

PRESS RELEASE

MOSS DEFINITION BRIGHTENS PICTURE

Toronto, Ontario: Wednesday, July 23, 2008 – Moss Lake Gold Mines Ltd. (“Moss Lake”) is pleased to announce preliminary results from its spring drilling program on the 100% owned Moss Lake deposit located in the Shebandowan greenstone belt 100 kilometres west of Thunder Bay, Ontario, Canada.

The purpose of the program was to validate historic information by twinning previous holes and refining the resource model by selective infill drilling in areas which lacked the previous information required to increase the level of confidence in the interpretation of the resource model.

The Moss Lake deposit is comprised of the closely-spaced Main and QES zones which dip vertically over a known strike length of 8,500 feet. The project history, geology and a resource estimate are discussed in detail in a 43-101 Technical Report prepared by independent, international consulting firm Watts, Griffis and McOuat Limited (WGM) dated November 27, 2006 and available at www.sedar.com or on our website at www.mosslakegold.com.

To date, complete assays have been received for the QES zone infill drilling component of the program. **Two 2-hole sections (3400E and 3700E), spaced 300 feet apart, have demonstrated good continuity and improved grades compared to adjacent sections.**

HOLE LOCATIONS

Grid Section (Feet)	Hole No.	Easting (UTM)	Northing (UTM)	Azimuth (Degrees)	Dip (Degrees)	Length (Feet - Metres)
3400E	ML-08-05	669866	5379375	336	-50	435 – 132.6
	ML-08-06	669866	5379375	336	-72	857 – 261.3
3700E	ML-08-07	669967	5379373	336	-45	755 – 230.2
	ML-08-08	669967	5379373	336	-70	1187 – 361.9

RESULTS *

Hole No.	From (ft).	To (ft)	Corelength (ft)	Assay (oz/ton)	Metric Equivalents	
					Corelength (m)	Assay (gAu/tonne)
ML-08-05	261.5	430.0	168.5	0.041	51.4	1.41
inc.	261.5	352.0	90.5	0.048	27.6	1.65
and	387.0	425.9	38.9	0.049	11.9	1.68
ML-08-06	522.0	757.0	235.0	0.030	71.6	1.05
inc.	688.0	757.0	69.0	0.060	21.0	2.06
ML-08-07	450.0	739.0	289.0	0.034	88.1	1.17
inc.	580.0	640.0	60.0	0.106	18.3	3.64
ML-08-08	887.0	1115.0	228.0	0.029	69.5	1.00
inc.	892.0	737.0	45.0	0.080	13.7	2.73

* Results are weighted averages compiled employing a 0.015 oz/ton or 0.5 gAu/tonne cut-off grade

Gold grades are remarkably evenly distributed. On section 3400E, the above intervals represent a true thickness of 100 feet. On section 3700E, the above intervals represent a true thickness of 200 feet (see appended crossections).

Gold mineralization in the QES zone is hosted by a diorite sill located near the southern edge of the Moss Lake syenite stock. It occurs as disseminated and fracture-filling pyrite mineralization associated with strong sericite alteration. **Previous metallurgical and petrographic work indicates the gold is free milling** and occurs along pyrite and silicate mineral grain boundaries.

Management is encouraged by the widespread, evenly distributed nature of the gold mineralization. These results will assist in the re-evaluation of the Moss Lake deposit's economic potential in light of current strong gold markets.

The Moss Lake deposit was most recently evaluated to contain the following resources by consulting geologists WGM.

MOSS LAKE INFERRED MINERAL RESOURCE WGM, November 27, 2006

Zone	Tons	Grade (oz/ton)	Contained Ounces	Metric Equivalent (tonnes – gAu/tonne)
Main Zone	27,362,000	0.024	663,000	24,829,000 – 0.823
QES Zone	28,752,000	0.030	852,000	26,091,000 – 1.029
Total:	56,114,000	0.027	1,515,000	50,920,000 – 0.926

Assaying was performed by Accurassay Laboratories of Thunder Bay, Ontario, employing fire assay methods on split drill core samples. Field work was managed by Clark Exploration Consulting of Thunder Bay, Ontario. Drilling sites were selected by WGM, Toronto, Ontario. Calculation of weighted averages and review of Lab duplicates, blind standards, blanks and field duplicates were performed by G. Mannard, P.Geo. and President, Moss Lake Gold Mines Ltd. The information provided is determined to be reliable.

Moss Lake Gold Mines Ltd. trades on the TSX Venture Exchange under the symbol "MOK" and has 43.9 million shares issued and outstanding.

For further information please visit www.mosslakegold.com or contact:

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The TSX-V has neither approved nor disapproved of information in this release

Figure 1 – Section 3400E

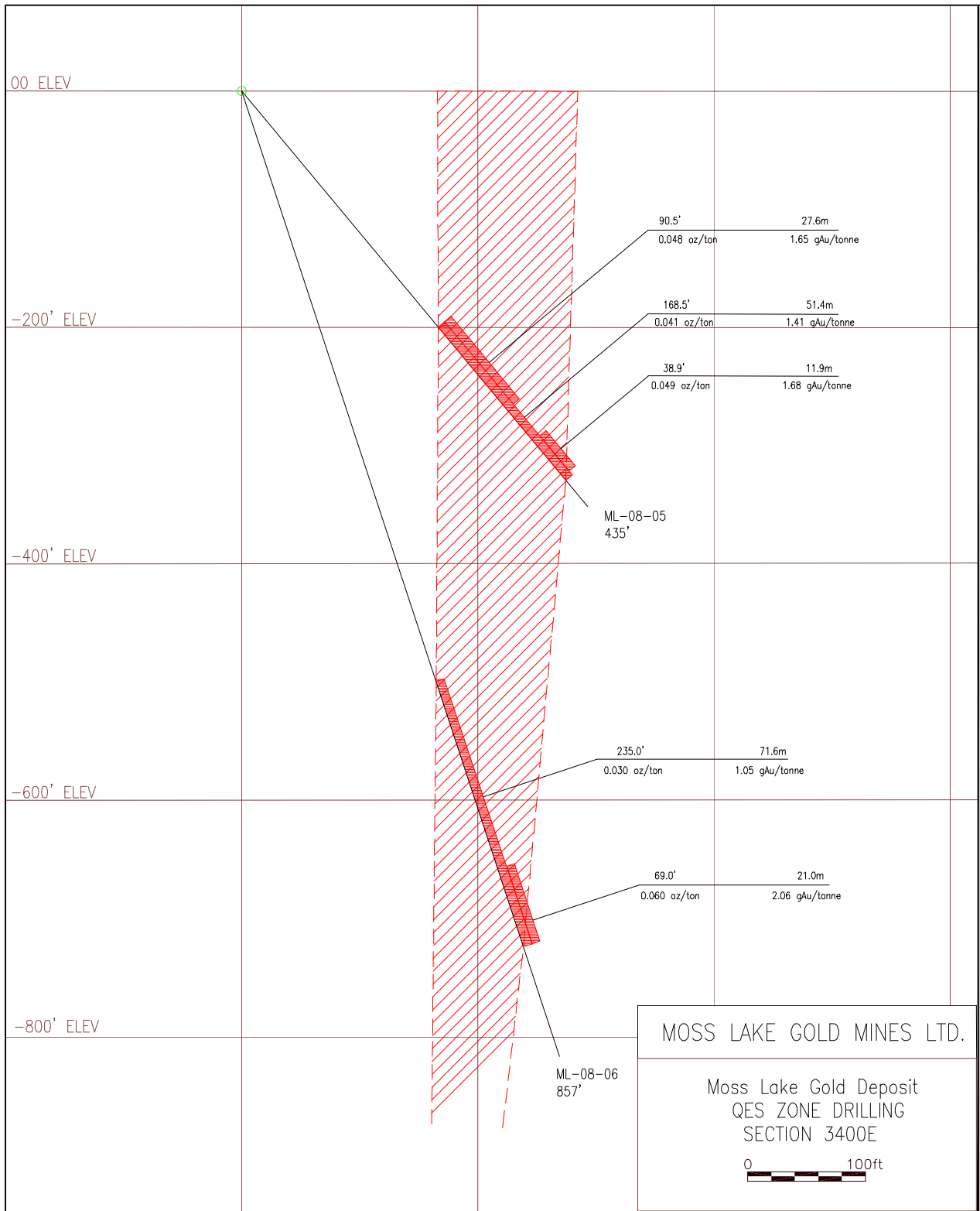


Figure 2 – Section 3700E

