

TSX: CGG | HKSE: 2099

March 26, 2014

# China Gold International Sustainable Profitability and Growth



## FORWARD LOOKING STATEMENTS



This presentation contains "forward looking statement's" within the meaning of the United States private securities litigation reform act of 1995 and "forward looking information" within the meaning of applicable Canadian securities legislation. Such forward-looking statements and information here include but are not limited to statements regarding China Gold International Resources anticipated future performance, including precious metals and base metals production, reserves and resources, timing and expenditures to expand mine and plant capacities and develop new mines, metal grades and recoveries, cash costs and capital expenditures. Forward looking statements or information involve known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of China Gold International Resources and its operations to be materially different from those expressed or implied by such statements. Such factors include, among others: fluctuations in metal prices and currency markets; changes in legislation, policies, taxation, regulations; political or economic developments; management, operating or technical risks, hazards or difficulties in exploration, development and mining activities; inadequate insurance, or inability to obtain insurance; availability of and costs associated with mining inputs and labor; the speculative nature of mineral exploration and development, diminishing quantities or grades of mineral reserves as properties are mined; the ability to successfully integrate acquisitions; risks in obtaining necessary licenses and permits. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward looking statements or information, there may be other factors that cause results to be materially different from those anticipated, described, estimated, assessed or intended. There can be no assurance that any forward looking statements or information will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements or information. Accordingly, readers should not place un due reliance on forward looking statements or information. the company does not intend to, and does not assume any obligation to up date such forward looking statements or information, other than as required by applicable law. We Seek Safe Harbor.

## Agenda





- Company Overview
- Financial Highlights
- CSH Gold Mine Overview and Expansion Update
- Jiama Polymetallic Mine Overview and Expansion Update
- Growth Plan (Organic Growth and M&A)
- Social Responsibility

## **ABOUT CHINA GOLD INTERNATIONAL**



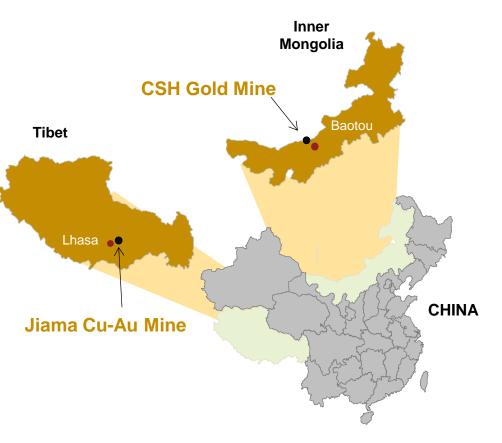


# Consistent Profitability Rapid Growth 6 years of consistent 8<sup>th</sup> year of growing profitability 中國黃金國際資源有限公司 China Gold International Resources Corp. Ltd. Image: Corporate Model: Effective Cost Management Ninque Corporate Model: Reduction in cash cost 2013 International company vs 2012 Unique Segue gold producer

## **ABOUT CHINA GOLD INTERNATIONAL**



- 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 Jima Mine, completed expansion of CSH Mine ramp-up in progress
  - strategic acquisitions



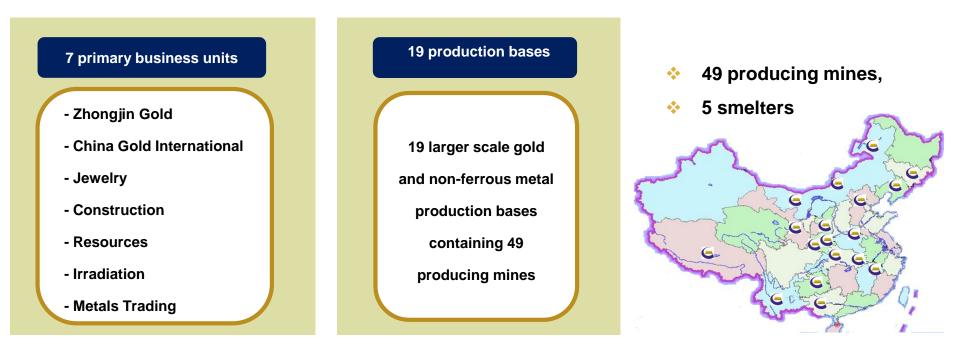
## **ABOUT CHINA NATIONAL GOLD GROUP**



## CHINA NATIONAL GOLD GROUP OWNS 39% OF CHINA GOLD INTERNATIONAL

- Largest gold mining company in China
- The only central SOE in Chinese Gold Industry
- Expertise:
  - Exploration / mining / processing
  - Research with patents
  - Jewelry design and sales
  - Engineering, procurement and construction (EPC)

- Employment: 50,800 people
- Design and research institutions
- Major Shareholder in both International and Domestic Listings
- TSX and HK Stock Exchanges:
   China Gold International (CGG) / 2099
- Shanghai Stock Exchange: *ZhongJin Gold (600489*)



## **OUR UNIQUE CORPORATE MODEL**

## In China

- Viewed as a local Chinese miner
- Full support of China National Gold Group – our 39% shareholder
- Local and state government support
- Access to the preferential rights for acquisition targets
- Local management, technical and operating expertise
- Financing capabilities ability to raise lowinterest, sizable loans from local banks
- Improved materials procurement

Think Global Act Local



## Internationally

- Full TSX and HK listing allows access to global capital markets
- Building international corporate and government relationships
- Optimal acquisition vehicle for international targets
- Global management, technical and operating expertise
- The largest actively trading Chinese issuer listed on TSX

## **EXPERIENCED BOARD AND MANAGEMENT TEAM**



## Top management of both China National Gold and China Gold International



China Gold International Resources Corp. Ltd | TSX: CGG – HKSE: 2099

~30 years

~22 years

HIGHLIGHTS - RESOURCES/RESERVES, PRODUCTIO



Combined Gold Reserve / Resource					
CSH and Jiama Gold	Contained Gold (M oz)				
Proven / Probable Reserve	6.3				
Measured / Indicated Resource (1)	9.7				

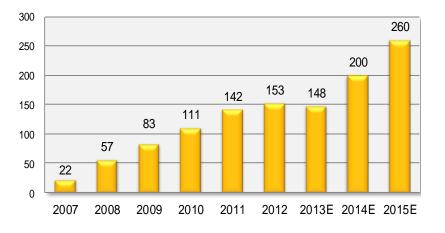
## **Copper Reserve / Resource**

Jiama's Copper	Contained Copper (Billion Pounds / Thousand Tonnes)
Proven / Probable Reserve	6.0 / 2,708
Measured / Indicated Resource (1)	13.5 / 6,138

(1) Inclusive of Mineral Reserves

## **Steady increase of production**

## Combined Gold Production CSH & Jiama ('000 oz)



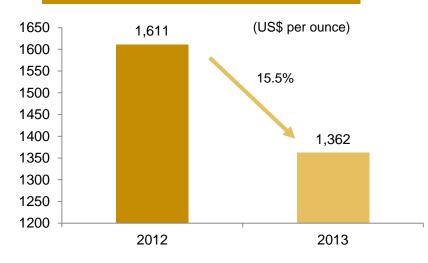
## **Copper Production from Jiama (M lbs)**

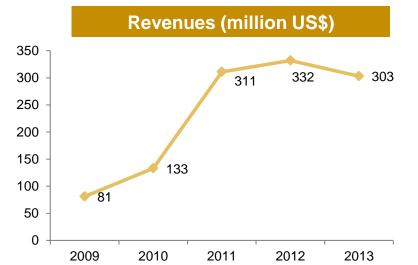




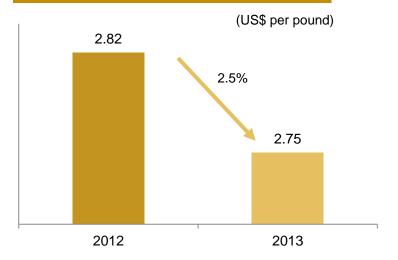
## **HIGHLIGHTS – REVENUES, PROFIT**

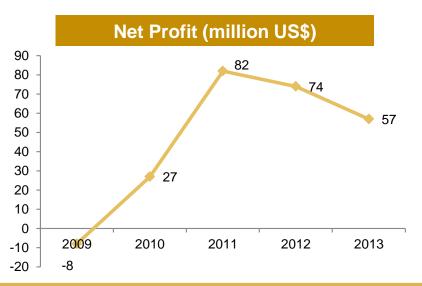
Realized average gold price





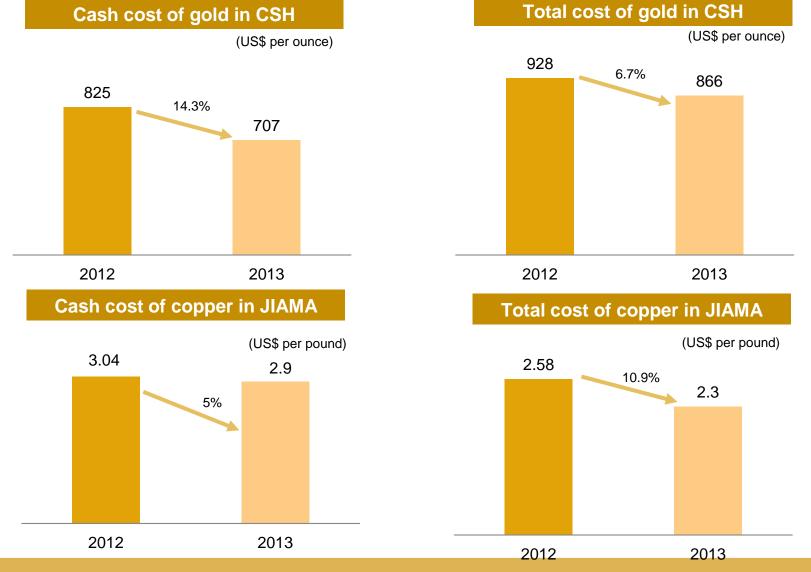
Realized average copper price





## **HIGHLIGHTS – COST**

# **Company-Wide Cost Reduction Strategy Implemented**



China Gold International Resources Corp. Ltd | TSX: CGG – HKSE: 2099

中國黃金國際習

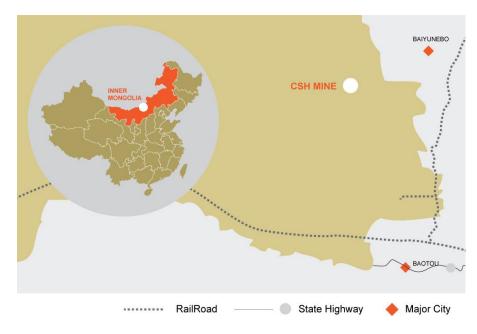
China Gold International Resources Corp. Ltd.

## **CSH GOLD MINE – OVERVIEW**



# One of China's largest gold mines

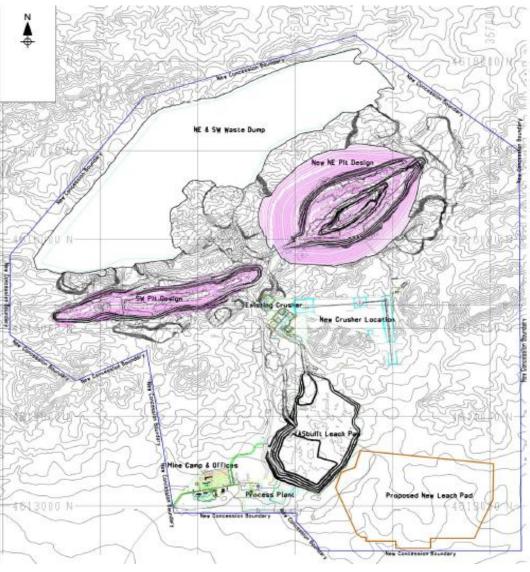
- Located in Inner Mongolia of China, approximately 210km northwest of the city of Baotou
- Principal product: Gold dore bars with silver as a by-product
- Well-established basic infrastructure:
  - excellent access to roads
  - sufficient power
  - sufficient water and local labor force
- Open pit, heap leach
- Expansion construction from 30,000 to 60,000 tpd completed in 2013 on time
- Production ramp-up is in progress





## **CSH GOLD MINE – GEOLOGY**

#### **CSH Site Plan**





### **CSH Mine Resources**

Resources	Tonnage (mt)	Grade (g/t)	Gold Content (Moz)
Measured	68.9	0.65	1.44
Indicated	156.8	0.59	2.98
Total M&I	225.7	0.61	4.42
Inferred	85.9	0.51	1.40

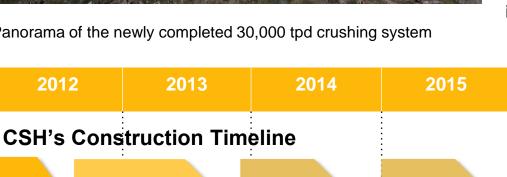
	CSH Mine	Reserv	es
Reserves	Tonnage (mt)	Grade (g/t)	Gold Content (Moz)
Proved	67.8	0.64	1.39
Probable	115.8	0.59	2.19
Total	183.6	0.61	3.57

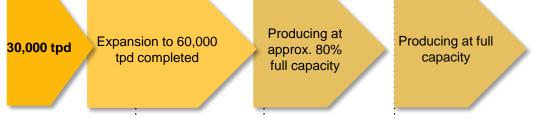
*Note:* Northeast and Southwest pits combined at December 31, 2013 under NI 43-101

## **CSH GOLD MINE – EXPANSION COMPLETED**



Panorama of the newly completed 30,000 tpd crushing system







Expansion feasibility study approved Q4, 2012

Expansion from 30,000 tpd to 60,000 tpd completed on time in 2013:

- August 1, 2013 New 30,000 tpd crusher and **ADR Plant Completed**
- New 80 kilometers long 110 KV power line construction completed in November of 2013
- Equipment installation, earth work and heap leaching pad completed

## By 2015 annual gold production is expected to increase to ~260,000 oz. from current 131,418 oz.



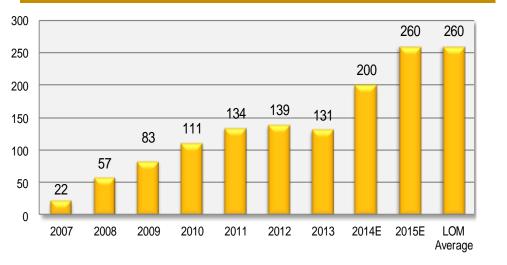
Crushing plant opening ceremony

#### China Gold International Resources Corp. Ltd | TSX: CGG – HKSE: 2099

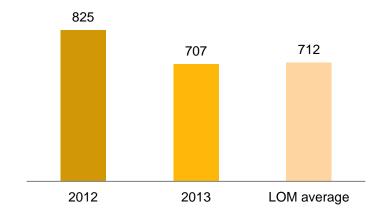
## **CSH GOLD MINE – OUTLOOK**



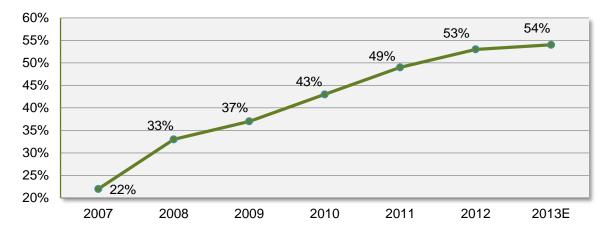
## Total Cost of CSH (USD per ounce)



Gold Production in CSH ('000 oz)



Improving Gold Recovery %



# **CSH'S ROBUST ECONOMICS SUPPORTS EXPANSION**

- Positive NPV and Strong Cash flows
- Updated resource model supported expansion to 60 ktpd

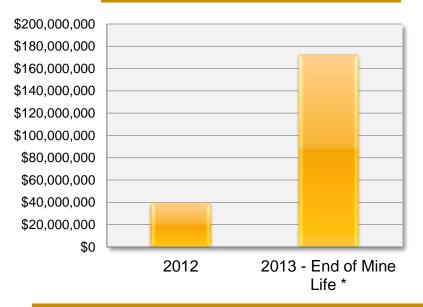
## **Expansion Capital Cost Summary**

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

Additional value is expected from accelerated production for 11 years vs. 16 previously Shorter mine life = Higher degree of confidence in gold price assumptions, revenues and costs projections

## **CSH Capital Cost Timing**

China Gold International Resources Corp. Ltd.



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

Short Term Gold Price	\$1,600 -\$1,440
Long Term Gold Price	\$1,380
After Tax NPV (9%)	\$642 MM
Internal Rate of Return	30.5%*

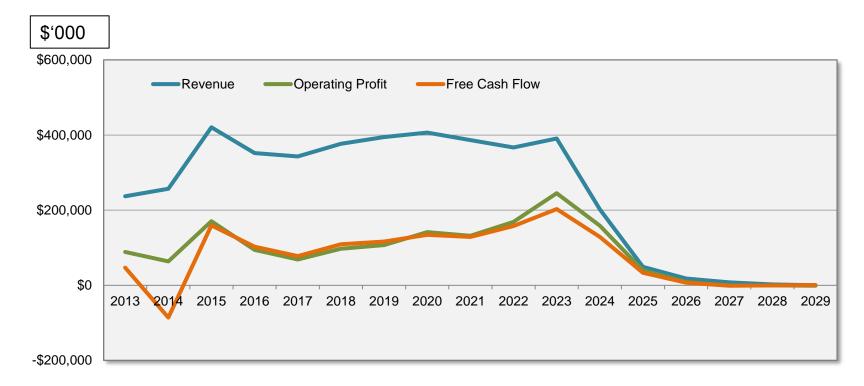
\* As per the feasibility study of October, 2012

# CSH'S ROBUST ECONOMICS SUPPORTS EXPANSION



\$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

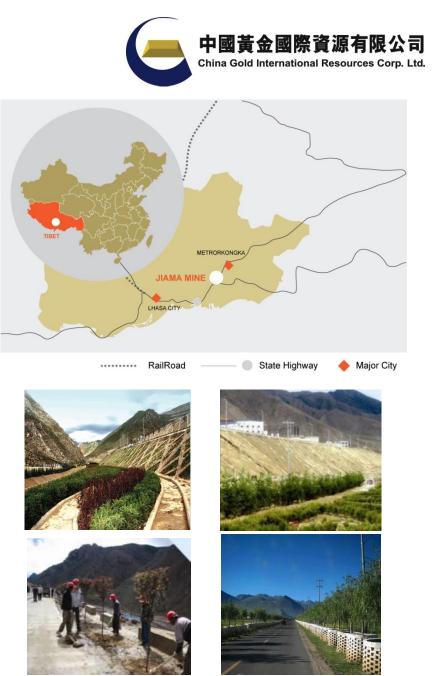
## JIAMA POLYMETALLIC MINE – OVERVIEW

# 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

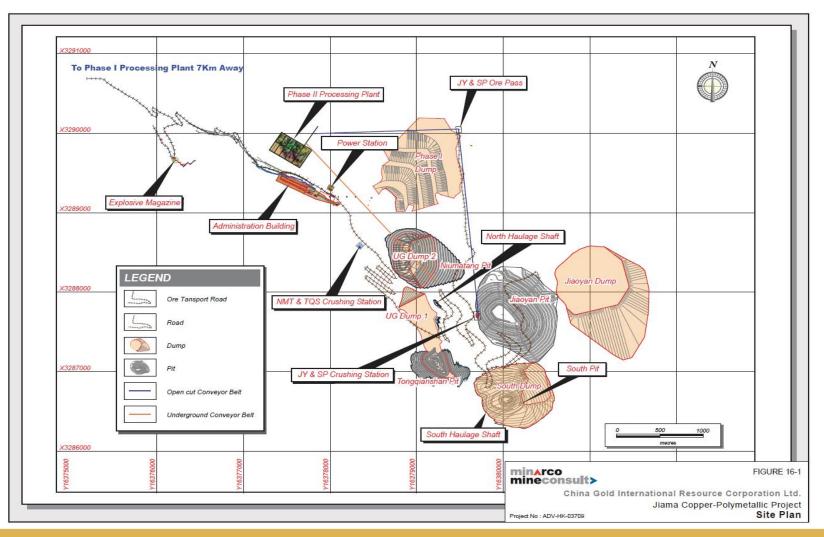
 <u>Phase I Operation successfully</u> <u>completed and included:</u>

- open-pit and underground mining operation
- processing plant
- underground ore transportation system with
- 1.8 Mtpa ROM processing capacity
- Phase II expansion feasibility study completed and construction is in progress





# **Well Designed Infrastructure Supports Phase II Operations**





## **Current Reserves and Resources**

					Jian	na Resc	ources						
			Grade							Contain	ed Metal		
Category	Ore (mt)	Cu (%)	Мо (%)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (kt)	Mo (kt)	Au (M oz)	Ag (M oz)	Pb (kt)	Zn (kt)
Measured	100	0.41	0.035	0.11	6.53	0.04	0.02	415	36	0.35	21.04	43	24
Indicated	1,386	0.41	0.034	0.11	6.11	0.05	0.03	5,772	468	4.99	272.35	751	470
Total M&I	1,486	0.41	0.034	0.11	6.14	0.05	0.03	6,138	503	5.3	293.39	794	495
Inferred	406	0.31	0.030	0.10	5.13	0.08	0.04	1,247	124	1.3	66.9	312	174

					Jian	na Res	erves						
			Grade							Contain	ed Metal		
Category	Ore (Mt)	Cu (%)	Мо (%)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (kt)	Mo (kt)	Au (Moz)	Ag (Moz)	Pb (kt)	Zn (kt)
Proved	25	0.64	0.04	0.35	11.35	0.05	0.03	160	10	0.2	9.1	12	8
Probable	416	0.61	0.03	0.21	11.52	0.13	0.08	2,548	133	2.5	154.1	551	319
Total	441	0.61	0.03	0.22	11.51	0.13	0.07	2,708	143	2.7	163.2	563	327

Note: The Mineral Reserve as of 20th November 2013.

Reserves reported at 0.3% Cu-eq for open cut and 0.45% for underground mining methods

# JIAMA POLYMETALLIC MINE – EXPANSION

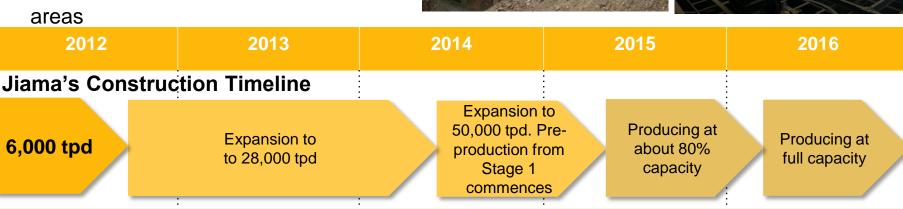


# **Expanding Operations**

## Phase II Expansion

- -Feasibility released January 2014
- -8 times growth processing capacity from 6,000 tpd of ore to 50,000 tpd
- -By 2015 capacity expected to reach 28,000 tpd (stage 1 of expansion) and then 50,000 tpd (stage 2 of expansion) by the first half of 2015
- -Increased annual production: 178,000,000 lbs Cu by 2016
- -4 open pits + 2 underground mining areas





China Gold International Resources Corp. Ltd | TSX: CGG – HKSE: 2099

# JIAMA – EXPANSION PROGRESS, March 2014



## Expansion to 28,000 tpd (stage 1) will be finished in 1<sup>st</sup> half of 2014

- Ongoing development:

   ventilation shafts
   ore haulage levels
   ore hoisting shaft
   conveyor declines
   initial mining area preparation
- Started pre-stripping
- Crushing System nearly completed
- Nearly completed construction of the flotation plant and started mill equipment installation
- Ore storage construction almost completed
- Construction of tailing management facility, including tailing dam, watering diverting channels and tunnels is more than half completed
- Expected to start pre-production from the Phase II expansion in 2014



- future crushing plant
  - major equipment installed



 construction of ore storage nearly completed

 new thickening ponds

## JIAMA POLYMETALLIC MINE – EXPANSION

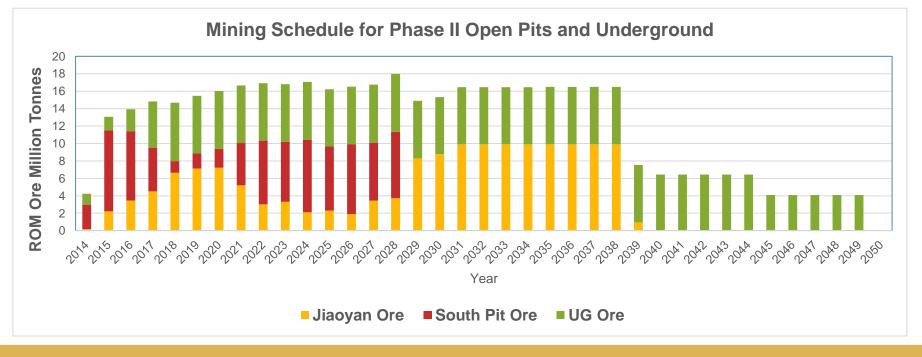


# **Mining and Production Highlights of Phase II**

- Open cut mining annual production: 9.9 Mt of ROM
- Underground mining annual production: 6.6 Mt of ROM
- Overall project processing capacity: 16.5 Mt per annum for Cu-Mo ores
- 2 additional flotation circuits to achieve 50,000 tpd ore processing capacity
- Expected life of mine: 35 years

## Expected annual production:

- 67 thousand tonnes of copper
- 2.4 thousand tonnes of molybdenum
- 2.8 million ounces of silver
- 42 thousand ounces of gold
- 10.4 thousand tonnes of lead
- 4.0 thousand tonnes of zinc



China Gold International Resources Corp. Ltd | TSX: CGG – HKSE: 2099

JIAMA POLYMETALLIC MINE – EXPANSION ECONOMICS

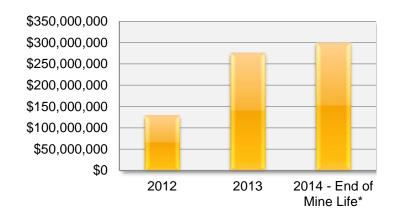
## 中國黃金國際資源有限公司 China Gold International Resources Corp. Ltd.

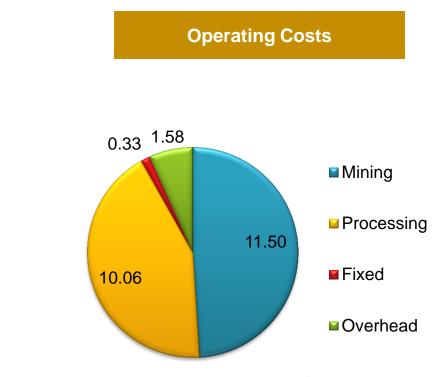
# **Robust Economics Support Phase II Development**



Total Capital Costs = \$716 Million

## Life of Mine Capital Costs Timing





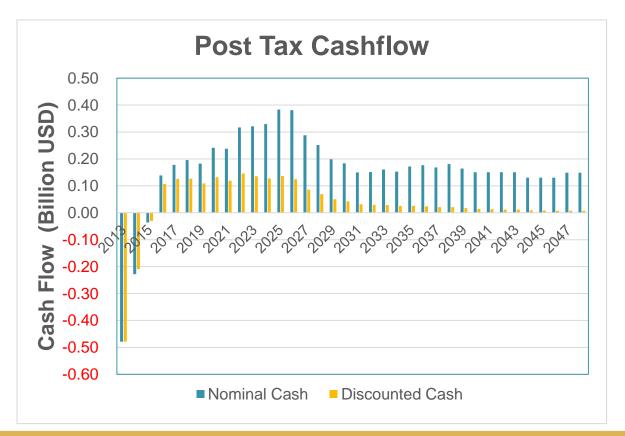
Total Operating Costs = \$23.48/tonne Copper Equivalent Total Cost = \$1.75/lbs JIAMA POLYMETALLIC MINE – EXPANSION ECONOMIC



# **Robust Economics Support Phase II Development**

- \$23.5 Bn LOM (Life of Mine) Revenue Expectations
- \$1.3 Bn Net Present Value (9%)

## **\$5.8 Bn LOM Undiscounted Free Cash Flow Expectation**



# Metal Prices Assumptions:

- \$2.90/lb copper
- \$15.5/lb molybdenum
- \$0.98/lb lead
- \$0.95/lb zinc
- \$1,300/oz gold
- \$20/oz silver

## JIAMA "GREEN MINE" NAMED BY CHINESE CENTRAL GOVERNMENT



- 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 of2012National Science andTechnology DevelopmentMinistry of Science and Technology

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

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



TI 4

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



**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's Top 10 Major Mineral Exploration Achievements"

by Geological Society of China



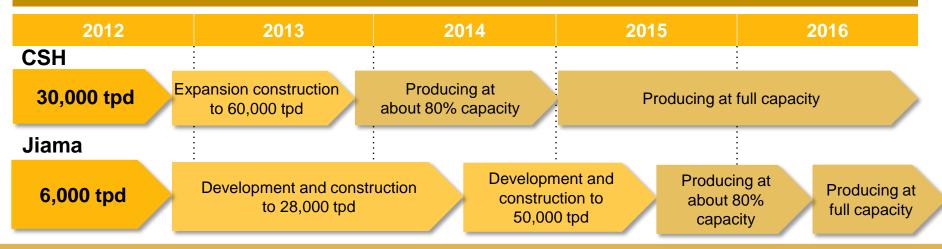
China Gold International Resources Corp. Ltd | TSX: CGG – HKSE: 2099

## **5 YEAR GROWTH VISION:** CHINA NATIONAL GOLD: FORTUNE 500 MEMBER CHINA GOLD INTERNATIONAL: ORGANIC EXPANSION + M&A





**Organic Growth** 

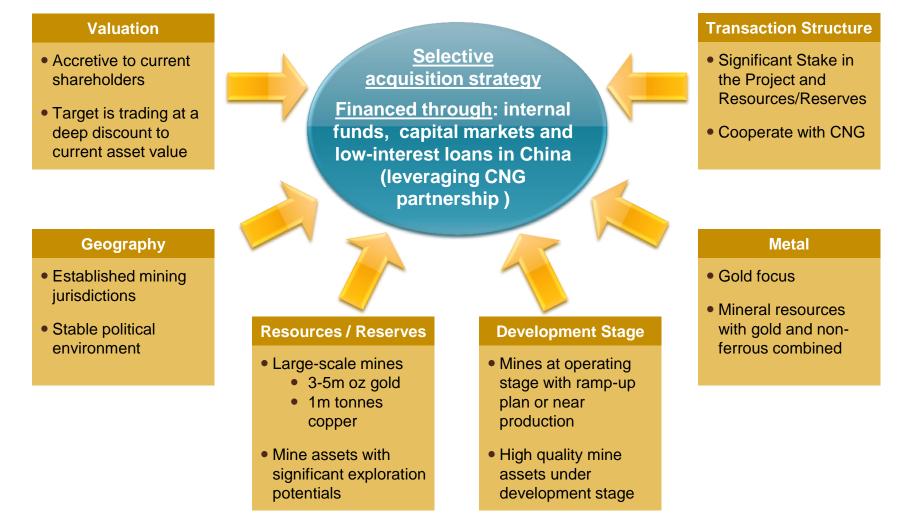


China Gold International Resources Corp. Ltd | TSX: CGG – HKSE: 2099

**GROWTH PLAN – ACCRETIVE ACQUISITION STRATEGY** 



# **Property Acquisition Criteria**



# STRATEGY – SOCIAL RESPONSIBILITY, HARMONIC DEVELOPMENT, HIGHEST HSE STANDARDS

- Respecting local culture and religion
- Economic contribution to local communities (portable water supply, schools, infrastructure)
- Hiring and training local people (35% of Jiama Mine's employees are locals. Will employ more after training.)
- Land reclamation and vegetation recovery











中國黃金國際資源有限公司 China Gold International Resources Corp. Ltd.

Jiama Industry and Trade distributed bonus to the shareholders who are local herdsmen before the Tibetan New Year,



Huatailong's modernized thickening pond has realized zero emission of industrial sewage



## SHARE INFORMATION



## **TSX: CGG – HKSE: 2099**

	re and Share Info rch 26, 2014)
Issued and Outstanding	396.4 M
Fully Diluted	396.8 M
Options	0.4 M
Cash	\$106 M USD
Short-Term Debt	\$232 M USD
Long-Term Debt	\$272 M USD
Share Price	\$3.25 CND
Market Cap	\$1.3 Bn
52 Week Range	\$2.36 – \$4.10 CND

#### Top 10 Institutional Holders (As of March 26, 2014)

