



**China Gold International  
Resources Corp. Ltd.**

中国黄金国际资源有限公司

# **China Gold International Strong 2013 First Half and Q2 Results, Expansion Update and Corporate Overview**

**TSX: CGG | HKSE: 2099**

**August 14, 2013**



# FORWARD LOOKING STATEMENTS



China Gold International  
Resources Corp. Ltd.

中国黄金国际资源有限公司

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# Agenda



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- ❖ Company Overview
- ❖ Financial Highlights (Second Quarter 2013 and Annual 2012)
- ❖ CSH Gold Mine Overview and Expansion Update
- ❖ Jiama Polymetallic Mine Overview and Expansion Update
- ❖ Growth Plan (Organic Growth and M&A)

# ABOUT CHINA GOLD INTERNATIONAL



China Gold International  
Resources Corp. Ltd.

中国黄金国际资源有限公司



- ❖ Dual listed, profitable and growing gold and copper producer
- ❖ Operating two producing mines in China:
  - **CSH Gold Mine** - Inner Mongolia Region
  - **Jiama Copper-Polymetallic Mine** (Cu-Mo-Au-Ag-Pb-Zn) - Tibet Region
- ❖ The **ONLY** overseas listing vehicle of China National Gold (CNG) which is the largest gold producer in China
- ❖ 2 part Growth Strategy:
  - expanding both existing operations
  - strategic acquisitions





## China National Gold Group (CNG) owns 39% of CGG

- ❖ Largest gold producer
- ❖ Low cost financing capability
- ❖ Strong expertise in exploration, operation, engineering and research capabilities with patents
- ❖ Benchmark in China for Environmental Standard and Social Responsibility

## Advantages of Having China National Gold as our Shareholder

- ✓ Increase Local and State Government Support
- ✓ Access the Preferential Rights to Acquisition Targets
- ✓ Technical and Operating Expertise
- ✓ Financing Capabilities

# EXPERIENCED BOARD AND MANAGEMENT TEAM



China Gold International Resources Corp. Ltd.

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**Zhaoxue Sun**

Chairman and Executive Director

~30 years experience



**Xin Song**

CEO and Executive Director

~30 years experience



**Bing Liu**

Non-Executive Director

Over 20 years experience



**Zhanming Wu**

Senior Executive VP and Executive Director

~12 years experience



**Ian He Ying Bin**

Independent Non-Executive Director

~28 years experience



**Yunfei Chen**

Independent Non-Executive Director

~11 years experience



**John King Burns**

Independent Non-Executive Director

~15 years experience



**Greg Hall**

Independent Non-Executive Director

~36 years experience



**Jiang Xiangdong**

Executive Director  
VP of Exploration

~30 years experience



**Jerry Xie**

Executive VP and  
Corporate Secretary

~26 years experience



**Songlin Zhang**

VP of Operations and  
Chief Engineer

~21 years experience



**Lisheng Zhang**

Vice President

~20 years experience



**Derrick Zhang**

Chief Financial  
Officer

~12 years experience

# HIGHLIGHTS – RESOURCES/RESERVES, PRODUCTION



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## Combined Gold Reserve / Resource

Category	Gold Content (M oz)
Proven / Probable Reserve	6.7
Measured / Indicated Resource*	8.1

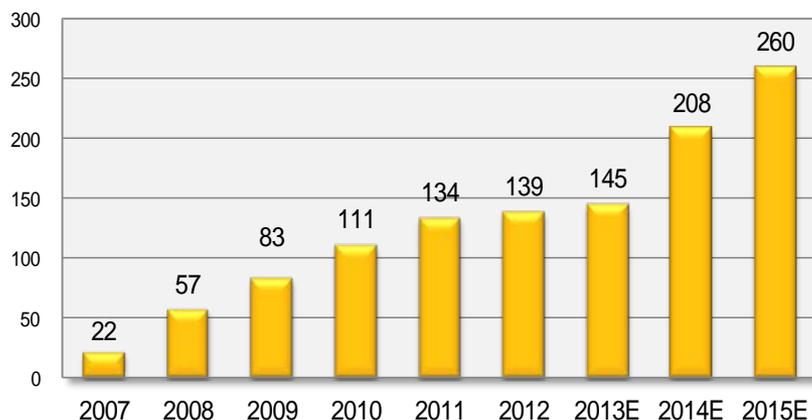
## Copper Reserve / Resource

Category	Copper Content (Billion lbs)
Proven / Probable Reserve	6.2
Measured / Indicated Resource*	10.3

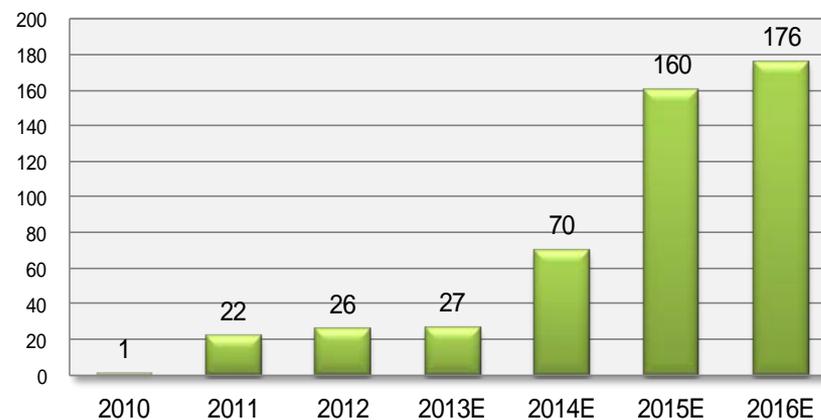
\*Inclusive of Mineral Reserves

## Steady increase of production

### Annual Gold Production from CSH ('000 oz)



### Annual Copper Production from Jiama (M lbs)



# HIGHLIGHTS – STRONG FINANCIAL RESULTS



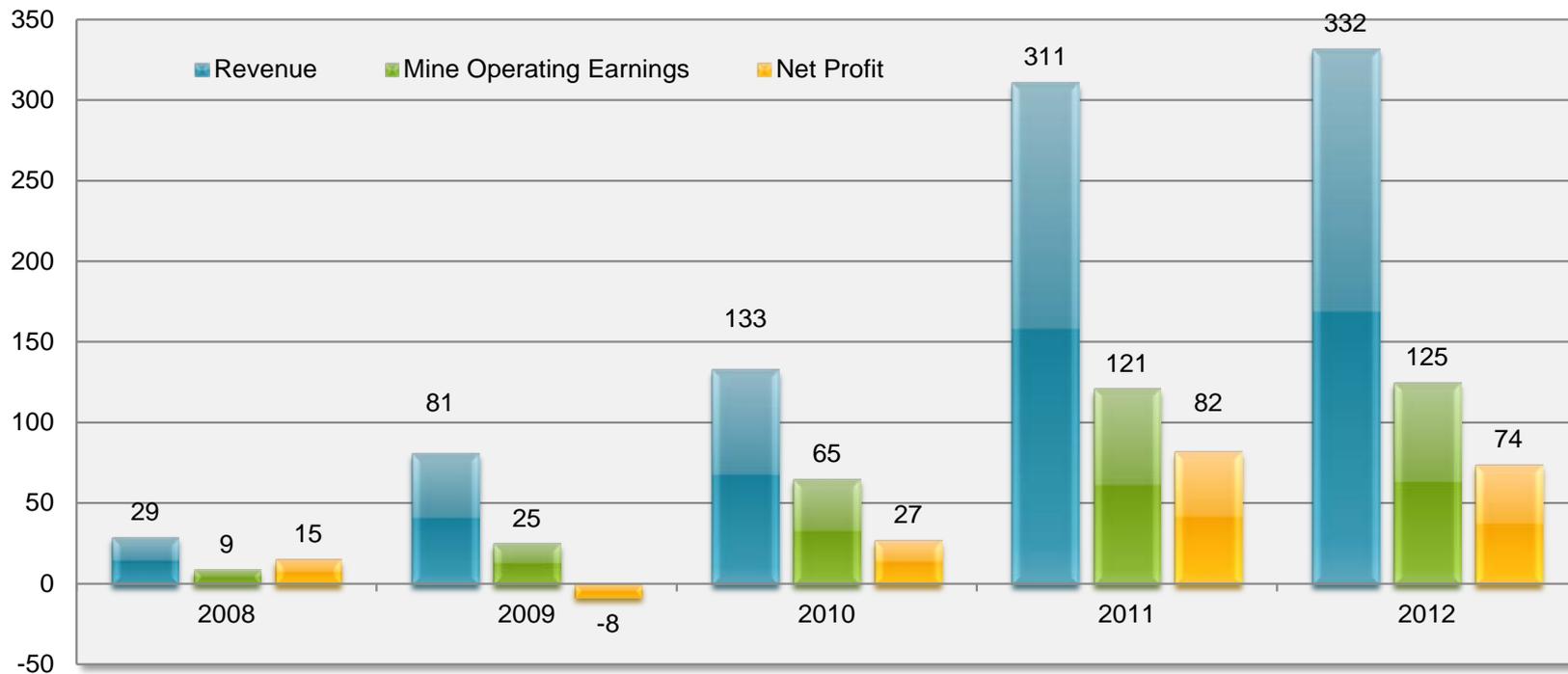
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Business in Vancouver named China Gold International as **the fastest growing enterprise in British Columbia, Canada**, by percentage growth in revenue between 2007 and 2011.

## Revenues, Mine Operating Earnings, Net Profit





## Cash Costs Decrease. Revenues, Net Profit, Operating Cash Flow, EPS Grow.

	Quarter ended June 30, 2013	Quarter ended June 30, 2012	% change
Revenues (MM USD)	\$81.6	\$76.5	7%
Net Profit (MM USD)	\$19.6	\$12.6	56%
Net Operating Cash Flow (MM USD)	\$16.4	\$54.2	-70%
Earning per share (US cents)	4.78 cents	3.07 cents	56%
Cash Costs – CSH	\$734/oz Au	\$753/oz Au	-3%
Cash Costs – *Jiama	\$1.55/lb Cu	\$1.40/lb Cu	11%
Gold Produced CSH (oz)	32,111	35,848	-10%
Copper produced Jiama (lbs)	7,700,575	5,871,653	31%

*\*Cash cost per pound of copper after by-product credits*

# HIGHLIGHTS – STRONG 2012 FINANCIAL RESULTS



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- The Company is in its 6<sup>th</sup> year of production and revenue growth
- Last 2 years have been exceptionally strong

	Year ended Dec 31, 2012	Year ended Dec 31, 2011	% change
<b>Revenues (MM USD)</b>	\$332.4	\$311.3	7%
<b>Gross Profit (MM USD)</b>	\$124.9	\$120.8	3%
<b>Net Profit (MM USD)</b>	\$73.5	\$81.9	(10%)
<b>Net Operating Cash Flow (MM USD)</b>	\$90.8	\$115.6	(21%)
<b>Earning per share (US cents)</b>	18 cents	20 cents	(10%)
<b>Cash Costs – CSH</b>	\$825/oz Au	\$778/oz Au	6%
<b>Cash Costs – *Jiama</b>	\$1.49/lb Cu	\$1.68/lb Cu	(11%)
<b>Gold Produced CSH (oz)</b>	139,443	133,541	4%
<b>Copper produced Jiama (lbs)</b>	25,820,417	21,563,193	20%

\*Cash cost per pound of copper after by-product credits

# CSH GOLD MINE – OVERVIEW

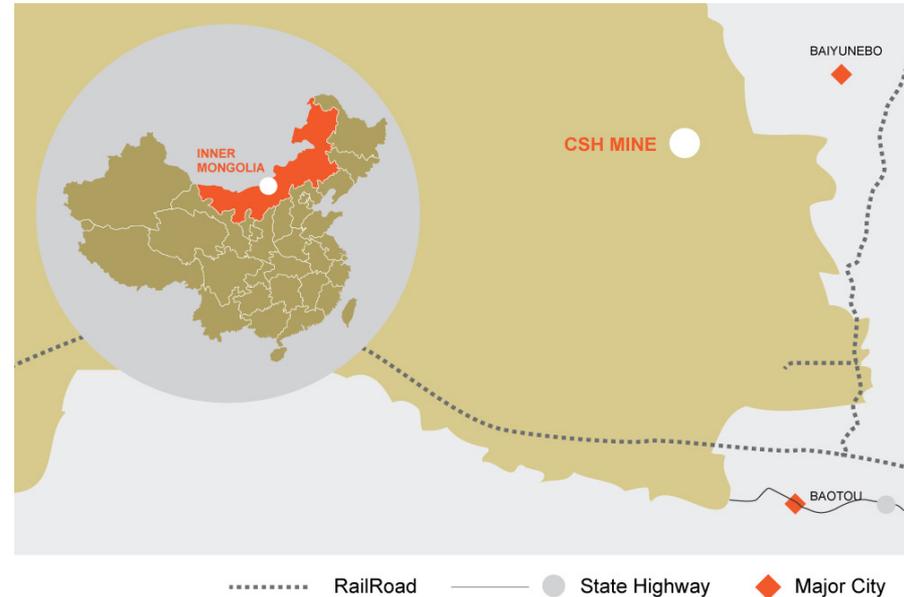


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## One of China's largest gold mines

- ❖ Located in Inner Mongolia of China, approximately 210km northwest of the city of Baotou
- ❖ Principal product: Gold dore bars with silver as a by-product
- ❖ Well-established basic infrastructure:
  - excellent access to roads
  - sufficient power
  - sufficient water and local labor force
- ❖ Open pit, heap leach – currently 30,000 tpd processing capacity expanding to 60,000 tpd in 2013
- ❖ Expansion is in progress



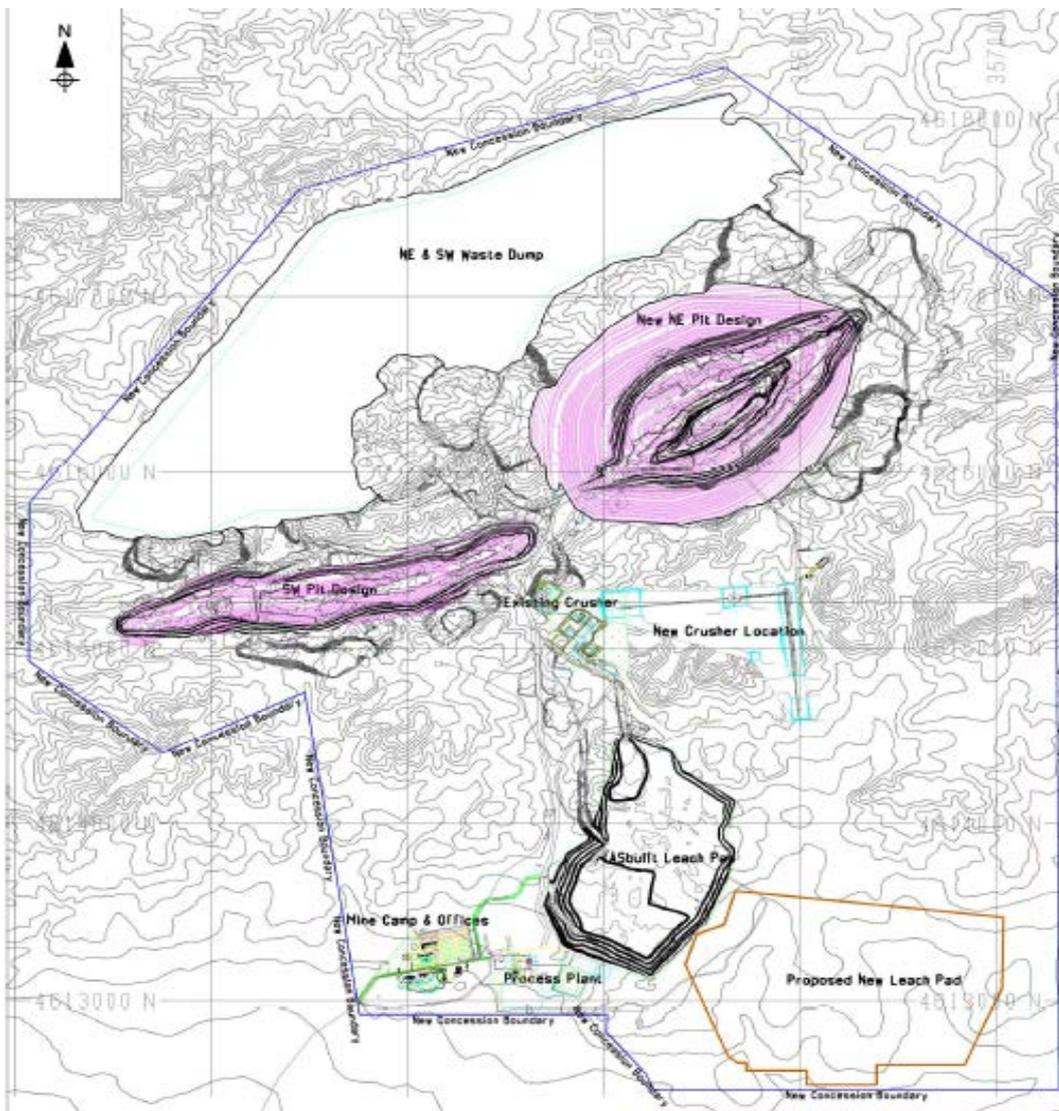
# CSH GOLD MINE – GEOLOGY



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## CSH Site Plan



### CSH Mine Resources

Resources	Tonnage (mt)	Grade (g/t)	Gold Content (koz)
Measured	90.4	0.63	1,831
Indicated	172.2	0.58	3,211
Total M&I	262.6	0.60	5,066
Inferred	132.8	0.49	2,092

### CSH Mine Reserves

Reserves	Tonnage (mt)	Grade (g/t)	Gold Content (koz)
Proved	89.0	0.62	1,767
Probable	124.3	0.58	2,315
<b>Total</b>	<b>213.5</b>	<b>0.59</b>	<b>4,083</b>

# CSH GOLD MINE – EXPANSION OVERVIEW

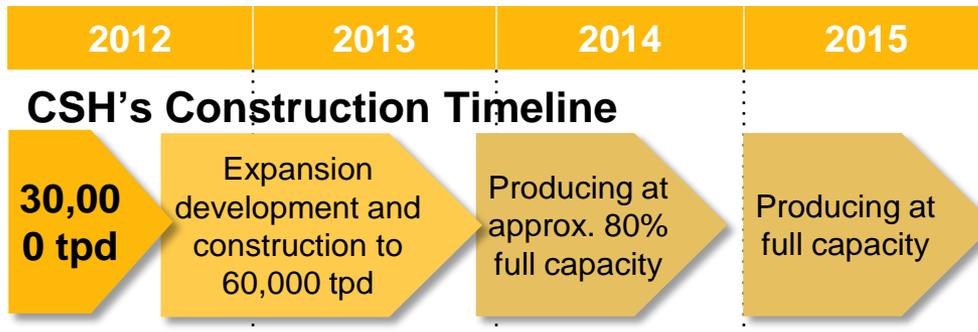
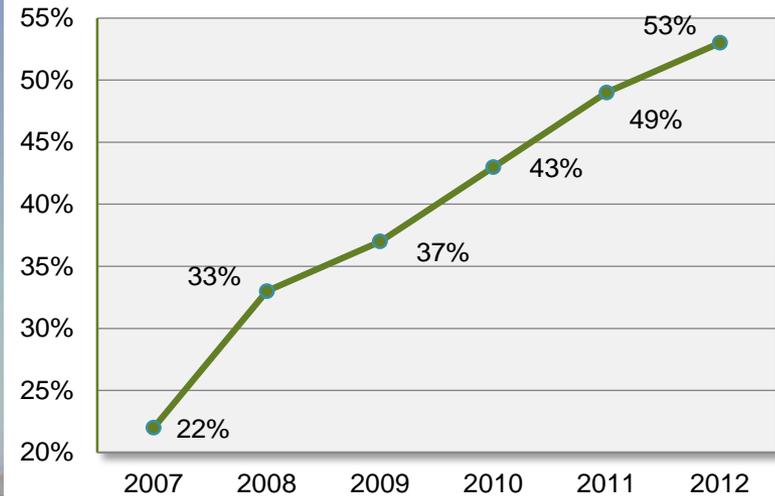


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- ❖ An expansion feasibility study was approved in Q4, 2012
- ❖ Ore production to increase from 30,000 tpd to 60,000 tpd in 2013
- ❖ By 2015 annual gold production is expected to increase to ~260,000 oz. from current 139,443 oz.
- ❖ The expansion will be completed and new production will start in Oct.~ Nov., 2013
- ❖ August 1, 2013 New 30,000 tpd crusher completed

## Improving Gold Recovery %



## CSH GOLD MINE – EXPANSION PROGRESS, AUGUST 2013



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- ❖ All earth work completed
- ❖ New 30,000 tpd Crusher and ADR plant completed
- ❖ All major equipment arrived on site and installation is ongoing
- ❖ The Company is expected to finish construction in 2013 in accordance with schedule
- ❖ Ore will be processed on new facilities in 2013



- ❖ Ore storage: construction nearly completed.



- ❖ Crushing system feeding preparation



- ❖ Panorama of the newly completed 30,000 tpd crushing system.



- ❖ Leaching field

# CSH GOLD MINE – EXPANSION CAPITAL COSTS



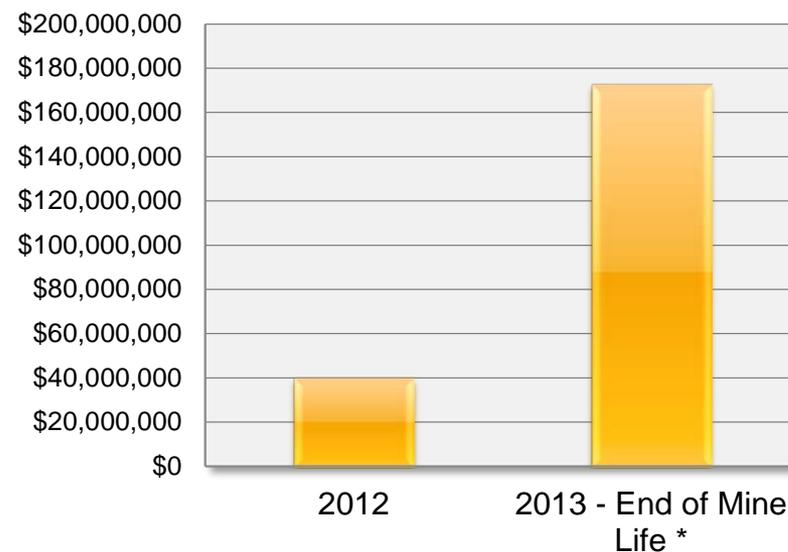
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❖ Updated resource model supports expansion to 60 ktpd by the end of 2013

Expansion Capital Cost Summary	
<b>Capital Cost</b>	
Initial Capital to Expand Process Facilities	\$184,306
<b>Total Capital</b>	<b>\$212,923</b>
Total Capital per tonne of ore	\$0.99
<b>Operating Costs per tonne of ore</b>	
Ore Mining	\$1.52
Waste Mining	\$5.19
Processing	\$2.40
Management	\$0.72
<b>Total Operating Cost</b>	<b>\$9.83</b>
<b>Total Cash Operating Cost per oz.</b>	<b>\$713.61</b>

## CSH Capital Cost Timing



\* Includes sustaining capital

\* As per the feasibility study of October, 2012

# CSH'S ROBUST ECONOMICS SUPPORTS EXPANSION



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- ❖ Positive NPV and Strong Cash flows under both: corporate level valuation and operation level valuation in ITR
- ❖ Additional value is expected from accelerated production and shorter mine life from 16 to 11 years

*Shorter mine life = Higher degree of confidence in gold price assumptions, revenues and costs projections*

## NPV of Free Unlevered Cash Flows (base case 9% discount)

### Based on Gold prices

Short Term	\$1,600 - \$1,440
Long Term	\$1,380

### After Tax NPV '000

@ 9% discount operating level valuation used in ITR	\$642 MM
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Internal Rate of Return (IRR) on expansion capital	30.5%*
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\* As per the feasibility study of October, 2012

# CSH'S ROBUST ECONOMICS SUPPORTS EXPANSION



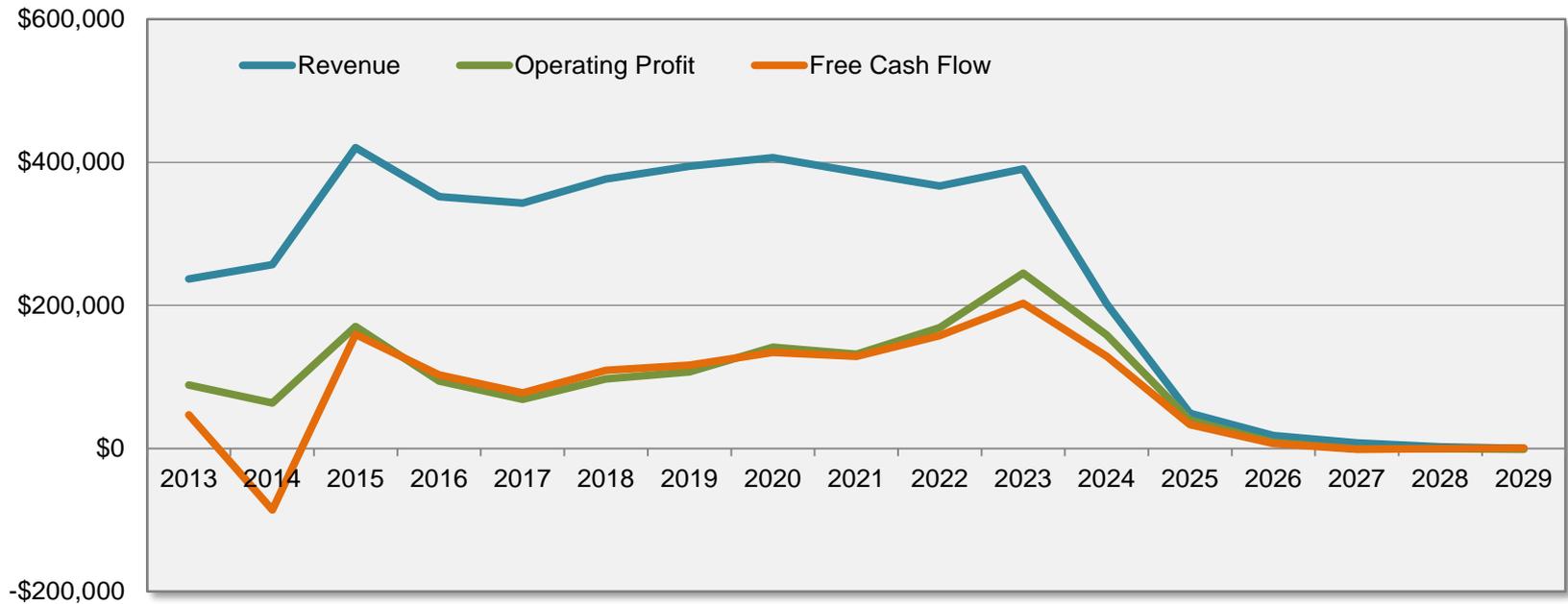
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\$4.2 Bn LOM (Life of Mine) Revenue Expectations

\$1.6 Bn LOM Operating Profit Expectations

\$1.25 Bn Undiscounted Total LOM Cash Flow Expectation



Note: strong positive cash flows (except Year 2) due to Capex  
As of December 31, 2012. Cut-off grade for the gold reserve estimate is 0.28 g/t

# JIAMA POLYMETALLIC MINE – OVERVIEW

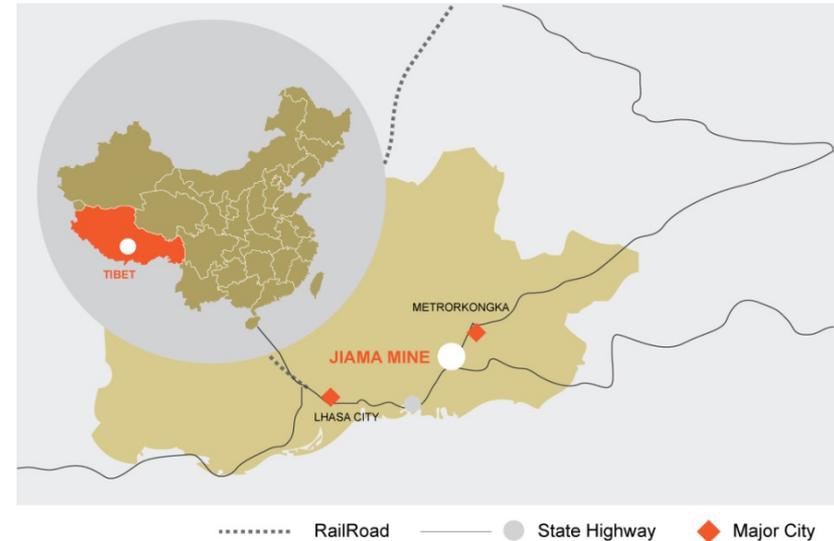


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## One of China's largest Cu-Mo-Au-Ag-Pb-Zn mines

- ❖ Located 68 kilometers northeast of Lhasa, Tibet
- ❖ Commercial production began in September 2010
- ❖ **Phase I Operation successfully completed and included:**
  - open-pit and underground mining operation
  - processing plant
  - underground ore transportation system with
  - 1.8 Mtpa ROM processing capacity
- ❖ **Phase II expansion is in progress**





## Well Designed Infrastructure Supports Phase II Operations

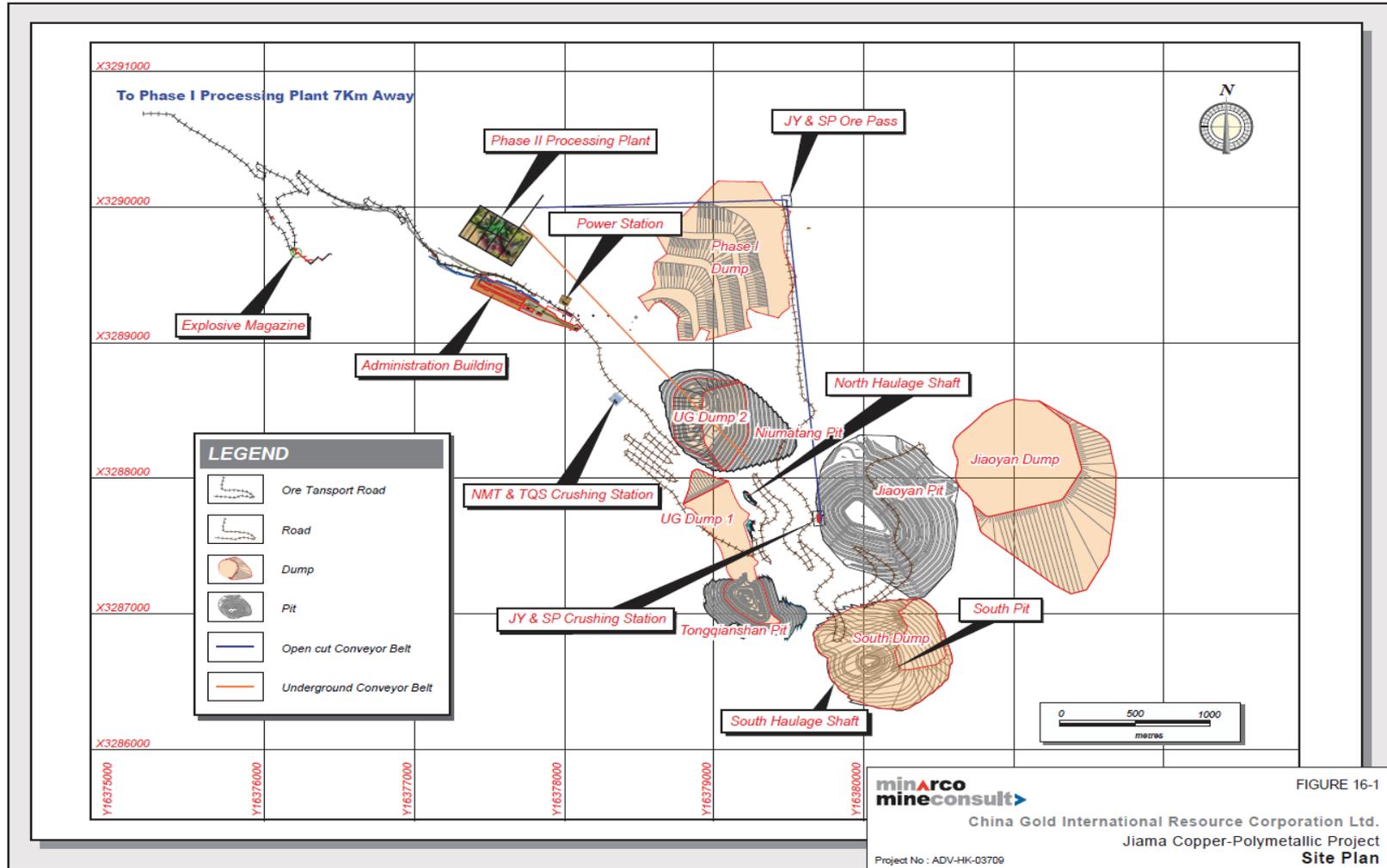


FIGURE 16-1

minarco  
mineconsult  
China Gold International Resource Corporation Ltd.  
Jiama Copper-Polymetallic Project  
Site Plan  
Project No : ADV-HK-03709

# JIAMA POLYMETALLIC MINE – GEOLOGY



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## Current Reserves and Resources

### Jiama Resources

Category	Grade							Contained Metal					
	Ore (mt)	Cu (%)	Mo (%)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (kt)	Mo (kt)	Au (M oz)	Ag (M oz)	Pb (kt)	Zn (kt)
Measured	76	0.48	0.042			0.07	0.04	364	32			52	30
Indicated	977.1	0.44	0.036	0.21	10.97	0.03	0.02	4,275	348	3.0	158.9	271	232
<b>Total M&amp;I</b>	<b>1,053.1</b>	<b>0.44</b>	<b>0.036</b>	<b>0.21</b>	<b>10.97</b>	<b>0.03</b>	<b>0.02</b>	<b>4,640</b>	<b>380</b>	<b>3.0</b>	<b>158.9</b>	<b>323</b>	<b>262</b>
Inferred	395.9	0.42	0.039	0.28	12.26	0.09	0.05	1,676	156	1.7	73.4	359	179

### Jiama Reserves

Category	Grade							Contained Metal					
	Ore (kt)	Cu (%)	Mo (%)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (kt)	Mo (kt)	Au (t)	Ag (t)	Pb (kt)	Zn (kt)
Proved	24,914	0.96	0.053	0.35	14.27	0.111	3.817	240.4	13.15	8.63	355.6	27.6	950.9
Probable	338,556	0.76	0.029	0.21	11.70	0.020	0.019	2,567.3	97.57	71.88	3,959.8	66.4	65.9
<b>Total</b>	<b>363,470</b>	<b>0.77</b>	<b>0.030</b>	<b>0.22</b>	<b>11.87</b>	<b>0.026</b>	<b>0.280</b>	<b>2,807.7</b>	<b>110.72</b>	<b>80.50</b>	<b>4,315.4</b>	<b>94.0</b>	<b>1,016.9</b>

Note: Cu, Mo, Pb and Zn Mineral Resources reported at a 0.3 % Cu-eq cut-off grade\* (>0.02 Au g/t), as of April 28, 2012  
Reserves reported at 0.35% Cu-eq for open cut and 0.5%-0.65% for underground mining methods

# JIAMA POLYMETALLIC MINE – EXPANSION



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## Expanding Operations

### ❖ Phase II Expansion

- Pre-feasibility study completed in Q3 2012
- Increase processing capacity from 6,000 tpd of ore to 40,000 tpd in 2015, and will reach 80% of the capacity in 2015
- By the end 2013 capacity expected to reach 20,000 tpd (stage 1 of expansion) and then 40,000 tpd (stage 2 of expansion) by the end of 2014
- Increased annual production: 176,000,000 lbs Cu by 2016
- 4 open pits + 2 underground mining areas





## Expansion to 20,000 tpd (stage 1) will be finished in 2013

- ❖ **Completed 2/3 of development:**
  - ventilation shafts
  - ore haulage levels
  - ore hoisting shaft
  - conveyor declines
  - initial mining area preparation
- ❖ **Started pre-stripping**
- ❖ **Nearly completed construction of the flotation plant and started mill equipment installation**
- ❖ **Construction of tailing management facility, including tailing dam, watering diverting channels and tunnels is progressing rapidly**
- ❖ **Expected to start pre-production from the Phase II expansion in January 2014**



❖ future crushing plant



❖ major equipment installed



❖ construction of ore storage



❖ new thickening ponds

# JIAMA POLYMETALLIC MINE – EXPANSION

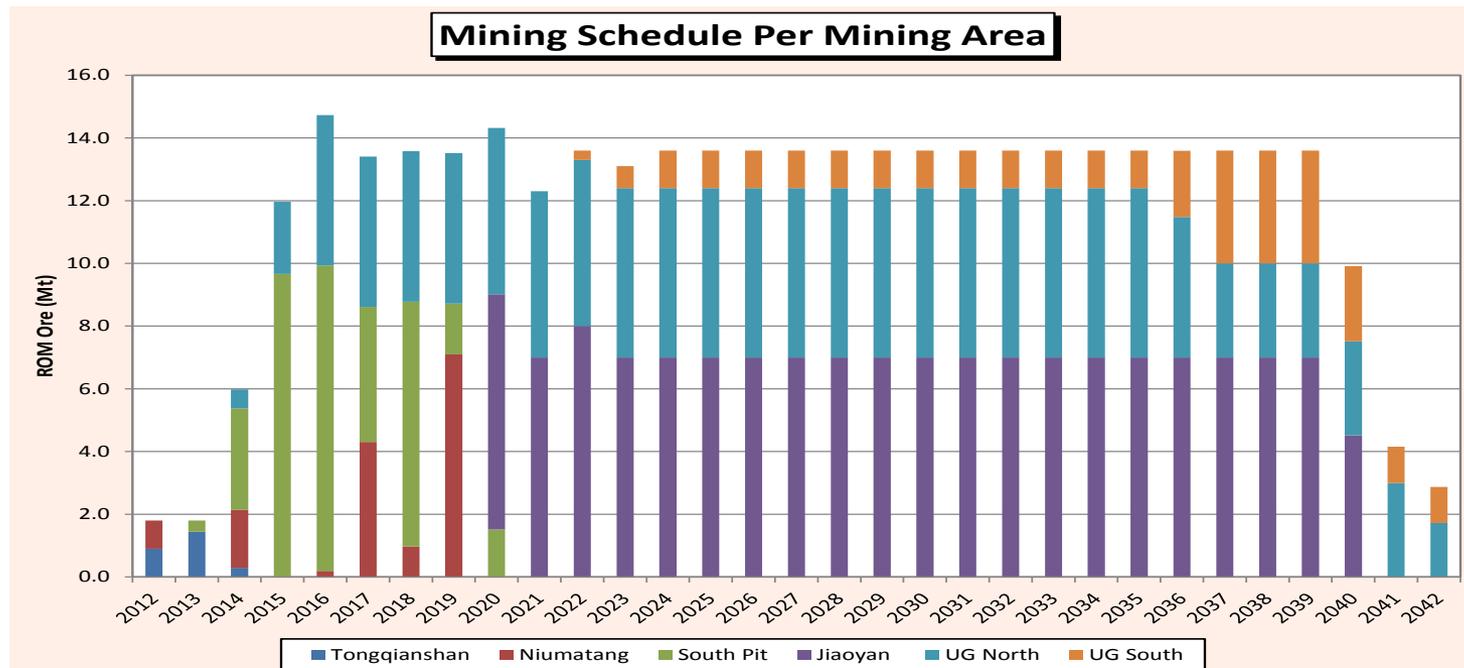


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## Mining and Production Highlights

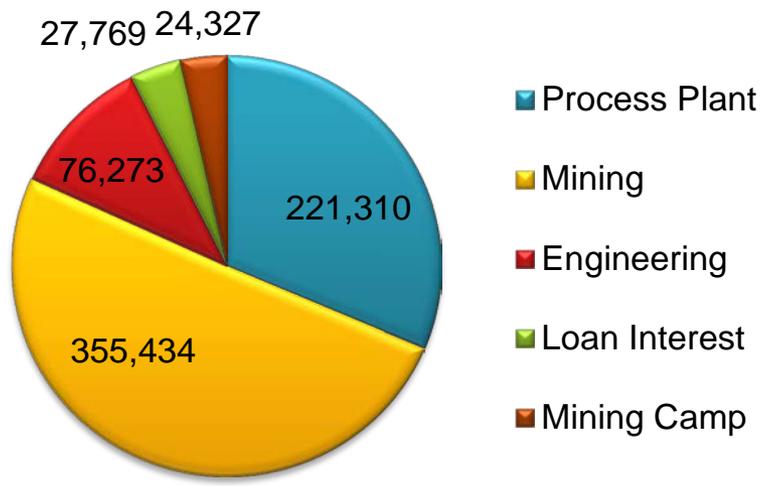
- ❖ Open cut mining methods will extract 202.2 Mt of ROM
- ❖ Underground mining will extract 161.3 Mt of ROM
- ❖ Expected life of mine: 31 years
- ❖ Overall project processing capacity is 13.8 Mtpa for Cu-Mo ores
- ❖ Expected annual production: 176 Mlb Cu, 2.3 Kt Mo, 35Koz Au and 2.7 Moz Ag



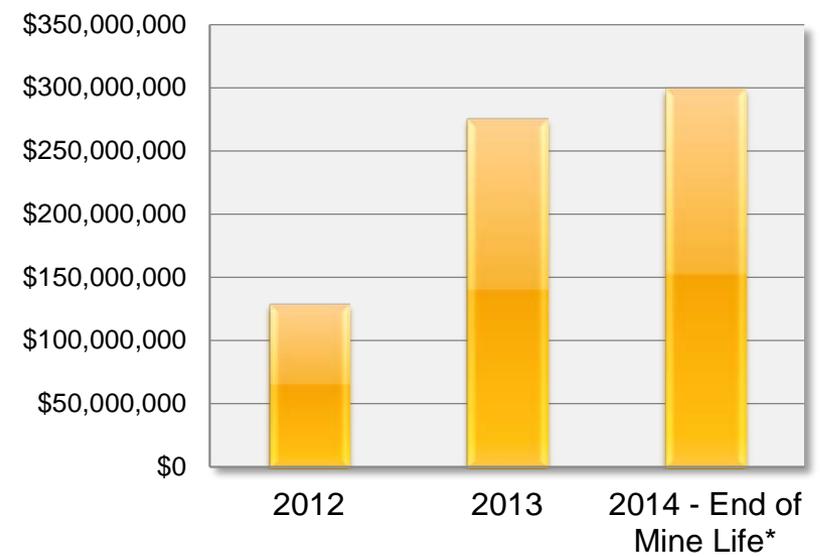


## Robust Economics Support Phase II Development

### Life of Mine Capital Costs Distribution and Timing



Total Capital Costs = \$705,113



\* Includes sustaining capital

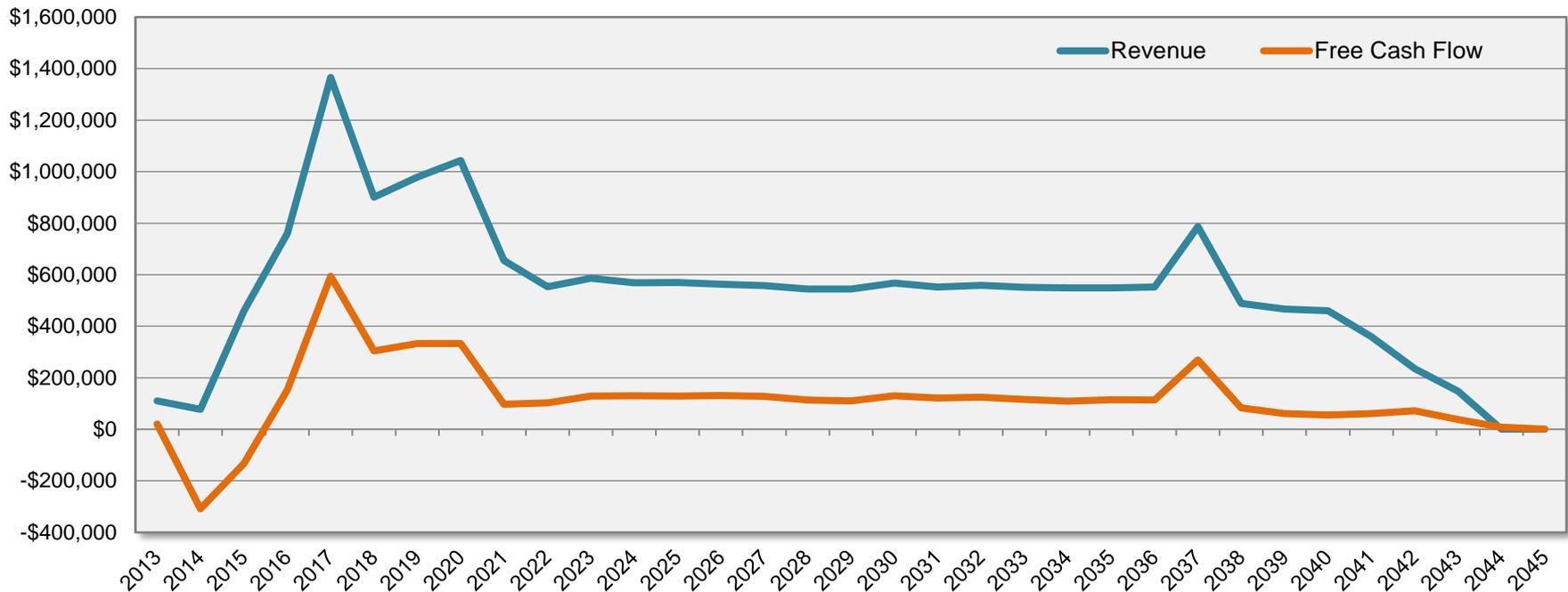


## Robust Economics Support Phase II Development

**\$17.5 Bn LOM (Life of Mine) Revenue Expectations**

**\$5.1 Bn LOM Operating Profit Expectations**

**\$3.8 Bn LOM Undiscounted Free Cash Flow Expectation**



# JIAMA “GREEN MINE” NAMED BY CHINESE CENTRAL GOVERNMENT



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- ❖ The Tibet Autonomous Region Government has determined that any new mine operators entering the region must follow the high HSE standards set and implemented at the Jiama Mine site by CGG
- ❖ Jiama Mine is covered by major medias in China and won many exceptional awards

**National Level Green Mine**  
*by the Ministry of Land and Resources*



**Outstanding Award of National Science and Technology Development** *by the Ministry of Science and Technology*

2012

**Project of National "Twelfth Five-Year" Plan for Science & Technology Support** *by the Ministry of Science and Technology*

**Project of National "Twelfth Five-Year" Plan for Non Ferrous Industry** *by the Ministry of Industry and Information Technology*

**First batch of advanced mines in China's development and integration of mineral resources** *by the Ministry of Land and Resources*



2011

**"the pioneer worker banner"** *by China Federation of Trade Unions*

**"Top 10 Scientific & Technological Progresses"** *by Chinese Academy of Geological Sciences*



2010

**First batch of 29 scientific research bases** *by the Ministry of Science and Technology and Ministry of Land and Resources*

**"Top 10 Geological Prospecting Findings"** *by the Geological Society of China*

# CSH RECEIVES PRESTIGIOUS AWARD



China Gold International  
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**“China’s Top 10 Major Mineral  
Exploration Achievements”**  
*by Geological Society of China*



2013

# GROWTH PLAN – ORGANIC EXPANSION + M&A



China Gold International Resources Corp. Ltd.

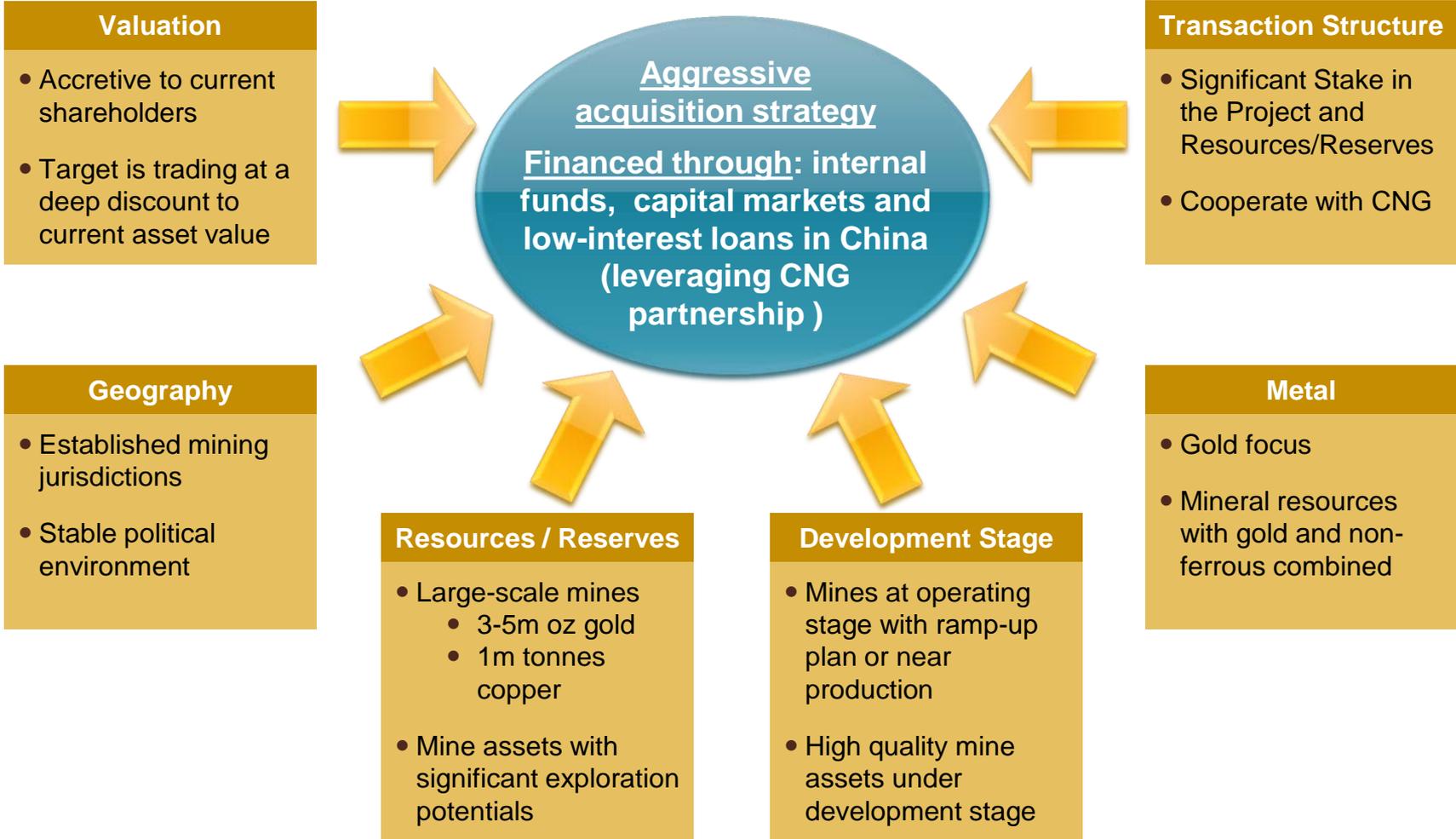
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	2012	2013	2014	2015	2016
<b>CSH</b>	30,000 tpd	Expansion construction to 60,000 tpd	Producing at about 80% capacity	Producing at full capacity	
<b>Jiama</b>	6,000 tpd	Development and construction to 20,000 tpd	Development and construction to 40,000 tpd	Producing at about 80% capacity	Producing at full capacity



## Property Acquisition Criteria



# SHARE INFORMATION



**China Gold International Resources Corp. Ltd.**

中国黄金国际资源有限公司

## TSX: CGG – HKSE: 2099

### Capital Structure and Share Info (As of August 14, 2013)

Issued and Outstanding	396.4 M
Fully Diluted	396.9 M
Options	495,000
Cash	\$96.3 M USD
Short-Term Debt	\$114.5 M USD
Long-Term Debt	\$200.4 M USD
Share Price	\$3.58 CND
Market Cap	\$1.4 B
52 Week Range	\$2.36 – \$4.65 CND

### Top 10 Institutional Holders (As of August 14, 2013)

