

NEWS RELEASE**September 27, 2010**

Trading Symbols:

AMM :TSX, AAU : NYSE AMEX

www.almadenminerals.com

DRILLING UNDERWAY AT ALMADEN'S MATEHUAPIL PROJECT, MEXICO

Almaden Minerals Ltd. ("Almaden" or "the Company"; AMM:TSX; AAU:NYSE Amex) is pleased to report that Golden Minerals Company ("Golden Minerals"; AUMN: NYSE Amex; AUM: TSX) has commenced a diamond drilling program on Almaden's Matehuapil project located in north-eastern Zacatecas state, central Mexico. Golden Minerals has reported to Almaden that it has already completed seven holes of a planned ten to fifteen hole program designed to test the altered and veined monzonite of the Rabiosa zone of the project. Golden Minerals has previously reported that sampling in this area returned gold values ranging from 0.1 to 19.9 g/t over an exposed area of the intrusive of approximately 250 by 800 meters (see Golden Minerals website and Almaden news release of June 2, 2009).

The Matehuapil project is located 68 kilometers east of Goldcorp's Peñasquito Mine in the Concepcion del Oro district and 67 kilometers northeast of the new Camino Rojo discovery made by Canplats (now Goldcorp.).The project currently includes two concessions totalling 12,090 hectares. Golden Minerals has the right to acquire a 60% interest in the Matehuapil project by conducting work programs over a six year period.

J.D. Poliquin, chairman of Almaden, commented, "We are very pleased with the news of the commencement of drilling on the Matehuapil project which is located within a trend of significant and emerging gold and silver deposits including Peñasquito and Camino Rojo."

Morgan J. Poliquin, Ph. D., P. Eng., the President and CEO of Almaden, and a qualified person under the meaning of National Instrument 43-101, reviewed the technical information in this news release.

About Almaden

Almaden is a well-financed mineral exploration company working in North America. The company has assembled mineral exploration projects, including the Ixtaca Zone, through its grass roots exploration efforts. While the properties are largely at early stages of development they represent exciting opportunities for the discovery of significant gold and copper deposits as evidenced at Ixtaca. Currently six projects (Caldera, Caballo Blanco, Tropico, Nicoamen River, Matehuapil and Merit), are optioned to separate third parties who each have the right to acquire an interest in the respective project from Almaden through making certain payments and exploration expenditures. Four further projects are held in joint ventures. Almaden also holds a 2% NSR interest in 11 projects. Almaden's business model is to find and acquire mineral properties and develop them by seeking option agreements with others who can acquire an interest in a project by making payments and exploration expenditures. Through this means the company has been able to expose its shareholders to discovery and capital gain without the capital that would be required if the company were to have developed these projects without a partner. The company intends to expand this business model, described by some as prospect generation, by more aggressively exploring several of its projects including the Ixtaca Zone.

On Behalf of the Board of Directors

“Morgan Poliquin”

Morgan J. Poliquin, Ph.D., P.Eng.
President, CEO and Director
Almaden Minerals Ltd.

Neither the Toronto Stock Exchange (TSX) nor the NYSE AMEX have reviewed or accepted responsibility for the adequacy or accuracy of the contents of this news release which has been prepared by management. Statements contained in this news release that are not historical facts are forward looking statements as that term is defined in the private securities litigation reform act of 1995. Such forward-looking statements are subject to risks and uncertainties which could cause actual results to differ materially from estimated results. Such risks and uncertainties are detailed in the Company's filing with the Securities and Exchange Commission. Except for the statements of historical fact contained herein, certain information presented constitutes "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 and Canadian securities laws. Such forward-looking statements, including but not limited to, those with respect to potential expansion of mineralization, potential size of mineralized zone, and size and timing of exploration and development programs, estimated project capital and other project costs and the timing of submission and receipt and availability of regulatory approvals involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievement of Almaden to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, risks related to international operations and joint ventures, the actual results of current exploration activities, conclusions of economic evaluations, uncertainty in the estimation of mineral resources, changes in project parameters as plans continue to be refined, environmental risks and hazards, increased infrastructure and/or operating costs, labour and employment matters, and government regulation and permitting requirements as well as those factors discussed in the section entitled "Risk Factors" in Almaden's Annual Information form and Almaden's latest Form 20-F on file with the United States Securities and Exchange Commission in Washington, D.C. Although Almaden has attempted to identify important factors that could cause actual results to differ materially, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Almaden disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, other than as required pursuant to applicable securities laws. Accordingly, readers should not place undue reliance on forward-looking statements.