

STARFIELD RESOURCES INC. (Tier 1)

PRESS RELEASE

Corporate Office:
Suite 420-625 Howe Street
Vancouver, BC CANADA
V6C 2T6

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Website: <http://www.starfieldres.com>

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Ferguson Lake Nickel-Copper-Cobalt-Platinum-Palladium Project, Nunavut, Canada

2006 DEVELOPMENT AND EXPLORATION UPDATE

VANCOUVER, B.C. (May 12, 2006) – Starfield Resources Inc. (TSX.V: SRU and OTC BB:SRFDF) (“**Starfield**” or “the **Company**”) today reported that with the closing of the first portion (\$14,261,652) of the \$16,566,653 placement, the 2006 Development and Exploration plan for the Ferguson Lake Mineral District is now underway. This comprehensive program is designed to advance the large magmatic sulphide base and precious metal resource towards feasibility. The development of this Copper-Nickel-Cobalt-Palladium-Platinum project will have a major economic impact for Nunavut and Canada.

Recent Activities and Reports:

This year’s supplies and fuel have been mobilized from Churchill, Arviat and Rankin Inlet to Ferguson Lake. Starfield has received approval from Nunavut regulators for the Company’s camp to be relocated from the temporary leased area on the island to a permanent site on the West side of Ferguson Lake. Arctic-style Atco trailers have been purchased and mobilized to the new site where a permanent fully-winterized camp is being constructed proximal to the West Zone “Pit Area” development. In addition:

- Major Drilling Group International, of Moncton, New Brunswick, has again been contracted for diamond drilling services. Drill crews are on site.
- Crone Geophysics and Exploration Ltd., of Mississauga, Ontario, has also been contracted for 2006. Survey crews have arrived on site where they will provide SQUID ground EM geophysical surveying and downhole PEM geophysical surveying of drill holes during the 2006 program.
- Dr. N.C. Carter, independent P.Eng, will complete his NI 43-101 compliant report with resource estimates in May 2006. This report will be filed on SEDAR.
- Dr. Isobel Clark of Geostokos Ltd., who is on retainer to the Company, will present, her geostatistical evaluation and recommendation report by the end of May 2006.

Exploration

Robert Lo, P.Eng, the Company’s independent geophysical contractor has prepared a comprehensive report and interpretation of the Geotech regional VTEM helicopter survey of more than 720,000 acres (about 60% of the property). The report prioritized VTEM conductive trends and targets and potential kimberlite anomalies. Regional and detailed soil-till samples from the 1,300,000 acre property have been geochemically analyzed and multi-element anomalies have been identified. Coincident regional geochemical and airborne geophysical anomalies have been prioritized for detailed ground geological examination, geophysical surveying and diamond drilling. Dr. Al Miller has again been contracted to conduct field mapping and metallogenic evaluations.

Development Plans

Upon receipt of the Geostokos Ltd. report, the Company will use the recommendations to guide the delineation drilling program objective of moving the inferred resources into the indicated and measured categories. The program's initial drilling will collect massive sulphide samples from the West Zone "Pit Area" for further metallurgical testing. Concurrently, hydrometallurgical leach testing and process development is ongoing at laboratories in Kingston, Ontario and in Quebec City. Testing will now be scaled up to 200 kilograms.

Rescan Environmental Services Ltd. are continuing with their environmental and engineering site development evaluations. A legal survey of West Zone mineral claims during 2006 will enable the Company to apply for mining lease status. Pincock Allen & Holt, of Denver, Colorado, is incorporating the 2005 drill information, the N.C. Carter resource estimates, the Geostokos Ltd. report and metallurgical results into a conceptual scoping study.

The Company's main focus in 2006 is to advance existing resources towards feasibility, while the regional exploration strategy will focus on project generation that will be of interest to potential industry partners.

About Starfield

Starfield Resources Inc. is an advanced exploration and development company focused on its Ferguson Lake Copper-Nickel-Cobalt-Palladium-Platinum property located in Nunavut, Canada. The Ferguson Lake property covers more than 1.3 million acres and is 100% owned by the Company. Since 1999, Starfield has completed more than 104,000 metres of diamond drilling in 243 holes. In addition to the NI 43-101 technical report which will be filed on Starfield's SEDAR website within 45 days of April 6, 2006, the Company expects to announce the results of geostatistical evaluations and a scoping study in 2006. A developing feature of this mineral district is the significant discovery of high grade platinum and palladium mineralization found in the footwall to the massive sulphide deposit. Starfield's Ferguson Lake Project is unfolding as Nunavut's largest ongoing base and precious metal project.

On behalf of the Board of Directors,

"Glen C. Macdonald"

Glen C. Macdonald, P.Geo., Director

(Glen Macdonald is the Qualified Person under National Instrument 43-101 responsible for preparing the technical disclosure in this news release)

Caution concerning forward-looking statements

This communication to shareholders and the public contains certain forward-looking statements. Actual results may differ materially from those indicated by such statements. All statements, other than statements of historical fact, included herein, including, without limitations statements regarding future production, are forward looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.

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For further information contact:

Michael Joyner
The Equicom Group
416-815-0700 ext.275
mjoyner@equicomgroup.com

or

Leif Smither
Starfield Resources
1-877-233-2244
www.starfieldres.com