

# A GLOBAL GOLD MAJOR



World-class gold operations in Papua New Guinea, Australia and Côte d'Ivoire



Over the past four years LGL has firmly established its position as a dynamic and globally-competitive gold major.

The company is now producing in excess of one million ounces per annum, with exceptional growth set to continue in the coming years.



## LIHIR ISLAND

Location	900km north east of Port Moresby in New Ireland province of PNG
Ownership	100%
Type	Open pit mine with processing via pressure oxidation and CIL technology
Reserves (June 09)	239.6 Mt @ 2.83g/t Au for 28.8 Moz
Resources (Aug 09)	
Measured & Indicated	43.0 Moz
Inferred	5.5 Moz
Act 2009 Production	853 Koz Au
Est 2010 Production	770 Koz to 840 Koz Au
Mine Life	Mining until 2021 with processing of lower grade stockpiles beyond 2030

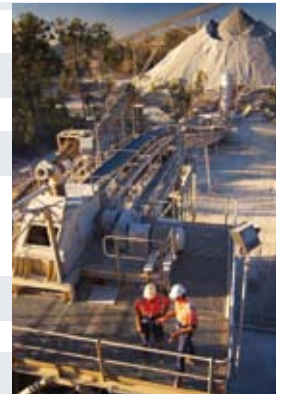


### Million Ounce Plant Upgrade (MOPU)

- Major \$700m expansion to increase annual gold processing capacity at Lihir Island to ~1 Moz
- Installation of an additional autoclave, with plant throughput increasing to 11–12 Mt pa
- Gold production to increase by an average of 240 Koz pa over operation's remaining life from 2012
- Increased royalty payments and substantial benefits for local community and PNG Government

## MOUNT RAWDON

Location	Queensland, Australia. ~80 km south west of Bundaberg
Ownership	100%
Type	Open pit gold and silver mine with processing via CIL technology
Reserves (June 07)	35.5 Mt @1.0 g/t Au for 1.1 Moz
Resources (June 07)	
Measured & Indicated	1.3 Moz
Inferred	200 Koz
Act 2009 Production	108 Koz Au
Est 2010 Production	80 – 90 Koz Au
Mine Life	~10 years



## BONIKRO

Location	Côte d'Ivoire, West Africa. ~250km north-west of the commercial capital Abidjan and 17km east of local town Hiré
Ownership	90% (10% held by CDI Government)
Type	Open pit mine with processing via CIL technology
Reserves (100% basis, Dec 2008)	15,960 Kt @ 1.8g/t Au for 930 Koz
Resources (100% basis, Aug 2009)	
Measured & Indicated	1,047 Koz
Inferred	318 Koz
Act 2009 Production	150 Koz Au
Est 2010 Production	110 – 130 Koz Au
Est Mine Life	+8 years



### Côte d'Ivoire Regional Exploration

- ~20,000 sq km of permits or applications over the highly prospective Birimian greenstone belt
- Full range of exploration opportunities from untested anomalies to reserves

### Additional Côte d'Ivoire Resources (100% basis, Aug 2009)

<b>Hiré</b>		<b>Oumé</b>	
Agbalé		Bonriko	
Inferred	115Koz	Measured	412Koz
Akissi-so		Indicated	635Koz
Indicated	352Koz	Inferred	318Koz
Inferred	50Koz	Dougbafla East	
Assondji-so		Indicated	217Koz
Indicated	90Koz	Inferred	15Koz
Inferred	22Koz	<b>Total</b>	
Chapelle		Measured and	
Inferred	263Koz	Indicated	1706Koz
		Inferred	784Koz

### LGL PRODUCTION AND FINANCIAL DATA

				2009	2008
<b>Lihir Island</b>					
Mining	Material moved	Kt		<b>46,368</b>	50,660
Processing	Ore milled	Kt		<b>6,509</b>	61,540
	Autoclave grade	g Au/t		<b>6.41</b>	5.86
Costs	Gold poured	oz		<b>853,391</b>	771,456
	Total cash costs	\$/oz		<b>394</b>	406
<b>Mount Rawdon</b>					
Mining	Ore mined	Kt		<b>3,185</b>	3,502
Processing	Ore milled	Kt		<b>3,354</b>	3,459
	Grade	g Au/t		<b>1.11</b>	1.03
Costs	Gold poured	oz		<b>107,780</b>	102,415
	Total cash costs	\$/oz		<b>396</b>	413
<b>Bonikro*</b>					
Mining	Ore mined	Kt		<b>2,372</b>	1,507
Processing	Ore milled	Kt		<b>2,048</b>	635
	Grade	g / Au/t		<b>2.39</b>	2.19
Costs	Gold poured	oz		<b>150,023</b>	36,735
	Total cash costs	\$/oz		<b>416</b>	307
<b>LGL Group</b>					
	Gold poured	oz		<b>1,123,759</b>	881,590
	Total cash costs	\$/oz		<b>397</b>	400



## LGL INVESTOR INFORMATION

### Stock Exchange Listings

Australian Stock Exchange (LGL)  
NASDAQ National Market (LIHR)  
Port Moresby Stock Exchange (LGL)  
Toronto Stock Exchange (LGG)

### Issued Capital

Ordinary shares – 2,368,729,935

### Volume of Shares Traded

(average daily turnover, millions)

	2009	2008	2007
ASX	20.6	15.9	13.1
NASDAQ*	0.7	0.6	0.2

\* Each LIHR ADR on NASDAQ represents 10 shares

### Substantial shareholders

Black Rock	13.7%
Colonial	8.9%
Fidelity	8.8%
NWQ/Tradewinds	5.0%

### Market capitalization

As at February 2010 – A\$7 billion

## CONTACT FOR INVESTOR INFORMATION:

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### Competent Persons Statement

The information in this report that relates to:

- Exploration Results and Mineral Resources at Lihir Island and Côte d'Ivoire Exploration Results and Mineral Resources or Ore Reserves at the Akissi-So project, is based on information compiled by Mr Roy Kidd.
- Ore Reserves at Lihir Island is based on information compiled by Mr David Grigg.
- Ballarat Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Brad Cox.
- Mineral Resources or Ore Reserves for the Assonji So, Dougbafala East and Bonikro projects and Mount Rawdon Exploration Results, Mineral Resources or Ore Reserves was compiled by Morgan Hart.

Mr Kidd, Mr Grigg and Mr Cox are full-time employees of LGL, or one of its wholly owned subsidiaries. Mr Kidd is employed in the role of Principal Geologist and is a member of the Australian Institute of Geoscientists. Mr Cox is employed in the role of Senior Resource Geologist and is a member of The Australian Institute of Mining and Metallurgy. Mr Hart was a full time employee of Equigold NL at the time Resource Estimates were made and is a member of The Australian Institute of Mining and Metallurgy. Mr Kidd, Mr Grigg, Mr Cox and Mr Hart have sufficient experience which is relevant to the style of mineralisation and the type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Kidd, Mr Grigg, Mr Cox and Mr Hart consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.