



## Nuinsco Reports Additional Drill Results From Prairie Lake Rare Metals Project

*Positive results enhance overall economic potential of multi-commodity project*

**Toronto, October 20, 2011** – Nuinsco Resources Limited (“Nuinsco”)(TSX:NWI, [www.nuinsco.ca](http://www.nuinsco.ca)) today reported the balance of drill results from the most recent program conducted at its superbly located, readily accessible, Prairie Lake rare metals project in northwestern Ontario. The holes returned widespread and extensive niobium (Nb<sub>2</sub>O<sub>5</sub>) and phosphorous (P<sub>2</sub>O<sub>5</sub>) analyses in conjunction with tantalum and rare earths.

“The ongoing accumulation of impressive and prospective results from the project only serves to reinforce the Company’s opinion that Prairie Lake is an undervalued asset within its property portfolio,” said Paul Jones, President.

The results from the six holes reported here continue to demonstrate strong niobium and phosphorus mineralization, with rare earth elements (REEs) and tantalum (Ta), over very significant sampling lengths. Intervals of elevated assays were obtained from all holes and include 183.88m grading 3.49% P<sub>2</sub>O<sub>5</sub> and 0.109% Nb<sub>2</sub>O<sub>5</sub> in NP1002 and 294m grading 3.14% P<sub>2</sub>O<sub>5</sub> and 0.121% Nb<sub>2</sub>O<sub>5</sub> in NP1004. When combined with previous drilling and trenching results they define an enormous domain of rock mineralized with elements of economic interest.

“These results will enhance the Exploration Target Mineralization Inventory (ETMI) already estimated at 330-360 Mt,” Mr. Jones added. “In addition to the niobium grade, which compares favourably with the Nb<sub>2</sub>O<sub>5</sub> resource grade reported for other projects in Canada, positive phosphorous, tantalum and rare earth element results combined with a location adjacent to power, road, rail and shipping facilities enhance the prominence of Prairie Lake.”

Hole ID	From (m)	To (m)	Width (m)	P <sub>2</sub> O <sub>5</sub> (%)	Nb <sub>2</sub> O <sub>5</sub> (%)	U (ppm)	Ta (ppm)	Y+La+Ce+Nd+Sm (ppm)
<b>NP1002</b>	1.12	185	183.88	3.49	0.109	42.7	6.0	1351
	200	230	30	3.39	0.083	27.4	11.6	1441
<b>NP1003</b>	2.76	40.45	37.69	3.18	0.175	60.6	14.2	1754
	93.2	147.5	54.3	4.63	0.141	86.4	21.0	1679
	181.7	274.8	93.1	3.05	0.141	41.2	12.3	1421
	299	397.5	98.5	3.33	0.127	37.2	14.8	1231
	410.6	601	190.4	3.36	0.106	34.0	7.8	1444
<b>NP1004</b>	157.24	169.4	12.16	5.40	0.053	28.0	9.2	1925
	176	193.6	17.6	5.17	0.049	25.3	8.9	1728
	218	225.5	7.5	10.13	0.073	43.9	20.0	2982
	284	289.9	5.9	7.04	0.069	37.5	17.7	2815
	305	599	294	3.14	0.121	42.9	11.9	1672
<b>NP1005</b>	0	259.9	259.9	2.84	0.138	45.9	12.2	1593
	323.8	362	38.2	5.02	0.053	23.9	9.5	1616
<i>including</i>	336.27	336.71	0.44	23.08	0.024	41.6	7.8	5618
<b>NP1006</b>	154.3	193.05	38.75	4.32	0.074	23.2	3.6	3780

	255.45	290	34.55	3.02	0.050	19.7	11.5	1200
	302	599	297	3.92	0.072	33.1	7.1	1549
<b>NP1007</b>	4.5	200	195.5	3.74	0.106	47.4	19.3	1908
	211.15	214.5	3.35	5.21	0.062	70.9	21.6	1614.2
	255.5	282.5	27	3.68	0.039	15.4	8.6	1286.6
	427.16	429.06	1.9	0.08	0.040	32.5	0.2	8715

During November and December 2010, Nuinsco conducted approximately 4,000 m of drilling at Prairie Lake. Seven inclined holes, each 500-605m in length, were drilled in the eastern part of the 2.8km<sup>2</sup> near circular Prairie Lake Carbonatite Complex. Drilling was conducted in a scissor pattern with holes oriented at 60 and 240 degrees. A total of 1,263 samples were collected from the holes comprising a total of about 1,709m of sampled core length (predominantly carbonatite). Drilling was done near the "High Grade Showing" zone, SE of Anomaly Lake (see map) in anticipation of extending the SW Target Zone defined in the 2010 Exploration Target Mineralization Inventory (ETMI) to the northeast.

Given the significant scale of the mineralization identified at Prairie Lake and the results of the exploration programs conducted so far, Nuinsco is actively advancing its program of process testing. Initial testing has shown that the mineralization at Prairie Lake, which is easily excavated using simple quarry mining methods, can be upgraded using non-optimized techniques to produce a concentrate containing more than 23% P<sub>2</sub>O<sub>5</sub> using low cost flotation methods (see press release dated February 4, 2010). Concentrates exceeding 30% P<sub>2</sub>O<sub>5</sub> are considered achievable using an optimized process. The process testing program, currently ongoing, will also evaluate production of a niobium concentrate.

#### **About Prairie Lake**

Located about 45 kilometres northwest of Marathon, Ontario, Nuinsco's Prairie Lake property covers the entire 2.8 km<sup>2</sup> (at surface) Prairie Lake Carbonatite Complex and is easily accessible from the TransCanada Highway. The Prairie Lake Project hosts a near-surface historic (non-NI-43-101-compliant) resource of over 180,000 tonnes grading 0.09% U<sub>3</sub>O<sub>8</sub> (1.656 lb/tonne) and 0.25% niobium identified in limited exploration dating from the mid-1960s. In addition, a 330 million-360 million tonne National Instrument 43-101-compliant Prairie Lake ETMI<sup>1</sup>, announced by news release on January 13, 2010, is based on only 12% of the total surface area of the Prairie Lake project, demonstrating the huge scale and potential economic significance of this multi-commodity deposit. The ETMI estimates known mineralization at between 330 and 360 million tonnes averaging 3.5% to 3.7% P<sub>2</sub>O<sub>5</sub> and 0.12% to 0.14% Nb<sub>2</sub>O<sub>5</sub> (1.2 to 1.4 kg/tonne). In addition to phosphorous and niobium, the suite of minerals of economic significance includes tantalum (Ta), uranium (U) and REEs (1,490-1,536 ppm combined, including lanthanum (La), cerium (Ce), samarium (Sm), neodymium (Nd) and yttrium (Y)).

<sup>1</sup> The potential quantity and grade of the ETMI is conceptual in nature and there has been insufficient exploration to define a mineral resource. It is uncertain if further exploration will result in the discovery of a mineral resource.

#### **About Nuinsco Resources Limited**

Nuinsco is a growth-oriented, multi-commodity mineral exploration company that is focused on world-class mineralized belts in Canada, Turkey, Egypt and Sudan. In addition to its property holdings, Nuinsco owns common shares in Coventry Resources Limited (ASX:CVY) and Victory Nickel Inc. (TSX:NI). Shares of Nuinsco trade on the Toronto Stock Exchange under the symbol NWI.

All intervals are core lengths, not true widths. Analyses were conducted by Activation Laboratories of Ancaster, Ontario. All exploration work is supervised by Paul Jones, President, who acts as QP under National Instrument 43-101 and has reviewed and approved the technical contents of this news release.

**Nuinsco Resources Limited**

René Galipeau or Sean Stokes  
 Phone: 416.626.0470  
 Fax: 416.626.0890  
 Email: admin@nuinsco.ca

**CHF Investor Relations**

Juliet Heading  
 Phone: 416.868.1079 X 239  
 Fax: 416.868.6198  
 Email: juliet@chfir.com

Please visit the Company's website at [www.nuinsco.ca](http://www.nuinsco.ca). Should you wish to receive Company news via email, please email [juliet@chfir.com](mailto:juliet@chfir.com) and specify "Nuinsco Resources" in the subject line.

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