

## **Ivanhoe Mines' exploration team receives the 2015 Thayer Lindsley International Discovery Award for the Kamoia Copper Deposit in the Democratic Republic of Congo**

### **Award medals presented at the annual conference of the Prospectors & Developers Association of Canada**

**TORONTO, CANADA —** Robert Friedland, Executive Chairman of Ivanhoe Mines (TSX: IVN), and Lars-Eric Johansson, Chief Executive Officer, announced today that members of the Ivanhoe Mines exploration team have received the prestigious Thayer Lindsley Award from the Prospectors & Developers Association of Canada (PDAC) for the discovery of the Kamoia Copper Deposit in the Democratic Republic of Congo (DRC).

The Thayer Lindsley International Discovery Award, which is presented annually by the PDAC, recognizes an individual or a team of explorationists credited with a recent significant mineral discovery or series of discoveries anywhere in the world.

The award honours the memory of Thayer Lindsley, who was inducted into the Canadian Mining Hall of Fame in 1989 and was one of the most accomplished mine finders of the past century. Throughout Mr. Lindsley's long and extraordinary career, he either founded or was involved in the development of many famous Canadian mining companies, including Falconbridge, Sherritt Gordon, Frobisher, Giant Yellowknife, Canadian Malartic and United Keno Hill. It is estimated that his geological and creative genius touched the fortunes of more than 185 mining companies throughout the world.

"The PDAC's recognition of the efforts of key members of the Ivanhoe exploration team in the extraordinary Kamoia discovery is an honour and a proud achievement for our company," said Mr. Friedland.

"Kamoia, which now ranks as Africa's largest high-grade copper discovery and is the world's largest undeveloped high-grade copper discovery, was formed more than 500 million years ago and was subsequently hidden under a thin layer of Kalahari sand for an estimated tens of millions of years. The discovery, first announced in April 2009, was the collaborative effort of a global team of exceptionally talented geologists, mine finders and financiers – creative thinkers and doers – with a deep esteem for science, technology and grass-roots exploration.

"The largest major copper discovery in the DRC since the early 1900s, Kamoia represents the discovery of a previously unrecognized and richly endowed district within the Central African Copperbelt — geologically distinct, yet geographically next door to the well-known Kolwezi deposits. We have a strong belief that the Copperbelt in DRC holds the potential for additional world-scale discoveries," Mr. Friedland added.

The Ivanhoe Mines Kamoia Discovery Team was led by Dr. David Broughton, Executive Vice President of Exploration at Ivanhoe Mines, and Thomas Rogers, Director of Exploration, African Mining Consultants. Team members also included David Edwards, Geology Manager, Kamoia

Project, Ivanhoe Mines; Dr. Douglas Haynes, Director, Douglas Haynes Discovery Pty. Ltd.; Dr. Ross McGowan, formerly of African Mining Consultants and currently CEO, Armada Exploration Ltd.; and Steven McMullan, P. Geo., Site Manager at Ivanhoe Mines' Kipushi Project and Principal Geoscientist with African Mining Consultants. The team also included geologists from the DRC, USA, UK and Canada.

Attending the PDAC awards dinner from the DRC were Felix Mupande, Director General of Cadastre Miniere (Mines Registry), Victor Kasongo, who was the Deputy Minister of Mines in the DRC when Kamao was discovered, Guy Nzuru Solo, Ivanhoe's General Manager, DRC, and Innocent Mushobekwa, an Ivanhoe geologist.

Photo 1: Robert Friedland (right) presenting the Thayer Lindsley Award to two members of the Kamao Discovery Team – Dr. David Broughton (left) and Thomas Rogers (centre).



Photo 2: (From left to right) Innocent Mushobekwa; Guy Nzuru Solo; Felix Mupande; Dr. David Broughton; Robert Friedland; Victor Kasongo; Thomas Rogers; William Hayden, Director of Ivanhoe Mines; David Edwards; and Dr. Ross McGowan.





## The Ivanhoe group's history of PDAC recognitions

This is the second time in the 12-year history of the Thayer Lindsley Award that it has been awarded to geologists from a Canadian company affiliated with Ivanhoe Capital Corporation, which represents some of Mr. Friedland's principal business interests in the international resources sector. In 2004, the inaugural year for the award, three senior geologists with the original Ivanhoe Mines (now Turquoise Hill Resources) won the award for their work that led to the discovery of the Hugo Dummett copper-gold deposit that is slated to begin production as the second phase of the Oyu Tolgoi Mine in Mongolia.

In 1996, Mr. Friedland won the PDAC's Viola MacMillan Developer's Award for his work in establishing and financing companies engaged in mineral exploration and development around the world – in part a recognition of the key role he played as Co-Chairman of Diamond Fields Resources in helping to transform a small outcrop at Voisey's Bay, Labrador, into one of Canada's most significant mineral discoveries and negotiating the sale that eventually saw the deposit developed into one of the world's major nickel mines. (Also in 1996, Albert Chislett and Chris Verbiski, the prospectors who made the landmark discovery at Voisey's Bay while exploring under an agreement with Diamond Fields Resources, shared the PDAC's Bill Dennis Award for Prospector of the Year.)

Photo 3: Ivanhoe's current and past Thayer Lindsley Award winners – (from left to right) Dr. David Broughton; Thomas Rogers; David Edwards; Charlie Forster and Douglas Kirwin, winners of 2004 Thayer Lindsley Award; and Dr. Ross McGowan.



## Kamoa Project description

The Kamoa Project is a very large, stratiform copper deposit with adjacent prospective exploration areas within the Central African Copperbelt, approximately 25 kilometres west of the town of Kolwezi and about 270 kilometres west of the provincial capital of Lubumbashi.

In December 2012, an independent mineral resource estimate ranked Kamoia as Africa's largest high-grade copper discovery and the world's largest undeveloped high-grade copper discovery. The estimate was prepared by AMEC E&C Services, of Reno, Nevada.

As of January 2013, Ivanhoe Mines had discovered Indicated Mineral Resources at Kamoia totalling 739 million tonnes grading 2.67% copper and containing 43.5 billion pounds of copper, plus Inferred Mineral Resources of 227 million tonnes grading 1.96% copper and containing 9.8 billion pounds of copper. A 1% copper cut-off grade and a minimum vertical mining thickness of three metres were applied in each classification.

The Kamoia discovery was made by Ivanplats, which subsequently adopted the Ivanhoe Mines name in 2013. Today, Ivanhoe Mines holds its 95% interest in the project through an indirect subsidiary company, Kamoia Copper SA. A 5%, non-dilutable interest in Kamoia Copper was transferred to the DRC government on September 11, 2012, for no consideration, pursuant to the DRC Mining Code. Ivanhoe also has offered to sell an additional 15% interest to the DRC government on commercial terms, to be negotiated.

In August 2012, the DRC government granted mining licences to Ivanhoe Mines for the Kamoia Project that cover a total of 400 square kilometres. The licences are valid for 30 years and can be renewed at 15-year intervals. Mine development work at Kamoia began in July 2014 with construction of a box cut for the decline ramps that will provide underground access to the initial high-grade mining area.

### **Qualified Person and Quality Control and Assurance**

The scientific and technical information in this release has been reviewed and approved by Stephen Torr, P.Geol., Ivanhoe Mines' Vice President, Project Geology and Evaluation; a Qualified Person under the terms of National Instrument 43-101. Mr. Torr has verified the technical data disclosed in this news release. For detailed information about assay methods and data verification measures used to support the scientific and technical information, please refer to the current technical report on the Kamoia Copper Project on the SEDAR profile of Ivanhoe Mines at [www.sedar.com](http://www.sedar.com).

### **About Ivanhoe Mines**

Ivanhoe Mines is advancing and developing its three principal projects:

- The Kamoia copper discovery in a previously unknown extension of the Central African Copperbelt in the DRC's Katanga Province.
- The Platreef Discovery of platinum, palladium, nickel, copper, gold and rhodium on the Northern Limb of the Bushveld Complex in South Africa.
- The historic, high-grade Kipushi zinc-copper mine, also on the Copperbelt in the DRC.

### **Information contacts**

Investors

Bill Trenaman +1.604.331.9834

Media

North America: Bob Williamson +1.604.512.4856

South Africa: Jeremy Michaels +27.82.939.4812