



For Immediate Release

## Update on the West Cedartree Project: Check Samples Sent for Confirmation, Recommendations for Angel Hill Gold Zone

January 27, 2005: Sudbury, Ontario - Houston Lake Mining Inc. (TSX.V: **HLM**, the "Company") reports that 35 samples are in the process of being shipped for additional fire assay testing at TSL Laboratories of Saskatoon, Saskatchewan. The samples have been selected from the recently completed Phase II diamond drilling and the Fall channel sampling programs conducted over the Angel Hill Gold Zone ("AHGZ") on the Company's 100% owned, 635.6 hectare (1569.8 acre) West Cedartree Gold Project. The project is accessible by gravel road and is located near Sioux Narrows, Ontario, Canada. Assay results are expected in mid-February.

Houston Lake has followed this quality control procedure after every stage of exploration in order to assure a high confidence in assay value results. Results of approximately 850 surface channel and drill core samples will be combined into the upcoming resource estimate of a 130m long, 60m deep (426ft. by 197ft.) portion of the AHGZ. The gold zone remains open to depth and to the South. The AHGZ can be traced by geophysics for a distance of 2.1km (1.5miles) on the property to encompass gold-in-soil anomalies and a gold occurrence along its strike extension.

### Phase 2 Drill Program

The 7 hole, 701m (2300ft.) Phase 2 drill program was completed just before the Christmas Holidays and was designed to test the AHGZ at a depth of 60m (197ft.). A total of 212 samples were analyzed by standard fire assay analysis at ALS Chemex Laboratories of North Vancouver, B. C. The assay results varied from trace to 31.50 g/t Au (0.919 oz/t gold). Five of the seven NQ-2 sized drill holes returned significant results (>2 g/t Au). Drill hole 25 returned the best intercept of 5.895 g/t Au over 4.65m (0.172 oz/t over 15.25ft.) from the AHGZ. Drill hole 27 is the first bore hole targeted by Houston Lake on the historic McLennan Gold Zone. This hole intersected 5.05m grading 5.736 g/t Au (16.56ft. of 0.167 oz/t).

In 2003 Houston Lake conducted stripping and washing, systematic channel sampling, and detailed mapping over a 130m (426 ft.) segment of the AHGZ. The AHGZ was directly tested by 77 systematic channel samples which ranged from trace to 71.30 g/t Au (2.080 oz/t) and had a weighted average of 4.04 g/t Au (0.118 oz/t). This Fall, ten additional selective channel samples tested newly identified quartz lenses in the southern portions of the stripped area. The results ranged in value from 1.18 to 115.50 g/t Au (0.034 to 3.369 oz/t gold) and had a weighted average of 32.23 g/t Au (0.940 oz/t).

A total of 1733m (5684 ft.) of diamond drilling in 26 holes has been completed to date on the AHGZ. The gold zone has been tested every 20m (66 ft.) along a strike length of 120m (394ft.) at depths of 10, 25, 40 and 60m (33, 82, 131 and 197ft.). All bore holes were drilled in a westward direction to intersect the AHGZ perpendicular to geologic strike. The gold zone appears to dip to the east at approximately 70 degrees. Sixteen of the 24 holes drilled under the 130m (426ft.) stripped area have now returned significant gold values (>2 g/t Au) and 5 of these holes intersected grades higher than 1 oz/t gold.

## Exploration Plans

A comprehensive report of all prior and the recently completed exploration programs is currently being compiled. Independent Consulting Geologist Dean R. Cutting, P. Geo. is the Qualified Person for the project and has reviewed this press release. Recommendations include:

The AHGZ has been traced southward in outcrop for a total distance of 225m (738ft.). A surface exploration program of washing, stripping, channel sampling and detailed mapping is recommended to expose the AHGZ for an additional 100m (328ft.) southward along strike. A 1000m (3280ft.) diamond drill program would then systematically test the strike extension to depth utilizing a similar methodology as the previous drill programs.

The McLennan Gold Zone ("MGZ") is located 300m (984ft.) west of and is oriented subparallel to the AHGZ. The MGZ is traced by geophysics for a distance of 2.6km (1.6 miles) on the property. The seventh drill hole of the Phase 2 drill program targeted and successfully intersected the MGZ at an approximate depth of 20m. (66ft.) and returned 6.132 g/t Au over a core length of 4.55m (0.179 oz/t gold over 14.92ft.). The high content and characteristics of the sulphides encountered in the MGZ suggest that IP geophysics would be an effective exploration method for targeting the gold zone along strike and to depth. A surface exploration program of washing, stripping, channel sampling and detailed mapping is also recommended to expose the MGZ in the vicinity of old trenches and pits and future targets generated by the proposed IP survey. A diamond drill program would be devised to test the MGZ.

Houston Lake intends to raise funds upon completion of the report to carry out these recommendations. The Company will also be making an application for an Advanced Exploration Project status this winter. The purpose of the application would be to enable the project to progress to the pre-development and development stage. The application would not be required to carry out the preliminary recommendations.

## Annual Shareholders Meeting

Houston Lake Mining will be holding its Annual General Meeting of Shareholders on February 15, 2005 at 2pm EST. The meeting will be held at the Company's offices located at 2892 White Street, Val Caron, ON. All interested stakeholders are invited to attend.

## About Houston Lake Mining Inc.

Houston Lake Mining Inc. is an exploration company listed on The TSX Venture Exchange under the symbol HLM. We are focused on the exploration and development of opportunities in the strategic and high technology metals sector which have excellent supply/demand fundamentals. Houston Lake is actively exploring for Gold, Platinum Group Metals and Rare Metals with a strategic focus on northwestern Ontario. The Company has a total of 18,375,197 common shares issued and outstanding. For additional information, we invite you to visit us at [www.houstonlakemining.com](http://www.houstonlakemining.com).

### Company Contacts:

Lindsay Malcolm  
Investor Relations  
1-877-713-7465 (toll-free)

[Lmalcolm@houstonlakemining.com](mailto:Lmalcolm@houstonlakemining.com)

E. Grayme Anthony *B.Sc., P. Geo., F.G.A.C., M. B. A.*  
Tel: (705) 897-7622  
Fax: (705) 897-7618

[ganthony@houstonlakemining.com](mailto:ganthony@houstonlakemining.com)

*The TSX Venture Exchange has neither approved nor disapproved of the information contained herein.*