



Bay Lake North Cobalt Project Maiden Drilling Results

MetalsTech Limited (ASX: MTC) (the Company or MTC) provides shareholders with the following update in relation to the drilling results received for the recently completed maiden diamond drilling campaign undertaken at the Company's 100%-owned Bay Lake North Cobalt Project (BLN) located in Ontario, Canada.

The drilling program which comprised eight (8) diamond drill holes for approximately 1,100m commenced in August 2018 and whilst drilling intersected the targeted fault / vein structures, the results indicate that the system lacks the geological scale and metal grades to host economic polymetallic mineralisation.

Four holes intersected narrow mineralised zones and were assayed for a multi-element suite. The remaining four holes were also assayed for a multi-element suite but did not return any significant mineralised intersections.

Commenting on the assay results from the BLN maiden drill program, Technical Director Dr Quinton Hills, stated:

"The assay results received so far from our maiden drill program at Bay Lake North indicate we have not intersected economically significant grades and thicknesses of mineralisation. While these results are disappointing, the company is looking forward to receiving the assay results from our Rusty Lake Cobalt Project, which was drilled subsequently to BLN."

A summary of the assay results from the drilling at BLN is shown below, with the complete set of results contained in Appendix B.

Hole ID	Depth From (m)	Depth To (m)	Interval (m)	Ag g/t	Co ppm	Cu ppm	Ni ppm	Cu %
BLN18-002	25.00	26.11	1.11	1.7	128	2,320	17	
	75.98	77.05	1.07	0.6	1,640	30	255	
	90.84	92.00	1.16	0.7	2,620	114	1,200	
	93.98	94.99	1.01	3.4	273	738	27	
BLN18-003	120.24	121.41	1.17	4	553	>10,000	101	1.415
	121.41	122.38	0.97	0.9	73	3,610	18	
BLN18-004	35.08	35.58	0.50	0.7	186	5,850	125	
BLN18-007	41.78	42.18	0.40	<0.5	10	7,970	16	
	42.18	42.71	0.53	<0.5	19	>10,000	13	1.265

The Company is still awaiting the receipt of the assay results for BLN18-001 due to an issue with the analysing laboratory. If the assay results for BLN18-001 contain any economically significant mineralisation they will be released once received.

ENDS

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Board of Directors
Non-Executive Chairman - Russell Moran
Non-Executive Director - Gino D'Anna
Technical Director - Quinton Hills
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Projects
Cancet (Li) 100% owned
Adina (Li) 100% owned
Terre Des Montagnes (Li) 100% owned
Wells-Lacourciere (Li) 100% owned
Kapiwak (Li) 100% owned
Sirmac-Clapier (Li) 100% owned
Bay Lake (Co) 100% owned
Bay Lake North (Co) 100% owned
Rusty Lake (Co) 100% owned



Caution Regarding Forward-Looking Information

This document contains forward-looking statements concerning MetalsTech. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of, the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes.

Forward looking statements in this document are based on the company's beliefs, opinions and estimates of MetalsTech as of the dates the forward-looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

Competent Person Statement

The information in this announcement that relates to Exploration Results is based on information compiled by Dr. Quinton Hills Ph.D, M.Sc., B.Sc. Dr Hills is the technical director of MetalsTech Limited and is a member of the Australasian Institute of Mining and Metallurgy. Dr. Hills has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr. Hills consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.





Appendix A – Drill Hole Attributes

HOLE NUMBER	AZIMUTH	DIP	FINAL DEPTH	NORTHSOUTH	EASTWEST	ELEVATION	HOLE TYPE	HOLE SIZE
BLN18-001	90	-45	250	5250913.79	587547.35	246.79	DD	NQ
BLN18-002	90	-45	181	5250893.32	587541.14	246.43	DD	NQ
BLN18-003	90	-45	169	5250942.78	587543.98	246.03	DD	NQ
BLN18-004	90	-45	138.54	5251369.99	589521.64	260.76	DD	NQ
BLN18-005	90	-45	124.3	5251394.7	589525.86	260.66	DD	NQ
BLN18-006	90	-45	131.5	5251413.39	589518.71	258.43	DD	NQ
BLN18-007	90	-45	103	5251346.79	589537.53	261.65	DD	NQ
BLN18-008	90	-45	83.42	5251324.95	589542.79	261.85	DD	NQ





Appendix B – Laboratory Assay Results (Complete)

Hole ID	Sample ID	Depth From (m)	Depth To (m)	Length (m)	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
					Ag ppm	Co ppm	Cu ppm	Ni ppm	Cu %
BLN18-002	BLN002-001	10.30	11.04	0.74					
BLN18-002	BLN002-002	11.04	11.96	0.92					
BLN18-002	BLN002-003	11.96	13.00	1.04	<0.5	44	65	7	
BLN18-002	BLN002-004	13.00	14.02	1.02	2.9	65	115	8	
BLN18-002	BLN002-005	14.02	15.07	1.05	<0.5	42	50	8	
BLN18-002	BLN002-007	15.07	16.04	0.97	<0.5	33	13	9	
BLN18-002	BLN002-009	16.04	17.00	0.96					
BLN18-002	BLN002-010	17.00	18.04	1.04					
BLN18-002	BLN002-011	18.04	18.96	0.92					
BLN18-002	BLN002-013	18.96	20.00	1.04	<0.5	47	167	7	
BLN18-002	BLN002-014	20.00	21.00	1.00	<0.5	46	47	12	
BLN18-002	BLN002-015	21.00	21.95	0.95	<0.5	49	165	11	
BLN18-002	BLN002-016	21.95	22.94	0.99	<0.5	45	46	10	
BLN18-002	BLN002-017	22.94	24.00	1.06	<0.5	47	77	10	
BLN18-002	BLN002-019	24.00	25.00	1.00	<0.5	44	31	9	
BLN18-002	BLN002-020	25.00	26.11	1.11	1.7	128	2320	17	
BLN18-002	BLN002-021	26.11	27.00	0.89	<0.5	41	27	12	
BLN18-002	BLN002-022	27.00	27.94	0.94	<0.5	43	64	11	
BLN18-002	BLN002-023	27.94	28.98	1.04	<0.5	45	69	10	
BLN18-002	BLN002-024	28.98	30.00	1.02	<0.5	101	42	27	
BLN18-002	BLN002-025	30.00	31.00	1.00	<0.5	178	139	24	
BLN18-002	BLN002-026	31.00	31.97	0.97					
BLN18-002	BLN002-027	31.97	33.05	1.08					
BLN18-002	BLN002-028	33.05	33.96	0.91					
BLN18-002	BLN002-029	33.96	35.00	1.04					
BLN18-002	BLN002-031	35.00	36.00	1.00					
BLN18-002	BLN002-033	36.00	37.00	1.00					
BLN18-002	BLN002-035	37.00	38.00	1.00					
BLN18-002	BLN002-036	38.00	39.00	1.00					
BLN18-002	BLN002-037	39.00	39.95	0.95					
BLN18-002	BLN002-039	39.95	41.00	1.05	<0.5	42	51	7	
BLN18-002	BLN002-040	41.00	42.00	1.00	<0.5	135	66	12	
BLN18-002	BLN002-041	42.00	43.00	1.00	0.7	330	388	79	
BLN18-002	BLN002-042	43.00	44.00	1.00	<0.5	50	67	8	
BLN18-002	BLN002-043	44.00	45.00	1.00					
BLN18-002	BLN002-044	45.00	45.96	0.96					
BLN18-002	BLN002-045	45.96	47.00	1.04					
BLN18-002	BLN002-046	47.00	48.00	1.00					
BLN18-002	BLN002-047	48.00	48.99	0.99					
BLN18-002	BLN002-048	48.99	50.00	1.01					
BLN18-002	BLN002-049	50.00	51.03	1.03					
BLN18-002	BLN002-050	51.03	51.96	0.93	<0.5	41	58	8	
BLN18-002	BLN002-051	51.96	52.94	0.98	<0.5	49	213	15	
BLN18-002	BLN002-052	52.94	53.96	1.02	<0.5	46	42	8	
BLN18-002	BLN002-054	53.96	54.94	0.98	<0.5	47	47	8	
BLN18-002	BLN002-055	54.94	55.98	1.04	<0.5	45	47	7	
BLN18-002	BLN002-056	55.98	57.00	1.02	0.7	576	216	89	
BLN18-002	BLN002-057	57.00	58.06	1.06	<0.5	46	116	7	
BLN18-002	BLN002-058	58.06	59.00	0.94	<0.5	47	177	7	
BLN18-002	BLN002-060	59.00	60.00	1.00					
BLN18-002	BLN002-061	60.00	61.00	1.00					
BLN18-002	BLN002-062	61.00	62.08	1.08					
BLN18-002	BLN002-063	62.08	63.05	0.97					
BLN18-002	BLN002-064	63.05	64.07	1.02					
BLN18-002	BLN002-065	64.07	64.95	0.88					
BLN18-002	BLN002-067	64.95	65.97	1.02					
BLN18-002	BLN002-068	65.97	66.98	1.01	<0.5	336	189	25	
BLN18-002	BLN002-070	66.98	68.04	1.06	<0.5	401	313	65	
BLN18-002	BLN002-071	68.04	69.00	0.96	<0.5	46	65	7	
BLN18-002	BLN002-072	69.00	70.00	1.00	0.7	241	1290	36	
BLN18-002	BLN002-073	70.00	70.99	0.99	<0.5	44	78	8	
BLN18-002	BLN002-074	70.99	72.00	1.01	<0.5	57	79	10	





Hole ID	Sample ID	Depth From (m)	Depth To (m)	Length (m)	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
					Ag ppm	Co ppm	Cu ppm	Ni ppm	Cu %
BLN18-002	BLN002-075	72.00	73.00	1.00	<0.5	43	64	9	
BLN18-002	BLN002-076	73.00	73.96	0.96	<0.5	47	68	9	
BLN18-002	BLN002-077	73.96	75.00	1.04	<0.5	45	74	6	
BLN18-002	BLN002-078	75.00	75.98	0.98	<0.5	45	56	8	
BLN18-002	BLN002-080	75.98	77.05	1.07	0.6	1640	30	255	
BLN18-002	BLN002-081	77.05	78.00	0.95	<0.5	173	107	22	
BLN18-002	BLN002-082	78.00	78.96	0.96					
BLN18-002	BLN002-084	78.96	80.00	1.04					
BLN18-002	BLN002-085	80.00	81.00	1.00					
BLN18-002	BLN002-086	81.00	82.00	1.00					
BLN18-002	BLN002-088	82.00	83.00	1.00					
BLN18-002	BLN002-089	83.00	83.95	0.95					
BLN18-002	BLN002-090	83.95	84.95	1.00					
BLN18-002	BLN002-092	84.95	85.99	1.04					
BLN18-002	BLN002-093	85.99	87.00	1.01					
BLN18-002	BLN002-094	87.00	88.02	1.02	<0.5	82	196	15	
BLN18-002	BLN002-095	88.02	89.00	0.98	<0.5	42	319	8	
BLN18-002	BLN002-096	89.00	89.90	0.90	<0.5	44	46	10	
BLN18-002	BLN002-097	89.90	90.84	0.94	<0.5	53	210	11	
BLN18-002	BLN002-098	90.84	92.00	1.16	0.7	2620	114	1200	
BLN18-002	BLN002-099	92.00	92.96	0.96	<0.5	411	31	228	
BLN18-002	BLN002-100	92.96	93.98	1.02	0.8	165	789	29	
BLN18-002	BLN002-102	93.98	94.99	1.01	3.4	273	738	27	
BLN18-002	BLN002-103	94.99	96.00	1.01	0.6	185	200	33	
BLN18-002	BLN002-104	96.00	97.00	1.00	0.8	671	44	123	
BLN18-002	BLN002-105	97.00	98.03	1.03	0.5	45	211	10	
BLN18-002	BLN002-106	98.03	98.96	0.93	<0.5	40	62	8	
BLN18-002	BLN002-107	98.96	99.98	1.02	<0.5	48	80	8	
BLN18-002	BLN002-109	99.98	101.08	1.10	<0.5	54	75	9	
BLN18-002	BLN002-110	101.08	102.04	0.96	<0.5	41	64	10	
BLN18-002	BLN002-112	102.04	103.11	1.07	<0.5	72	176	10	
BLN18-002	BLN002-113	103.11	104.09	0.98	<0.5	52	73	9	
BLN18-002	BLN002-114	104.09	105.08	0.99	<0.5	49	109	9	
BLN18-002	BLN002-116	105.08	106.44	1.36	<0.5	58	136	14	
BLN18-002	BLN002-117	106.44	107.11	0.67	<0.5	38	31	9	
BLN18-002	BLN002-118	107.11	108.10	0.99					
BLN18-002	BLN002-119	108.10	109.05	0.95					
BLN18-002	BLN002-120	109.05	110.00	0.95					
BLN18-002	BLN002-121	110.00	111.00	1.00					
BLN18-002	BLN002-122	111.00	112.03	1.03					
BLN18-002	BLN002-123	112.03	113.05	1.02					
BLN18-002	BLN002-124	113.05	114.00	0.95					
BLN18-002	BLN002-125	114.00	115.07	1.07					
BLN18-002	BLN002-126	115.07	116.05	0.98	<0.5	65	9	23	
BLN18-002	BLN002-127	116.05	117.23	1.18	<0.5	41	47	12	
BLN18-002	BLN002-128	117.23	117.99	0.76	<0.5	390	16	80	
BLN18-002	BLN002-130	117.99	119.00	1.01	<0.5	64	23	32	
BLN18-002	BLN002-131	119.00	120.00	1.00					
BLN18-002	BLN002-132	120.00	121.08	1.08					
BLN18-002	BLN002-134	121.08	122.03	0.95					
BLN18-002	BLN002-135	122.03	123.00	0.97					
BLN18-002	BLN002-137	123.00	123.96	0.96					
BLN18-002	BLN002-138	123.96	124.97	1.01	<0.5	45	73	9	
BLN18-002	BLN002-139	124.97	126.23	1.26	0.7	52	270	15	
BLN18-002	BLN002-140	126.23	127.27	1.04	2.6	54	101	40	
BLN18-002	BLN002-142	127.27	128.23	0.96	2.9	60	116	30	
BLN18-002	BLN002-143	128.23	129.01	0.78	1.3	89	15	44	
BLN18-002	BLN002-144	129.01	130.09	1.08	0.9	90	35	30	
BLN18-002	BLN002-145	130.09	130.74	0.65	1.4	67	89	21	
BLN18-002	BLN002-146	130.74	131.70	0.96	2.3	124	97	44	
BLN18-002	BLN002-147	131.70	132.81	1.11	0.9	54	40	24	
BLN18-002	BLN002-148	132.81	133.87	1.06	<0.5	53	94	11	





Hole ID	Sample ID	Depth From (m)	Depth To (m)	Length (m)	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
					Ag ppm	Co ppm	Cu ppm	Ni ppm	Cu %
BLN18-002	BLN002-149	133.87	134.85	0.98	<0.5	47	79	9	
BLN18-002	BLN002-150	134.85	135.90	1.05	<0.5	46	72	8	
BLN18-002	BLN002-151	135.90	136.99	1.09	<0.5	54	155	20	
BLN18-002	BLN002-152	136.99	137.93	0.94	<0.5	59	199	27	
BLN18-002	BLN002-153	137.93	139.07	1.14	<0.5	67	186	30	
BLN18-002	BLN002-155	139.07	140.10	1.03	<0.5	43	154	10	
BLN18-002	BLN002-156	140.10	141.00	0.90	<0.5	60	52	7	
BLN18-002	BLN002-157	141.00	141.86	0.86	<0.5	61	182	12	
BLN18-002	BLN002-158	141.86	143.02	1.16	<0.5	46	27	7	
BLN18-002	BLN002-160	143.02	143.98	0.96	<0.5	43	62	7	
BLN18-002	BLN002-161	143.98	144.98	1.00	<0.5	86	109	12	
BLN18-002	BLN002-163	144.98	146.00	1.02	<0.5	43	74	11	
BLN18-002	BLN002-164	146.00	146.93	0.93	<0.5	46	74	10	
BLN18-002	BLN002-165	146.93	147.91	0.98	<0.5	88	85	19	
BLN18-002	BLN002-166	147.91	148.94	1.03	<0.5	55	142	13	
BLN18-002	BLN002-167	148.94	149.93	0.99	<0.5	44	85	8	
BLN18-002	BLN002-168	149.93	151.00	1.07					
BLN18-002	BLN002-169	151.00	152.10	1.10					
BLN18-002	BLN002-171	152.10	153.23	1.13	<0.5	376	12	116	
BLN18-002	BLN002-172	153.23	154.00	0.77	<0.5	173	21	52	
BLN18-002	BLN002-173	154.00	154.96	0.96	<0.5	89	26	27	
BLN18-002	BLN002-174	154.96	155.94	0.98	<0.5	71	803	8	
BLN18-002	BLN002-175	155.94	156.99	1.05	0.6	49	1070	38	
BLN18-002	BLN002-176	156.99	158.00	1.01	<0.5	53	169	7	
BLN18-002	BLN002-177	158.00	159.15	1.15	<0.5	73	201	14	
BLN18-002	BLN002-179	159.15	160.07	0.92	<0.5	52	136	5	
BLN18-002	BLN002-181	160.07	160.99	0.92	<0.5	56	20	7	
BLN18-002	BLN002-182	160.99	161.98	0.99	<0.5	53	53	82	
BLN18-002	BLN002-183	161.98	162.95	0.97					
BLN18-002	BLN002-184	162.95	164.00	1.05					
BLN18-002	BLN002-185	164.00	165.04	1.04					
BLN18-002	BLN002-186	165.04	165.98	0.94					
BLN18-002	BLN002-188	165.98	166.93	0.95					
BLN18-002	BLN002-189	166.93	167.97	1.04					
BLN18-002	BLN002-190	167.97	169.02	1.05	<0.5	55	32	7	
BLN18-002	BLN002-191	169.02	169.95	0.93					
BLN18-002	BLN002-192	169.95	170.95	1.00					
BLN18-002	BLN002-193	170.95	172.00	1.05					
BLN18-002	BLN002-194	172.00	172.88	0.88					
BLN18-002	BLN002-196	172.88	174.05	1.17					
BLN18-002	BLN002-197	174.05	174.97	0.92					
BLN18-002	BLN002-198	174.97	175.88	0.91					
BLN18-002	BLN002-199	175.88	176.93	1.05					
BLN18-002	BLN002-200	176.93	177.91	0.98					
BLN18-002	BLN002-201	177.91	179.00	1.09					
BLN18-002	BLN002-202	179.00	180.00	1.00					
BLN18-002	BLN002-203	180.00	181.00	1.00					
BLN18-003	BLN003-001	17.00	18.01	1.01	<0.5	59	71	8	
BLN18-003	BLN003-002	18.01	19.00	0.99	<0.5	57	27	77	
BLN18-003	BLN003-003	19.00	20.00	1.00	<0.5	50	100	80	
BLN18-003	BLN003-004	20.00	21.00	1.00	<0.5	63	148	78	
BLN18-003	BLN003-006	56.08	56.96	0.88	<0.5	51	177	78	
BLN18-003	BLN003-007	78.00	79.00	1.00	<0.5	39	49	3	
BLN18-003	BLN003-008	79.00	80.07	1.07	<0.5	34	30	3	
BLN18-003	BLN003-009	80.07	81.11	1.04	<0.5	51	332	5	
BLN18-003	BLN003-010	81.11	82.09	0.98	<0.5	22	109	8	
BLN18-003	BLN003-011	82.09	83.00	0.91	<0.5	34	60	8	
BLN18-003	BLN003-013	83.00	84.13	1.13	<0.5	36	104	6	
BLN18-003	BLN003-014	84.13	84.84	0.71	<0.5	35	59	7	
BLN18-003	BLN003-015	84.84	85.85	1.01	<0.5	50	56	5	
BLN18-003	BLN003-017	85.85	86.97	1.12	<0.5	46	97	14	
BLN18-003	BLN003-018	86.97	87.94	0.97	<0.5	52	43	9	





Hole ID	Sample ID	Depth From (m)	Depth To (m)	Length (m)	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
					Ag ppm	Co ppm	Cu ppm	Ni ppm	Cu %
BLN18-003	BLN003-020	87.94	88.99	1.05	<0.5	41	54	6	
BLN18-003	BLN003-021	88.99	90.00	1.01	<0.5	46	64	10	
BLN18-003	BLN003-022	90.00	91.00	1.00	<0.5	42	85	7	
BLN18-003	BLN003-023	91.00	92.02	1.02	<0.5	53	137	6	
BLN18-003	BLN003-024	92.02	93.00	0.98	<0.5	56	847	20	
BLN18-003	BLN003-025	93.00	94.00	1.00	<0.5	45	366	14	
BLN18-003	BLN003-026	94.00	95.00	1.00	<0.5	46	197	12	
BLN18-003	BLN003-027	95.00	96.01	1.01	<0.5	60	106	14	
BLN18-003	BLN003-028	96.01	97.00	0.99	<0.5	68	170	17	
BLN18-003	BLN003-030	97.00	97.92	0.92	<0.5	30	56	11	
BLN18-003	BLN003-031	97.92	98.98	1.06	<0.5	41	58	7	
BLN18-003	BLN003-032	98.98	100.00	1.02	<0.5	46	59	7	
BLN18-003	BLN003-034	100.00	100.97	0.97	<0.5	52	124	11	
BLN18-003	BLN003-035	100.97	102.01	1.04	<0.5	53	120	11	
BLN18-003	BLN003-036	102.01	103.03	1.02	<0.5	45	55	8	
BLN18-003	BLN003-037	103.03	104.00	0.97	<0.5	56	198	12	
BLN18-003	BLN003-039	104.00	105.00	1.00	<0.5	46	44	9	
BLN18-003	BLN003-040	105.00	106.02	1.02	<0.5	48	57	8	
BLN18-003	BLN003-041	106.02	107.04	1.02	<0.5	47	64	11	
BLN18-003	BLN003-042	107.04	108.05	1.01	<0.5	47	66	10	
BLN18-003	BLN003-043	108.05	109.00	0.95	<0.5	42	56	9	
BLN18-003	BLN003-044	109.00	110.09	1.09	<0.5	43	70	9	
BLN18-003	BLN003-045	110.09	110.98	0.89	<0.5	162	62	35	
BLN18-003	BLN003-046	110.98	111.92	0.94	<0.5	46	55	6	
BLN18-003	BLN003-048	111.92	113.00	1.08	<0.5	101	73	21	
BLN18-003	BLN003-049	113.00	114.20	1.20	<0.5	52	72	11	
BLN18-003	BLN003-050	114.20	115.33	1.13	<0.5	152	9	46	
BLN18-003	BLN003-052	115.33	116.12	0.79	<0.5	178	26	32	
BLN18-003	BLN003-053	116.12	117.14	1.02	<0.5	50	78	28	
BLN18-003	BLN003-054	117.14	118.41	1.27	<0.5	61	58	14	
BLN18-003	BLN003-056	118.41	119.23	0.82	<0.5	59	61	16	
BLN18-003	BLN003-057	119.23	120.24	1.01	<0.5	83	638	14	
BLN18-003	BLN003-058	120.24	121.41	1.17	4	553	>10000	101	1.415
BLN18-003	BLN003-059	121.41	122.38	0.97	0.9	73	3610	18	
BLN18-003	BLN003-060	122.38	123.35	0.97	1.9	208	1220	64	
BLN18-003	BLN003-061	123.35	124.26	0.91	<0.5	51	217	11	
BLN18-003	BLN003-062	124.26	125.48	1.22	<0.5	47	55	13	
BLN18-003	BLN003-063	125.48	126.41	0.93	<0.5	203	48	44	
BLN18-003	BLN003-064	130.99	131.92	0.92	0.8	73	1505	47	
BLN18-003	BLN003-065	131.92	132.96	1.04	<0.5	58	201	17	
BLN18-003	BLN003-067	132.96	133.68	0.72	<0.5	49	68	17	
BLN18-003	BLN003-068	133.68	134.66	0.98	<0.5	89	392	30	
BLN18-003	BLN003-070	151.00	152.05	1.05	<0.5	78	171	46	
BLN18-003	BLN003-071	152.05	152.91	0.86	<0.5	50	50	13	
BLN18-003	BLN003-072	152.91	153.70	0.79	<0.5	114	25	57	
BLN18-003	BLN003-073	153.70	154.68	0.98	0.9	291	136	78	
BLN18-003	BLN003-074	154.68	155.71	1.03	<0.5	56	60	13	
BLN18-003	BLN003-075	155.71	156.95	1.24	<0.5	55	107	14	
BLN18-003	BLN003-076	156.95	158.00	1.05	<0.5	57	103	12	
BLN18-003	BLN003-077	158.00	159.20	1.20	<0.5	56	66	14	
BLN18-003	BLN003-078	159.20	160.15	0.95	<0.5	88	74	34	
BLN18-003	BLN003-080	160.15	161.40	1.25	<0.5	45	354	21	
BLN18-003	BLN003-081	161.40	162.26	0.86	<0.5	67	118	18	
BLN18-003	BLN003-082	162.26	163.43	1.17	<0.5	56	99	14	
BLN18-003	BLN003-084	163.43	164.34	0.91	<0.5	64	190	15	
BLN18-003	BLN003-085	164.34	165.33	0.99	<0.5	72	57	61	
BLN18-003	BLN003-086	165.33	166.30	0.97	<0.5	52	102	16	
BLN18-003	BLN003-088	166.30	167.40	1.10	<0.5	55	67	11	
BLN18-003	BLN003-089	167.40	168.76	1.36	<0.5	60	75	17	
BLN18-004	BLN004-001	5.00	6.00	1.00	<0.5	62	172	37	
BLN18-004	BLN004-002	6.00	7.00	1.00	<0.5	57	115	39	
BLN18-004	BLN004-003	7.00	8.00	1.00	<0.5	60	138	39	





Hole ID	Sample ID	Depth From (m)	Depth To (m)	Length (m)	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
					Ag ppm	Co ppm	Cu ppm	Ni ppm	Cu %
BLN18-004	BLN004-004	8.00	9.00	1.00	<0.5	53	142	35	
BLN18-004	BLN004-005	20.00	21.00	1.00	<0.5	50	184	49	
BLN18-004	BLN004-006	21.00	22.00	1.00	<0.5	47	163	46	
BLN18-004	BLN004-008	22.00	23.00	1.00	<0.5	54	189	51	
BLN18-004	BLN004-009	32.00	33.00	1.00	<0.5	42	275	53	
BLN18-004	BLN004-010	33.00	34.00	1.00	<0.5	45	222	55	
BLN18-004	BLN004-011	34.00	35.08	1.08	<0.5	53	174	78	
BLN18-004	BLN004-012	35.08	35.58	0.50	0.7	186	5850	125	
BLN18-004	BLN004-014	35.58	36.50	0.92	<0.5	50	205	81	
BLN18-004	BLN004-015	36.50	37.50	1.00	<0.5	52	163	85	
BLN18-004	BLN004-016	37.50	38.50	1.00	<0.5	55	162	95	
BLN18-004	BLN004-017	44.00	45.00	1.00	<0.5	51	245	81	
BLN18-004	BLN004-018	50.00	51.00	1.00	<0.5	52	165	103	
BLN18-004	BLN004-019	51.00	52.00	1.00	<0.5	151	127	97	
BLN18-004	BLN004-020	52.00	53.00	1.00	<0.5	40	1165	113	
BLN18-004	BLN004-021	53.00	53.60	0.60	<0.5	52	185	111	
BLN18-004	BLN004-022	53.60	54.50	0.90	<0.5	56	47	85	
BLN18-004	BLN004-023	54.50	55.00	0.50	<0.5	55	41	89	
BLN18-004	BLN004-024	55.00	56.00	1.00	<0.5	49	167	94	
BLN18-004	BLN004-025	56.00	57.00	1.00	<0.5	119	1580	92	
BLN18-004	BLN004-026	65.50	66.50	1.00	<0.5	52	144	123	
BLN18-004	BLN004-027	66.50	67.00	0.50	<0.5	63	99	95	
BLN18-004	BLN004-028	67.00	68.00	1.00	<0.5	48	90	96	
BLN18-004	BLN004-029	72.81	73.40	0.59	<0.5	50	175	98	
BLN18-004	BLN004-030	82.80	83.80	1.00	<0.5	54	72	127	
BLN18-004	BLN004-031	90.50	92.00	1.50	<0.5	9	9	27	
BLN18-004	BLN004-032	92.00	93.00	1.00	<0.5	9	17	22	
BLN18-004	BLN004-033	93.00	94.00	1.00	<0.5	6	39	24	
BLN18-004	BLN004-034	94.00	95.00	1.00	<0.5	9	37	24	
BLN18-004	BLN004-035	95.00	96.00	1.00	<0.5	7	26	23	
BLN18-004	BLN004-036	96.00	97.00	1.00	<0.5	7	85	24	
BLN18-004	BLN004-037	97.00	98.00	1.00	<0.5	7	72	28	
BLN18-004	BLN004-038	98.00	98.60	0.60	<0.5	7	62	30	
BLN18-004	BLN004-039	98.60	99.90	1.30	<0.5	6	86	30	
BLN18-004	BLN004-041	99.90	100.84	0.94	<0.5	6	150	35	
BLN18-004	BLN004-042	100.84	102.00	1.16	<0.5	5	40	37	
BLN18-004	BLN004-043	102.00	103.00	1.00	<0.5	3	18	30	
BLN18-004	BLN004-044	103.00	104.00	1.00	<0.5	5	56	29	
BLN18-004	BLN004-045	104.00	105.00	1.00	<0.5	5	44	26	
BLN18-004	BLN004-046	105.00	105.50	0.50	<0.5	4	15	29	
BLN18-004	BLN004-047	105.50	106.00	0.50	<0.5	3	283	29	
BLN18-004	BLN004-048	106.00	106.87	0.87	<0.5	4	20	29	
BLN18-004	BLN004-049	106.87	107.52	0.65	<0.5	23	125	51	
BLN18-004	BLN004-050	107.52	109.00	1.48	<0.5	54	40	84	
BLN18-004	BLN004-051	109.00	110.00	1.00	<0.5	53	38	87	
BLN18-004	BLN004-052	110.00	111.00	1.00	<0.5	52	39	81	
BLN18-004	BLN004-053	111.00	112.00	1.00	<0.5	30	29	52	
BLN18-004	BLN004-054	112.00	113.00	1.00	<0.5	3	3	27	
BLN18-004	BLN004-055	113.00	114.00	1.00	<0.5	4	1	29	
BLN18-005	BLN005-001	7.00	8.00	1.00	<0.5	37	86	8	
BLN18-005	BLN005-002	8.00	9.00	1.00	<0.5	36	88	7	
BLN18-005	BLN005-004	9.00	10.00	1.00	<0.5	138	406	31	
BLN18-005	BLN005-005	10.00	11.00	1.00	<0.5	34	97	9	
BLN18-005	BLN005-006	11.00	12.00	1.00	<0.5	140	48	68	
BLN18-005	BLN005-007	12.00	13.00	1.00	<0.5	33	71	7	
BLN18-005	BLN005-008	13.00	13.92	0.92	<0.5	37	45	5	
BLN18-005	BLN005-009	13.92	14.92	1.00	<0.5	36	70	5	
BLN18-005	BLN005-010	14.92	15.97	1.05	<0.5	35	68	4	
BLN18-005	BLN005-012	15.97	17.00	1.03	<0.5	39	83	6	
BLN18-005	BLN005-013	17.00	17.90	0.90	<0.5	155	768	40	
BLN18-005	BLN005-014	17.90	19.06	1.16	<0.5	86	152	20	
BLN18-005	BLN005-015	19.06	20.03	0.97	<0.5	44	8	17	





Hole ID	Sample ID	Depth From (m)	Depth To (m)	Length (m)	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
					Ag ppm	Co ppm	Cu ppm	Ni ppm	Cu %
BLN18-005	BLN005-016	20.03	20.99	0.96	<0.5	130	87	43	
BLN18-005	BLN005-017	20.99	21.99	1.00	<0.5	36	83	4	
BLN18-005	BLN005-018	33.40	34.00	0.60	<0.5	49	96	7	
BLN18-005	BLN005-019	34.00	34.43	0.43	<0.5	45	139	8	
BLN18-005	BLN005-020	34.43	35.00	0.57	<0.5	53	135	18	
BLN18-005	BLN005-021	35.00	35.53	0.53	<0.5	47	102	9	
BLN18-005	BLN005-022	66.50	67.53	1.03	<0.5	44	168	70	
BLN18-005	BLN005-023	67.53	68.50	0.97	<0.5	49	172	73	
BLN18-005	BLN005-024	68.50	69.53	1.03	<0.5	48	160	71	
BLN18-005	BLN005-026	69.53	70.53	1.00	<0.5	47	78	75	
BLN18-005	BLN005-027	70.53	71.51	0.98	<0.5	52	45	82	
BLN18-005	BLN005-028	71.51	72.54	1.03	<0.5	50	42	80	
BLN18-005	BLN005-029	72.54	73.53	0.99	<0.5	45	35	68	
BLN18-005	BLN005-030	73.53	74.58	1.05	<0.5	52	36	73	
BLN18-005	BLN005-031	74.58	75.31	0.73	<0.5	50	35	74	
BLN18-005	BLN005-032	75.31	76.25	0.94	<0.5	51	48	69	
BLN18-005	BLN005-034	76.25	77.10	0.85	<0.5	37	59	55	
BLN18-005	BLN005-035	77.10	78.09	0.99	<0.5	49	38	72	
BLN18-005	BLN005-036	78.09	79.00	0.91	<0.5	48	36	75	
BLN18-005	BLN005-037	79.00	80.00	1.00	<0.5	51	37	85	
BLN18-005	BLN005-038	88.48	88.98	0.50	<0.5	45	114	120	
BLN18-005	BLN005-039	88.98	89.55	0.57	<0.5	43	115	98	
BLN18-005	BLN005-040	89.55	90.05	0.50	<0.5	42	111	102	
BLN18-005	BLN005-041	90.05	90.57	0.52	<0.5	42	111	101	
BLN18-005	BLN005-042	110.26	110.75	0.49	<0.5	14	111	54	
BLN18-005	BLN005-044	110.75	111.18	0.43	<0.5	29	202	59	
BLN18-005	BLN005-045	111.18	111.68	0.50	<0.5	18	18	55	
BLN18-005	BLN005-046	119.40	120.15	0.75	<0.5	9	4	31	
BLN18-005	BLN005-047	120.15	120.70	0.55	<0.5	7	48	21	
BLN18-005	BLN005-048	120.70	121.30	0.60	<0.5	6	2	30	
BLN18-005	BLN005-049	121.30	121.80	0.50	<0.5	8	2	29	
BLN18-006	BLN006-001	8.00	9.00	1.00	<0.5	54	131	17	
BLN18-006	BLN006-002	9.00	10.00	1.00	<0.5	39	29	16	
BLN18-006	BLN006-003	10.00	11.00	1.00	<0.5	38	109	7	
BLN18-006	BLN006-004	11.00	12.00	1.00	0.7	229	191	29	
BLN18-006	BLN006-005	15.66	15.13	-0.53	<0.5	41	66	7	
BLN18-006	BLN006-006	22.95	24.00	1.05	<0.5	107	151	20	
BLN18-006	BLN006-007	25.00	25.76	0.76	0.8	69	179	11	
BLN18-006	BLN006-008	33.00	34.00	1.00	<0.5	42	87	7	
BLN18-006	BLN006-009	39.00	39.53	0.53	<0.5	87	706	10	
BLN18-006	BLN006-010	39.53	40.60	1.07	0.7	202	65	28	
BLN18-006	BLN006-011	40.60	41.60	1.00	<0.5	59	88	20	
BLN18-006	BLN006-012	41.60	42.46	0.86	<0.5	41	80	10	
BLN18-006	BLN006-013	42.46	43.20	0.74	<0.5	51	45	75	
BLN18-006	BLN006-014	43.20	43.95	0.75	<0.5	50	45	61	
BLN18-006	BLN006-015	43.95	44.90	0.95	<0.5	45	121	47	
BLN18-006	BLN006-016	44.90	46.00	1.10	<0.5	57	107	21	
BLN18-006	BLN006-017	49.70	50.24	0.54	<0.5	38	75	7	
BLN18-006	BLN006-018	61.00	62.05	1.05	<0.5	69	83	6	
BLN18-006	BLN006-019	62.05	63.00	0.95	<0.5	57	157	5	
BLN18-006	BLN006-021	63.00	63.85	0.85	<0.5	88	150	11	
BLN18-006	BLN006-022	63.85	64.40	0.55	<0.5	148	227	16	
BLN18-006	BLN006-023	64.40	64.80	0.40	<0.5	55	62	79	
BLN18-006	BLN006-024	64.80	66.00	1.20	<0.5	29	76	51	
BLN18-006	BLN006-025	66.00	67.00	1.00	<0.5	47	45	76	
BLN18-006	BLN006-026	67.00	68.00	1.00	<0.5	46	39	72	
BLN18-006	BLN006-027	68.00	69.00	1.00	<0.5	41	33	63	
BLN18-006	BLN006-028	69.00	70.00	1.00	<0.5	43	39	55	
BLN18-006	BLN006-029	70.00	71.00	1.00	<0.5	49	40	73	
BLN18-006	BLN006-030	71.00	72.00	1.00	<0.5	53	44	81	
BLN18-006	BLN006-031	72.00	73.00	1.00	<0.5	52	42	80	
BLN18-006	BLN006-032	73.00	74.00	1.00	<0.5	49	166	72	





Hole ID	Sample ID	Depth From (m)	Depth To (m)	Length (m)	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
					Ag ppm	Co ppm	Cu ppm	Ni ppm	Cu %
BLN18-006	BLN006-033	74.00	75.00	1.00	<0.5	54	42	83	
BLN18-006	BLN006-034	75.00	75.83	0.83	<0.5	53	94	69	
BLN18-006	BLN006-035	75.83	76.30	0.47	<0.5	50	38	81	
BLN18-006	BLN006-036	76.30	77.00	0.70	<0.5	55	188	48	
BLN18-006	BLN006-037	79.60	80.15	0.55	<0.5	53	181	52	
BLN18-006	BLN006-038	84.00	85.00	1.00	<0.5	52	165	55	
BLN18-006	BLN006-039	85.00	86.00	1.00	<0.5	47	99	49	
BLN18-006	BLN006-040	86.00	86.70	0.70	<0.5	59	84	54	
BLN18-006	BLN006-041	86.70	87.20	0.50	0.5	62	726	51	
BLN18-006	BLN006-043	87.20	88.00	0.80	<0.5	50	174	64	
BLN18-006	BLN006-044	88.00	89.00	1.00	<0.5	51	176	66	
BLN18-006	BLN006-045	89.00	90.00	1.00	<0.5	52	163	62	
BLN18-006	BLN006-046	105.00	106.00	1.00	<0.5	46	170	85	
BLN18-006	BLN006-047	106.00	107.00	1.00	<0.5	42	159	72	
BLN18-006	BLN006-048	107.00	108.00	1.00	<0.5	51	166	95	
BLN18-006	BLN006-049	108.00	109.00	1.00	<0.5	39	147	76	
BLN18-006	BLN006-050	109.00	110.00	1.00	<0.5	49	158	85	
BLN18-007	BLN007-001	23.29	24.53	1.24	<0.5	26	165	93	
BLN18-007	BLN007-002	24.53	25.48	0.95	<0.5	33	693	105	
BLN18-007	BLN007-003	25.48	26.31	0.83	<0.5	48	174	93	
BLN18-007	BLN007-004	26.31	27.38	1.07	<0.5	42	123	117	
BLN18-007	BLN007-005	27.38	28.33	0.95	<0.5	43	508	112	
BLN18-007	BLN007-006	28.33	29.35	1.02	<0.5	43	131	100	
BLN18-007	BLN007-008	29.35	30.30	0.95	<0.5	51	141	114	
BLN18-007	BLN007-010	0.00	31.26	31.26	<0.5	55	188	109	
BLN18-007	BLN007-011	31.26	32.18	0.92	<0.5	47	137	117	
BLN18-007	BLN007-012	32.18	33.18	1.00	<0.5	57	369	116	
BLN18-007	BLN007-013	33.18	33.75	0.57	<0.5	7	167	25	
BLN18-007	BLN007-015	33.75	34.26	0.51	<0.5	2	72	8	
BLN18-007	BLN007-016	34.67	34.67	0.00	<0.5	3	27	6	
BLN18-007	BLN007-017	34.67	35.24	0.57	<0.5	4	77	8	
BLN18-007	BLN007-018	35.24	35.84	0.60	<0.5	6	46	11	
BLN18-007	BLN007-019	35.84	36.44	0.60	<0.5	35	481	56	
BLN18-007	BLN007-020	36.44	37.07	0.63	<0.5	3	39	4	
BLN18-007	BLN007-021	37.07	37.60	0.53	<0.5	4	44	10	
BLN18-007	BLN007-022	37.60	38.22	0.62	<0.5	1	45	6	
BLN18-007	BLN007-023	38.22	38.80	0.58	<0.5	4	546	7	
BLN18-007	BLN007-025	38.80	39.32	0.52	<0.5	8	1070	9	
BLN18-007	BLN007-026	39.32	39.81	0.49	<0.5	3	891	6	
BLN18-007	BLN007-027	39.81	40.35	0.54	<0.5	2	253	9	
BLN18-007	BLN007-028	40.35	40.78	0.43	<0.5	4	931	12	
BLN18-007	BLN007-029	40.78	41.22	0.44	<0.5	8	1345	10	
BLN18-007	BLN007-030	41.22	41.78	0.56	<0.5	4	1715	11	
BLN18-007	BLN007-031	41.78	42.18	0.40	<0.5	10	7970	16	
BLN18-007	BLN007-032	42.18	42.71	0.53	<0.5	19	>10000	13	1.265
BLN18-007	BLN007-033	42.71	43.33	0.62	<0.5	5	1200	10	
BLN18-007	BLN007-034	43.33	44.07	0.74	<0.5	3	611	8	
BLN18-007	BLN007-035	44.07	44.78	0.71					
BLN18-007	BLN007-036	44.78	45.80	1.02					
BLN18-007	BLN007-037	45.80	46.87	1.07					
BLN18-007	BLN007-038	55.31	56.25	0.94					
BLN18-007	BLN007-039	56.25	57.25	1.00	<0.5	58	1460	20	
BLN18-007	BLN007-041	57.25	58.20	0.95	<0.5	30	1920	21	
BLN18-007	BLN007-042	58.20	59.18	0.98	<0.5	47	92	74	
BLN18-007	BLN007-043	59.18	59.95	0.77	<0.5	52	60	85	
BLN18-007	BLN007-044	59.95	60.90	0.95	<0.5	47	39	74	
BLN18-007	BLN007-045	60.90	61.78	0.88	<0.5	8	36	18	
BLN18-007	BLN007-046	61.78	62.90	1.12	<0.5	4	18	16	
BLN18-008	BLN008-001	13.00	14.00	1.00	<0.5	1	12	7	
BLN18-008	BLN008-002	14.00	15.00	1.00	<0.5	2	13	8	
BLN18-008	BLN008-003	15.00	16.00	1.00	<0.5	2	26	9	
BLN18-008	BLN008-004	16.00	17.00	1.00	<0.5	2	24	8	





Hole ID	Sample ID	Depth From (m)	Depth To (m)	Length (m)	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
					Ag ppm	Co ppm	Cu ppm	Ni ppm	Cu %
BLN18-008	BLN008-005	28.00	29.00	1.00	<0.5	4	30	11	
BLN18-008	BLN008-006	29.00	28.00	-1.00	<0.5	5	191	6	
BLN18-008	BLN008-007	30.00	31.00	1.00	<0.5	3	23	7	
BLN18-008	BLN008-008	35.00	36.00	1.00	<0.5	3	22	10	
BLN18-008	BLN008-009	36.00	36.50	0.50	<0.5	2	1150	6	
BLN18-008	BLN008-010	36.50	37.00	0.50	<0.5	1	1760	4	
BLN18-008	BLN008-011	37.00	38.00	1.00	<0.5	1	19	4	
BLN18-008	BLN008-012	64.00	65.20	1.20					
BLN18-008	BLN008-013	65.20	66.20	1.00					
BLN18-008	BLN008-014	66.20	67.04	0.84	<0.5	3	6	21	
BLN18-008	BLN008-015	67.04	67.50	0.46	<0.5	39	58	66	
BLN18-008	BLN008-016	67.50	68.50	1.00	<0.5	51	39	81	
BLN18-008	BLN008-017	68.50	69.40	0.90	<0.5	48	37	79	
BLN18-008	BLN008-018	69.40	70.75	1.35	<0.5	49	38	80	
BLN18-008	BLN008-019	70.75	71.75	1.00					
BLN18-008	BLN008-020	73.57	75.00	1.43					



JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where ‘industry standard’ work has been done this would be relatively simple (eg ‘reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay’). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information. 	<p>All historical data has previously been reported.</p> <p>Drilling completed in September 2018; location and length of sampled core was selected by experienced geologist.</p> <p>No sample was longer than 1.5 metre and not less than 0.4 metres and designed to not cross any major lithological boundaries. Samples were then cut in half using a core saw by trained technical support staff.</p> <p>Half core was sent to lab and the remaining half kept for verification. If there are any unusual results this will be checked visually; verification match assay and sulphide content.</p> <p>Samples were analysed by ALS Ltd in Sudbury, Canada. It is a fully accredited lab and complies with international standards ISO 9001:2000 and ISO 17025:2005.</p> <p>Mineralisation was noted visually by a competent geologist.</p> <p>Since 2001, no special sample prep procedure was necessary for the style of mineralisation. Sulphides were identified visually by geologist and generally any core containing more than a trace was submitted for assaying.</p>
Drilling techniques	<ul style="list-style-type: none"> Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	<p>All Bay Lake North drilling was NQ sized diamond drill core.</p>
Drill sample recovery	<ul style="list-style-type: none"> Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	<p>Drilling contractor was responsible for good core recovery. If core was lost or grinded, it was noted by drill operator and recorded by geologist during core description. Core recovery was good. Core has been assayed and no sample bias noted.</p>
Logging	<ul style="list-style-type: none"> Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	<p>Geological logging is quantitative based on visually identifying the metavolcanic, and mafic and felsic intrusive rocks.</p> <p>Logging of geological characteristics is qualitative. Sulphide abundances are visually estimated by the geologist.</p> <p>All of the core was photographed, as part of the logging process.</p> <p>The total length of all holes was logged.</p>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. 	<p>All core to be sampled was sawn in half and submitted for assay.</p> <p>Samples were sent to ALS Ltd in Sudbury, Canada.</p> <p>All samples were crushed up to 70% passing 2mm, a 250g split was taken and pulverised to 85% passing 75 microns.</p> <p>The samples were analysed using ME-MS61, which combines a four-acid digestion with ICP-MS for the</p>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	<p>48-element analysis. Industry standard QA/QC protocols were implemented.</p> <p>Certified reference material (CRM) standards were inserted for routine assaying along with the core samples.</p>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	<p>Core samples were analysed by ALS Ltd in Sudbury, Canada, a fully accredited lab that complies with international standards ISO 9001:2000 and ISO 17025:2005.</p> <p>The core samples were dissolved using a four-acid digestion, which can be considered as dissolving nearly all minerals. Analysis was by ICP-MS.</p> <p>ALS Ltd performed internal QAQC and values fell within acceptable ranges. Company's consultants performed QAQC checks on the standards, values fell within acceptable range.</p> <p>External laboratory checks have not been conducted as they are not deemed material to these results.</p>
Verification of sampling and assaying	<ul style="list-style-type: none"> The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	<p>Logging of the drill core was entered directly into purpose designed spreadsheets in Microsoft Excel.</p> <p>An Excel spreadsheet with all sample numbers was received electronically by the labs. A master database Excel spreadsheet was created for all the logging fields, samples, assay results and CRM's.</p> <p>The database has undergone QAQC reviews by both Company staff and consultants.</p> <p>No adjustments were made to the assay data.</p>
Location of data points	<ul style="list-style-type: none"> Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	<p>All drill holes have been located with reference to UTM NAD83 Zone 17N.</p> <p>All drill hole collars were surveyed using a DGPS providing cm accuracy.</p>
Data spacing and distribution	<ul style="list-style-type: none"> Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	<p>No record of data spacing was made available for the purposes of this announcement.</p> <p>No resource estimation is made within this announcement.</p>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	<p>Drilling was conducted to intersect the target mineralisation perpendicular to strike / dip to maximise true width of mineralised section.</p>
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<p>Samples were delivered to the lab by company staff or consultants.</p>
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<p>No results or reviews are available.</p>

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	<p>Subject to the binding agreement between the Company and Tri Origin Exploration Limited, the Company has the right to retain a 100% interest in the Bay Lake North Cobalt Project, subject to meeting various different obligations and expenditure commitments.</p> <p>The tenements are in good standing.</p>
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<p>No modern exploration has been conducted. Historical exploration and government mapping records multiple cobalt mineralised zones within the project areas but no other data is available.</p>
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. 	<p>The Bay Lake North Cobalt Project is hosted within the Cobalt Embayment, a large 150km² basin developed by a rifted continental margin which deposited thick successions of the Proterozoic-aged Huronian Supergroup sediments.</p> <p>These sediments rest unconformably on Archean granitic and mafic metavolcanic basement rocks. The Huronian Supergroup has been intruded by Nipissing Diabase sills and dykes.</p> <p>Cobalt-bearing polymetallic veins of the Cobalt Embayment are interpreted as a shallow, peripheral component of large-scale hydrothermal systems where fluid flow was focused along both the regional unconformity and reactivated faults that offset the unconformity.</p>
Drill hole Information	<ul style="list-style-type: none"> A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	<p>Dip and azimuth was determined by a Competent geologist and confirmed in field with drilling contractor.</p> <p>Drill rig was lined up by geologists.</p>
Data aggregation methods	<ul style="list-style-type: none"> In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	<p>No aggregation methods employed.</p>
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	<p>Drill holes were designed to intersect mineralised zones as close to 90 degrees, as possible.</p> <p>The number of drill intercepts was sufficient to keep good control between ore and drill angle.</p>
Diagrams	<ul style="list-style-type: none"> Appropriate maps and sections (with scales) and tabulations of intercepts should be 	<p>See Figures and Tables in this report.</p>



Criteria	JORC Code explanation	Commentary
	<i>included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i>	
Balanced reporting	<ul style="list-style-type: none">Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All assay results are included in this report.
Other substantive exploration data	<ul style="list-style-type: none">Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	Not Applicable.
Further work	<ul style="list-style-type: none">The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	No further work is being considered at Bay Lake North in the immediate future.

