



News Release

Undercut Drill Holes Continue to Confirm Excellent Grades at Mountain Lake's Bobby's Pond Deposit

Hole 20 includes a 6 meter intercept grading 16.07% Zinc and 1.75% Copper; the deposit remains open at depth

Port Williams, NS – January 04, 2007 – Mountain Lake Resources Inc. (TSX-V: MOA and OTC US: MLKRF) (“Mountain Lake” or the “Company”) is pleased to report the remaining assay results from the 2006 drilling program on the Company's 100% owned Bobby's Pond base metal (zinc-copper-lead-silver-gold) project in Central Newfoundland.

On [November 21st, 2006](#), the Company reported that high grade mineralization continued at depth in hole MOA06-007. This hole included a 16 meter intercept grading 8.00% zinc and 1.11% copper and added 35 meters of vertical extension to the existing mineralized zone. It was noted that additional drilling to undercut this hole was warranted.

The first undercut, Hole MOA06-020 confirmed continuing mineralization at depth, adding another 65 meters of vertical extension to the mineralized zone totalling 240 meters from surface. See below to view photos of high-grade drill core from this hole.

The second undercut, Hole MOA06-021 was abandoned at 123 meters due to technical drilling difficulties; thus a third undercut hole, MOA06-022, was collared at approximately the same location to further test the vertical depth of the mineralized zone. Hole 022 successfully reached the targeted depth and added another 60 meters of vertical extension to the existing mineralized zone for a total depth of 300 meters.

The following results of these two new undercut drill holes indicate consistent widths with increasing grades of mineralization at depth. Further drilling is planned in 2007 to determine the extent of this vertical mineralized zone.

Hole MOA06-020

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
	285.62	304.12	18.50	60.7	0.70	0.22	6.18	9.8	148
Includes	298.12	304.12	6.00	19.7	1.75	0.41	16.07	16.2	261

Hole MOA06-022

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
Upper intercept	345.75	356.75	11.00	36.1	1.10	0.30	7.71	12.1	163
Includes	355.25	356.25	1.00	3.3	1.41	0.63	28.05	16.5	366
Lower intercept	368.75	376.25	7.50	24.6	0.51	0.40	9.56	10.5	303
Includes	371.25	373.25	2.00	6.6	0.93	0.09	22.50	14.5	534

Following are tables summarizing all of the holes pertaining to the 2006 drilling program totalling 17 holes for 3,091.4 meters:

Hole MOA06-006

Drilled to correlate the geology across the limits of the current drill grid.

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
	70.25	72.75	2.50	8.3	1.08	0.01	0.04	4.93	194

Hole MOA06-007

Drilled to determine the depth extension of a mineralized zone previously discovered by Inco (Hole 77546).

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
Upper intercept	230.70	240.75	10.05	33	1.28	0.01	0.78	7.19	134
Lower intercept	250.75	266.75	16.00	52.5	1.11	0.19	8.00	11.0	135
Includes:	250.75	256.75	6.00	19.7	1.8	0.21	11.98	14.2	267

Hole MOA06-008

Drilled to determine the near surface extension of the mineralization located 50 meters east of drill hole MOA06-06.

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
Upper intercept	64.30	71.80	7.50	24.8	2.20	0.01	0.20	10.01	190
Lower intercept	101.00	104.00	3.00	9.9	3.15	0.01	0.27	15.46	228

Hole MOA06-009

Drilled as part of the infill drilling program as recommended in the National Instrument 43-101 Technical Report, prepared by Scott Wilson Roscoe Postle Associates Inc. (Scott Wilson RPA), independent consulting geologists.

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
	119.50	124.50	5.00	16.4	0.18	0.41	2.19	10.99	166

Hole MOA06-010

Drilled as part of the infill drilling program as recommended in the NI 43-101 Technical Report.

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
	68.94	71.75	2.81	9.3	0.53	0.19	8.58	20.43	261

Hole MOA06-011

Drilled as part of the infill drilling program as recommended in the NI 43-101 Technical Report.

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
Upper intercept	196.10	201.25	5.15	17	0.32	0.15	2.82	26.60	96
Lower intercept	208.25	210.75	2.50	8.2	1.22	0.41	6.62	10.70	124

Hole MOA06-012

This hole did not intersect mineralization due to minor faulting. Further study is required to determine the movement direction of the fault(s), which will guide future drilling.

Hole MOA06-013

Drilled to determine the open pit mining potential of the deposit, this hole was highlighted in the Company's new release of [December 13, 2006](#) for "...intersecting an unprecedented core interval with the highest zinc grade ever returned at Bobby's Pond . . . 44.4% zinc over a 0.50-meter (1.6 foot) interval between 65.74 and 66.24 meters."

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
Upper intercept	23.40	38.20	14.80	48.6	2.36	0.11	3.77	17.30	204
Includes:	23.40	30.85	7.45	24.4	0.43	0.20	7.26	12.10	137
Includes:	27.50	30.05	2.55	8.4	0.82	0.34	19.20	27.10	331
Includes:	32.20	38.20	6.00	19.7	5.28	0.01	0.26	27.60	331
Lower intercept	59.75	67.24	7.49	24.6	1.10	0.83	10.36	20.72	293
Includes:	65.16	67.24	2.08	6.8	2.34	0.60	27.36	40.63	406
Includes:	65.74	66.24	0.50	1.6	1.25	0.39	44.40	18.20	353

Hole MOA06-014

A step-out hole drilled at a 45 degree angle.

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
	48.00	51.00	3.00	9.8	0.62	0.07	12.76	22.2	521
Includes	48.00	50.00	2.00	6.6	0.92	0.10	19.40	33.2	779

Hole MOA06-015

An undercut of hole MOA06-014 drilled from the same location but at a 60 degree angle.

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
	79.50	84.00	4.50	14.8	1.84	0.17	3.25	13.1	128

Hole MOA06-016

A step-out hole drilled at a 45 degree angle.

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
	66.50	72.00	5.50	18.0	0.98	1.22	6.02	26.6	324

Hole MOA06-017

An undercut of hole MOA06-016 drilled from the same location but at a 60 degree angle.

	From m	To m	Length m	Length ft	Cu (%)	Pb (%)	Zn (%)	Ag g/t	Au ppb
	102.00	108.00	6.00	19.7	1.55	1.68	10.10	29.3	278
Includes	105.00	107.5	2.50	8.2	3.20	3.10	20.46	44.5	511

Hole MOA06-018 & -019

Two short geological holes drilled to determine the sense of direction of the faulting system.

Hole MOA06-020

Referenced above.

Hole MOA06-021

This hole was abandoned at 123 meters due to drilling difficulties.

Hole MOA06-022

Referenced above, and the last undercut hole carried out in 2006.

Allen Sheito, President and CEO of Mountain Lake, states, "What a wonderful way to start the New Year! The results from the 2006 drill program at Bobby's Pond have confirmed additional ore grade mineralization near surface and confirmed that the grade of mineralization is increasing at depth. Most importantly, the existing mineralized zone has been extended to 300 meters vertically and continues to remain open at depth. We will now move rapidly to have an updated mineral resource estimate completed, and prepare for the next phase of drilling."

Scott Wilson RPA will be updating the NI 43-101 Technical Report and mineral resource estimate, which is expected to be completed by mid-January.

With respect to diamond drilling, sample analyses and quality assurance/quality control procedures: all holes are NQ sized core which have been photographed, logged, and diamond saw cut at the core logging facility located in Buchans, Newfoundland. Half of the core was submitted to Eastern Analytical Laboratories in Springdale, Newfoundland for analysis for base metals (zinc, copper, lead and silver) with an AA finish. Gold was analyzed by 30 gram Fire Assay with an AA finish. QA QC procedures involve the inclusion of Standards (1 in 20), Blank Samples (1 in 20), and Sample Duplicates (1 in 20) using Eastern Analytical's internal Standards and Blank Samples. True widths will be determined when complete data is available.

Mr. Jamie Meyer, P.Geo., is the Qualified Person on the Bobby's Pond project and has verified the contents of this news release.

About the Bobby's Pond Project

The Bobby's Pond project (Mining Lease 187/4881M) is located in the Buchans area of central Newfoundland, renowned for the historic Buchans Mines (Production 1928-1984) and host to several other active massive sulphide projects. The most advanced of the current projects is Aur Resources' Duck Pond deposit, where test runs of the mining and milling operations are underway leading to full production. The Bobby's Pond deposit is located approximately 45 kilometers west (by road) of the Duck Pond mine/mill operation.

About Mountain Lake Resources Inc.

Mountain Lake Resources Inc. (TSX-V: MOA) is a diversified junior mining and exploration company whose corporate strategy is to build shareholder value through the exploration and development of economically viable mineral properties. Current projects include: a 100% interest in the Bobby's Pond Base Metal Project; the Valentine Lake Gold Project, in which Richmond Mines Inc. is earning a 70% interest; and a 25% stake in Etruscan Diamonds (Pty) Limited of South Africa, a revenue generating alluvial diamond miner. *For more information visit: www.mountain-lake.com*

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ON BEHALF OF THE BOARD OF DIRECTORS

s/“Allen Sheito”

President & Chief Executive Officer

Hole MOA06 - 020 Sulphide Intersection

