

NYSE-A: THM TSX: ITH

## Developing North America's Newest Gold Discovery

**International Tower Hill Ltd. (TSX: ITH; NYSE-A: THM)** controls a 100% interest in the world-class **Livengood Gold Project**, located by paved highway 70 miles north of Fairbanks, Alaska. The Livengood Gold Project is ranked the 20<sup>th</sup> largest gold deposit in the world and is located in one of the world's most desirable mining jurisdictions, Interior Alaska, which has strong ties to the mining community.

Led by major mining company experts from AngloGold, Gold Fields, Newmont, Teck and Kinross with proven track records of project permitting and development, the Company is advancing the Livengood Gold Project through the Prefeasibility Study phase in 2012 towards becoming one of the largest new gold mines in North America.

Given the Livengood district's 90-year history of placer mining, the company is also investigating the possibility of placer gold extraction as early as 2013.

### AUGUST 2011 LIVENGOOD SURFACE MINE RESOURCE ESTIMATE

Resource Category	Gold Cutoff (g/t)	Tonnes (M)	Gold (g/t)	Gold (Moz)
Measured & Indicated	0.22	933	0.55	16.5
Inferred	0.22	257	0.50	4.1

\* Cutoff grade is average for variable processing costs and recoveries with average recovery of 79%. Classification of the resources was based on the geostatistical analysis of gold grades and the drill hole spacing in the deposit.

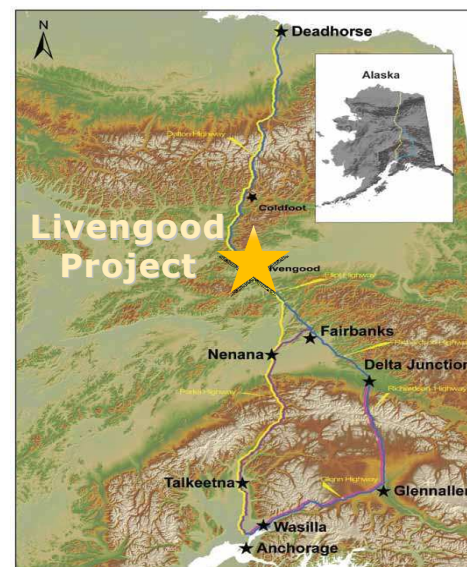
### Preliminary Economic Assessment Highlights (August 2011)

- The Livengood Mine is expected to produce an average of 664,000 ounces of gold at a cash cost of \$557/oz over the first five years of its 23-year Mine Life.
- Daily mine throughput expected to be 91,000 tonnes of ore with low strip ratio of 1.19:1 (waste to ore).
- Initial CAPEX of \$1.61 Billion and LOM CAPEX of \$2.19 Billion.
- Cumulative Pre-Tax Cash Flows of \$3.1 Billion, NPV of \$1.2 Billion (at 5% discount rate), IRR of 14.1% and Payback Period of 4.9 years using \$1,100/oz gold price.
- Cumulative Pre-Tax Cash Flows of \$10.6 Billion, NPV of 4.8 Billion (at 5% discount rate), IRR of 37% and Payback Period of 2.3 years using \$1,700/oz gold price.



Livengood Exploration Camp near Elliott Highway/Trans-Alaska Pipeline

The Company cautions that the PA is preliminary in nature, and is based on technical and economic assumptions which will be evaluated in the Pre-feasibility Study. The PA is based on the Livengood in-situ resource model (June, 2010) which consists of material in both the indicated and inferred classification. Inferred mineral resources are considered too speculative geologically to have technical and economic considerations applied to them. The current basis of project information is not sufficient to convert the in-situ mineral resources to mineral reserves, and mineral resources that are not mineral reserves do not have demonstrated economic viability. Accordingly, there can be no certainty that the results estimated in this PA will be realized.



### SHARE STRUCTURE

(as of February 15, 2012)

TSX:	ITH
NYSE-A:	THM
Shares I/O:	86,648,919
Fully Diluted:	93,968,919
Market Cap:	CDN\$435.0 M
Treasury (Aug. 31, 2011)	CDN\$94.4 M

### MAJOR SHAREHOLDERS

Tocqueville Asset Mgmt.	16.3%
AngloGold Ashanti	11.3%
Paulson & Co.	5.9%
Texas Teachers Retirement	2.4%
ITH Management	4.2%
Institutional Ownership	49.3%

### MANAGEMENT

James Komadina, Chief Executive Officer  
 Tom Yip, Chief Financial Officer  
 Robert Comer, CAO & General Counsel  
 Allen Thabit, Manager of Engineering  
 Thomas Irwin, Alaska General Manager  
 Harold Galbraith, Manager of Mining  
 Chris Puchner, Chief Geologist



## Project Infrastructure

Accessible via all-weather paved highway 70 miles north of Fairbanks, Alaska, a major mining center.

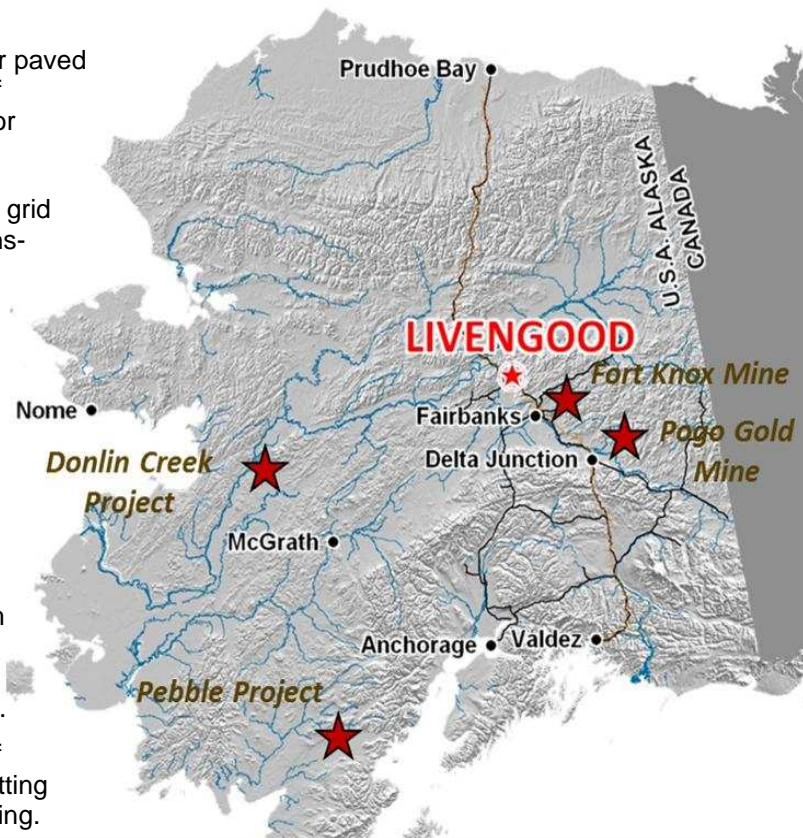
Located 50 miles north of grid power and along the Trans-Alaska Pipeline route.

Located in historic mining area with existing road and trail network and favorable topography for infrastructure.

## Permitting

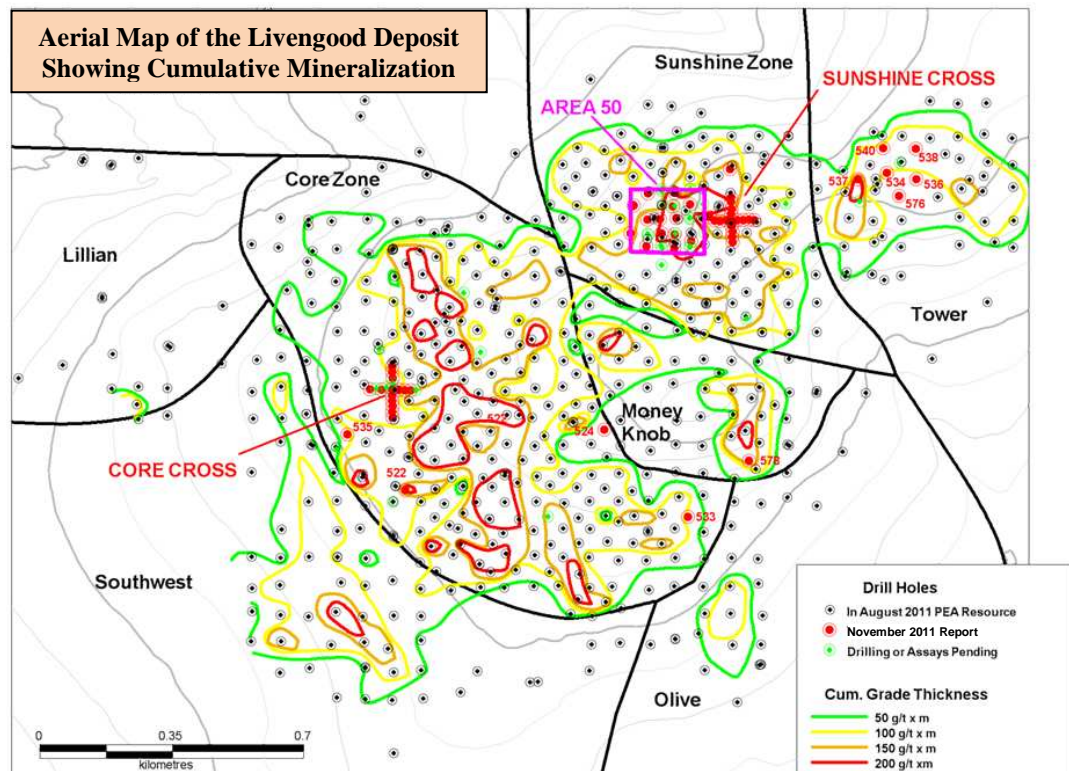
Baseline environmental work conducted since 2008 continues to confirm that environmental aspects of project can be successfully managed.

MOU signed with State of Alaska Large Mine Permitting Group to facilitate permitting.



## Continuous Exploration Success

The Livengood gold resource has continually expanded since its discovery in late 2006 with aggressive resource expansion drilling programs that now total over 160,000 meters in over 700 drill holes. Currently, the deposit remains open both laterally and at depth and future drill programs will likely continue to expand the resource.



## CONTACT

### Investor Relations:

Shirley Zhou, VP, Corp. Comm.  
 Direct: 604.343.4799  
 Toll-Free: 1.855.208.4642 (Ext. 213)  
 E: [szhou@ithmines.com](mailto:szhou@ithmines.com)

### General Inquiries:

International Tower Hill Mines Ltd.  
 9635 Maroon Circle, Suite 350  
 Englewood, CO, USA 80112  
 T: 720.881.7646 | F: 720.881.7645  
 Toll-Free: 1.855.208.4642

[www.ithmines.com](http://www.ithmines.com)

This fact sheet contains forward-looking statements within the meaning of applicable Canadian and US securities legislation. Although the Company believes that such statements are reasonable, it can give no assurance that such expectations will prove to be correct. Information concerning mineral resource estimates and the preliminary economic analysis thereof also may be deemed to be forward-looking statements in that it reflects a prediction of the mineralization that would be encountered, and the results of mining it, if a mineral deposit were developed and mined. The Company cautions investors that any forward-looking statements by the Company are not guarantees of future results or performance, and that actual results may differ materially from those in forward looking statements as a result of various risks and uncertainties as disclosed in the Company's AIF filed with certain securities commissions in Canada and the Company's annual report on Form 40-F filed with the United States Securities and Exchange Commission. All of the Company's Canadian public disclosure filings may be accessed via [www.sedar.com](http://www.sedar.com) and its United States public disclosure filings may be accessed via [www.sec.gov](http://www.sec.gov), and readers are urged to review these materials, including the technical reports filed with respect to the Livengood property. Readers are also urged to consult with an investment professional before making any decision to invest in the Company's securities.