

Press Release

**OREX COMPLETES PHASE 1 DIAMOND DRILLING
AT GOLDBORO, NOVA SCOTIA**

OREX EXPLORATION INC. (« OREX ») announced that it has just completed the Phase 1 drill program at the 100% owned Goldboro Property in Nova Scotia. **Orex has drilled 2,423 metres in 23 drill holes.**

The Phase 1 program is designed to demonstrate that the true grade of the Goldboro mineralization is not accurately represented, and hence under-estimated, in the current resource estimate as stated in the NI 43-101 Technical Report by Martin Bourgoïn of MRB & Associates, dated August 31, 2004, titled "*Technical Report, Goldboro Property, Guysborough County, Nova Scotia*"

The area currently being tested was previously drilled in detail in the 1980's and 1990's from surface and underground over a distance of 125 meters. Several drill holes have "twinned" previously drilled holes and will enable comparison with the historical diamond drill assay results. It is expected that the true grade of the Goldboro mineralization will be more accurately demonstrated from the upcoming metallurgical test work. Positive results will warrant a much larger second phase definition drilling program to re-evaluate the grade of the entire Goldboro mineralization using the revised sampling and metallurgical processing protocols.

The Company plans to report additional information on the characteristics of the drill core in the coming weeks, as well as gold fire assays in comparison to historical assay results, and eventually metallurgical test work.

Orex Exploration Inc. - The Future is Golden

Orex a junior gold exploration company focused on outlining and developing a viable gold project at its 600 hectares Goldboro Property in eastern Nova Scotia, located 185 kilometres by road from Halifax. **The NI 43-101 Technical Report on the Goldboro Property outlines Mineral Resources in the Measured, Indicated and Inferred categories. The current Measured and Indicated Resources total 13.3 million tonnes grading 0.78 g/t Au; whereas the Inferred Resources total 15.6 million tonnes grading 0.63 g/t Au.** The prime objective of the 2005 exploration program is to determine the realistic gold grade of the Goldboro mineralization, and whether gold resource grades can approach the historic mining grade of 6.8 g/t Au by completing a more appropriate sampling and analytical process used elsewhere for coarse free gold deposits. An increase in the gold grade could potentially have a major impact on the gold resource.

The Press Release has been prepared and revised under the supervision of Jean Lafleur, P. Geo., the Company's principal consultant and a Qualified Person under the NI 43-101 guidelines.

*The TSX Venture Exchange does not accept any responsibility
for the adequacy or accuracy of this press release.*

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