

NEWS RELEASE

Mineralization at Goldboro now extends for 950 metres; Orex reports gold assays from East Gold Brook

Visible gold observed and gold assays up to 21.66 g/t Au over 3.25 metres and 5.41 g/t Au over 10 metres at East Gold Brook

Phases 2A to 2C drilling extends gold corridor to 950-metre lengths covering the Ramp Area, historic Boston-Richardson Mine and East Gold Brook Shaft

Montreal, Canada, March 24, 2009: OREX EXPLORATION INC. would like to provide its shareholders with additional gold assay results from the Phase 2B diamond drilling program (Holes BR08-24 to 32, inclusive) on the Company's wholly-owned Goldboro Gold Project in north eastern Nova Scotia. All 16 holes (BR08-17 to 32), comprising approximately 4,585m of the Phase 2B drill program, have been completed. Orex has also completed the Phase 2C drilling campaign, comprising 12 holes (BR08-33 to 44, inclusive) over a 150m strike length on the western Ramp Area for a total of approximately 3,006m, with assays pending. The most significant gold assay intervals from holes BR08-24 to 32* are as follows:

HOLE #	FROM (m)	TO (m)	CORE LENGTH (m)	GOLD GRADE (g/t)	ZONE IDENTIFICATION	CHECK ASSAYS PENDING	VISIBLE GOLD OBSERVED
PHASE 2B							
BR-08-24	90.0	94.0	4.0	0.78	BR-4; South Limb		
	114.0	116.5	2.5	1.30	BR-3; South Limb		
	178.0	178.5	0.5	7.38	Unknown zone		
	197.5	200.5	3.0	6.68	BR-4; North Limb?		
including	198.25	198.5	0.25	68.40		√	√
BR08-25	114.0	118.5	4.0	1.01	BR-4; South Limb		
including	118.0	118.5	0.5	5.58			
	124.0	129.0	5.0	1.92	BR-3; South Limb		
including	127.5	128.0	0.5	12.65			
	135.0	141.0	6.0	1.20	BR-2; South Limb		
including	137.5	138.0	0.5	7.29			
	156.75	160.0	3.25	21.66	BR-1; South Limb	√	√
including	156.75	157.0	0.25	18.50		√	√
and	159.75	160.0	0.25	262.00		√	√
	178.5	179.0	0.5	5.85	Unknown zone		
	196.0	200.0	4.0	3.31	BR-1; North Limb		
including	196.5	196.75	0.25	41.70		√	√
BR08-26	83.0	83.5	0.5	2.52	Unknown zone		
	130.0	130.5	0.5	12.30	Unknown zone		
	165.5	166.5	1.0	15.82	Unknown zone		
	213.0	213.5	0.5	2.94	Unknown zone		
BR08-27	143.5	146.5	3.0	2.02	BR4 - S. Limb		
	155.0	157.0	2.0	1.71	BR3 - S. Limb		
	162.5	163.0	0.5	10.30	Unknown zone		
	169.5	188.0	18.5	3.07			
including	172.0	182.0	10.0	5.41	BR1 and 2 - Hinge		
and	174.5	175.0	0.5	69.20			
	194.5	195.0	0.5	4.88	Unknown zone		

BR08-28	42.0	42.5	0.5	16.90	Unknown zone		
	88.75	89.0	0.25	23.40	Unknown zone	✓	✓
	168.75	169.0	0.25	9.76	Unknown zone	✓	✓
	210.5	214.0	3.5	0.88	BR-4; South Limb		
	218.0	221.5	3.5	0.60	BR-3 South Limb		
	228.5	233.0	4.5	2.54			
including	228.5	228.75	0.25	6.30	BR-2; South Limb	✓	✓
and	232.5	233.0	0.5	16.30			
	241.0	265.0	24.0	1.14			
including	245.5	250.0	4.5	3.09	BR-1 South Limb		
and	245.5	246.0	0.5	13.35			
and	247.5	248.0	0.5	10.85			
	272.5	276.5	4.0	2.80			
including	275.0	276.5	1.5	7.22	BR; South Limb		
and	276.0	276.5	0.5	13.95			
BR08-29	84.5	85.5	1.0	2.31	Unknown zone		
including	101.0	101.5	0.5	5.87	Unknown zone		
	136.5	137.0	0.5	5.31	Unknown zone		
	177.5	177.75	0.25	10.20	Unknown zone	✓	✓
	218.5	220.5	2.0	3.04	Unknown zone		
including	218.5	219.0	0.5	8.84	Unknown zone		
BR08-30	46.0	46.5	0.5	2.48	Unknown zone		
BR08-31	16.0	16.5	0.5	4.66	Unknown zone		
	53.5	54.0	0.5	15.27	Unknown zone		
	69.0	69.5	0.5	4.25	Unknown zone		
	85.5	86.0	0.5	3.91	Unknown zone		
	128.0	129.5	1.5	3.17	Unknown zone		
including	128.5	128.75	0.25	10.00	Unknown zone	✓	✓
	228.5	232.0	3.5	3.43	Unknown zone		
including	228.5	229.0	0.5	22.50	Unknown zone		
BR08-32	56.0	56.5	0.5	3.16	Unknown zone		
	63.0	64.5	1.5	2.75	Unknown zone		
including	63.0	63.5	0.5	6.75	Unknown zone		
	158.0	158.5	0.5	3.22	Unknown zone		
	219.5	221.0	1.5	31.48	Unknown zone		
including	219.5	219.75	0.25	142.50	Unknown zone	✓	✓
and	219.75	220.0	0.25	17.70	Unknown zone	✓	✓

* Notes:

- True widths are approximately 70-90% of the core lengths in south limb/hinge zone intersections and <50% in north limb intersections
- Gold assays for drill holes BR08-01 to 23 were previously released in 2008 and 2009 (refer to Orex news releases on the Company's website or on SEDAR at www.sedar.com)

In 2008, the Company completed 12,201 metres of diamond drilling in 44 holes divided into three campaigns. Visible gold was observed in 6 of the current 9 drill holes, and in 36 of the 44 total drill holes completed in 2008. There are 90 separate reported occurrences of visible gold in the 44 holes, with another 9 occurrences reported as questionable.

Results from the Phase 2B campaign completed from the Boston-Richardson shaft to the East Gold Brook shaft have yielded similar results to the widely spaced historic drilling in the area and indicate a series of gold mineralized zones that occur above the Boston-Richardson belt. The newly emerging mineralized zones appear similar to those identified in the Ramp Area that lie below the Boston-Richardson belt (i.e. "123" and other zones). The mineralized belts above the Boston-Richardson demonstrate apparent continuity for a strike length over 325m as they plunge shallowly eastward from near surface to depths of 150m below surface.

Mark Billings, President and CEO of Orex, comments, "With all core logging completed and assay results available for the Phase 2A and 2B drill holes, Orex has identified the potential for higher grade gold mineralization over a 950-metre strike length of the Boston-Richardson structure from the West Ramp Area to the East Gold Brook mine. The 2008 drilling results will allow Orex to estimate new resources for the project over this 950m strike length, up from the 225m strike

length used for the 2006 Ramp Area Resources (Measured and Indicated Resources of 235,800 ounces of gold in 3.105 million tonnes grading 2.36 g/t Au)."

As previously announced, now that the Phase 2C drilling campaign has been completed (with assays pending), Orex has contracted InnovExplo Inc. of Val-d'Or, Quebec, to commence evaluation and modelling of the Company's 2008 drilling results, with the objective of providing an NI 43-101 Technical Report with updated results and resource estimates for the Goldboro Project. Orex intends to provide shareholders with this information in Q2 2009. Shareholders are encouraged to consult the Company's latest NI 43-101 Technical Report, dated September 18, 2006, which can be found on SEDAR (www.sedar.com).

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 and O5D on the Frankfurt Stock Exchange. The Company holds a 100% interest in the Goldboro Gold Project in Nova Scotia. You are invited to browse the Company's website at www.orexexploration.ca.

The information contained in this news release has been prepared by Mr. Jean Lafleur, M. Sc., P. Geo., Senior Technical Advisor to Orex. The drill campaign, core description, assay sample preparations, tabulations and synthesis are being done under the supervision of Billy Shaw, P. Geo., of W.G. Shaw & Associates (Antigonish, Nova Scotia) and Mr. Alex Horvath, P. Eng., of A.S. Horvath Engineering Inc. (Ottawa, Ontario). All individuals are Qualified Persons under National Instrument 43-101 regulations.

For further information, please contact

Mark Billings, President and CEO

(514) 296-1641

mark@atwaterfin.com

Paradox Investor Relations

1-866-460-0408

infoparadox@qc.aira.com

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