



**CANADA NICKEL**  
COMPANY

## **Canada Nickel Announces Positive Exploration Results and Confirms New Discovery at Mann Township Properties**

### **Highlights**

- Positive results continue at Mann West with 28 of 31 holes with intervals greater than 0.3% nickel including 0.52% nickel over 37.5 metres in MAN24-61 within 0.28% nickel over 356 metres
- New discovery at Mann South with MAN24-81 delivering 0.24% nickel over 508 metres
- Several holes with anomalous PGM horizons such as 0.82 g/t Pt+Pd over 18.6 metres and 0.77 g/t Pt+Pd over 24.5 metres in MAN24-100C at Mann South
- Over 117,000 metres successfully drilled on 14 properties to date in 2024 as part of regional exploration program – on-track to deliver six additional resources in 2025

**TORONTO, December 11, 2024 – Canada Nickel Company Inc. ("Canada Nickel" or the "Company")** (TSXV: CNC) (OTCQX: CNIKF) is pleased to announce additional successful results from its 2024 exploration program from three separate properties at Mann West, Mann Central, and Mann South.

As part of its ongoing regional exploration program, the Company has now successfully drilled over 117,000 metres on 14 properties, including the Mann properties, all located within 100 kilometres of Timmins, Ontario in the Timmins Nickel District.

CEO Mark Selby said, "Today we announce another set of excellent results from our 2024 regional exploration program from three separate targets as we continue to unlock the potential of the Timmins Nickel District. Today's results confirm the significance of the discovery of Mann West with strong mineralization across a strike length of 1.7 kilometres long by 0.6 kilometres wide, and remaining open in multiple direction. The Company also confirms an excellent new discovery at Mann South while providing further positive results at Mann Central. We look forward to publishing six additional resources, in addition to Crawford and Deloro, from now through the first half of 2025, clearly demonstrating the scale of the nickel sulphide potential of the Timmins Nickel District."

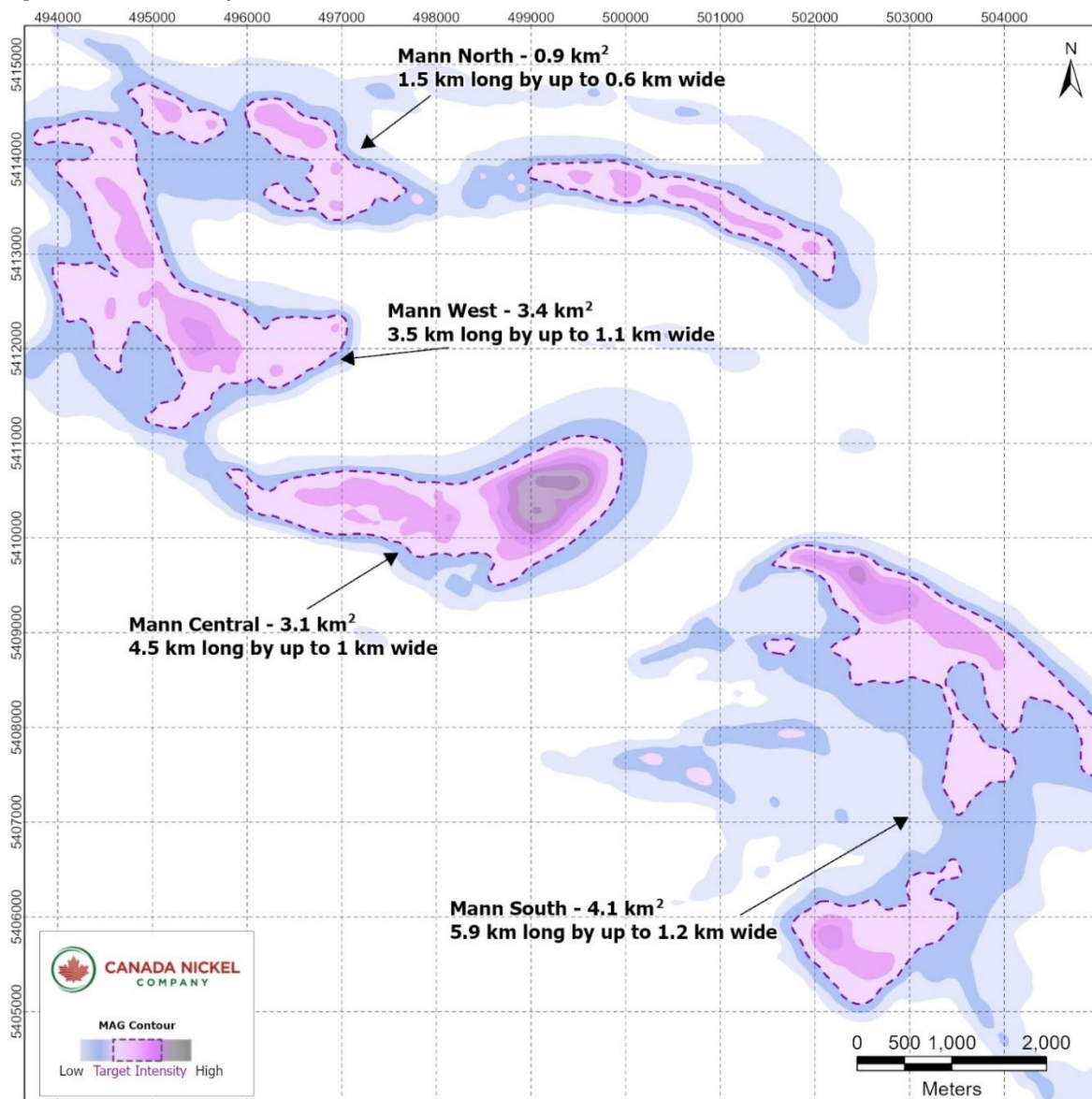
### **Mann Property**

The Mann property is located 22 kilometres east of Crawford between Timmins and Cochrane and is 80% owned by Canada Nickel and 20% by Noble Mineral Exploration. The Company has completed a drill program on four separate targets within the property in 2024, Mann North, Mann West (together formerly Mann Northwest), Mann Central and Mann South. (Figure 1). This release provides an assay update from 31 holes, 16 holes at Mann West, 11 holes at Mann South, and four holes at Mann Central.

## Mann West

Mann West is approximately 3.5 kilometres long by up to 1.1 kilometres wide (covering 3.4 square kilometres). The drill program completed focused on the southern half of the target with drilling completed over a strike length of 1.7 kilometres and a width of at least 600 metres. All drillholes intersected long sections of well-serpentinized peridotite and minor dunite with disseminated and visible nickel sulphide mineralization consisting primarily of pentlandite and heazlewoodite. The Company has drilled a total of 39 holes to date at Mann West (Figure 2), with 31 holes drilled during the 2024 program. With this drilling, the Company has completed the first phase of exploration that is required for an initial resource estimate, expected in the first quarter of 2025. Assays from 16 additional holes are presented in this release.

Figure 1 - Mann Properties

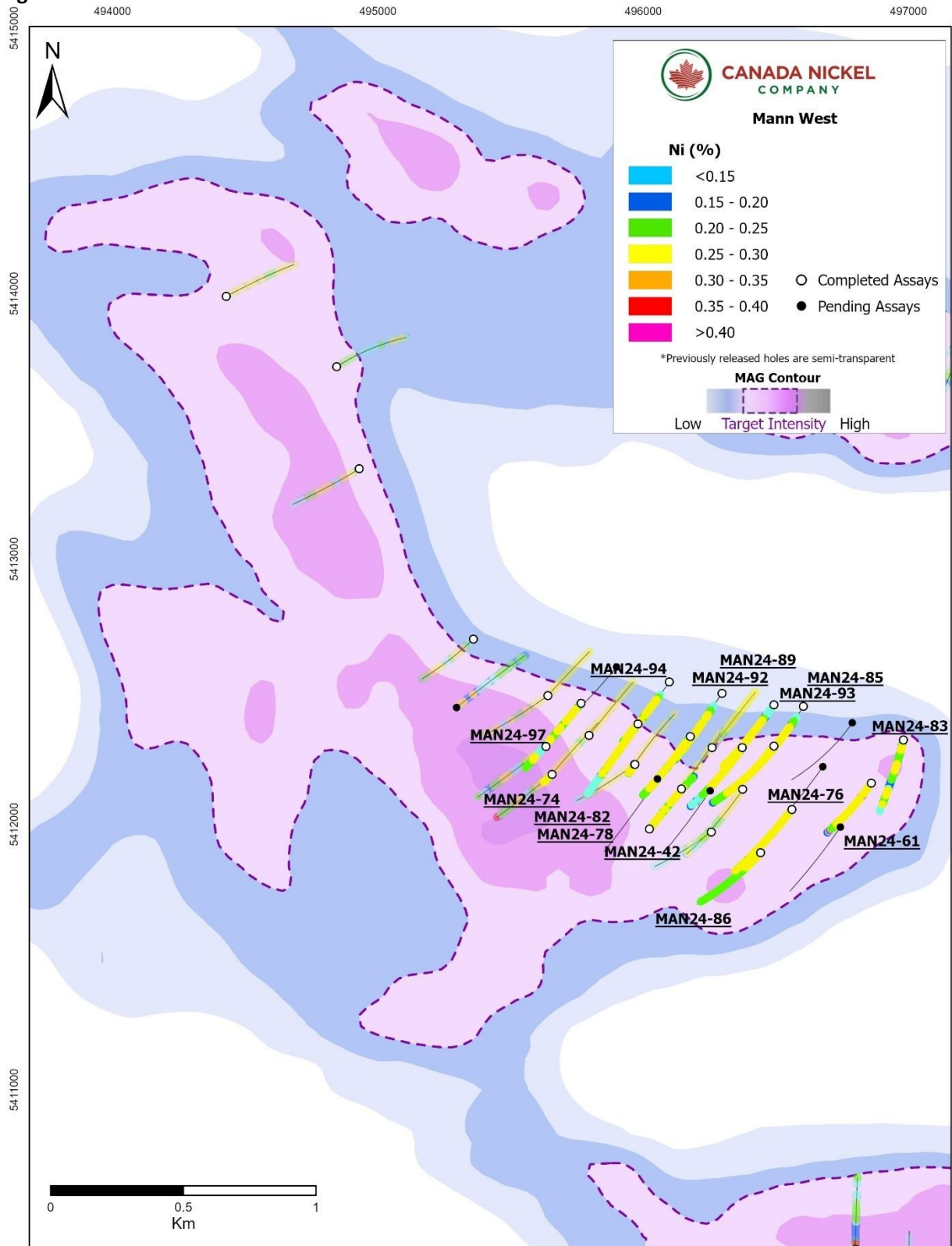


**Table 1 – Drilling highlights Mann Properties**

Hole ID	From (m)	To (m)	Length (m)*	Ni %	Co %	Pd g/t	Pt g/t	Cr %	Fe %	S %
<b>Mann West</b>										
MAN24-42	9.0	345.2	336.2	0.24	0.012	0.004	0.007	0.20	6.40	0.068
and	371.7	402.0	30.3	0.19	0.010	0.003	0.005	0.38	6.82	0.053
MAN24-61	17.8	374.3	356.5	0.28	0.012	0.033	0.017	0.26	5.98	0.133
<b>including</b>	<b>75.0</b>	<b>112.5</b>	<b>37.5</b>	<b>0.52</b>	<b>0.013</b>	<b>0.107</b>	<b>0.058</b>	<b>0.14</b>	<b>5.80</b>	<b>0.203</b>
MAN24-70	18.0	501.0	483.0	0.24	0.011	0.007	0.008	0.27	6.12	0.067
including	144.0	172.5	28.5	0.29	0.011	0.007	0.007	0.14	5.52	0.076
MAN24-73	74.2	500.4	426.2	0.25	0.012	0.009	0.009	0.25	6.30	0.061
MAN24-74	7.9	278.5	270.6	0.19	0.014	0.027	0.016	0.40	7.40	0.057
<b>including</b>	<b>25.5</b>	<b>31.5</b>	<b>6.0</b>	<b>0.31</b>	<b>0.013</b>	<b>0.028</b>	<b>0.013</b>	<b>0.82</b>	<b>6.67</b>	<b>0.125</b>
and	318.0	402.0	84.0	0.24	0.013	0.003	0.005	0.16	7.45	0.026
MAN24-76	12.6	495.0	482.4	0.26	0.011	0.011	0.010	0.16	5.95	0.042
including	81.0	117.0	36.0	0.29	0.012	0.036	0.014	0.16	6.11	0.089
<b>and</b>	<b>162.0</b>	<b>196.5</b>	<b>34.5</b>	<b>0.31</b>	<b>0.011</b>	<b>0.010</b>	<b>0.012</b>	<b>0.13</b>	<b>5.24</b>	<b>0.024</b>
MAN24-78	19.4	402.0	382.6	0.24	0.013	0.012	0.010	0.38	6.54	0.053
<b>including</b>	<b>261.0</b>	<b>294.0</b>	<b>33.0</b>	<b>0.30</b>	<b>0.013</b>	<b>0.031</b>	<b>0.021</b>	<b>0.52</b>	<b>6.67</b>	<b>0.100</b>
<b>including</b>	<b>274.5</b>	<b>282.0</b>	<b>7.5</b>	<b>0.41</b>	<b>0.015</b>	<b>0.057</b>	<b>0.027</b>	<b>0.72</b>	<b>6.95</b>	<b>0.178</b>
MAN24-82	22.0	481.5	459.5	0.21	0.012	0.017	0.016	0.37	6.76	0.047
including	61.5	360.0	298.5	0.25	0.012	0.019	0.013	0.35	6.17	0.050
<b>including</b>	<b>255.0</b>	<b>277.5</b>	<b>22.5</b>	<b>0.30</b>	<b>0.013</b>	<b>0.025</b>	<b>0.014</b>	<b>0.58</b>	<b>5.91</b>	<b>0.069</b>
MAN24-83	6.0	403.0	397.0	0.21	0.013	0.016	0.011	0.58	7.43	0.087
including	144.0	195.9	51.9	0.27	0.014	0.030	0.024	0.68	7.87	0.064
and	305.5	336.0	30.5	0.27	0.013	0.019	0.009	0.60	6.30	0.080
MAN24-85	69.0	493.0	424.0	0.25	0.012	0.012	0.008	0.26	6.25	0.042
MAN24-86	14.2	462.0	447.8	0.23	0.012	0.006	0.006	0.41	6.33	0.027
MAN24-89	99.0	191.2	92.2	0.22	0.012	0.013	0.009	0.47	6.71	0.042
and	210.6	428.9	218.3	0.24	0.012	0.009	0.008	0.35	6.31	0.053
<b>including</b>	<b>386.0</b>	<b>395.0</b>	<b>9.0</b>	<b>0.35</b>	<b>0.013</b>	<b>0.054</b>	<b>0.020</b>	<b>0.75</b>	<b>6.45</b>	<b>0.120</b>
MAN24-92	27.4	426.9	399.5	0.25	0.012	0.016	0.008	0.39	6.27	0.046
<b>including</b>	<b>267.0</b>	<b>286.5</b>	<b>19.5</b>	<b>0.34</b>	<b>0.015</b>	<b>0.083</b>	<b>0.034</b>	<b>0.66</b>	<b>6.57</b>	<b>0.114</b>
<b>and</b>	<b>324.0</b>	<b>349.5</b>	<b>25.5</b>	<b>0.30</b>	<b>0.012</b>	<b>0.037</b>	<b>0.015</b>	<b>0.57</b>	<b>6.29</b>	<b>0.125</b>
and	433.6	501.0	67.4	0.20	0.013	0.013	0.021	0.50	7.35	0.047
MAN24-93	18.0	391.0	373.0	0.24	0.012	0.009	0.007	0.34	6.43	0.039
and	406.8	470.0	63.2	0.16	0.011	0.005	0.004	0.36	7.34	0.031
MAN24-94	102.0	501.0	399.0	0.24	0.012	0.012	0.009	0.39	6.50	0.039
<b>including</b>	<b>400.5</b>	<b>415.5</b>	<b>15.0</b>	<b>0.30</b>	<b>0.011</b>	<b>0.044</b>	<b>0.021</b>	<b>0.57</b>	<b>6.57</b>	<b>0.083</b>
MAN24-97	18.0	360.0	342.0	0.21	0.013	0.015	0.009	0.37	6.63	0.053
and	406.5	501.0	94.5	0.23	0.012	0.003	0.003	0.39	7.10	0.021

\*True width undetermined. All lengths are drillhole lengths.

Figure 2 - Mann West



## Mann South

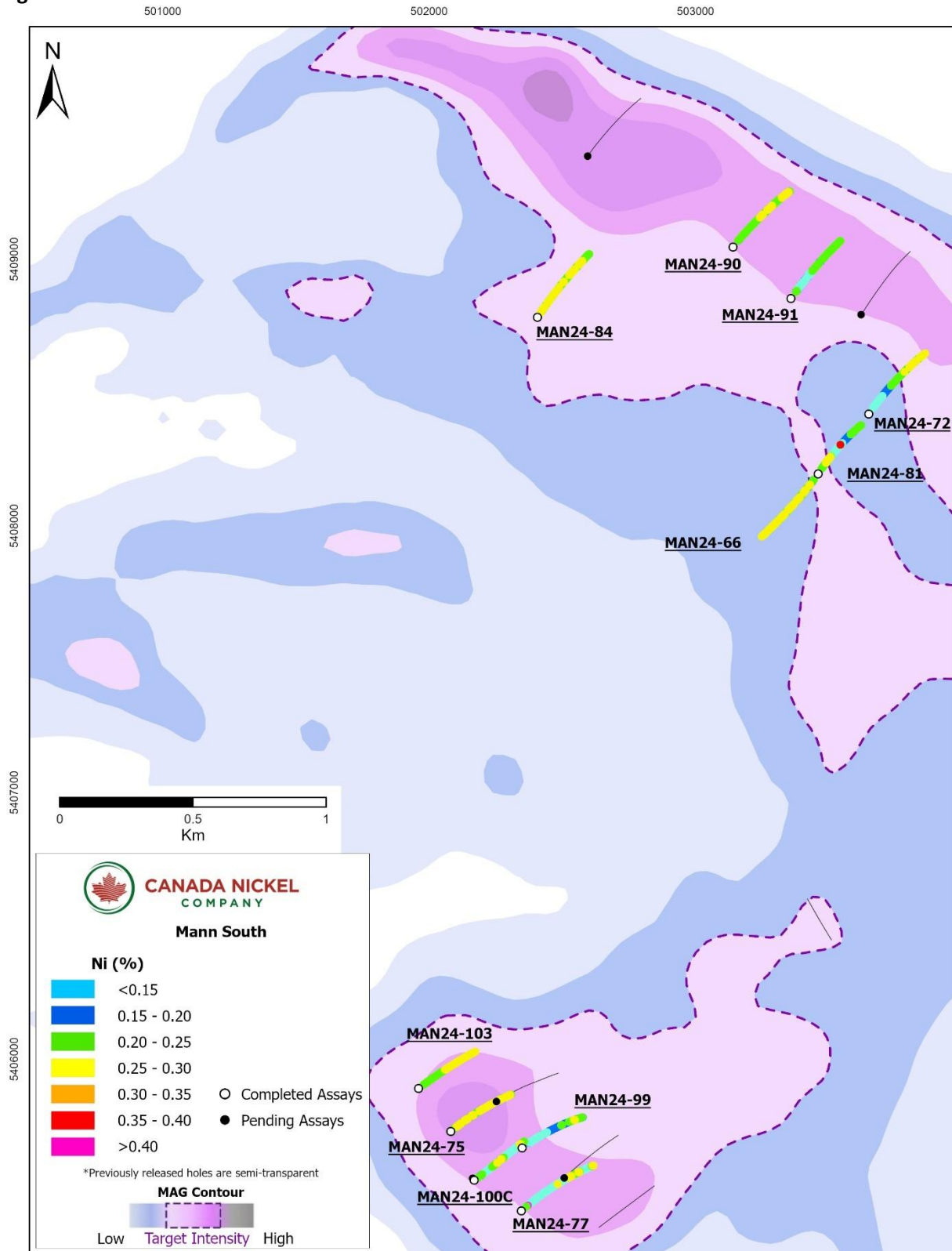
This target is approximately 5.9 kilometres long by up to 1.2 kilometres wide, having an arcuate and irregular shape, with an overall area of 4.1 square kilometres. The Company's drill program at Mann South started in August 2024 consisting of 20 drillholes, all of which intersected serpentinized peridotite and dunite. Assay results for 11 drillholes are provided in this release with nine drillhole assay results still pending. Mineralogical analyses are underway to help identify and prioritize the best areas, although almost half of the strike length of the target remains untested (Figure 3).

**Table 2 – Mann South drilling Highlights**

Hole ID	From (m)	To (m)	Length (m)*	Ni %	Co %	Pd g/t	Pt g/t	Cr %	Fe %	S %
Mann South										
MAN24-66	39.0	139.5	100.5	0.23	0.013	0.003	0.003	0.29	8.03	0.070
and	187.5	402.0	214.5	0.18	0.013	0.003	0.004	0.43	6.61	0.019
MAN24-72	54.5	501.0	446.5	0.20	0.013	0.005	0.006	0.43	6.80	0.019
MAN24-75	16.9	420.0	403.1	0.24	0.010	0.018	0.006	0.30	7.92	0.051
<b>MAN24-77</b>	<b>39.0</b>	<b>46.0</b>	<b>7.0</b>	<b>0.44</b>	<b>0.017</b>	<b>0.051</b>	<b>0.126</b>	<b>0.57</b>	<b>9.28</b>	<b>0.036</b>
and	60.0	448.5	388.5	0.14	0.014	0.019	0.013	0.41	6.96	0.016
MAN24-81	44.3	552.0	507.7	0.24	0.011	0.003	0.003	0.38	7.55	0.056
MAN24-84	28.4	501.0	472.6	0.24	0.011	0.003	0.003	0.42	7.70	0.057
MAN24-90	49.3	501.0	451.7	0.23	0.012	0.004	0.005	0.37	6.33	0.015
MAN24-91	49.0	323.3	274.3	0.17	0.013	0.004	0.004	0.44	6.93	0.043
and	338.7	483.0	144.3	0.22	0.012	0.003	0.003	0.37	6.13	0.021
MAN24-99	51.3	402.0	350.7	0.17	0.013	0.004	0.012	0.46	6.60	0.011
MAN24-100C	21.0	112.4	91.4	0.16	0.014	0.036	0.096	0.37	7.46	0.010
and	131.0	172.0	41.0	0.22	0.012	0.010	0.010	0.61	5.69	0.031
and	340.5	378.4	37.9	0.19	0.013	0.005	0.003	0.56	6.52	0.027
MAN24-103	34.0	402.0	368	0.24	0.012	0.027	0.003	0.36	7.67	0.016

\*True width undetermined. All lengths are drillhole lengths.

**Figure 3 - Mann South**



## Mann Central

The outline of the ultramafic body at Mann Central is estimated by magnetics to be 4.5 kilometres long and between 0.5 to 1.0 kilometres wide (or 3.1 square kilometres). Drilling at this target was completed during the spring/summer of 2024 and now totals 32 drillholes, 27 of which were drilled during the 2024 program. Mineralization is more consistent near the center of the target over an area of 1.9 kilometres by 600 metres (1.1 square kilometres). This release provides an update for four drillholes (Table 3), all of which intersected peridotite.

Anomalous platinum group metals (PGM) consisting of platinum (Pt) and palladium (Pd) were identified in several holes, predominantly within pyroxenite units near the peridotite contacts on all properties (Table 4).

**Table 3 – Mann Central drilling Highlights**

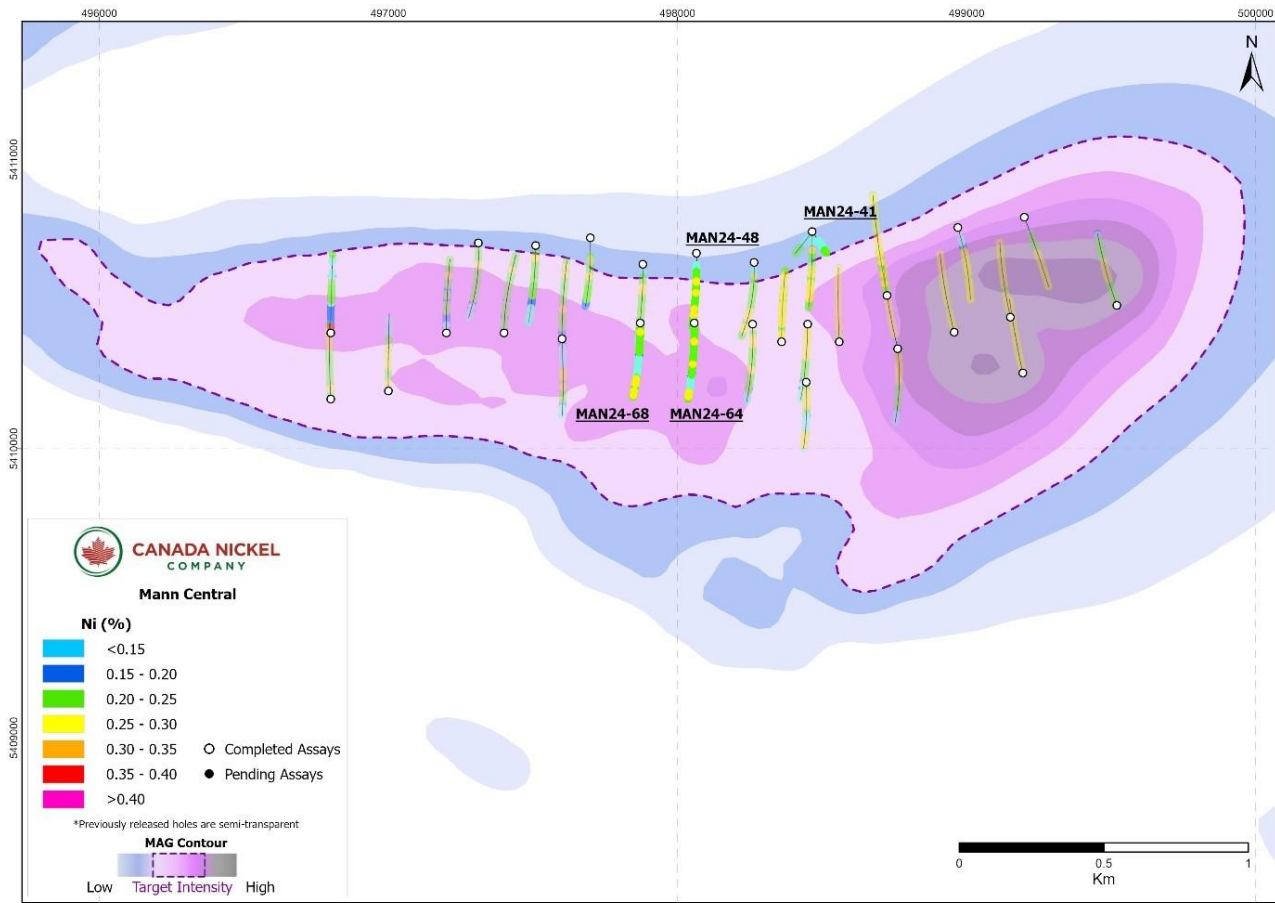
Hole ID	From (m)	To (m)	Length (m)*	Ni %	Co %	Pd g/t	Pt g/t	Cr %	Fe %	S %
<b>Mann Central</b>										
MAN24-41	111.9	153.0	41.1	0.18	0.012	0.004	0.005	0.52	7.42	0.096
MAN24-48	75.0	402.0	327.0	0.21	0.011	0.005	0.006	0.29	6.58	0.084
<b>including</b>	<b>148.5</b>	<b>157.5</b>	<b>9.0</b>	<b>0.35</b>	<b>0.015</b>	<b>0.019</b>	<b>0.008</b>	<b>0.14</b>	<b>8.73</b>	<b>0.199</b>
MAN24-64	14.3	48.5	34.2	0.22	0.012	0.005	0.008	0.18	6.66	0.584
and	55.8	334.9	279.1	0.19	0.012	0.014	0.017	0.40	7.00	0.053
MAN24-68	366.0	406.0	40.0	0.24	0.012	0.003	0.006	0.15	8.77	0.028

\*True width undetermined. All lengths are drillhole lengths.

**Table 4 – Mann Properties PGM Highlights**

Hole ID	From (m)	To (m)	Length (m)	Pt+Pd (g/t)	Pd (g/t)	Pt (g/t)	Ni (%)	Co (%)	Cr (%)	Fe (%)	S (%)
<b>Mann West</b>											
<b>MAN24-74</b>	278.5	309.0	30.5	0.48	0.28	0.20	0.037	0.007	0.394	5.763	0.011
<b>MAN24-82</b>	<b>481.5</b>	<b>501.0</b>	<b>19.5</b>	<b>0.52</b>	<b>0.28</b>	<b>0.24</b>	<b>0.024</b>	<b>0.007</b>	<b>0.324</b>	<b>5.919</b>	<b>0.014</b>
<b>MAN24-97</b>	378.5	400.5	22	0.40	0.23	0.17	0.040	0.008	0.360	5.179	0.018
<b>Mann South</b>											
<b>MAN24-66</b>	160.0	180.7	20.7	0.49	0.33	0.16	0.026	0.005	0.362	3.957	0.017
<b>MAN24-72</b>	44.0	54.5	10.5	0.37	0.12	0.24	0.037	0.009	0.313	5.849	0.011
<b>MAN24-77</b>	<b>37.0</b>	<b>60.0</b>	<b>23</b>	<b>0.55</b>	<b>0.16</b>	<b>0.39</b>	<b>0.216</b>	<b>0.012</b>	<b>0.409</b>	<b>6.386</b>	<b>0.016</b>
and	444.0	457.5	13.5	0.34	0.10	0.24	0.098	0.013	0.596	6.776	0.015
and	492.0	529.5	37.5	0.35	0.14	0.21	0.055	0.008	0.499	5.450	0.008
<b>MAN24-100C</b>	<b>75.0</b>	<b>91.5</b>	<b>16.5</b>	<b>0.53</b>	<b>0.11</b>	<b>0.42</b>	<b>0.131</b>	<b>0.013</b>	<b>0.314</b>	<b>6.600</b>	<b>0.011</b>
and	112.4	131.0	18.6	0.82	0.31	0.51	0.064	0.009	0.474	5.288	0.006
and	172.0	196.5	24.5	0.77	0.32	0.46	0.048	0.009	0.518	5.375	0.007
<b>Mann Central</b>											
<b>MAN24-64</b>	334.9	351.5	16.6	0.52	0.33	0.19	0.043	0.008	0.371	5.291	0.019

**Figure 4 - Mann Central**



**Table 5: Drillhole Orientation**

Hole ID	Easting (mE)	Northing (mN)	Azimuth (°)	Dip (°)	Length (m)
<b>MANN WEST</b>					
MAN24-42	496024	5411983	35	-50	402
MAN24-61	496859	5412156	215	-50	402
MAN24-70	496492	5412296	215	-50	501
MAN24-73	496604	5412445	215	-50	500
MAN24-74	495656	5412189	215	-85	402
MAN24-76	496560	5412057	215	-50	495
MAN24-78	495969	5412226	215	-85	402
MAN24-82	495980	5412379	215	-50	501
MAN24-83	496980	5412318	215	-50	450
MAN24-85	496493	5412451	215	-50	493
MAN24-86	496442	5411894	215	-50	489
MAN24-89	496297	5412494	215	-50	495
MAN24-92	496177	5412332	215	-50	501
MAN24-93	496373	5412289	215	-50	471



MAN24-94	496098	5412537	215	-50	501
MAN24-97	495765	5412456	220	-50	501
<b>MANN SOUTH</b>					
MAN24-66	503460	5408195	35	-50	402
MAN24-72	503650	5408420	35	-50	501
MAN24-75	502081	5405730	55	-50	420
MAN24-77	502345	5405431	50	-50	540
MAN24-81	503460	5408195	220	-50	552
MAN24-84	502406	5408781	35	-50	501
MAN24-90	503140	5409045	35	-50	501
MAN24-91	503358	5408852	35	-50	483
MAN24-99	502349	5405667	55	-50	402
MAN24-100C	502169	5405546	55	-50	378
MAN24-103	501960	5405890	55	-50	402
<b>MANN CENTRAL</b>					
MAN24-41	498466	5410751	145	-55	153
MAN24-48	498066	5410676	180	-50	402
MAN24-64	498058	5410435	180	-50	406
MAN24-68	497871	5410435	180	-50	402

### **Statement Regarding TSX Venture**

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

### **Quality Assurance and Control, Drilling and Assaying**

Edwin Escarraga, MSc, P.Geo., a "qualified person" within the meaning of National Instrument 43-101 – *Standards of Disclosure for Mineral Projects*, is responsible for the on-going drilling and sampling program, including quality assurance (QA) and quality control (QC). The core is collected from the drill in sealed core trays and transported to the core logging facility. The core is marked and sampled at 1.5 metre lengths and cut with a diamond blade saw. One set of samples is transported in secured bags directly from the Canada Nickel core shack to Actlabs Timmins, while a second set of samples is securely shipped to SGS Lakefield for preparation, with analysis performed at SGS Burnaby. All are ISO/IEC 17025 accredited labs. Analysis for precious metals (gold, platinum and palladium) are completed by Fire Assay while analysis for nickel, cobalt, sulphur and other elements are performed using a peroxide fusion and ICP-OES analysis. Certified standards and blanks are inserted at a rate of 3 QA/QC samples per 20 core samples making a batch of 60 samples that are submitted for analysis.

### **Qualified Person and Data Verification**

Stephen J. Balch P.Geo. (ON), VP Exploration of Canada Nickel and a "qualified person" within the meaning of National Instrument 43-101 – *Standards of Disclosure for Mineral Projects*, has verified the data

disclosed in this news release, and has otherwise reviewed and approved the technical information in this news release on behalf of Canada Nickel Company Inc.

### **About Canada Nickel Company**

Canada Nickel Company Inc. is advancing the next generation of nickel-sulphide projects to deliver nickel required to feed the high growth electric vehicle and stainless steel markets. Canada Nickel Company has applied in multiple jurisdictions to trademark the terms NetZero Nickel™, NetZero Cobalt™, NetZero Iron™ and is pursuing the development of processes to allow the production of net zero carbon nickel, cobalt, and iron products. Canada Nickel provides investors with leverage to nickel in low political risk jurisdictions. Canada Nickel is currently anchored by its 100% owned flagship Crawford Nickel-Cobalt Sulphide Project in the heart of the prolific Timmins-Cochrane mining camp. For more information, please visit [www.canadanickel.com](http://www.canadanickel.com).

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### **Cautionary Statement Concerning Forward-Looking Statements**

This press release contains certain information that may constitute "forward-looking information" under applicable Canadian securities legislation. Forward looking information includes, but is not limited to, drill and exploration results relating to the target properties described herein (the "Properties"), the significance of drill results, the ability to continue drilling, the impact of drilling on the definition of any resource, the potential of the Crawford Nickel Sulphide Project and the Properties, timing and completion (if at all) of mineral resource estimates, the ability to sell marketable materials, strategic plans, including future exploration and development plans and results, and corporate and technical objectives. Forward-looking information is necessarily based upon several assumptions that, while considered reasonable, are subject to known and unknown risks, uncertainties, and other factors which may cause the actual results and future events to differ materially from those expressed or implied by such forward-looking information. Factors that could affect the outcome include, among others: future prices and the supply of metals, the future demand for metals, the results of drilling, inability to raise the money necessary to incur the expenditures required to retain and advance the property, environmental liabilities (known and unknown), general business, economic, competitive, political and social uncertainties, results of exploration programs, risks of the mining industry, delays in obtaining governmental approvals, failure to obtain regulatory or shareholder approvals. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information. All forward-looking information contained in this press release is given as of the date hereof and is based upon the opinions and estimates of management and information available to management as at the date hereof. Canada Nickel disclaims any intention or obligation to update or revise any forward-looking information, whether because of new information, future events or otherwise, except as required by law.