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Iron Ore Producer Molybdenum Mine Developer

Company Presentation
March 2011

This presentation includes “forward-looking statements” as that term within the meaning of securities laws of applicable jurisdictions. Forward-looking statements involve known and unknown risks, uncertainties and other factors that are in some cases beyond Moly Mines’ control. These forward-looking statements include, but are not limited to, all statements other than statements of historical facts contained in this presentation, including, without limitation, those regarding Moly Mines’ future expectations. Readers can identify forward-looking statements by terminology such as “aim,” “anticipate,” “assume,” “believe,” “continue,” “could,” “estimate,” “expect,” “forecast,” “intend,” “may,” “plan,” “potential,” “predict,” “project,” “risk,” “should,” “will” or “would” and other similar expressions. Risks, uncertainties and other factors may cause Moly Mines’ actual results, performance, production or achievements to differ materially from those expressed or implied by the forward-looking statements (and from past results, performance or achievements). These factors include the failure to complete and commission the mine facilities, processing plant and related infrastructure in the time frame and within estimated costs currently planned; variations in global demand and price for molybdenum and copper; fluctuations in exchange rates between the U.S. dollar and the Australian dollar; failure to recover the resource and reserve estimates of the Project; the failure of Moly Mines’ suppliers and service providers to fulfil their obligations under construction, supply and tolling agreements; unforeseen geological, physical or meteorological conditions, natural disasters or cyclones; changes in the regulatory environment, industrial disputes, labour shortages, political and other factors; the inability to obtain additional financing, if required, on commercially suitable terms; and global and regional economic conditions. Readers are cautioned not to place undue reliance on forward-looking statements. We assume no obligation to update such information.

SPINIFEX RIDGE, Western Australia

Iron Ore Miner

- Production commenced December 2010
- 1MT/A DSO Hematite
- Strong cashflows

Molybdenum / Copper Developer

- Fully permitted, development ready
- US\$500M Project Finance near complete with Chinese banks
- Targeting production for 2013

STRATEGIC CHINESE PARTNER

- Vision to build a major world class mining group
- Hanlong Group US\$6.5 billion credit lines



Spinifex Ridge Location

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EL – Exploration Licence

GPL – General Purpose Lease

Iron Ore Resource

5.3 Mt @ 58.2% Fe

1.5kms

● Rockchip Sample

Iron Ore Mine Camp

Granite

64.7% Fe

55.8% Fe

60.2% Fe

Basalt

Iron Formation

Basalt

Ultramafic

Basalt

55.2% Fe

56.1% Fe

Basalt

Iron Formation

Felsics

61.4% Fe

61.9% Fe

59.2% Fe

61.6% Fe

55.1% Fe

Iron Ore Plant Site

Molybdenum-Copper Resource

652Mt @ 0.05% Mo, 0.08% Cu

Basalt

Ultramafic

Basalt

ML – Mining Leases

Granite



Capital Structure

ASX/TSX Ticker	MOL
Market Cap (28/2/2011)	A\$393M
Ordinary Shares	365.9M
Unlisted Options	73.3M
Cash (31/12/2010)	A\$24.1M
Moly Project equipment	A\$65.0M
10 Year Shareholder Loan	US\$60M

Shareholders

Hanlong Group	56.6%
Australian Register	31.9%
Canadian Register	11.5%

Unlisted Options

TCW	23.8M
Institutions	14.0M
Hanlong (to be approved by shareholders April 2011)	35.5M

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- Privately owned
- Resource Interests – Zn, Mo, Cu, Coal, Au
- Electricity production, infrastructure development, pharmaceutical production, food and alcoholic beverages, real estate development, environmental technology, tourism development and high tech industries
- RMB 9.5 billion revenue 2008 (A\$2.5 billion)
- 12,000 employees
- Credit lines available from Chinese financiers

Hanlong Vision

Moly Mines Limited



- With two investments, Hanlong has become a major player in future global molybdenum industry

- International Mining House
- Major world Mo company



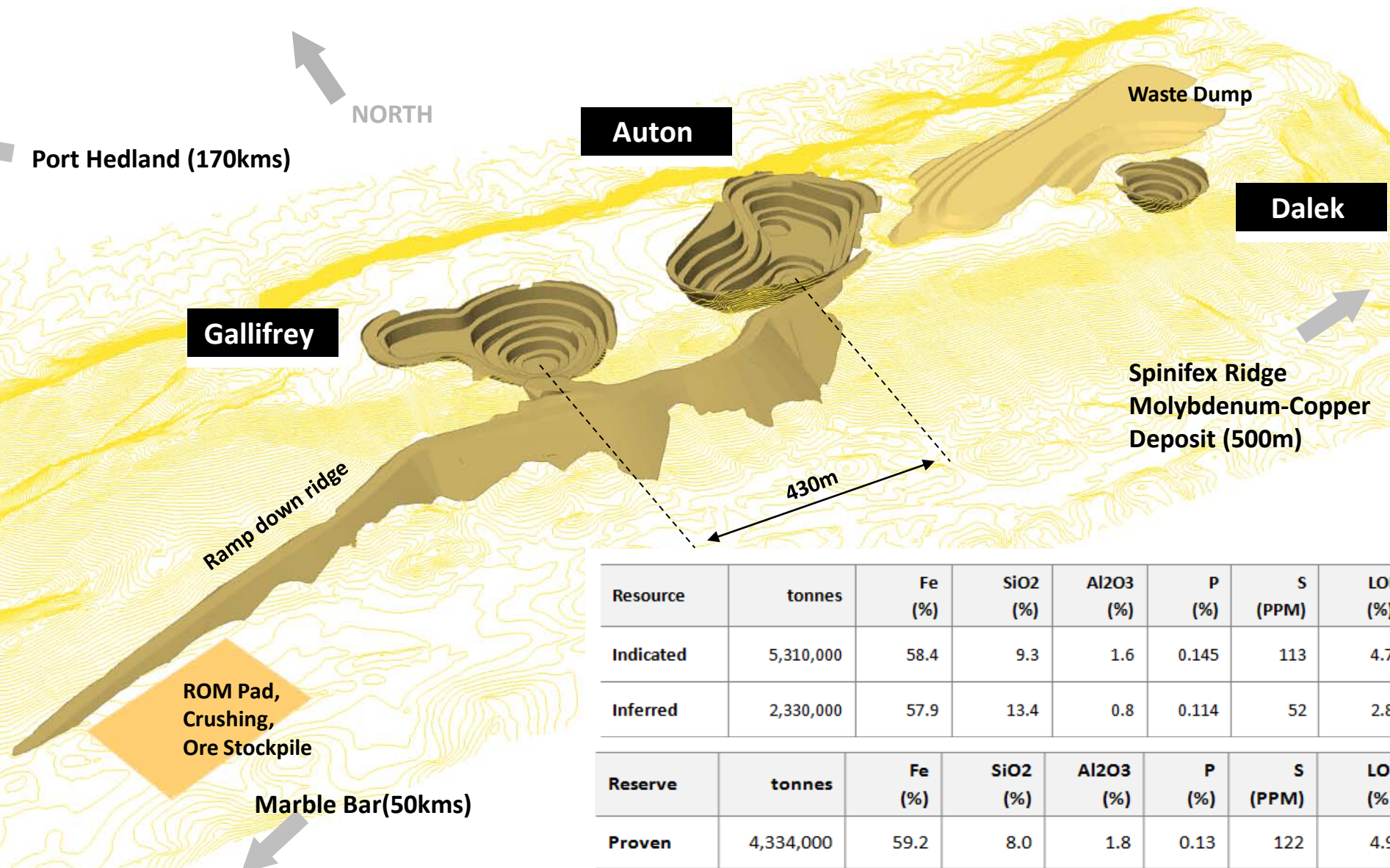
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Spinifex Ridge Iron Ore Mine

Spinifex Ridge Site Layout

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Resource	tonnes	Fe (%)	SiO2 (%)	Al2O3 (%)	P (%)	S (PPM)	LOI (%)
Indicated	5,310,000	58.4	9.3	1.6	0.145	113	4.7
Inferred	2,330,000	57.9	13.4	0.8	0.114	52	2.8
Reserve	tonnes	Fe (%)	SiO2 (%)	Al2O3 (%)	P (%)	S (PPM)	LOI (%)
Proven	4,334,000	59.2	8.0	1.8	0.13	122	4.9



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Life of Mine Reserve Production

Ore	4.3-4.6Mt
Strip ratio	3.3
DSO hematite Fe Grade	59.0%
FOB operating cost	\$65/T

Sales

- Sales agreement with Hanlong indexed to published spot prices
- 826,000T production estimate 2011
- Spot FOB price for shipped ore quality⁽¹⁾: US\$142/T
- Monthly shipments
- Targeting 80,000 tonnes per month during second quarter 2011

⁽¹⁾ Platts IODEX 58% and 62% Fe CFR North China 28 February 2011, adjusted for freight and state government royalties US\$20/T

Operations

- Estimated FOB operating costs 2011:

	Unit Cost (A\$/t ore mined)
Mining	18
Crushing	8
Haulage	20
Site administration	10
Port	8
	64

- Total site construction cost to first ore production: A\$18M
- Capital payback within 4 shipments at current prices

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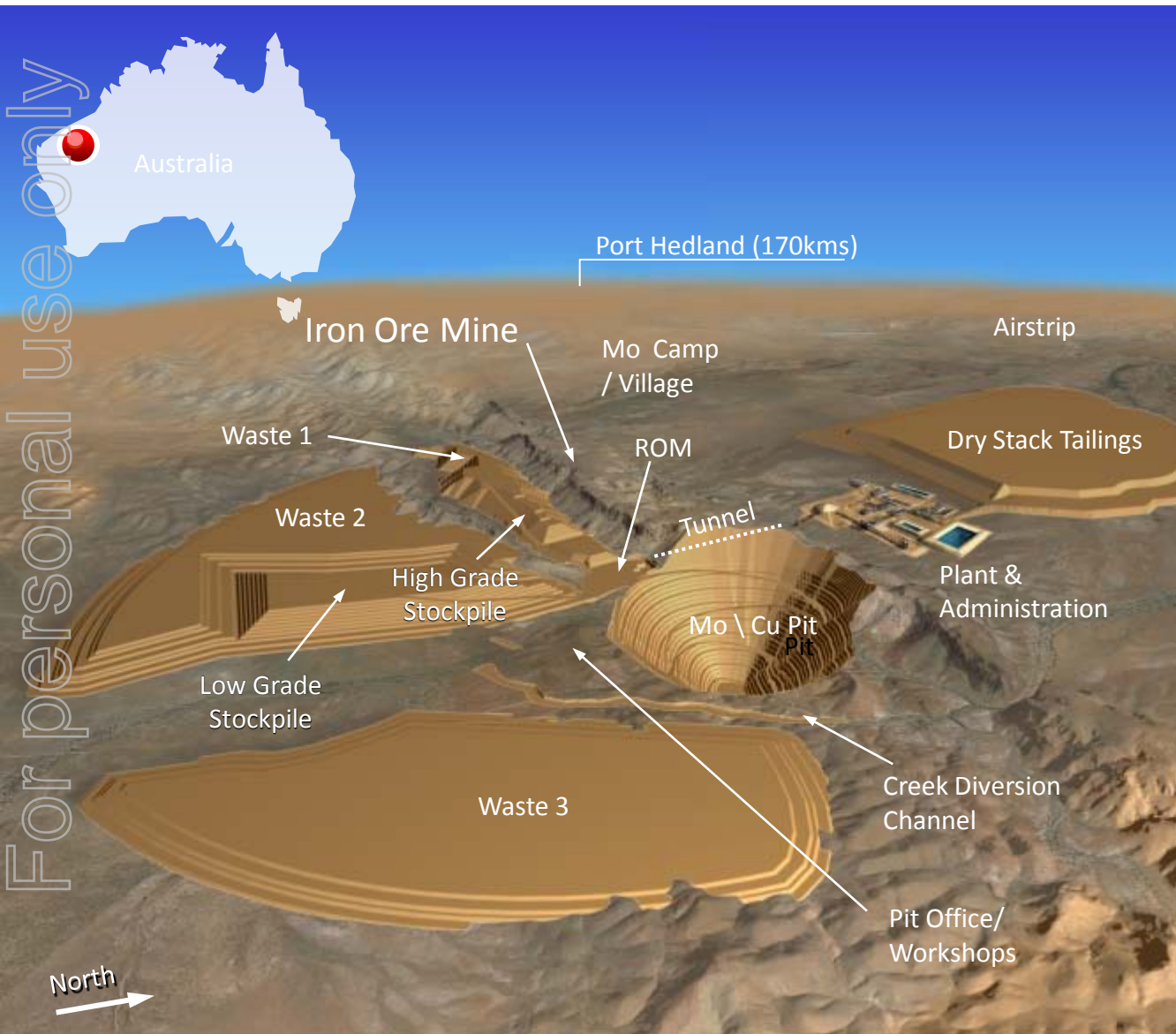
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Spinifex Ridge Molybdenum / Copper Project

Transportation of mill sections, Perth

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Highlights

- Feasibility studies completed for a 10MT/A and 20MT/A operation
- Long life mine – 20-40 years
- Conventional open pit
- Conventional comminution and flotation processing
- 2 year construction period from full project funding
- Utilizes large scale crushing equipment already purchased and in storage
- 12-13 Million lbs Mo per year
- Mine and mill expansion potential

■ Consumption

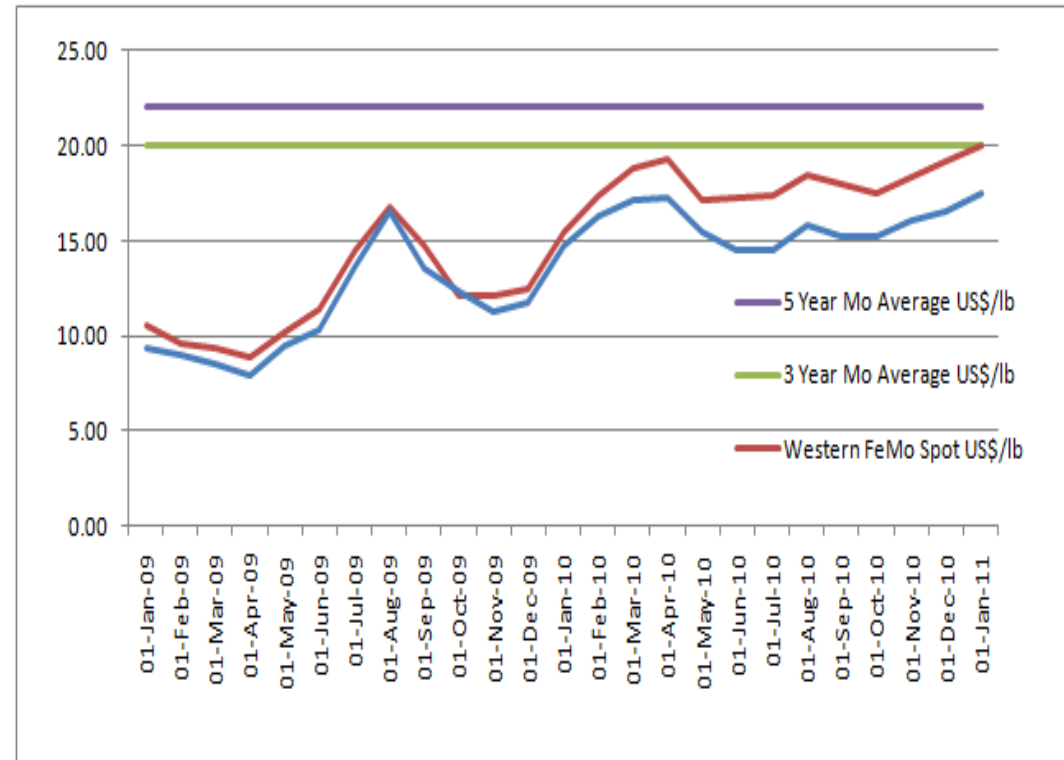
- Driven by stainless steel, full alloy and tool steels, high strength low alloy, carbon steels and catalysts
- Anti-corrosive properties, provides resistance to abrasion and imparts hardness to steels
- Different applications can use between 0.5% to 8% Mo
- Used in high pressure applications in extreme temperature conditions
- Consumers are price insensitive and unwilling to substitute given its importance to structural integrity
- Forecast demand for molybdenum set to grow at 5-6% yoy through 2015
- Energy applications, pipeline development, nuclear power plants, desalination, high sulphur fuels, motor vehicles

■ Supply

- 10 producers account for 55% of global mine output
- Decades of industry under investment
- Primary producers now the dominant contributor to global mine output
- 2010 mine output has rebounded as existing mines have restored capacity from 2008/2009 shut downs
- At 5-6% growth the market requires 10,000 tonnes (22mlb) of new production per annum to maintain equilibrium
- Limited growth in by-product mines, copper production being sourced outside of traditional South American countries - ***the world needs new primary molybdenum mines***

Prices

- Limited western world demand through GFC, however end 2008 and early 2009 price levels prove unsustainable as higher cost marginal producers in China withdraw from market
- Found a floor at US\$15.00/lb
- Prices stable through 2010 as mine output reacted to and matched strong Chinese domestic economy - China currently the dominant player and net importer
- Market currently in balance - global inventories less than 1 months production
- Under investment in moly projects will create supply tightness as global demand recovers
- China export quota's and potential rationalization of domestic production could contribute to western supply shortfall
- As new primary molybdenum mines are brought into production during this decade, the marginal cost of production will reflect their cost structures including capital payback
- Supply and demand side factors could both contribute to rising price landscape this decade



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Reserves					
JORC / NI43-101 classification	Mt	Mo%	Cu%	Ag g/t	MoEq% ₁
Proven reserves	199.7	0.06	0.10	1.5	0.09
Probable reserves	251.1	0.04	0.07	1.1	0.06
TOTAL	450.8	0.05	0.08	1.3	0.07

Resources					
JORC / NI43-101 classification	Mt	Mo%	Cu%	Ag g/t	MoEq%
Measured resources	206.8	0.06	0.10	1.5	0.09
Indicated resources	445.4	0.04	0.07	1.1	0.06
TOTAL	652.2	0.04	0.08	1.2	0.07
Inferred resources	399.0	0.04	0.07	1.1	0.06

45 yr mine life

First 10 yrs
0.10%

Capacity for life extension & expansion

Relative Competitiveness

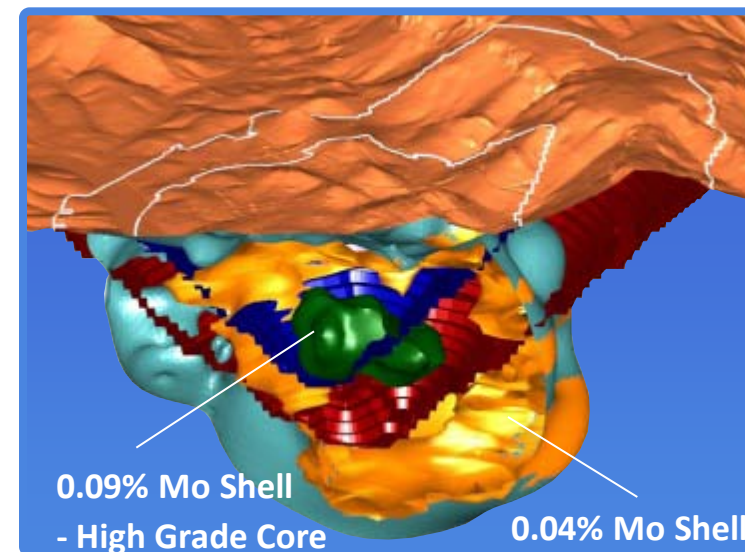
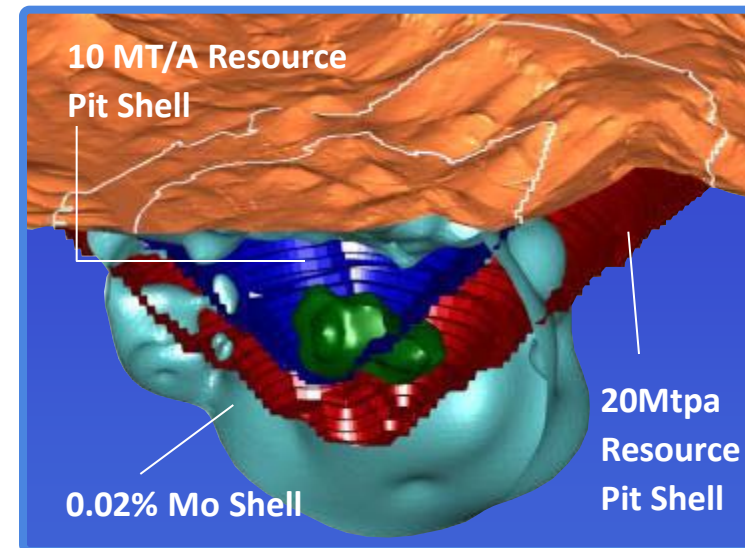
- Top 5 primary molybdenum resource globally by contained metal
- Mo Equiv. reserve grade is comparable to other western world primary molybdenum projects
- Complemented by Iron Ore
- Fully permitted ready to build

Note—Reserves are a sub-set of Resources
0.02% Mo cut-off assumed for resources
0.03% Mo cut-off assumed for reserves

1 – Mo equivalent calculated on contained metal @ 4QCY10 average metal prices

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- 20-24 month construction period from full project funding
- 10MT/A initial throughput rate
- Long lead equipment in storage reducing construction and implementation risk
- Pit design has been optimized to maximize grades early and to fit processing requirements
- Initial head-grade – 0.07% Mo, 0.11% Cu (1st 10 years)
- Ore-body drives towards plant expansion

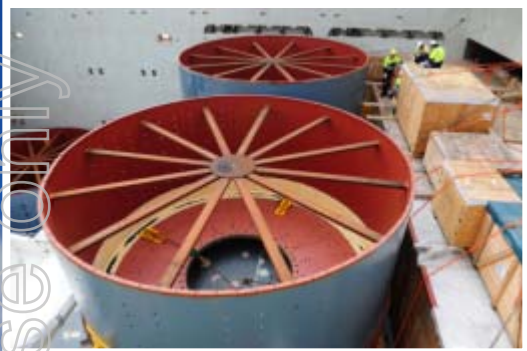


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Hanlong US\$200M injection	April 2010
Chinese engineering study China Development Bank (CDB) credit committee approval	July 2010
Sichuan Provincial Development and Reform Commission approval	August 2010
Term Sheet negotiation initiated <ul style="list-style-type: none"> • Corporate facility, 12 year loan term, US LIBOR plus 362 points • Negotiations with preferred Chinese and Australian engineering construction contractors • Parent company guarantees and asset pledges from Hanlong 	September 2010
National Development Reform Commission (NDRC) approval for funding	December 2010
CDB issues commitment letter for up to US\$250M	January 2011
China Export Import Bank (EXIM) credit approval and commitment letter for up to US\$250M	Due now
Full project finance facility documentation – commenced	February 2011
Target date for financing completion	June 2011

Long Lead Equipment Orders Completed

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Board of Directors

Mr. Michael Braham – Chairman

Recently appointed new independent director. Investment banking background with many years as a public company director. Appointment as Chairman 1 December 2010.



Mr. David Nixon – Independent Non-Executive Director

A mechanical engineer with 40 years experience in the mining and construction industries in Southern Africa, Australia, New Zealand, Canada and Indonesia.

Mr. David Craig – Deputy Chairman

An experienced businessman and lawyer, who has held and holds Executive and Board positions in the fields of law, financial services and the resources industry.



Mr. Steven Xiao – Executive Director

Over 15 years experience in finance and investment working for globally recognized investment banks and financial organizations. Skilled in capital utilization and industry integration with extensive global M&A experience.

Dr. Derek Fisher – CEO/Managing Director

Over 40 years of worldwide experience in the resource industry, more than 20 years experience as a manager of publicly listed resource companies, in addition to serving as a director of mining companies that developed mines in Australia, Mongolia, Armenia and the DRC.



Mr. Andy Zhmurovsky – Non-Executive Director

Holds a Bachelor of Business Administration with Honors from the University of Texas at Austin. Mr. Zhmurovsky is the Senior Vice President within the Energy and Infrastructure Group at TCW.

Mr. Liu Han – Non-Executive Director

Over the past 10 years Mr. Liu has built the Sichuan Hanlong Group into a modern and international company. He is well known for his philanthropic work and has been awarded national recognition. Mr. Liu was named one of the 10 most influential people on the economy of Sichuan in the past 30 years.



Mr. Bob Prosser – Non-Executive Director

Recently appointed new independent director. Experienced corporate advisor with 30 years experience in mergers and acquisitions. MA (Oxf) in Chemistry and is a Fellow of the Institutes of Chartered Accountants of Australia, and England and Wales and is a member of the Australian Institute of Company Directors.

Mr. Nelson Chen – Alternate Non-Executive Director

Mr. Liu has appointed Mr. Chen as his alternate director. Mr. Chen holds postgraduate degrees in finance and accounting and is fully bilingual. He brings with him extensive cross cultural professional experience.

Key Managers and expanding



Mr. Collis Thorp – Chief Operating Officer

40 years mining experience, having operated and managed open-pit and underground mines in Australia and internationally. Experience covers precious, base and specialty metal operations, including gold, tin, tungsten, titanium and zircon.



Mr. David Pass – Manager Metallurgy

David holds a Bachelor of Science and a double major: Extractive Metallurgy and Chemistry from Murdoch University, Western Australia and has over 25 years hard rock mining experience. Prior to joining Moly Mines David spent 12 years with Placer Dome's (now Newmont Mining) Granny Smith operation holding senior metallurgist, plant operator and processing manager positions. David has also held senior metallurgical roles at Plutonic Gold Mine and with BP Mineral Australia.



Mr. Mike Gloyne – General Manager Operations

Mike holds a Bachelor of Science, Mining Engineering, University of Newcastle Upon Tyne, England, a WA Unrestricted Quarry Managers Certificate and a Northern Territory Mine Managers Certificate. Over 30 years of mine management and operations experience in iron ore, manganese and gold for companies including Hamersley Iron (now Rio Tinto) and Dominion Mining. Over 10 years in executive management positions with major mining contractors such as Henry Walker, Boral and Brambles.



Mr. Graeme Kininmonth – Manager Health & Safety and Environment

Graeme holds a Bachelor of Science from Australian National University and has over 30 years experience including management of project approvals processes in senior environmental and site management positions for Straits Resource, Sons of Gwalia and Cable Sands.



Mr. John McEvoy – Chief Financial Officer

John is a Chartered Accountant and holds a Bachelor of Science Honours in Mathematics with Applications from Southampton University. John has held mine accountant, commercial manager roles and financial controller roles since 1989 and has held CFO or Company Secretary roles for Australian and AIM listed companies since 2004. Previously held positions with Barrack Mines, Wiluna Mines & Cable Sands.



Ms. Barbara Kwiecien – Manager Land Administration

28 years of international experience within land and tenure administration and land access negotiations. An accredited mediator, she has facilitated her work internationally, specifically with indigenous people.



Ms. Xu Chuanmei

MA Degree from China University of Geosciences. Ms Xu has extensive experience working with Chinese and international resource sectors, and is highly skillful in intercultural communications and negotiations. She also specialises in international trade and marketing.



Mr. Andrew Worland – Company Secretary, General Manager Commercial & Marketing

Andrew is a qualified accountant with a Bachelor of Commerce (Accounting and Finance) from the University of Western Australia. Over 16 years corporate, finance and company secretarial experience in the resources industry commencing with Arthur Andersen Chartered Accountants and spending the last 12 years in senior management positions within mining houses.



Mr. Ben Cairns – Exploration Manager

Mr Cairns holds a Bachelor of Science from the Australian National University with Honours in Geology. He has twelve years experience as an exploration geologist working on a range of projects from greenfields exploration, through to resource development, near mine exploration and project evaluation in a range of commodities including gold, copper, base metals, PGE's, molybdenum and iron ore.

Head Office

50 Kings Park Rd, West Perth, WA, 6005, AUSTRALIA

Telephone: +61 8 9429 3300 Fax: +61 8 9429 3399

Toronto IR Office

Telephone: +1 416 371 7541

More Information

Email: info@molymines.com

Website: <http://www.molymines.com>

Stock market codes: ASX: MOL, TSX: MOL, FWB: HJ1

