



NEWS RELEASE

Toronto: September 16, 2010

**HY LAKE GOLD COMPLETES COMPLEX STRUCTURAL STUDY  
OF WEST RED LAKE AREA**

**HY LAKE GOLD INC. (CNSX: HYL, FRANKFURT: HYK)** is pleased to announce that it has completed a complex structural study of Hy Lake Gold's Red Lake operational area.

The study was commissioned by Hy Lake Gold and was conducted by Vadim Galkin, Ph.D., Dr.Sc., P.Geo. Entitled "Complex Structural Study of the West Red Lake Area, Northwest Ontario, Canada", the study covers all of Hy Lake's Red Lake properties including the Mount Jamie, Rowan Lake and Red Summit mine properties. A comprehensive Method of Complex Structural Analysis (CSA) report consequentially applies and synthesizes the results of the following techniques:

- delineation, density and directional analysis of hierarchic linear structures using high resolution aerial and satellite data results in contour density and orientation maps of main, secondary, tertiary and circular structures and their intersections
- analogue modeling (in elastic and plastic field) of the major structural frame mechanical response to the different deformational conditions. Maps of plastic and brittle deformation intensity, dilation zones and spatial distribution are obtained
- analyzing and synthesizing the resulted maps with geological/geophysical/geochemical data and Target Map generation for further ground exploration and drilling

The areas on the property where high density of linear structures, high deformation/dilation, favorable geological and geophysical features (e.g. proximity of the regional unconformity or high conductivity zones), recorded gold mineralization/occurrences and other similar favorable features come together are considered as Primary Targets for further exploration activities. As a result of our analysis, several Primary Target areas have been delineated on Hy Lake's Red Lake properties. Among them are two areas at approximately 1 km to the SE and NE of the Rowan Lake Mine; two areas close to the northern and southern limits of the property at the Mount Jamie Mine longitude; the area located immediately to the south of the east end of Pipestone Bay and a zone at approximately 1 km to the south of Red Summit Mine.

The study also revealed the existence of a strong set of east-west trending linear structures, which in the Rowan Lake area are supplemented by an east-north-east trending set of structures. Both sets coincide directionally with the Rowan Main Zones gold-bearing veins and provide several additional promising zones for further investigation. Prospecting and sampling of some of these highly prospective zones, as well as of other Primary Target areas, is planned for October 2010.

It is well established in the Red Lake region that the intersections of certain linear structures may play a determinant role in gold mineralization. One such zone was discovered on the Newman-Todd property south of the Rowan Lake property. The northeast trending Newman-Todd Structural Zone hosts high-

grade gold zones over a two kilometer strike to a depth of over 300 m. The highest gold values occur close to the intersections of main structural zone with the secondary (second order) northwest trending structures. The Complex Structural Study conducted by Dr. Galkin has outlined two similar intersection zones on the Rowan property. Hy Lake's recent drilling at Rowan Lake (see news release dated August 10, 2010) tested the northeast trending gold system from Newman-Todd on to the Rowan Lake property with primary targeting consideration given to the main/secondary structures intersections.

Hy Lake Gold is currently incorporating the conclusions of the CSA into a comprehensive structural model of the West Red Lake area for use in targeting and planning of its next phase of exploration. The complete Complex Structural Study can be read on, or downloaded from, the Hy Lake website.

Vadim Galkin, Ph.D., Dr.Sc., P.Geo., who is a qualified person under the definition of National Instrument 43-101, has reviewed the technical information contained in this press release which was provided by Hy Lake Gold Inc.

Dr. Vadim Galkin was a full professor at Moscow State University, Dynamic Geology Faculty, and was a Research Associate at the University of Toronto, Faculty of Geology. He has worked on projects for Unor Inc., Inco's Creighton Deposit, Falconbridge Exploration, Ontex Resources and others. In September 2000, Dr. Galkin was a semi-finalist of The Goldcorp Challenge gold discovery contest and in 1998 he won the Shuvalov's Award, Moscow State University's Award for Scientific Achievements.

#### **About Hy Lake Gold Inc.**

Hy Lake Gold is a well financed Toronto-based mineral exploration company focused on the gold exploration and development business in the prolific Red Lake Mining District of Northwestern Ontario, Canada. Hy Lake Gold has assembled several significant property packages totalling approximately 3,300 hectares in west Red Lake. The properties cover a 12 kilometre distance along the west Red Lake Trend, containing 3 former producing gold mines, and the Company continues to explore these properties both along strike and at depth. To find out more about Hy Lake Gold Inc. (CNSX: HYL; FRANKFURT: HYK) please visit our website at [www.hylake.com](http://www.hylake.com).

Shares Issued: 34,184,195

On behalf of the board:

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#### **Forward-Looking Statements**

This release contains forward-looking statements, including predictions, projections and forecasts. Forward-looking statements include, but are not limited to, statements with respect to exploration activities and results (including the timing of results), the timing and success of exploration activities generally, permitting timelines, government regulation of exploration and mining operations, environmental risks, title disputes or claims, limitations on insurance coverage, timing and possible outcomes of any pending litigation and timing and results of future resource estimates or future economic studies, and in particular include statements with respect to the timing of the reporting of drilling results at Rowan Lake and the other properties. Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "planning", "planned", "expects", or "looking forward", "does not expect", "continues", "scheduled", "estimates", "forecasts", "intends", "potential", "anticipate", "does not anticipate", or "belief", or describes a "goal" or variation of such phrases or state that certain actions, events or results "may", "could", "would", or "will" be taken, occur or be achieved.

Forward-looking statements are based on a number of material factors and assumptions, including the result of drilling and exploration activities, the expected geological conditions or formations are not located, that contracted parties provide goods and/or services on the agreed timeframes, that the equipment necessary for the exploration is available as scheduled and does not incur unforeseen break downs, that no labour shortages or delays are incurred, that plant and equipment function as specified, that no unusual geological or technical problems occur, and that laboratory and other related services are available and perform as contracted.

Forward-looking statements involve known and unknown risks, future events, conditions, uncertainties and other factors which may cause the actual results, performance or achievements to be materially different from any future results, prediction, projection, forecast, performance or achievements expressed or implied by the forward-looking statements. Such factors include, among others, the interpretation and actual results of

current exploration activities; changes in project parameters as plans continue to be refined; future prices of gold; possible variations in grade or recovery rates; failure of equipment or processes to operate as anticipated; the failure of contracted parties to perform; labour disputes and other risks of the mining industry; delays in obtaining governmental approvals or financing or in the completion of exploration. Although Hy Lake has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. There can be no assurances that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements.

*The CNSX has neither approved nor disapproved of the contents of this press release.*