

NEWS RELEASE

DARNLEY BAY RESOURCES ANNOUNCES BASE METALS DRILL TARGETS AND PROGRAM

Toronto, ON – July 13, 2010 – Darnley Bay Resources Limited (“Darnley Bay”) (TSX Venture: DBL) is pleased to release a summary of the exploration and drill targets prepared from analysis and modelling of the recently completed gravity, electromagnetic and magnetic surveys flown over a large portion of its properties near Paulatuk, NT. The analysis was prepared in conjunction with mapped geology, topography, satellite imagery and previously acquired airborne and ground geophysical data. Darnley Bay has prepared a series of maps, 3D models, images and commentary from these data, which will be available on its website over the next few days (www.darnleybay.com).

Base Metal Targets

The following table provides a summary of the 41 separate base metal exploration targets selected as a result of the analysis and modelling:

Primary Type	Number	Total Area
Gravity	22	76 km ²
Magnetic	7	108 km ²
Electromagnetic	12	54 km ²

The “Primary Type” column indicates the data type where the target is most evident, although many targets incorporate coincident or complementary geophysical responses from at least two data types. The base metals targets are broken into several categories, depending on the nature of their responses and their estimated depths. Nine of these targets are designated for assessment by geological prospecting and sampling as they may outcrop.

Exploration and Drilling

The drill camp is currently being assembled in Yellowknife, will be flown to Paulatuk in late July and ready for occupation by the drill crew in early August. Exploration will commence by sampling and prospecting of the targets identified for their potential to locate outcropping rocks and minerals of interest. Other targets require 2-3 lines of appropriate geophysical survey on the ground (magnetic, gravity and/or electromagnetic) to optimize the drill site location. The field results and logistical considerations will be used to finalize the order of the drill targets. Darnley Bay has budgeted for 2,500 m of drilling in 2010, with most holes in the 200 m to 500 m range, although the drill will have a 1,000 m capacity.

Kimberlite Pipe Targets

Darnley Bay has located 103 kimberlite pipe targets on its 100%-owned mineral concession and 16 prospecting permits in the Paulatuk area, none of which have been drill tested. This includes 7 new magnetic and 38 new electromagnetic targets from the VTEM survey flown earlier this year. Although our priority on these properties is the base metals exploration and drilling program, Darnley Bay's exploration team will assess some of these kimberlite pipe targets in the field during 2010.

Darnley Bay previously located six diamond-bearing kimberlite pipes on the Parry Peninsula amongst a cluster of ten pipes, and has 28 targets in the drill-planning stage through its joint venture with Diadem Resources Ltd. (see news release of July 9, 2010).

Annual General Meeting

Darnley Bay's Annual General Meeting was held on June 29, 2010. John Dowsett retired as a Board Director as of the meeting. Darnley Bay wishes to thank John for his valued counsel since the early days of the company, and looks forward to his input as a consultant.

About Darnley Bay Resources Limited:

Darnley Bay Resources Limited was formed in 1993 to explore and develop an area of geophysical significance in the Northwest Territories of Canada. Initial base metal exploration fortuitously resulted in the discovery of diamonds, indicating that the area is host to both metallic and diamond mineral deposit interests. Darnley Bay's objectives are to secure and maintain successful financing partnerships to continue exploration for base metals, precious metals and diamonds that will result in the development of a profitable mining venture. The geological and geophysical data and results were assembled and analyzed by Stephen Reford, P. Eng. (ON). Mr. Reford is a Qualified Person under NI43-101 and has reviewed the contents of this press release.

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Forward-Looking Information

This release includes certain statements that may be deemed "forward-looking statements". All statements in this release, other than statements of historical facts, that address future production, reserve potential, exploration drilling, exploitation activities and events or developments that Darnley Bay expects are forward-looking statements. Although Darnley Bay believes the expectations expressed in such statements are based

on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in the statements. There are certain factors that could cause actual results to differ materially from those in forward-looking statements. These include market prices, exploitation and exploration successes, continued availability of capital and financing, and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance and actual results or developments may differ materially from those projected in the forward-looking statements. For more information on Darnley Bay, investors should review registered filings at www.sedar.com.

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