

Canadian North Resources Inc. Drills 21.0 m at 1.11% Copper, 0.71% Nickel, 0.10% Cobalt, 1.29g/t Palladium, 0.15g/t Platinum and 0.05 g/t Rhodium

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And Potentially Extends Near-Surface Nickel and Copper Sulfide Zone

TORONTO, Feb. 21, 2023 - [Canadian North Resources Inc.](#) ("the Company", TSXV: CNRI; FSE:EO0 (E-O-zero)) is pleased to report the geochemical assay results for the remaining 40 holes (of total 68 holes drilled) totalling 10,550 meters (of the 18,144 metres) for the diamond drilling program completed by the Company at its 100% owned Ferguson Lake property ("Ferguson Lake Project") that contains base metals (nickel, copper, and cobalt) and platinum-group metals ("PGM", mainly palladium and platinum).

Highlights of new assay results:

- 21.0m at 1.11% Cu, 0.71% Ni, 0.10% Co, 1.29g/t Pd, 0.15g/t Pt and 0.050 g/t Rh (hole FL22-470 at 13.0 - 34.0m);
- 9.90m at 0.96% Cu, 0.58% Ni, 0.09% Co, 1.03g/t Pd, 0.17g/t Pt, 0.01g/t Rh and 0.03g/t Au (hole FL22-471 at 47.50 - 57.40m);
- 16.7m at 0.48% Cu, 0.30% Ni, 0.04% Co, 0.55g/t Pd and 0.12g/t Pt (hole FL22-469 at 200.8-217.5m);
- 7.30m at 0.83% Cu, 0.76% Ni, 0.09% Co, 1.31g/t Pd, 0.19g/t Pt, 0.047g/t Rh and 0.028 g/t Au (hole FL22-478 at 39.60 - 46.90m);
- 7.60m at 0.93% Cu, 0.26% Ni, 0.04% Co, 0.74g/t Pd and 0.14g/t Pt (hole FL22-481A at 634.8 - 642.4m);
- 8.43m at 0.64% Cu, 0.30%Ni, 0.04% Co, 0.50g/t Pd, 0.14g/t and 0.06g/t Rh (hole FL22-486 at 122.87 - 131.30m);
- 9.90m at 0.34%Cu, 0.14%Ni, 0.02%Co, 0.33g/t Pd, 0.03g/t Pt, 0.03g/t Rh and 0.20g/t Au (hole FL22-490 at 28.1-38.0m) and 20.3m at 0.36% Cu, 0.24%Ni, 0.03% Co, 0.55g/t Pd, 0.08g/t Pt, 0.02g/t Rh and 0.02g/t Au (at 43.40 - 63.70m);
- 8.50m at 0.80% Cu, 0.63%Ni, 0.08% Co, 1.63g/t Pd, 0.23g/t Pt and 0.01 g/t Rh (hole FL22-492 at 231.0 - 239.5m);
- 6.00m at 0.89%Cu, 0.44%Ni, 0.05% Co, 1.16g/t Pd, 0.26g/t Pt, 0.01g/t Rh and 0.10g/t Au (hole FL22-487 at 60.7 - 66.7m);
- 9.80m at 0.34%Cu; 0.40%Ni, 0.04%Co, 0.66g/t Pd and 0.26g/t Pt, including 3.50m at 0.86% Cu, 1.07% Ni, 0.12%Co, 1.64 g/t Pd, 0.19gPt, 0.042g/t Rh and 0.02g/t Au (Hole FL22-463 at 191.67 - 201.47m);
- 22.0m at 0.44% Cu, 0.30%Ni, 0.04% Co, 0.57g/t Pd, 0.09g/t Pt and 0.03g/t Rh, including 5.80m at 1.15% Cu, 0.73%Ni, 0.09% Co, 1.37g/t Pd, 0.23g/t Pt, 0.079g/t Rh, and 0.045g/t Au (hole FL22-494 at 28.0 - 50.0m).
- Of the 68 holes drilled, 27 infill holes confirm the continuity of the known mineralized zones for resource upgrade; and
- 37 expansion holes extend the main mineralized horizon near-surface along strike of the East Zone and the West Zone for a total of up to 1,500 metres along strike outside the block model of the mineral resource estimate (Refer to "Independent Technical Report, Updated Mineral Resource Estimate, Ferguson Lake Project, Nunavut, Canada, June 13, 2022, Prepared by Elisabeth Ronacher and Jamie Lavigne." filed by the Company to Sedar.com); and
- 4 holes testing outside the main mineralized horizon demonstrate the mineral potential of the sub-parallel trending Anomaly 51 and M zones located to the southeast of the East Zone.
- In terms of expansion potential, particularly exciting are the latest results from step-out hole FL22-486 which tested the defined continuous airborne VTEM conductor 800 metres east of the nearest furthest east historic intersection in the East Zone.
- In summary, these new assays report high assays of up to 10.0% copper, 1.81%nickel, 8.65g/t palladium, 4.43 g/t platinum, 0.186 g/t rhodium, and 2.19 g/t gold, and 49 g/t silver.

"We are excited with the additional drilling results that have confirmed the extensions of the mineralized zones outside the recent resource model (Refer to "Independent Technical Report, Updated Mineral

Resource Estimate, Ferguson Lake Project, Nunavut, Canada, June 13, 2022, Prepared by Elisabeth Ronacher and Jamie Lavigne." filed by the Company to Sedar.com)" Said Dr. Kaihui Yang, the President and CEO of the Company, "The drilling results to date will expand the block model and significantly enlarge the high-grade and near-surface mineral resources for the potential mine development of the Ferguson Lake Project."

"The drilling programs completed to date indicate the potential for further resource expansion at Ferguson Lake." Said Dr. Trevor Boyd, the Vice President for Exploration of the Company, "The results have confirmed the continuity of the mineralized zones and expanded the near-surface mineralized zones along the strike and down dip. These results justify more aggressive drilling programs and engineering work for the Ferguson Lake project in 2023 and beyond."

A total of 18,144 meters have been drilled in 68 holes to infill or step out from the historic holes that were previously drilled in the West Zone and the East Zone. The mineralized horizon hosting significant metal grades and widths (>2.5 meters) has been intersected in 62 out of the 68 holes. All the holes hit the mineralized zones as expected, confirming that the mineralized zones extend along strike and at depth beyond the presently defined resource boundaries for a total potential extension of the zones of approximately 1,500 metres. The new assay results are summarized in Table 1. These, together with the assay results released earlier (refer to the news release on September 12, 2022), will be added to the dataset to improve the block model and to update the Mineral Resource estimate that was announced on June 13, 2022 (Refer to "Independent Technical Report, Updated Mineral Resource Estimate, Ferguson Lake Project, Nunavut, Canada, June 13, 2022, Prepared by Elisabeth Ronacher and Jamie Lavigne." filed by the Company to Sedar.com).

West Zone (Figure 1):

In the West Zone, a total of 38 holes were drilled with 15 infilled holes and 23 expansion holes each stepping out 50-100 meters from the previous holes and confirmed the northward down-dip extension of main West and West Extension mineralized zones for 100-200 meters from the recently updated resource model (Refer to "Independent Technical Report, Updated Mineral Resource Estimate, Ferguson Lake Project, Nunavut, Canada, June 13, 2022, Prepared by Elisabeth Ronacher and Jamie Lavigne." filed by the Company to Sedar.com) and its near-surface strike extension to the east and west of the West Zone for a total potential extension of approximately 800 metres.

The assay results for those drill holes confirmed the near-surface base metal and PGM massive sulfide zones and the underlying and widening PGM-enriched low sulfide zones. The near-surface sulfide zones are massive sulfide, semi-massive sulfide and disseminated sulfide zone, with variable intersections (up to 31 m) and grades (up to 10.0% copper, 1.81% nickel, 0.40% cobalt, 2.45g/t palladium, 0.50 g/t platinum, 0.186 g/t rhodium, and 2.19 g/t gold, and 49 g/t silver). Gold, silver and rhodium are intermittently enriched along the mineralization zones in the vicinity of ultramafic rocks.

The underlain PGM-enriched low-sulfide mineralization is wide with variable intersections (up to 36m) and grades of PGM (up to 8.65g/t palladium, 4.43 g/t platinum). Copper and nickel are low in general for this type of mineralization but enriched in multiple thin layers (usually <2.5 meters) of massive or semi-massive sulfide within the thick PGM-mineralized intersections (Table 1).

Figure 1: Ferguson Lake Project - West Zone: infill and expansion drill holes completed by the Company.

East Zone (Figure 2):

In detail, 4,675 metres in 26 holes were drilled in the East Zone, with 12 infilled holes and 14 expansion holes along the near surface mineralization that has been historically drilled since the 1950s. The expansion holes were stepped out by 50 to 100 meters each from previous holes and confirmed the strike extension of the mineralization to the west and east of the East Zone for approximately 700 metres. In particular, two drill holes (FL22-486 and 486A) confirmed a new eastern extension of the mineralized zone along the strike about 800 meters from the previous hole (Inco hole 9452). In addition, four holes successfully tested

adjacent near-surface satellite mineralized horizons (M-Zone and A51 Zone) to the southeast of the East Zone with encouraging results.

The additional assay results for the drill holes confirmed the near-surface massive, semi-massive and disseminated base metal and PGM sulfide zones, with variable intersections (up to 21 m) and grades (up to 4.01% copper, 1.07% nickel, 0.20% cobalt, 2.73g/t palladium, 1.38g/t platinum, 0.10g/t rhodium, 0.25g/t gold, 12g/t silver). The PGM-enriched low sulfide mineralization was also found with variable intersections (up to 11 m in hole FL22-475) and grades (1-2.0 g/t palladium and platinum) beneath the near-surface massive sulfide zone, although all the drill holes were drilled shallow (<250 m deep) to expand the near-surface mineral resources.

Figure 2 Ferguson Lake Project - East Zone: infill and expansion drill holes completed by the Company.

Table 1 Selected significant intersections for the drill holes (previously unreleased) at Ferguson Lake

Hole	From	To	Width (m)	Cu%	Ni%	Co%	Pd g/t	Pt g/t	Rh g/t	Au g/t
FL22-461	111.50	115.50	4.00	0.08	0.09	0.03	0.35	0.13		
Including	114.50	115.50	1.00	0.14	0.28	0.12	1.06	0.27	0.003	0.011
	182.90	186.50	3.60	0.53	0.14	0.02	0.28	0.06		
Including	182.92	183.76	0.84	1.81	0.47	0.06	0.90	0.08	0.026	0.031
	197.00	203.00	6.00	0.02	0.03	0.01	0.34	0.26		
FL22-462	93.50	96.25	2.75	0.46	0.12	0.03	0.33	0.08		
Including	95.33	95.70	0.37	0.64	0.57	0.16	1.48	0.21	0.022	0.008
	145.30	145.75	0.45	1.27	0.88	0.13	1.63	0.18	0.057	0.011
	209.00	213.50	4.50	0.02	0.05	0.01	0.45	0.10		
	218.40	221.00	2.60	0.13	0.09	0.02	0.87	0.31		
Including	219.40	221.00	1.60	0.19	0.09	0.02	1.08	0.42	0.005	0.001
FL22-463	138.00	138.50	0.50	0.52	0.19	0.06	0.29	0.13	0.020	0.001
	191.67	201.47	9.80	0.34	0.40	0.04	0.66	0.26		
Including	191.67	195.17	3.50	0.86	1.07	0.12	1.64	0.19	0.042	0.020
Including	193.67	195.17	1.50	1.11	0.96	0.10	1.57	0.16	0.033	0.023
	215.00	217.00	2.00	0.31	0.15	0.04	0.31	0.08	0.005	0.001
	248.00	260.00	12.00	0.00	0.03	0.00	0.34	0.93		
Including	248.00	249.50	1.50	0.00	0.03	0.01	0.16	4.43	0.001	0.001
	267.50	269.00	1.50	0.01	0.03	0.01	0.73	0.25	0.001	0.001
FL22-464	207.00	214.30	7.30	0.46	0.44	0.05	0.64	0.15	0.010	
Including	208.36	210.23	1.87	0.33	1.11	0.12	1.17	0.22	0.023	0.005
FL22-465	154.85	155.00	0.15	0.41	1.20	0.05	1.18	0.07	0.005	0.021
	195.80	199.80	4.00	0.31	0.15	0.02	0.33	0.08		
Including	195.80	195.97	0.17	0.06	1.15	0.12	1.09	0.36	0.006	0.011
Including	199.44	199.85	0.41	1.44	0.08	0.02	0.33	0.04	0.003	0.026
	238.50	249.00	10.50	0.01	0.03	0.00	0.44	0.12		
Including	247.50	249.00	1.50	0.00	0.04	0.01	1.75	0.03	0.002	0.001
	255.00	261.00	6.00	0.01	0.03	0.00	0.45	0.19		
	419.80	432.40	12.60	0.02	0.06	0.01	0.48	0.17		
Including	419.77	420.22	0.45	0.10	0.56	0.07	2.41	0.03	0.002	0.002
Including	432.00	432.40	0.40	0.19	0.04	0.01	8.19	0.50	0.001	0.015
FL22-466	195.50	203.00	7.50	0.13	0.05	0.01	0.35	0.10		
Including	196.06	196.30	0.24	2.00	0.34	0.03	0.83	0.14	0.010	0.031
	219.00	221.00	2.00	0.02	0.03	0.01	2.65	0.85		

Including	220.00	220.60	0.60	0.06	0.03	0.01	8.65	2.76	0.001	0.004
	237.50	239.50	2.00	0.02	0.07	0.01	0.40	0.63		
	253.00	257.00	4.00	0.01	0.04	0.01	0.85	0.43		
Including	254.00	255.00	1.00	0.01	0.04	0.01	1.84	1.32	0.001	0.005
FL22-467	162.00	162.30	0.30	0.41	0.66	0.09	0.99	0.26	0.038	0.039
	203.80	209.00	5.20	0.19	0.10	0.02	0.51	1.04		
Including	203.77	204.02	0.25	2.27	0.10	0.01	0.52	0.17	0.004	0.406
Including	207.50	209.00	1.50	0.01	0.03	0.00	0.87	3.09	0.001	0.001
	254.00	264.00	10.00	0.01	0.04	0.01	1.19	0.20		
Including	257.00	258.50	1.50	0.02	0.04	0.01	4.44	0.84	0.001	0.006
FL22-468	211.00	212.00	1.00	1.30	0.14	0.02	0.24	0.03	0.001	0.032
	242.80	252.60	9.80	0.90	0.11	0.03	0.34	0.03		
Including	242.78	244.00	1.22	0.97	0.28	0.15	0.48	0.12	0.009	0.051
Including	252.00	252.63	0.63	10.00	0.27	0.04	2.25	0.16	0.001	0.292
	282.00	291.00	9.00	0.04	0.06	0.01	0.71	0.28		
Including	282.00	283.00	1.00	0.03	0.08	0.01	2.06	0.87	0.003	0.003
FL22-469	177.00	178.00	1.00	0.11	0.29	0.06	0.53	0.09	0.003	0.013
	185.15	188.80	3.65	0.47	0.70	0.07	0.96	0.17	0.030	
Including	185.15	187.30	2.15	0.69	1.17	0.12	1.57	0.26	0.053	0.025
	200.80	217.50	16.70	0.48	0.30	0.04	0.55	0.12		
Including	204.00	205.50	1.50	1.02	1.17	0.13	2.16	0.14	0.009	0.022
Including	214.60	216.00	1.40	1.18	1.12	0.13	1.81	0.18	0.019	0.034
	253.00	254.00	1.00	0.27	0.16	0.02	0.72	0.13	0.002	0.002
	263.00	266.00	3.00	0.00	0.03	0.01	0.57	1.08	0.004	0.001
FL22-470	13.00	34.00	21.00	1.11	0.71	0.10	1.29	0.15	0.050	
Including	13.00	13.50	0.50	5.41	0.27	0.40	1.63	0.36	0.059	0.101
Including	17.50	19.50	2.00	0.75	1.04	0.13	1.69	0.01	0.096	0.015
Including	22.50	24.50	2.00	2.60	0.63	0.08	1.33	0.10	0.065	0.027
	48.00	52.00	4.00	0.36	0.15	0.02	0.31	0.06		
FL22-471	44.00	45.10	1.10	0.44	0.42	0.05	0.71	0.06	0.022	0.014
	47.50	57.40	9.90	0.96	0.58	0.09	1.03	0.17	0.010	0.030
Including	52.00	53.00	1.00	2.85	0.74	0.20	1.45	0.15	0.056	0.078
Including	55.00	56.00	1.00	1.36	0.80	0.09	1.51	0.11	0.006	0.029
FL22-472	83.40	87.00	3.60	0.27	0.32	0.04	0.62	0.13		
Including	83.40	84.90	1.50	0.45	0.73	0.08	1.37	0.14	0.043	0.006
	93.50	102.50	9.00	0.17	0.05	0.01	0.85	0.24		
Including	98.00	99.50	1.50	0.86	0.13	0.03	0.52	0.45	0.017	0.023
	110.00	113.00	3.00	0.41	0.33	0.03	0.68	0.07		
	111.50	113.00	1.50	0.52	0.57	0.05	1.18	0.10	0.036	0.002
FL22-473	107.60	110.50	2.90	0.45	0.24	0.04	0.54	0.11		
Including	108.80	109.30	0.50	0.18	0.86	0.09	1.45	0.31	0.056	0.007
	151.15	154.45	3.30	0.02	0.02	0.01	0.48	0.29		
FL22-474	183.50	186.50	3.00	0.04	0.04	0.01	0.79	0.09		
	207.50	210.50	3.00	0.01	0.03	0.01	0.59	0.18		
FL22-475	64.10	65.05	0.95	0.75	0.36	0.06	0.68	0.06	0.018	0.020
	114.50	125.50	11.00	0.02	0.08	0.01	0.23	0.30		
Including	114.50	116.00	1.50	0.01	0.03	0.01	0.23	1.55	0.003	0.001
Including	124.90	125.50	0.60	0.18	1.05	0.09	1.72	0.25	0.090	0.009
FL22-476	57.70	74.20	16.50	0.33	0.18	0.02	0.58	0.44		
Including	57.70	58.26	0.56	0.36	0.53	0.06	1.06	0.12	0.029	0.014
Including	61.75	62.25	0.50	0.36	0.43	0.05	1.13	0.24	0.036	0.009
Including	64.05	65.00	0.95	0.57	0.06	0.02	2.73	1.38	0.002	0.021

Including	65.70	66.41	0.71	0.18	0.56	0.06	1.24	0.26	0.032	0.013
Including	68.00	68.32	0.32	4.01	0.70	0.08	1.66	0.38	0.037	0.246
Including	68.90	69.06	0.16	0.10	1.07	0.11	1.45	0.05	0.011	0.009
Including	72.48	72.98	0.50	0.19	0.86	0.07	1.11	0.23	0.010	0.007
Including	73.67	74.18	0.51	0.47	0.40	0.06	0.71	0.08	0.015	0.016
FL22-477	32.70	48.50	15.80	0.15	0.18	0.03	0.34	0.07		
Including	32.70	33.56	0.86	0.37	0.57	0.11	0.93	0.12	0.045	0.015
Including	40.30	41.25	0.95	0.67	0.94	0.11	1.51	0.17	0.009	0.010
Including	44.10	44.28	0.18	0.06	0.96	0.08	1.30	0.04	0.001	0.008
Including	47.57	48.50	0.93	0.41	0.55	0.08	1.02	0.23	0.005	0.019
	114.20	115.40	1.20	0.76	0.05	0.01	0.03	0.00	0.001	0.101
	130.38	131.10	0.72	0.08	0.29	0.05	0.52	0.00	0.001	0.020
FL22-478	39.60	46.90	7.30	0.83	0.76	0.09	1.31	0.19	0.047	0.028
Including	39.60	44.00	4.40	1.05	0.98	0.12	1.66	0.24	0.064	0.031
Including	41.80	42.80	1.00	2.13	0.89	0.11	1.64	0.37	0.066	0.042
Including	44.27	44.58	0.31	0.48	0.97	0.12	1.85	0.33	0.067	0.029
Including	45.53	46.27	0.74	0.37	0.90	0.11	1.58	0.22	0.041	0.025
Including	46.27	46.90	0.63	1.25	0.24	0.03	0.45	0.03	0.014	0.042
	54.20	58.10	3.90	0.65	0.25	0.04	0.46	0.07	0.020	
Including	57.76	58.11	0.35	0.26	0.77	0.07	0.84	0.08	0.059	0.018
	63.50	68.91	5.40	0.26	0.17	0.02	0.30	0.03		
Including	67.15	67.70	0.55	0.58	0.93	0.10	1.33	0.05	0.050	0.014
FL22-479	50.15	53.85	3.70	0.36	0.18	0.02	0.28	0.04		
Including	50.15	50.44	0.29	0.18	0.87	0.10	1.39	0.11	0.008	0.015
Including	51.10	52.66	1.56	0.77	0.08	0.01	0.16	0.05	0.006	0.040
Including	53.50	53.85	0.35	0.06	0.52	0.05	0.55	0.05	0.026	0.010
	115.50	118.00	2.50	0.41	0.19	0.04	0.47	0.12		
Including	116.40	116.95	0.55	1.01	0.65	0.13	1.34	0.21	0.074	0.006
FL22-480	24.50	25.50	1.00	0.20	0.19	0.03	0.51	0.26	0.015	0.013
	32.00	33.50	1.50	0.48	0.08	0.04	0.25	0.40	0.002	0.014
	39.50	41.00	1.50	0.58	0.07	0.01	0.17	0.04	0.008	0.023
	49.50	51.70	2.20	0.46	0.45	0.04	1.02	0.14		
Including	49.46	49.78	0.32	0.30	0.64	0.06	2.23	0.28	0.049	0.024
Including	50.37	50.88	0.51	0.37	0.68	0.06	1.17	0.09	0.017	0.011
Including	51.18	51.70	0.52	0.29	0.79	0.08	1.43	0.28	0.012	0.010
FL22-481A	634.80	642.40	7.60	0.93	0.26	0.04	0.74	0.14		
Including	634.80	635.77	0.97	3.39	0.84	0.10	1.96	0.26	0.109	0.070
Including	641.00	642.42	1.42	2.43	0.71	0.12	1.88	0.18	0.044	0.058
	750.00	755.00	5.00	0.07	0.14	0.02	0.63	0.07		
Including	750.00	750.50	0.50	0.13	0.18	0.03	1.23	0.26	0.004	0.009
Including	754.12	755.00	0.88	0.30	0.57	0.06	2.57	0.23	0.012	0.011
	792.00	803.00	11.00	0.03	0.05	0.01	0.48	0.11		
Including	792.00	793.00	1.00	0.02	0.06	0.01	1.01	0.04	0.006	0.011
Including	802.00	803.00	1.00	0.05	0.07	0.01	1.13	0.20	0.002	0.001
FL22-483	66.50	69.50	3.00	0.01	0.03	0.01	0.46	0.24		
	82.50	83.60	1.10	0.40	0.27	0.04	0.55	0.09		
Including	83.30	83.60	0.30	0.52	0.89	0.12	1.57	0.10	0.005	0.016
FL22-484	38.03	45.03	7.00	0.42	0.23	0.03	0.40	0.08		
Including	40.70	41.20	0.50	2.36	0.12	0.02	0.51	0.06	0.035	0.023
Including	43.93	45.03	1.10	0.37	0.80	0.10	1.30	0.20	0.032	0.005
FL22-484A	39.67	41.77	2.10	0.45	0.75	0.09	1.29	0.07		
Including	39.67	40.52	0.85	0.41	1.08	0.13	1.73	0.06	0.151	0.007

Including	40.52	41.28	0.76	0.69	0.78	0.09	1.58	0.11	0.122	0.018
	113.28	114.02	0.74	1.24	0.05	0.01	0.05	0.01	0.001	0.019
FL22-485	26.00	29.40	3.40	0.13	0.20	0.02	0.42	0.07	0.040	
Including	26.80	27.30	0.50	0.29	0.89	0.07	1.34	0.24	0.135	0.005
FL22-486	122.87	131.30	8.43	0.64	0.30	0.04	0.50	0.14	0.060	
Including	122.87	123.20	0.33	0.51	0.58	0.04	1.08	0.16	0.101	0.009
Including	125.40	125.80	0.40	0.36	0.86	0.11	1.21	0.13	0.146	0.025
Including	126.76	127.45	0.69	0.19	1.12	0.13	1.43	0.07	0.177	0.001
Including	127.45	128.59	1.14	1.78	0.47	0.06	0.84	0.50	0.090	0.028
Including	130.40	131.30	0.90	1.71	0.20	0.03	0.51	0.32	0.052	0.059
	135.54	140.54	5.00	0.28	0.27	0.05	0.55	0.06	0.050	
Including	135.85	136.53	0.68	0.19	1.07	0.12	1.85	0.08	0.184	0.006
Including	140.10	140.54	0.44	0.07	0.39	0.04	0.99	0.10	0.001	0.005
FL22-486A	119.55	120.00	0.45	0.20	0.27	0.09	0.47	0.11	0.004	0.008
	121.80	125.00	3.20	0.26	0.31	0.04	0.58	0.07	0.070	
Including	121.77	122.09	0.32	0.27	0.96	0.10	1.21	0.18	0.117	0.009
Including	122.63	122.88	0.25	0.31	0.79	0.09	2.11	0.23	0.097	0.015
	136.70	139.20	2.50	0.33	0.27	0.04	0.46	0.09	0.010	
Including	136.75	137.72	0.97	0.29	0.56	0.07	0.88	0.12	0.001	0.008
Including	138.98	139.18	0.20	2.12	0.23	0.10	0.84	0.33	0.001	0.050
	192.50	195.10	2.60	0.25	0.04	0.01	0.16	0.04	0.001	0.104
FL22-487	47.90	54.90	7.00	0.30	0.13	0.02	0.44	0.10		
including	47.86	48.77	0.91	1.37	0.44	0.05	1.20	0.17	0.037	0.062
including	49.30	49.70	0.40	0.13	0.46	0.05	1.15	0.45	0.022	0.008
including	52.20	53.15	0.95	1.51	0.22	0.08	0.70	0.14	0.005	0.081
	60.70	66.70	6.00	0.89	0.44	0.05	1.16	0.26	0.010	0.100
including	60.68	61.83	1.15	1.15	0.27	0.04	0.73	0.16	0.017	0.267
including	63.02	66.70	3.68	1.00	0.63	0.07	1.64	0.38	0.006	0.076
FL22-488	76.05	76.60	0.55	0.29	0.93	0.10	1.31	0.17	0.087	0.007
	82.50	90.20	7.70	0.30	0.13	0.02	0.34	0.10		
Including	89.44	90.23	0.79	0.29	0.50	0.06	1.12	0.26	0.001	0.013
	95.40	95.55	0.15	0.28	0.52	0.03	0.89	0.18	0.002	0.014
FL22-489	37.60	46.70	9.10	0.28	0.24	0.03	0.45	0.07	0.030	0.060
Including	37.60	38.94	1.34	0.13	0.03	0.01	0.05	0.01	0.001	0.399
Including	41.45	42.35	0.90	0.26	0.76	0.09	1.54	0.18	0.085	0.017
Including	43.13	44.00	0.87	0.51	0.64	0.09	0.50	0.11	0.075	0.021
Including	44.46	45.10	0.64	0.41	0.58	0.07	1.22	0.16	0.049	0.037
FL22-490	28.10	38.00	9.90	0.34	0.14	0.02	0.33	0.03	0.030	0.200
Including	28.48	29.00	0.52	1.04	0.20	0.05	0.67	0.05	0.045	0.214
Including	30.98	31.70	0.72	1.22	0.07	0.01	0.32	0.02	0.012	0.343
	43.40	63.70	20.30	0.36	0.24	0.03	0.55	0.08	0.020	0.020
Including	51.89	52.64	0.75	0.39	0.98	0.11	1.78	0.18	0.050	0.011
Including	53.24	53.59	0.35	0.10	1.00	0.11	2.47	0.11	0.056	0.007
Including	63.15	63.66	0.51	0.58	0.71	0.08	1.57	0.18	0.003	0.025
FL22-491	222.90	226.20	3.30	0.66	0.23	0.04	0.63	0.10		
Including	222.90	224.40	1.50	1.24	0.26	0.04	0.96	0.16	0.021	0.053
FL22-492	41.00	42.00	1.00	0.44	0.01	0.01	0.01	0.01	0.001	0.128
	231.00	239.50	8.50	0.80	0.63	0.08	1.63	0.23	0.010	
Including	237.73	239.00	1.27	1.72	0.29	0.04	0.87	0.25	0.007	0.046
	241.00	241.80	0.80	0.58	0.20	0.03	0.53	0.14	0.004	0.026
FL22-493	56.35	56.62	0.27	0.38	0.39	0.09	1.43	0.14	0.012	0.032
	66.50	71.10	4.60	0.33	0.27	0.04	0.84	0.11		

Including	66.50	67.00	0.50	1.41	0.06	0.01	0.28	0.01	0.001	0.066
Including	67.50	69.40	1.90	0.28	0.55	0.08	1.66	0.21	0.019	0.008
Including	70.95	71.15	0.20	0.90	0.64	0.04	2.41	0.34	0.007	0.059
FL22-494	15.50	17.00	1.50	0.03	0.02	0.00	0.03	0.00	0.002	2.190
	28.00	50.00	22.00	0.44	0.30	0.04	0.57	0.09	0.030	
Including	36.64	42.44	5.80	1.15	0.73	0.09	1.37	0.23	0.079	0.045
	204.50	207.50	3.00	0.11	0.07	0.01	0.51	0.17	0.020	
FL22-498	312.50	320.00	7.50	0.22	0.19	0.02	0.44	0.04		
Including	312.50	313.50	1.00	0.21	0.56	0.06	1.40	0.08	0.018	0.009
Including	318.80	320.00	1.20	1.01	0.30	0.03	0.81	0.09	0.023	0.025
	386.00	389.00	3.00	0.02	0.06	0.01	0.45	0.07		
FL22-499	297.50	300.00	2.50	0.06	0.32	0.03	0.76	0.15		
Including	299.36	300.05	0.69	0.19	0.96	0.08	2.26	0.37	0.023	0.015
	318.50	320.80	2.30	0.40	0.13	0.03	0.48	0.04		
	320.35	320.85	0.50	1.35	0.44	0.12	2.01	0.19	0.044	0.013

Quality Assurance and Quality Control (QA/QC):

[Canadian North Resources Inc.](#) has implemented a quality control program for its Ferguson Lake Project to ensure best practice in the sampling and analysis of the drill cores, which includes the insertion of blanks, duplicates, and certified standards into the sample stream. NQ-sized drill core is saw cut with half of the remaining drill core sampled at intervals based on geological criteria including previous historic results, lithology, visual mineralization, and alteration. The remaining part of the core is stored on-site on the property.

Drill core samples are shipped by bonded carriers in secured containers and submitted to the ALS Geochemistry Yellowknife, Northwest Territories facility for sample preparation and forwarded to the ALS Geochemistry facility in North Vancouver, British Columbia for geochemical analyses. PGE and Gold analyses are obtained via industry standard fire assay with ICP-AES finish for Au, Pt and Pd and ICP-MS finish for Rh using 30g nominal sample weights. For samples returning greater than 10 g/t follow-up fire assay analysis with a gravimetric finish is completed. Samples are also analysed for 33 trace and major elements by ICP-AES following four-acid digestion. ALS Global quality systems conform to requirements of ISO/IEC Standard 17025 guidelines and meets assay requirements outlined for NI 43-101.

The sampling and QA/QC program were undertaken by Company personnel under the direction and supervision of Qualified Person Dr. Trevor Boyd, P.Geo. A secure chain of custody is maintained in storing and transporting of all samples.

Qualified Person:

The technical contents of this news release have been reviewed by Dr. Trevor Boyd, P.Geo., a qualified person as defined by Canadian National Instrument 43-101 standards.

About Canadian North Resources Inc.:

[Canadian North Resources Inc.](#) is an exploration and development company focusing on the metals for the clean-energy, electric vehicles, battery and high-tech industries. The company is advancing its 100% owned Ferguson Lake nickel, copper, cobalt, palladium, and platinum project in Nunavut, Canada.

The Ferguson Lake mining property contains substantial resources in compliance with NI43-101 standards, which include Indicated Mineral Resources of 24.3 million tonnes containing 455 million pounds (Mlb) copper at 0.85%, 321Mlb nickel at 0.60%, 37.5Mlb cobalt at 0.07%, 1.08 million ounces (Moz) palladium at 1.38gpt and 0.18Moz platinum at 0.23gpt; Inferred Mineral Resources of 47.2 million tonnes containing 947Mlb copper at 0.91%, 551.5Mlb nickel at 0.53%, 62.4Mlb cobalt at 0.06%, 2.12Moz palladium at 1.4gpt and 0.38Moz platinum at 0.25gpt. The resource model indicates significant potential for resource expansion

along strike and at depth over the 15 km long mineralized belt. (Refer to "Independent Technical Report, Updated Mineral Resource Estimate, Ferguson Lake Project, Nunavut, Canada, June 13, 2022, Prepared by Elisabeth Ronacher and Jamie Lavigne." filed by the Company to Sedar.com).

Further information please visit the website at www.cnresources.com or contact:

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Certain statements contained in this news release, including statements which may contain words such as "expects", "anticipates", "intends", "plans", "believes", "estimates", or similar expressions, and statements related to matters which are not historical facts, are forward-looking information within the meaning of applicable securities laws. Such forward-looking statements, which reflect management's expectations regarding the Company's future growth, results of operations, performance, business prospects and opportunities, are based on certain factors and assumptions and involve known and unknown risks and uncertainties which may cause the actual results, performance, or achievements to be materially different from future results, performance, or achievements expressed or implied by such forward-looking statements.

These factors should be considered carefully, and readers should not place undue reliance on the Company's forward-looking statements. The Company believes that the expectations reflected in the forward-looking statements contained in this news release and the documents incorporated by reference herein are reasonable, but no assurance can be given that these expectations will prove to be correct. In addition, although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. The Company undertakes no obligation to release publicly any future revisions to forward-looking statements to reflect events or circumstances after the date of this news or to reflect the occurrence of unanticipated events, except as expressly required by law.

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