.25	1.29	0.11	28.6	12.5	39
W455400		0.04	0.603	0.53	2.63	170.0	0.46	<10	130	0.22	0.13	1.79	0.25	16.85	14.1	104
W455401		2.25		0.78	2.14	1.6	<0.02	<10	110	0.26	0.90	0.72	0.15	49.6	23.6	32
W455402		2.14		0.40	1.85	1.5	<0.02	<10	70	0.41	0.42	1.61	0.04	92.7	21.6	234
W455403		2.53		0.23	1.59	1.0	<0.02	<10	90	0.10	0.23	0.87	0.07	53.9	10.8	33
W455404		2.53		0.48	1.73	1.2	<0.02	<10	100	0.09	0.26	0.85	0.09	52.2	14.6	34
W455405		2.34		0.39	1.84	0.7	<0.02	<10	150	0.08	0.16	0.65	0.08	48.2	10.4	32
W455406		2.52		0.55	1.67	1.2	<0.02	<10	140	0.08	0.36	0.56	0.09	53.8	12.1	34
W455407		2.41		0.58	1.48	1.9	<0.02	<10	70	0.11	0.47	0.65	0.09	49.0	13.8	29
W455408		2.13		0.63	1.83	1.1	<0.02	<10	110	0.06	0.24	0.45	0.11	44.6	12.6	32
W455409		2.17		0.56	2.70	4.5	<0.02	<10	120	0.23	0.34	0.79	0.24	49.0	15.1	28
W455410		1.98		0.46	1.65	27.1	<0.02	<10	60	0.14	0.93	0.52	0.92	25.1	10.4	17
W455411		2.08		0.24	1.32	25.2	0.02	<10	60	0.13	1.31	0.57	1.15	19.15	11.1	12
W455412		2.25		0.17	3.90	8.0	<0.02	<10	100	0.32	0.43	1.87	0.40	20.8	11.5	29
W455413		2.38		0.28	3.74	3.4	<0.02	<10	120	0.29	0.26	1.50	0.29	18.50	11.9	37
W455414		2.12		0.24	3.03	6.6	<0.02	<10	130	0.22	0.44	1.20	0.27	18.30	12.7	39
W455415		2.30		0.36	2.93	0.5	<0.02	<10	330	0.13	0.08	0.37	0.57	19.90	13.4	37

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TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-08

CERTIFICATE OF ANALYSIS TB18060990

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455380		1.12	48.1	3.58	8.24	0.05	0.46	0.01	<0.005	1.17	20.9	18.6	1.47	718	0.48	0.21
W455381		0.78	25.2	3.46	6.79	0.05	0.39	<0.01	<0.005	0.83	17.6	10.9	1.05	556	0.48	0.26
W455382		0.11	16.9	3.44	2.08	0.05	0.54	<0.01	<0.005	0.29	17.5	3.7	0.22	136	0.73	0.05
W455383		0.72	9.9	3.24	7.79	0.05	0.30	<0.01	<0.005	0.86	17.9	13.6	1.11	643	0.38	0.24
W455384		0.53	83.3	4.00	3.14	0.06	0.57	<0.01	<0.005	0.62	14.7	7.9	0.72	403	0.53	0.06
W455385		0.09	5.5	13.55	1.15	0.09	0.40	0.01	0.013	0.18	9.2	2.0	0.14	84	1.30	0.03
W455386		<0.05	12.0	3.43	0.98	<0.05	0.37	<0.01	0.006	0.23	13.7	1.0	0.05	46	0.88	0.03
W455387		0.56	45.4	3.66	3.15	0.06	0.59	<0.01	0.020	0.53	21.5	5.5	0.51	273	3.07	0.08
W455388		0.93	26.7	3.78	3.95	<0.05	0.55	<0.01	0.009	0.83	16.9	8.3	0.84	396	3.23	0.10
W455389		0.56	65.3	3.67	3.75	0.05	0.50	<0.01	0.007	0.50	16.0	10.8	0.92	337	2.67	0.06
W455390		0.47	40.4	2.20	5.72	0.16	0.22	<0.01	0.019	0.15	59.1	12.8	1.66	322	0.32	0.05
W455391		0.65	19.5	1.96	5.96	0.20	0.10	<0.01	0.017	0.28	103.0	13.2	1.39	293	<0.05	0.06
W455392		0.98	28.8	3.14	11.70	0.06	0.29	<0.01	0.020	1.26	15.9	24.6	1.70	758	0.45	0.33
W455393		0.92	29.4	3.11	9.74	0.07	0.31	<0.01	0.016	1.12	18.1	19.1	1.33	609	0.84	0.29
W455394		0.97	27.3	3.25	10.95	0.07	0.29	<0.01	0.016	1.20	20.1	22.6	1.42	697	0.49	0.31
W455395		0.79	105.5	3.46	8.96	0.06	0.26	0.01	0.010	0.44	17.0	48.3	2.17	822	0.94	0.06
W455396		0.13	20.1	1.54	1.37	<0.05	0.16	0.08	0.009	0.18	8.0	4.4	0.17	103	0.61	0.04
W455397		0.24	9.9	2.55	2.04	<0.05	0.28	0.01	<0.005	0.22	13.0	5.7	0.27	156	1.25	0.03
W455398		1.21	50.7	3.43	6.57	0.06	0.42	<0.01	0.008	1.00	18.3	18.4	1.40	739	0.29	0.07
W455399		1.65	27.4	3.24	9.90	0.07	0.21	<0.01	0.015	1.29	14.6	21.9	1.50	793	0.79	0.16
W455400		0.71	278	2.85	5.85	0.07	0.13	0.03	0.017	0.20	8.5	8.8	1.39	442	6.31	0.31
W455401		1.38	34.0	4.37	7.58	0.07	0.38	<0.01	0.013	0.92	23.5	18.5	1.21	716	1.36	0.11
W455402		1.18	70.9	3.36	7.21	0.13	0.45	<0.01	0.014	0.32	42.4	38.0	1.80	587	1.02	0.06
W455403		1.04	22.9	2.81	6.30	0.07	0.35	<0.01	0.010	0.70	25.5	20.6	0.97	723	0.75	0.08
W455404		1.00	45.6	3.32	6.55	0.08	0.29	<0.01	0.011	0.98	25.2	13.6	0.92	764	1.46	0.11
W455405		0.99	31.0	2.78	7.12	0.07	0.32	<0.01	0.013	1.06	22.8	13.4	0.95	703	0.84	0.14
W455406		0.95	38.6	3.00	7.19	0.07	0.31	<0.01	0.016	0.92	25.7	17.0	0.98	621	0.92	0.10
W455407		0.66	23.0	2.81	6.63	0.07	0.41	<0.01	0.014	0.53	23.2	17.8	0.95	588	0.85	0.08
W455408		1.13	33.3	3.19	7.38	0.07	0.40	<0.01	0.014	1.09	21.3	18.9	1.27	670	1.03	0.07
W455409		1.07	59.3	3.33	8.54	0.08	0.36	<0.01	0.013	1.30	23.6	14.6	1.32	508	0.69	0.22
W455410		0.69	42.6	2.88	4.77	0.05	0.37	<0.01	0.007	0.76	12.5	12.1	0.90	354	1.27	0.10
W455411		0.36	2.3	2.80	3.42	<0.05	0.30	<0.01	0.007	0.48	9.8	8.0	0.46	216	1.48	0.12
W455412		1.11	11.0	2.97	10.30	0.06	0.21	<0.01	0.011	1.20	10.3	22.6	1.44	531	1.11	0.24
W455413		1.16	24.5	2.89	10.25	0.06	0.26	<0.01	0.017	1.29	9.3	17.6	1.48	545	0.81	0.29
W455414		0.96	11.3	2.69	9.51	0.06	0.24	<0.01	0.015	1.13	9.0	14.8	1.31	497	1.70	0.23
W455415		1.27	36.4	3.51	10.55	0.09	0.34	<0.01	0.026	1.81	10.2	18.6	1.98	759	3.09	0.16

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-08

CERTIFICATE OF ANALYSIS TB18060990

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455380		<0.05	34.2	620	15.7	48.1	<0.001	2.18	0.10	3.3	0.2	0.2	42.5	<0.01	<0.01	3.4
W455381		<0.05	30.0	570	16.6	31.9	<0.001	2.76	0.17	2.5	0.3	<0.2	26.8	<0.01	<0.01	3.0
W455382		<0.05	29.0	600	8.6	6.5	<0.001	3.63	0.19	0.8	0.5	<0.2	3.9	<0.01	<0.01	2.9
W455383		0.05	28.1	540	18.0	32.3	<0.001	2.51	0.14	3.6	0.5	<0.2	30.1	<0.01	0.01	2.8
W455384		0.11	34.1	530	11.6	22.0	<0.001	3.45	0.15	1.3	2.0	0.2	9.9	<0.01	<0.01	2.6
W455385		0.10	33.0	280	14.4	4.4	<0.001	>10.0	0.17	0.7	12.0	<0.2	2.9	<0.01	0.01	1.4
W455386		<0.05	24.2	480	10.6	4.0	<0.001	3.71	0.16	0.6	1.2	<0.2	2.5	<0.01	<0.01	2.5
W455387		0.16	28.4	510	36.6	20.8	0.002	3.11	0.15	1.5	4.8	0.3	34.1	<0.01	0.04	2.7
W455388		0.16	30.7	490	37.7	33.4	0.002	2.78	0.10	1.5	3.4	0.4	25.1	<0.01	0.04	2.7
W455389		0.14	29.5	480	25.5	18.8	0.001	2.51	0.07	1.5	1.8	0.3	23.4	<0.01	0.08	2.6
W455390		0.11	116.5	1930	9.1	5.3	<0.001	0.33	0.10	5.2	0.4	0.3	125.0	<0.01	0.12	9.4
W455391		0.05	88.3	3070	21.2	7.8	<0.001	0.08	0.07	4.6	<0.2	0.3	156.5	<0.01	0.04	16.1
W455392		0.05	31.8	650	10.8	37.2	<0.001	0.38	<0.05	6.5	0.4	0.6	32.3	<0.01	0.01	2.5
W455393		0.10	32.6	710	10.4	35.1	0.001	0.87	0.09	4.8	0.5	0.5	31.4	<0.01	0.01	2.8
W455394		0.17	30.1	750	11.4	36.2	0.001	0.66	0.05	5.7	0.6	0.6	35.2	<0.01	0.01	2.9
W455395		0.13	41.8	750	32.6	14.1	0.001	0.37	0.05	4.8	1.4	0.5	6.9	<0.01	0.04	2.6
W455396		0.06	12.7	360	81.5	3.6	0.001	1.46	0.12	0.7	2.3	<0.2	3.8	<0.01	0.05	1.1
W455397		0.11	26.1	620	155.0	5.0	0.001	2.30	0.22	1.0	4.0	<0.2	3.6	<0.01	0.20	2.1
W455398		0.12	34.6	740	27.9	31.7	<0.001	1.10	<0.05	2.5	3.2	0.3	7.5	<0.01	0.09	2.7
W455399		0.14	32.2	700	21.6	40.6	0.001	0.50	<0.05	6.0	2.8	0.6	28.0	<0.01	0.08	2.1
W455400		0.19	109.5	330	14.1	8.7	0.004	0.12	1.54	2.9	0.3	1.3	81.9	<0.01	0.02	3.1
W455401		0.11	44.2	1130	18.2	30.6	0.003	1.92	0.05	4.8	2.7	0.4	17.4	<0.01	0.19	2.8
W455402		0.19	80.6	1790	5.7	14.0	0.001	1.12	0.06	5.3	1.4	0.4	31.2	<0.01	0.18	5.3
W455403		0.18	38.4	1300	8.7	24.8	0.001	0.67	<0.05	3.8	0.9	0.4	12.1	<0.01	0.03	3.0
W455404		0.20	37.5	1140	9.6	34.4	<0.001	1.20	0.05	4.3	0.9	0.4	10.0	<0.01	0.02	2.8
W455405		0.15	34.4	1170	6.6	37.1	<0.001	0.57	0.05	4.3	0.5	0.5	8.4	<0.01	0.01	2.7
W455406		0.14	35.6	1180	7.6	33.3	<0.001	0.88	0.05	4.8	0.9	0.5	6.5	<0.01	0.01	2.8
W455407		0.11	38.1	1190	14.6	18.1	<0.001	0.98	0.07	3.7	1.0	0.4	5.8	<0.01	0.02	2.6
W455408		0.08	38.3	1140	8.4	37.0	<0.001	0.84	<0.05	4.6	1.0	0.4	3.5	<0.01	0.01	2.3
W455409		0.05	41.6	1170	28.6	46.3	<0.001	0.95	0.06	3.8	1.3	0.4	28.0	<0.01	0.10	2.6
W455410		0.05	27.0	740	33.8	27.7	0.001	1.71	0.13	1.9	2.6	0.2	16.7	<0.01	0.06	1.7
W455411		<0.05	23.8	620	21.8	16.6	<0.001	2.50	0.13	1.4	3.2	0.2	18.3	<0.01	0.05	1.3
W455412		<0.05	28.1	1170	38.8	44.0	0.001	1.07	0.06	4.8	2.3	0.4	49.4	<0.01	0.04	1.4
W455413		<0.05	30.9	1080	28.6	46.8	<0.001	0.52	0.06	5.1	2.2	0.5	49.4	<0.01	0.06	1.5
W455414		<0.05	30.2	1120	26.2	39.0	<0.001	0.76	0.06	5.0	1.8	0.5	35.5	<0.01	0.04	1.4
W455415		0.09	32.9	760	82.2	53.3	<0.001	0.26	<0.05	7.2	1.0	0.9	11.9	<0.01	0.03	1.5

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-08

CERTIFICATE OF ANALYSIS TB18060990

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
W455380		0.130	0.35	0.48	30	0.09	6.75	125	23.6
W455381		0.090	0.23	0.39	24	0.06	5.75	57	18.6
W455382		0.021	0.06	0.44	7	0.11	6.03	14	24.0
W455383		0.104	0.23	0.38	30	0.07	5.58	40	13.8
W455384		0.077	0.18	0.40	13	0.13	5.41	153	24.2
W455385		0.014	0.05	0.23	5	0.08	3.46	349	16.9
W455386		0.007	0.04	0.35	3	0.09	4.34	47	17.5
W455387		0.067	0.19	0.52	12	0.12	6.29	296	26.9
W455388		0.104	0.25	0.44	17	0.13	5.09	188	24.6
W455389		0.096	0.12	0.40	22	0.20	4.48	154	22.0
W455390		0.112	0.04	1.26	50	1.50	8.12	52	9.3
W455391		0.142	0.07	2.29	47	0.28	8.40	42	4.9
W455392		0.170	0.26	0.28	54	0.07	4.70	67	13.9
W455393		0.160	0.25	0.30	43	0.07	5.54	61	15.4
W455394		0.185	0.26	0.34	47	0.07	6.97	71	14.2
W455395		0.189	0.09	0.33	50	0.30	5.39	298	11.1
W455396		0.013	0.03	0.11	5	0.14	2.58	3430	7.0
W455397		0.033	0.07	0.20	8	0.26	4.25	315	12.2
W455398		0.167	0.25	0.29	29	0.22	6.03	346	18.9
W455399		0.198	0.31	0.26	52	0.12	6.01	154	9.4
W455400		0.102	0.07	0.96	65	1.28	7.16	51	3.2
W455401		0.151	0.26	0.32	43	0.09	8.80	81	17.0
W455402		0.183	0.11	0.80	52	0.46	11.35	50	22.0
W455403		0.212	0.19	0.30	41	0.13	9.05	76	16.5
W455404		0.214	0.26	0.32	43	0.10	9.52	72	12.2
W455405		0.198	0.32	0.32	42	0.12	8.95	83	13.3
W455406		0.174	0.28	0.32	45	0.11	9.35	82	14.8
W455407		0.139	0.17	0.26	36	0.15	8.17	83	17.7
W455408		0.176	0.29	0.23	42	0.09	7.01	158	18.0
W455409		0.154	0.39	0.27	38	0.10	6.47	187	17.8
W455410		0.082	0.22	0.21	19	0.09	3.70	244	16.9
W455411		0.035	0.12	0.16	12	0.07	2.93	114	14.1
W455412		0.127	0.32	0.15	38	0.09	4.59	177	9.6
W455413		0.146	0.37	0.17	44	0.08	4.22	159	11.3
W455414		0.129	0.29	0.16	42	0.11	4.24	129	10.6
W455415		0.211	0.32	0.21	60	0.16	3.60	169	15.6

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 1-APR-2018
Account: WHITIG

Project: MAR18-08

CERTIFICATE OF ANALYSIS TB18060990

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	ME-MS41

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

CERTIFICATE TB18060989

Project: MAR18-09

This report is for 43 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-MAR-2018.

The following have access to data associated with this certificate:

GEORGE MANNARD	ROBERT MIDDLETON	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

To: **COPPER LAKE RESOURCES LTD.**
ATTN: ROBERT MIDDLETON
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

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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Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-09

CERTIFICATE OF ANALYSIS TB18060989

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W455416		2.21		2.13	1.92	3.2	<0.02	<10	30	0.31	0.02	0.60	0.19	22.4	9.2	20
W455417		2.01		1.75	1.78	7.3	<0.02	<10	30	0.29	0.04	0.54	0.06	19.35	16.2	17
W455418		2.15		1.16	2.42	10.8	<0.02	<10	30	0.39	0.05	0.75	0.06	21.4	16.7	20
W455419		2.32		0.38	0.95	10.8	<0.02	<10	30	0.27	0.03	0.32	0.06	21.0	13.2	10
W455420		1.89		0.40	0.98	9.2	<0.02	<10	30	0.33	0.01	0.27	0.04	18.25	12.0	11
W455421		2.09		0.86	1.18	28.3	<0.02	<10	30	0.27	0.02	0.86	0.29	11.45	17.7	13
W455422		1.99		1.48	1.62	16.5	<0.02	<10	30	0.44	0.01	0.36	0.27	16.20	12.9	16
W455423		2.30		1.19	4.11	4.2	<0.02	<10	50	0.54	0.01	1.79	0.22	38.1	14.0	27
W455424		2.03		1.72	3.81	6.0	<0.02	<10	50	0.57	0.03	1.94	0.24	37.5	17.3	27
W455425		2.12		1.00	3.95	16.2	<0.02	<10	50	0.57	0.05	1.85	0.17	35.2	20.2	26
W455426		2.07		0.69	5.01	3.5	<0.02	<10	70	0.60	0.01	1.96	0.15	38.4	10.2	33
W455427		1.16	0.121	11.70	1.48	26.5	0.10	<10	30	0.36	0.54	0.74	37.0	32.7	19.3	13
W455428		1.50		0.29	1.68	12.4	<0.02	<10	30	0.37	0.02	0.77	0.14	33.3	7.4	14
W455429		2.18		0.86	4.03	5.8	<0.02	<10	50	0.54	0.01	1.91	0.17	31.2	11.5	29
W455430		2.30		0.72	3.84	14.8	<0.02	<10	50	0.50	0.04	1.60	0.13	39.0	16.7	28
W455431		2.41		1.19	2.42	19.9	<0.02	<10	40	0.32	0.10	0.93	3.30	34.2	18.8	23
W455432		2.61		0.97	3.17	12.4	<0.02	<10	50	0.42	0.02	0.99	0.13	31.7	18.1	26
W455433		2.63		0.72	3.84	1.9	<0.02	<10	50	0.40	<0.01	1.31	0.09	37.9	7.8	28
W455434		2.09		0.60	1.01	17.9	<0.02	<10	30	0.17	0.09	0.39	0.92	30.1	16.1	12
W455435		2.02		1.79	2.06	15.9	<0.02	<10	40	0.33	0.28	0.68	1.26	26.6	17.2	23
W455436		0.04	0.520	0.70	2.68	177.0	0.53	<10	140	0.22	0.12	1.81	0.25	18.30	15.5	106
W455437		2.74		0.65	0.99	20.6	<0.02	<10	40	0.22	0.30	0.42	1.20	22.0	16.0	13
W455438		1.57		0.90	3.36	4.4	<0.02	<10	160	0.37	0.18	1.48	0.13	104.0	26.3	63
W455439		2.54		0.43	1.46	3.6	0.02	<10	20	0.19	0.38	2.78	0.11	153.5	24.4	66
W455440		2.07		1.78	2.40	9.2	<0.02	<10	50	0.42	0.05	0.30	0.32	19.65	11.8	19
W455441		1.18		1.76	2.43	4.8	<0.02	<10	80	0.22	0.22	2.70	0.22	96.6	26.1	19
W455442		2.21		1.18	2.43	8.3	<0.02	<10	100	0.23	0.09	1.97	0.07	54.3	17.0	29
W455443		2.52		0.80	2.36	16.4	<0.02	<10	50	0.21	0.11	0.21	0.05	13.20	13.8	21
W455444		2.18		0.72	2.33	21.8	<0.02	<10	50	0.30	0.06	0.20	0.17	12.85	15.6	21
W455445		1.92		0.94	3.51	4.9	<0.02	<10	70	0.20	0.05	0.18	0.26	18.05	11.4	30
W455446		1.98		1.74	0.44	57.9	<0.02	<10	20	0.17	0.08	0.24	0.26	13.25	16.8	5
W455447		2.33		10.75	0.67	26.3	0.04	<10	30	0.31	0.43	0.24	34.9	14.20	15.1	8
W455448		2.24		0.67	0.56	21.6	<0.02	<10	30	0.15	0.06	0.25	0.10	21.6	17.5	5
W455449		1.93		1.27	1.59	16.4	<0.02	<10	30	0.16	0.13	0.40	0.10	18.25	15.5	19
W455450		2.17		3.31	1.23	26.8	<0.02	<10	30	0.30	1.17	0.60	7.65	25.3	13.7	18
W455451		2.14		2.22	1.37	30.0	<0.02	<10	40	0.25	1.66	0.21	1.35	15.05	18.5	18
W455452		2.57		20.1	0.80	44.8	0.08	<10	30	0.30	8.14	0.13	25.8	12.40	15.3	9
W455453		2.39		4.86	2.52	18.9	0.02	<10	50	0.37	0.86	0.67	6.51	17.55	15.3	25
W455454		3.32	0.051	12.70	0.62	17.1	0.26	<10	20	0.21	5.89	0.23	13.80	11.30	8.8	13
W455455		2.37		4.68	0.38	19.6	0.02	<10	30	0.15	1.60	0.14	2.74	10.15	7.1	11

***** See Appendix Page for comments regarding this certificate *****

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To: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-09

CERTIFICATE OF ANALYSIS TB18060989

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455416		0.50	29.9	2.83	4.84	<0.05	0.54	<0.01	<0.005	0.52	11.7	14.8	1.13	459	0.13	0.08
W455417		0.39	40.4	3.96	4.18	<0.05	0.62	<0.01	<0.005	0.40	10.2	15.3	1.13	461	0.21	0.05
W455418		0.68	46.3	5.00	5.49	<0.05	0.70	<0.01	<0.005	0.74	11.0	14.4	1.38	545	0.73	0.11
W455419		0.29	23.0	3.79	2.16	<0.05	0.67	0.01	<0.005	0.40	11.0	6.6	0.52	192	0.47	0.03
W455420		0.32	16.3	3.41	2.42	<0.05	0.62	0.01	<0.005	0.47	9.6	5.3	0.46	188	0.76	0.05
W455421		0.47	38.7	8.11	3.08	0.05	0.65	0.01	0.008	0.50	5.7	7.1	0.70	257	2.08	0.06
W455422		0.77	22.7	2.99	4.11	<0.05	0.61	0.01	0.013	0.79	8.5	9.4	1.21	344	1.98	0.04
W455423		1.19	48.7	3.39	8.91	0.05	0.31	<0.01	0.018	1.21	20.2	14.5	1.14	709	0.33	0.26
W455424		0.90	48.1	3.83	7.81	0.06	0.24	<0.01	0.021	0.91	20.1	14.5	0.95	579	1.56	0.21
W455425		1.04	27.9	4.59	8.54	0.07	0.28	<0.01	0.020	1.02	18.4	14.1	1.06	631	1.50	0.27
W455426		1.36	42.5	3.41	11.30	0.08	0.29	<0.01	0.024	1.59	20.2	16.2	1.66	906	1.12	0.29
W455427		0.38	130.0	3.21	3.58	0.06	0.45	0.29	0.099	0.47	17.7	6.9	0.48	272	2.08	0.11
W455428		0.28	16.7	1.64	3.70	0.05	0.43	0.01	0.008	0.44	17.6	5.7	0.49	313	0.49	0.15
W455429		0.96	53.6	2.84	9.47	0.06	0.29	<0.01	0.026	1.05	16.2	14.6	1.36	739	1.13	0.27
W455430		1.08	36.3	4.44	8.91	0.06	0.30	0.01	0.021	1.12	20.4	12.1	1.21	627	0.72	0.30
W455431		0.78	59.5	5.59	5.86	0.07	0.40	0.02	0.035	0.77	18.4	11.2	1.07	518	3.56	0.14
W455432		1.09	48.7	4.79	7.52	0.06	0.38	0.01	0.019	1.16	17.1	11.4	1.34	630	1.60	0.21
W455433		1.25	32.6	2.94	8.89	0.06	0.33	0.01	0.018	1.32	20.1	13.4	1.61	752	0.37	0.23
W455434		0.12	46.4	2.40	2.61	0.05	0.58	0.01	0.014	0.21	15.7	8.2	0.87	343	0.79	0.02
W455435		0.79	66.2	3.23	5.81	0.06	0.59	0.01	0.015	0.50	13.8	22.1	1.99	659	2.21	0.05
W455436		0.76	284	2.92	6.00	0.07	0.14	0.05	0.020	0.21	9.3	9.6	1.42	448	6.80	0.30
W455437		0.27	27.5	3.35	2.43	0.05	0.65	0.01	0.019	0.26	11.4	8.9	0.71	250	2.20	0.03
W455438		2.75	55.0	4.51	9.63	0.14	0.53	<0.01	0.027	1.28	49.8	28.9	2.91	823	0.16	0.04
W455439		0.11	23.7	1.96	4.68	0.16	0.15	<0.01	0.018	0.07	73.2	7.5	1.27	324	0.10	0.02
W455440		2.17	23.7	2.85	6.04	<0.05	0.41	0.01	0.009	1.07	10.2	22.7	2.19	744	0.72	0.03
W455441		2.42	57.9	3.46	7.12	0.14	0.27	0.01	0.012	1.20	41.4	13.6	2.19	796	2.08	0.06
W455442		2.06	38.1	3.22	6.38	0.09	0.28	<0.01	0.014	1.22	23.6	20.5	2.14	715	1.71	0.04
W455443		1.82	29.3	4.36	6.46	0.05	0.32	<0.01	0.016	1.04	6.9	32.7	1.94	645	2.28	0.04
W455444		1.77	47.6	4.14	6.24	<0.05	0.36	<0.01	0.013	1.00	6.1	31.3	1.94	643	1.14	0.04
W455445		2.68	72.5	3.33	9.51	0.06	0.25	0.01	0.024	1.62	9.4	39.3	2.93	641	1.05	0.05
W455446		0.14	55.9	5.97	1.00	0.05	0.38	0.01	0.007	0.19	7.3	2.7	0.20	99	0.85	0.01
W455447		0.17	608	3.74	1.64	0.05	0.36	0.12	0.196	0.20	7.6	5.0	0.40	195	1.71	0.02
W455448		0.12	29.2	3.03	1.38	<0.05	0.41	<0.01	<0.005	0.18	11.1	4.1	0.34	142	2.32	0.02
W455449		0.63	73.1	3.60	3.91	<0.05	0.37	<0.01	0.007	0.36	9.5	13.4	1.15	517	0.85	0.04
W455450		0.38	64.1	3.57	3.27	0.05	0.28	0.03	0.024	0.26	13.7	7.2	0.64	374	0.48	0.04
W455451		0.71	67.6	4.25	3.23	<0.05	0.38	0.01	0.011	0.59	7.7	12.2	0.89	413	1.47	0.03
W455452		0.39	564	3.74	1.87	0.06	0.20	0.09	0.050	0.25	6.8	8.3	0.53	249	1.32	0.03
W455453		1.27	190.0	3.50	6.59	0.06	0.35	0.05	0.025	0.90	9.2	23.6	2.13	812	0.98	0.07
W455454		0.17	262	1.99	1.80	0.05	0.17	0.15	0.072	0.14	5.4	5.7	0.44	257	0.88	0.02
W455455		0.13	177.0	1.60	1.04	<0.05	0.13	0.05	0.009	0.15	5.2	2.5	0.15	107	0.92	0.02

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455416		<0.05	28.3	550	23.4	19.7	<0.001	1.35	0.06	1.6	<0.2	<0.2	7.9	<0.01	<0.01	2.8
W455417		0.07	34.4	560	7.9	13.8	<0.001	2.66	0.11	1.4	0.3	<0.2	11.2	<0.01	<0.01	2.6
W455418		0.05	35.4	570	11.0	27.9	<0.001	3.85	0.09	1.8	0.3	0.2	24.1	<0.01	<0.01	2.4
W455419		<0.05	27.0	590	25.1	12.5	<0.001	3.88	0.09	0.8	0.8	<0.2	7.9	<0.01	0.01	2.2
W455420		<0.05	26.7	540	24.6	16.5	<0.001	3.46	0.11	1.0	1.2	<0.2	4.3	<0.01	<0.01	1.7
W455421		0.06	28.1	430	94.4	19.3	<0.001	9.07	0.26	1.7	4.0	<0.2	11.8	<0.01	<0.01	1.3
W455422		<0.05	30.7	520	110.5	30.3	<0.001	1.96	0.20	1.4	1.5	0.2	4.2	<0.01	0.01	1.7
W455423		0.17	33.9	610	54.5	42.7	<0.001	0.93	0.06	3.3	0.3	0.8	38.5	<0.01	0.01	3.2
W455424		0.12	34.7	590	52.0	31.2	0.001	1.66	0.10	3.3	0.4	0.9	45.0	<0.01	0.02	3.1
W455425		0.10	35.4	550	58.8	37.7	0.001	2.92	0.15	3.2	0.5	0.7	35.9	<0.01	0.01	3.1
W455426		0.10	31.3	570	76.3	58.5	<0.001	0.60	0.08	5.0	0.2	0.9	42.9	<0.01	0.01	3.3
W455427		0.06	34.2	480	4600	16.4	0.001	3.12	5.15	1.7	9.0	0.2	23.7	<0.01	0.55	2.8
W455428		<0.05	18.8	530	74.4	13.9	<0.001	0.95	0.15	1.4	0.3	0.3	19.9	<0.01	0.01	3.0
W455429		0.05	33.2	540	95.4	38.8	0.001	0.85	0.07	4.2	0.4	0.8	41.1	<0.01	0.03	2.9
W455430		0.06	34.6	540	101.0	40.2	<0.001	2.64	0.14	3.9	1.2	0.8	36.1	<0.01	0.05	3.3
W455431		0.12	34.8	530	166.0	26.8	0.004	4.30	0.32	2.8	3.5	0.6	18.2	<0.01	0.06	2.9
W455432		0.07	35.5	530	103.0	42.8	0.004	2.87	0.23	3.0	2.8	0.7	25.4	<0.01	0.05	3.0
W455433		0.05	29.9	560	105.5	48.5	0.001	0.53	0.08	3.4	1.0	0.7	33.1	<0.01	0.03	3.4
W455434		0.07	34.9	700	174.5	5.0	0.002	1.99	0.12	1.0	3.2	<0.2	5.4	<0.01	0.03	2.5
W455435		0.09	34.9	640	699	20.5	0.001	2.06	0.33	3.3	5.6	0.3	15.4	<0.01	0.07	2.9
W455436		0.18	117.0	340	15.4	9.5	0.003	0.11	1.74	3.2	0.3	1.4	86.3	<0.01	0.03	3.6
W455437		0.07	32.0	610	74.3	7.4	0.002	3.05	0.15	1.1	2.7	0.2	10.1	<0.01	0.04	2.0
W455438		0.05	65.8	1740	52.6	52.9	0.001	1.61	0.10	8.4	1.6	0.5	45.5	<0.01	0.10	6.2
W455439		0.15	96.8	2550	11.8	2.9	<0.001	0.47	0.14	4.7	0.3	0.2	120.0	<0.01	0.20	9.9
W455440		<0.05	27.6	650	62.8	46.4	0.030	1.16	0.28	2.2	1.1	0.2	6.4	<0.01	0.03	2.4
W455441		0.15	26.9	2630	61.7	54.0	0.019	1.59	0.23	4.6	1.5	0.4	85.4	<0.01	0.23	2.2
W455442		0.06	27.6	1920	38.9	54.0	0.001	1.38	0.11	3.5	1.2	0.4	43.0	<0.01	0.18	2.0
W455443		<0.05	29.6	710	59.0	47.2	0.002	3.07	0.12	2.4	2.8	0.4	8.2	<0.01	0.12	1.1
W455444		<0.05	31.4	680	70.6	45.8	0.002	2.83	0.19	2.4	2.5	0.3	6.5	<0.01	0.11	1.1
W455445		<0.05	31.1	670	57.9	78.0	0.003	0.71	0.08	5.5	1.3	0.5	4.8	<0.01	0.12	1.3
W455446		<0.05	31.6	620	63.1	4.7	0.001	6.80	0.56	0.5	4.3	<0.2	2.7	<0.01	0.08	1.3
W455447		<0.05	27.1	410	1140	5.5	0.001	3.96	0.58	0.6	9.0	<0.2	2.5	<0.01	0.81	1.3
W455448		<0.05	29.3	700	44.7	4.6	0.002	3.02	0.23	0.5	1.5	<0.2	2.6	<0.01	0.06	2.1
W455449		<0.05	36.1	600	57.4	13.7	<0.001	2.40	0.17	1.4	1.5	0.2	4.3	<0.01	0.13	2.0
W455450		0.05	30.4	470	1205	9.0	<0.001	3.25	0.52	1.7	6.0	0.2	6.5	<0.01	0.52	1.9
W455451		<0.05	44.3	630	253	23.0	0.001	3.51	0.27	1.2	2.6	0.2	3.9	<0.01	0.26	1.7
W455452		<0.05	27.7	480	941	8.8	<0.001	3.74	0.57	0.6	13.9	0.2	4.4	<0.01	0.63	1.0
W455453		0.06	28.5	440	449	38.0	<0.001	2.20	0.38	3.3	5.1	0.5	11.6	<0.01	0.17	2.1
W455454		0.09	14.2	240	1860	4.6	0.001	1.92	0.45	0.6	15.4	0.2	2.8	<0.01	0.89	1.4
W455455		<0.05	12.2	250	184.0	4.6	<0.001	1.57	0.16	0.4	3.1	0.2	3.9	<0.01	0.16	0.7

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
W455416		0.082	0.14	0.42	19	0.10	5.13	121	26.2
W455417		0.082	0.11	0.43	17	0.11	5.13	50	29.4
W455418		0.092	0.22	0.41	21	0.11	5.18	66	33.9
W455419		0.025	0.13	0.36	8	0.08	4.01	47	30.9
W455420		0.024	0.15	0.34	8	0.07	3.27	53	29.0
W455421		0.035	0.18	0.34	15	0.07	2.84	144	29.7
W455422		0.061	0.31	0.34	15	0.08	3.38	244	30.8
W455423		0.166	0.36	0.56	32	0.08	6.50	167	16.0
W455424		0.145	0.26	0.47	31	0.11	5.96	85	11.1
W455425		0.146	0.29	0.46	30	0.07	5.60	97	13.4
W455426		0.187	0.46	0.49	41	0.07	6.23	250	15.5
W455427		0.050	0.16	0.42	14	0.09	4.86	5110	20.9
W455428		0.050	0.11	0.36	13	0.11	5.36	110	21.4
W455429		0.138	0.34	0.39	36	0.08	5.45	215	14.5
W455430		0.141	0.32	0.43	35	0.08	5.93	205	15.1
W455431		0.117	0.27	0.41	25	0.10	5.54	656	19.3
W455432		0.141	0.37	0.37	29	0.09	5.15	314	19.1
W455433		0.159	0.40	0.40	34	0.08	5.56	315	17.0
W455434		0.040	0.04	0.37	10	0.13	5.46	404	28.0
W455435		0.103	0.18	0.38	25	0.14	6.60	545	28.2
W455436		0.103	0.08	1.09	66	1.54	7.98	52	3.4
W455437		0.038	0.09	0.36	11	0.15	4.59	268	28.9
W455438		0.251	0.85	1.05	95	0.31	11.15	265	27.9
W455439		0.124	0.20	1.30	42	0.59	10.10	48	7.1
W455440		0.109	0.49	0.36	25	0.16	4.74	492	18.2
W455441		0.142	0.59	0.44	38	32.6	14.05	299	12.7
W455442		0.139	0.46	0.30	43	16.20	9.08	231	12.1
W455443		0.080	0.42	0.20	28	0.15	3.56	229	15.7
W455444		0.080	0.43	0.20	26	0.11	3.33	266	17.3
W455445		0.137	0.72	0.19	43	0.06	3.40	294	11.5
W455446		<0.005	0.04	0.19	3	0.11	2.99	117	16.2
W455447		0.006	0.05	0.16	5	0.09	2.30	8190	15.7
W455448		<0.005	0.04	0.23	4	0.09	3.58	53	17.3
W455449		0.068	0.16	0.24	17	0.15	3.86	217	17.1
W455450		0.031	0.09	0.21	12	0.16	3.67	2130	12.3
W455451		0.054	0.24	0.23	14	0.11	3.36	354	17.9
W455452		0.012	0.10	0.12	6	0.07	2.20	3440	9.1
W455453		0.101	0.32	0.23	28	0.17	3.87	1840	17.2
W455454		0.025	0.05	0.12	5	0.18	2.27	4210	7.4
W455455		0.005	0.05	0.09	3	0.09	1.33	859	5.5

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CERTIFICATE OF ANALYSIS TB18060989

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
W455456		0.15		0.07	2.72	0.3	<0.02	10	130	0.07	0.03	1.71	0.06	8.90	26.3	11
W455457		2.22		22.9	0.46	28.9	0.07	<10	30	0.13	2.65	0.12	14.75	11.35	12.3	9
W455458		2.52		3.38	0.38	20.8	<0.02	<10	30	0.19	1.15	0.18	4.64	16.70	11.4	7

***** See Appendix Page for comments regarding this certificate *****

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: **COPPER LAKE RESOURCES LTD.**
501 ALLIANCE AVENUE, SUITE 401
TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-09

CERTIFICATE OF ANALYSIS TB18060989

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
W455456		2.09	149.0	4.16	6.77	0.05	0.25	0.01	0.016	0.16	3.6	20.6	1.51	409	0.23	0.38
W455457		0.16	914	3.20	1.24	<0.05	0.15	0.16	0.061	0.20	5.3	2.5	0.23	108	1.44	0.02
W455458		0.12	80.6	2.32	1.05	<0.05	0.19	0.04	0.018	0.18	8.1	1.7	0.14	62	1.12	0.02

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
W455456		0.11	82.6	320	4.2	9.3	0.002	0.02	<0.05	2.3	0.2	0.4	49.5	<0.01	0.01	0.6
W455457		<0.05	20.7	400	153.5	6.3	0.001	3.44	0.24	0.5	7.2	0.2	3.6	<0.01	0.28	1.0
W455458		<0.05	23.1	670	159.5	4.5	0.001	2.53	0.18	0.5	3.8	<0.2	3.4	<0.01	0.14	1.3

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
W455456		0.268	0.16	0.14	147	<0.05	9.52	48	9.4
W455457		0.007	0.07	0.11	4	0.08	1.96	3890	6.8
W455458		0.005	0.04	0.15	3	0.10	3.31	1360	8.6

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TORONTO ON M6N 2J1

Finalized Date: 2-APR-2018
Account: WHITIG

Project: MAR18-09

CERTIFICATE OF ANALYSIS TB18060989

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	ME-MS41

Copper Lake Resources
2018 Drill Program - JEAP Budget
Budget v Actual

		Budget	Actual to Date	January	February	March	MAR 18-01	MAR 18-02	MAR 18-03
Mobilization									
Road access and plowing		20,000	26,445	2,700	23,745				
Field camp		10,000	8,686		5,100	3,586			
Equipment rental			6,055		1,087	4,968			
Fuel and oil			588		588				
		30,000	41,774	2,700	30,520	8,554	-	-	-
Drilling									
Metres		1,500	1,776				180	180	125
Avergae Rate/Metre		200	129				203	119	128
		300,000	229,510	-	-	-	36,548	21,465	16,050
Logging, supervision, core cutting									
Core trays			2,940	2,520	420				
Core cutting			1,575			1,575			
Core shack rental			5,416	2,708	2,708				
Ron Joly			4,550		4,550				
Carey Lance			12,300	2,400	4,500	5,400			
Frank Morisseau (Aroland)			1,000		1,000				
Clarence Fisher - core cutting			2,406			2,406			
Project supervision	35 days @ $1,000 day	35,000	-						
George Mannard			9,000	3,000	3,000	3,000			
Robert Middleton			19,688	2,500	9,375	7,813			
Days			31.5	4.0	15.0	12.5			
Rate			625	625	625	625			
Expenses			5,136	549	3,997	590			
		35,000	64,011	13,677	29,550	20,784	-	-	-
Assays / Analyses									
500 samples									
@ $40/sample	Samples	500	170				115	55	
	Cost per sample	40	73				37	36	
		20,000	12,366	-	-	-	4,229	1,978	-
Total		385,000	347,661	16,377	60,070	29,337	40,777	23,443	16,050

Copper Lake Resources
2018 Drill Program - JEAP Budget
Budget v Actual

		MAR 18-04	MAR 18-05	MAR 18-06	MAR 18-07	MAR 18-08	MAR 18-09	Total
Mobilization								
Road access and plowing								26,445
Field camp								8,686
Equipment rental								6,055
Fuel and oil								588
								-
		-	-	-	-	-	-	41,774
Drilling								
Metres		281	167	300	227	191	125	1,776
Avergae Rate/Metre		124	118	118	115	130	118	129
								-
		34,765	19,742	35,333	26,073	24,738	14,798	229,510
Logging, supervision, core cutting								
Core trays								2,940
Core cutting								1,575
Core shack rental								5,416
Ron Joly								4,550
Carey Lance								12,300
Frank Morisseau (Aroland)								1,000
Clarence Fisher - core cutting								2,406
Project supervision	35 days @ $1,000 day							-
George Mannard								9,000
Robert Middleton								19,688
Days								32
Rate								625
Expenses								5,136
		-	-	-	-	-	-	64,011
Assays / Analyses								
500 samples @ $40/sample	Samples							170
	Cost per sample							73
		-	-	-	-	-	-	12,366
Total		34,765	19,742	35,333	26,073	24,738	14,798	347,661

Ministry of Northern Development and Mines
Mineral Development and Lands Branch

B002 – 435 James Street South
Thunder Bay, Ontario P7E 6S7
Tel.: (807) 475-1123
Fax: (807) 475-1112

Ministère du Développement du Nord et des Mines
Direction de l'exploitation des minéraux et de la gestion des terrains miniers

Bureau B002 – 435 James Sud
Thunder Bay, Ontario P7E 6S7
Tél.: (807) 475-1123
Téléc.: (807) 475-1112

Ontario

September 21, 2016

Mr. Terrence MacDonald
Copper Lake Resource Corp.
401, 501 Alliance Avenue
Toronto, Ontario M6N2J1

via: tmacdonald@copperlakeresources.com

Dear Mr. MacDonald:

Re: Exploration Plan Submission PR-16-10927, Marshall Lake Project, Summit Lake and Sollas Lake Areas, District of Thunder Bay

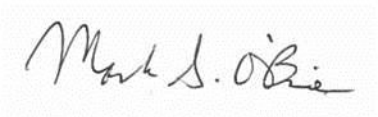
Attached is your exploration permit, **PR-16-10927** issued pursuant to subsection 78.3(2) of the Mining Act, R.S.O. 1990, Chapter M.14. This permit is subject to the requirements of the Mining Act, Ontario Regulation 308/12, the applicable Provincial Standards for Early Exploration and any additional Terms and Conditions in the permit that are specific to your project.

Please note that the attached exploration permit is effective for a period of 3 years. You can apply to renew your permit, which should be done well in advance of the expiry date so there will be adequate time for processing and to avoid any stoppage in exploration activities.

If there are changes to any names or addresses on the permit, please advise the Ministry of Northern Development and Mines staff member noted below and the information amendment will be made to your exploration permit. If you would like to make changes to the exploration activities, such as the type of activity, location of activity or scale of the work, please follow the amendment process and contact MNDM for further direction.

If you have any questions or need any assistance, please do not hesitate to contact Neal Bennett, Mineral Exploration and Development Consultant in the Thunder Bay office, at 807-475-1362 or by e-mail to neal.bennett@ontario.ca.

Sincerely,



Mark O'Brien
Director of Exploration

ec: Chief Dorothy Towedo, Aroland First Nation
Mark Bell, Aroland First Nation
Godfrey Gagnon, Aroland First Nation
Dwayne Gagnon, Aroland First Nation
Chief Theresa Nelson, Animbiigoo Zaagi igan Anishinaabek First Nation
Joe Donio, Animbiigoo Zaagi igan Anishinaabek First Nation
Kyla Morrisseau, Animbiigoo Zaagi igan Anishinaabek First Nation
Kevin Sherlock Nokiiwin Tribal Council

Ontario Ministry of Northern Development and Mines
Ministère du Développement du Nord et des Mines

Exploration Permit/Permis d'exploration

Number/Numero : PR-16-10927

This permit is issued under the authority of section 78.3 of the *Mining Act* and the Exploration Plans and Exploration Permits Regulation (O. Reg. 308/12). It is subject to the provisions of the Act and regulation as well as the terms and conditions included in this permit.

Ce permis est emis conformement aux dispositions de section 78.3 de la *Loi sur les mines* et des reglements et est sujet aux restrictions et dispositions de ce lois et reglements ainsi qu'aux conditions ci-enoncees

Note: The issuance of this permit does not relieve the applicant from the responsibility of acquiring any other agency, board, government, etc. approval as may be required nor does it relieve the permittee from the requirements of any other legislation or guarantee access to the land.

Remarque: La deliverance d'un permis n'exonere pas le demandeur de l'obligation d'obtenir l'autorisation de tout autre organisme, commission, government, etc. qui pourrait etre esigee, non plus qu'elle exempte le detenteur des dispositions des lois et elle ne garantit pas l'accès à la terre.

Project Details/ Détails sur le projet

Project Name/ Titre du projet
Marshall Lake

Qualified Supervisor/Superviseur qualifié
Terrence MacDonald

This Permit is issued to: Ce Permis est delivré a:

Name of Permittee/Nom du detenteur:
Rainy Mountain Royalty Corporation

Mailing Address/Addresse postale:
2489 Bellevue Avenue, West Vancouver, British Columbia, V7V 1E1

To conduct an early exploration activities from/ Pour effectuer des activitées d'exploration du (yyyy/mm/dd): **2016/09/21** to: **2019/09/20**

On claim/lease/licence of occupation number(s)/Sur le numéro(s) du claim/bail/permis d'occupation:

Mining Claims : 4204001 4204434 4204435 4204436 4204437 4204438 4204439 4204441 1234634 1234628 4207315 4207314 4207317 4207318 4207320 4207316 4207319 4207323 4207410 3014197 3014196 3011538 3014200 3014201 4211246 4204440 4207414 4207413 4207355 4207356 4221033 4221034 4204433 4204442 4207357 4213142 4213141 4204000 4207321 4207322 4204004 1195406 1195407

Mining Leases: TB321308, TB321309, TB321310, TB321311, TB321312, TB321313, TB321314, TB321315, TB321380, TB321381, TB321382, TB321383, TB321384, TB321385, TB321386, TB321387, TB321388, TB321389, TB359982, TB359983, TB395050, TB39505, TB395052, TB395053, TB395054, TB395055, TB321713, TB321714, TB321715, TB321716, TB321717, TB321718, TB321719, TB321720, TB321721, TB321722, TB321723, TB321724, TB321725, TB321726, KK22684, KK22696, KK22697, KK22798, KK22799, KK22800, KK22801, KK22802, KK22808, KK23034, KK23035, KK23036, KK24301, KK24302, KK24303, KK24304, KK24305, KK24306, KK24310, KK24311, KK24312, KK24313, KK24314, KK24315, KK24316, KK24317, KK24318, KK24319, KK24320, KK24321, KK24322, KK24328, KK24329, KK24330, KK24346, KK24347, KK24348, KK22753, KK24194, KK24195, KK24196, KK24197, KK24198, KK24199, KK24200, KK24201, KK24202, KK24203, KK24204, KK24205

as per your exploration permit application date/conformement à la demande de permis d'exploration en date du: (yyy/mm/dd) : 2016/07/20
for the purpose of:

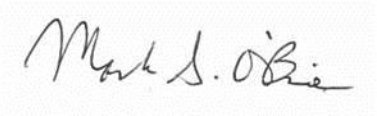
- ☒ Mechanized Drilling (assembled weight >150 kg)/ Forage mécanisé (poids assemblé >150 kg)
- ☒ Mechanized Stripping (>100 m^2 in 200 m radius)/ Décapage mécanisé (> 100 m^2 dans un rayon de 200 m)
- ☒ Pitting and Trenching (>3m^3 in 200m radius)/ Creusement de fosses et de tranchées (>3 m^3 dans un rayon de 200 m)
- ☒ Line Cutting (>1.5m width)/ Découpage des quadrillages (<1,5 m de largeur)
- ☐ Other (Early exploration activities for which Director has required a permit)/Autre (Activités d'exploration préliminaires pour laquelle le Directeur a demandé un permis):

Subject to the following conditions:/Et sous les conditions suivanted:

1. The Permittee shall keep this permit or a true copy thereof on the permit area./Le detenteur conserver ace permis ou une copie conforme sur les lierux des travaux.
2. The person in charge of the operation conducted under this permit shall produce and show this permit or the true copy kept on the exploration

Place of Issue/Emis à:
Thunder Bay

Issued by/Emis par:
Mark O'Brien, Director of Exploration

Date of Issue/Date émis (yyyy/mm/dd, aaaa/mm/jj):	Signature of Director/Signature du directeur:
2016/09/21	

Additional Terms and Conditions:	Autre termes et conditions:
1) The Permittee shall provide advance written notice of its intent to mobilize or de-mobilize personnel and equipment on the Project Site, with such notice to be provided in the following manner: a) By electronic mail sent to MNDM to the following address: ***TBAY-MDLB@ontario.ca***; b) Upon mobilization: Four (4) weeks prior to initial commencement of the permitted early exploration activities and upon recommencement of any such activities following a suspension or period of inactivity of more than four (4) weeks; and c) Upon de-mobilization: Not less than two (2) weeks prior to a planned suspension or period of inactivity of more than four (4) weeks or the completion of the permitted activities. 2) The Permittee shall provide written notice of its annual work plan in relation to the permitted early exploration activities, accompanied by project-scale maps depicting the intended location of the activities, in the following manner: a) By electronic mail sent to MNDM to the following address: ***TBAY-MDLB@ontario.ca***	