



News Release

Keegan to Release Preliminary Economic Assessment for Esaase Gold Project

4/5/2010

VANCOUVER, BRITISH COLUMBIA—(Marketwire - April 5, 2010) - Keegan Resources Inc. (TSX:KGN)(NYSE Amex:KGN) ("Keegan") is pleased to announce that it will be releasing the results of the Preliminary Economic Assessment Study of the Esaase Gold Project located near Kumasi, in southwestern Ghana at 6am EST on April 6, 2010.

Conference Call

Subsequent to the release of results Keegan will host a conference call and webcast on Tuesday, April 6th at 12:30 pm to 1:30 pm EST where senior management and Keegan's Technical team will discuss the Study and will be available to respond to questions from analysts and investors. Those interested in participating in the conference call should dial in at 1-866-546-3377 (Canada and USA) pass code: 882876. An operator will direct participants to the call.

To access enhanced presentation via webcast please visit: <http://www.wsw.com/webcast/cc/kg/> or www.keeganresources.com.

About Keegan Resources Inc.

Keegan is a junior gold company offering investors the opportunity to share ownership in the rapid exploration and development of high quality pure gold assets. The Company is focused on its wholly owned flagship Esaase project (2.025 Moz indicated resources with an average grade of 1.5 g/t Au at a 0.6 g/t Au cutoff and 1.451 million ounces in an inferred category at an average grade of 1.6 g/t Au applying a 0.6 g/t Au cut-off for a total inferred and indicated resource of 3.476 Moz) as well as its Asumura gold project, both of which are located in Ghana, West Africa, a highly favorable and prospective jurisdiction. Managed by highly skilled and successful technical and financial professionals, Keegan is well financed with no debt. Keegan is also strongly committed to the highest standards for environmental management, social responsibility, and health and safety for its employees and neighboring

communities. Keegan trades on the TSX and the NYSE AMEX under the symbol KGN. More information about Keegan is available at www.keeganresources.com.

On Behalf of the Board

Shawn Wallace, Chairman

Forward Looking and other Cautionary Information

This release includes certain statements that may be deemed “forward-looking statements”. All statements in this release, other than statements of historical facts, that address estimated resource quantities, grades and contained metals, possible future mining, exploration and development activities, are forward-looking statements. In particular, Preliminary Economic Assessments are preliminary in nature, including Inferred Mineral Resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as Mineral Reserves, and there is no certainty that the findings of the Preliminary Assessment will be realized. Although the Company believes the expectations expressed in the Preliminary Economic Assessment and other forward-looking statements are based on reasonable assumptions, such statements should not be in any way construed as guarantees of future performance and actual results or developments may differ materially from those in the forward-looking statements. Factors that could cause actual results to differ materially from those in forward- looking statements include market prices for metals, the conclusions of detailed feasibility and technical analyses, lower than expected grades and quantities of resources, mining rates and recovery rates and the lack of availability of necessary capital, which may not be available to the Company on terms acceptable to it or at all. The Company is subject to the specific risks inherent in the mining business as well as general economic and business conditions. For more information on the Company, Investors should review the Company’s annual Form 20-F filing with the United States Securities Commission and its home jurisdiction filings that are available at www.sedar.com.

Information Concerning Estimates of Measured, Indicated and Inferred Resources: This news release also uses the terms ‘indicated resources’ and ‘inferred resources’. Keegan Resources Inc. advises investors that although these terms are recognized and required by Canadian regulations (under National Instrument 43-101 Standards of Disclosure for Mineral Projects), the U.S. Securities and Exchange Commission does not recognize them. Investors are cautioned not to assume that any part or all of the mineral deposits in these categories will ever be converted into reserves. In addition, ‘inferred resources’ have a great amount of uncertainty as to their existence, and economic and legal feasibility. It cannot be assumed that all or any part of an Inferred Mineral Resource will ever be upgraded to a higher category. Under Canadian rules, estimates of Inferred Mineral Resources may not form the basis of feasibility or pre- feasibility studies, or economic studies except for Preliminary Assessment as defined

under 43-101. Investors are cautioned not to assume that part or all of an inferred resource exists, or is economically or legally mineable.

Keegan Resources Inc.

Shawn Wallace

Chairman

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