

NEWS RELEASE**Goldboro Gold Project drilling update**

Montreal (Canada), April 3, 2008: OREX EXPLORATION INC. (TSX-V: OX) is pleased to update its shareholders on the Phase 2 drilling program that is progressing at the Company's wholly-owned Goldboro Gold Project in north eastern Nova Scotia. To date, 6 of the first 15 holes (BR-08-01 to 06) comprising 1,338 m of the planned 4,250 m drill program* are completed on schedule:

DDH #	EASTING	NORTHING	AZIMUTH/DIP	PROPOSED LENGTH (m)	COMPLETED LENGTH (m)
BR-08-01	8775	6975	360/-50	175	171
BR-08-02	8775	6975	360/-75	220	220
BR-08-03	8775	6950	350/-65	220	220
BR-08-04	8775	6950	015/-50	220	220
BR-08-05	8800	6940	360/-65	220	237
BR-08-06	8825	6940	360/-70	270	270
BR-08-07	8825	6920	010/-50	280	in progress
BR-08-08	8845	6900	005/-60	300	to be drilled
BR-08-09	8845	6900	015/-50	280	to be drilled
BR-08-10	8845	6885	015/-60	320	to be drilled
BR-08-11	8900	6870	360/-50	300	to be drilled
BR-08-12	8900	6885	010/-55	320	to be drilled
BR-08-13	8950	6875	005/-65	350	to be drilled
BR-08-14	8950	6825	005/-50	375	to be drilled
BR-08-15	8975	6850	005/-65	400	to be drilled
TOTAL				4,250 m	1,338 m

* The drill campaign, core descriptions and assay sample preparations are being done under the supervision of Billy Shaw, P. Geo., of W.G. Shaw & Associates (Antigonish, Nova Scotia). Core samples are being prepared and assayed for gold by the ALS Laboratory Group (Val-d'Or, Quebec). A number of preparation and assaying protocols will be used for the Goldboro samples based on Orex's acquired analytical expertise from the 2005 drill campaign, as set up by Mr. Alex Horvath, P. Eng., of A.S. Horvath Engineering Inc. (Ottawa, Ontario), and include the *Standard Fire-Assay Method* and the *Total Metallic Screen Method for Visible Gold*.

The drill holes are spaced on sections approximately 25 m apart over a 200 m strike length extending east from the current limits of the defined National Instrument 43-101 Mineral Resources in the Goldboro ramp area. The current drill holes are targeting the down-plunge extension of the higher grade hinge and south limb areas of the *123 Zone* as it plunges shallowly to the east beneath the historic Boston-Richardson Mine. This footage is only part of the 15,000+ m Phase 2 program outlined for 2008 along the full length Boston-Richardson Structure.

Previous drilling by the Company in 2005 along a 225 m segment of the south limb of the historically mined Boston-Richardson Structure recorded that wider mineralized and continuous zones are present that combine several of the gold belts below the Boston-

Richardson Belt with a portion of these combined belts averaging up to 4.15 g/t gold over an average width of 15.2 m and a 150 m strike length.

All 6 drill holes to date have intersected thick sequences of argillites and greywackes, silicified slate belts and quartz veins, and the intended *123 Zone*. Field observations have indicated the presence of visible gold in 2 of the 5 drill holes (BR-08-01 and 05) logged to date. The *123 Zone* was intersected over a 27 m section (from 88 m to 115 m) in BR-08-01. Assays are still pending for all 6 drill holes.

About Orex Exploration Inc

Orex Exploration Inc. is a Canadian based junior resource and exploration company trading under the symbol OX on the TSX Venture Exchange. The Company holds a 100% interest in the Goldboro Gold Project in Nova Scotia. Goldboro hosts a National Instrument 43-101 compliant Mineral Resources of 13.09 million tonnes @ 1.15 g/t gold in the Measured and Indicated categories, and additional Inferred Resources of 15.6 million tonnes @ 0.63 g/t gold (*refer to the technical report dated September 28, 2006, posted on SEDAR at www.sedar.com*).

A comparative analysis of metallurgical test results done in 2006 and historical assay results demonstrated that historical resources estimates at Goldboro using conventional drill assays would significantly underestimate the recoverable gold content and therefore understate Mineral Resources. This grade loss was demonstrated by comparing the more realistic gold grade determine by 2006 Metallurgical Model when compared to the 187 historic drill hole in the Assay Model, and is attributable to the nugget effect brought on by conventional assaying of smaller size individual drill core samples in the Assay Model. The 2006 Metallurgical Model grade showed an increase of approximately twice that of the Assay Model grade. The Company has developed a sampling and assaying protocol to counter the nugget effect, giving more realistic gold grades of the mineralization.

The objective of the Phase 2 exploration program focuses on defining higher quality Mineral Resources. The Orex team is confident in achieving this goal within the next 24 months.

The information contained in this news release has been reviewed and approved by Mr. Jean Lafleur, M. Sc., Geol., Director and Technical Advisor at Orex, and a Qualified Person under National Instrument 43-101 regulations.

You are invited to browse the Company's website at www.orexexploration.ca

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