

Gold Focused Explorer
with
Gold Resources and Advanced Prospects

Mining 2014

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#### **Forward Looking Statements**

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## Company Snapshot - Brisbane Based

Founded: February 2006, Brisbane,

Mt Coolon Gold Mines Pty Ltd

Publicly Listed: 21st December 2007, Brisbane ASX

Parent Company: Drummond Gold Limited

Head Office: Unit 3, 636 Progress Rd, Wacol, Qld. 4076

Field Office: Mill St, Mt Coolon, Qld.

Accountants: Deloitte, Brisbane

Lawyers: McCullough Robertson, Brisbane

Tenure Admin: Hetherington (HEMTS), Brisbane

Resources: H & S Consultants, Brisbane



# Company Snapshot – Exploration & Mining Driven

## Company:

Top 20 Shareholders 81.55%

Major Shareholder 44.8% - Merrill Lynch (Aust.) Nominees

Directors relevant interest 13.08%

Shares on issue 459,021,975

No. of shareholders 608

Share Price \$0.002

Market Capitalisation \$0.98M

Listing Code ASX DGO

#### Board:

Eduard Eshuys, Executive Chairman — Geologist, 45 years experience

Ross Hutton, Non-executive - Mining Engineer, 40 years experience

Brice Mutton, Non-executive — Geologist, 35 years experience

Michael Ilett, CFO/Company Sec. – Accountant, 25 years experience.



## Key Assets – Drummond Basin, Queensland

#### Location:

Drummond Basin, Central Queensland – centred on Mount Coolon. A proven gold producing province – but underexplored.

#### Assets:

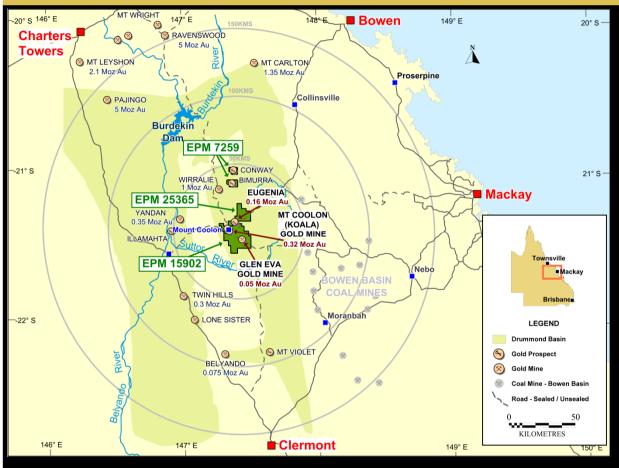
- ✓ Current Resources totaling 283,000 ounces of gold \*.
- ✓ Includes two former Gold Mines Mt Coolon (Koala) & Glen Eva.
- ✓ Eugenia Prospect an oxide resource of 173,000oz Au.
- ✓ Numerous other anomalous prospects surround the mines & resources a pipeline of projects & opportunities.

## Opportunity:

- ❖ High potential for multi-million ounce resource extension along strike and at depth: Mt Coolon Gold Mine & Glen Eva Gold Mine.
- Eugenia Prospect: underexplored, potential extensions & satellite targets.
- Numerous nearby prospects all with anomalous gold drill intersections.
- Includes Intrusion-related gold & copper-gold skarn prospects.
  - \* Resources Table at back of Presentation



## Drummond Gold – Holds Key Tenure

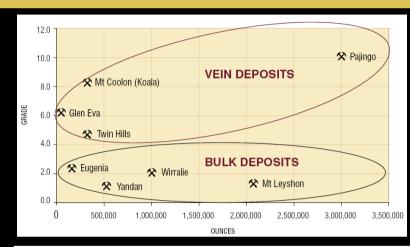


- Large contiguous holding EPM 15902 of 3,000km<sup>2</sup> centred on Mt Coolon Town, 200km west of Mackay.
- •Includes the advanced tenure EPM 7259 Bimurra located 35kms north of Mt Coolon.
- EPM 15902 and EPM 7259 lie on the eastern Drummond Basin side a prolific gold endowed belt.
- •EPM 15902 fully envelopes the company's Mt Coolon (Koala) and Glen Eva Gold Mines & Mining Leases.
- Close to infrastructure power, services, airstrip, road access, eastern seaboard.

Drummond Basin (green) & Drummond Gold Tenements (dark green)



## Drummond Basin – Proven but Under Explored Gold Province



| <b>Examples of Major Drummond Basin Deposits</b> |                 |       |        |      |  |  |  |  |  |
|--|-----------------|-------|--------|------|--|--|--|--|--|
| Deposit  | Styles          | Мt    | g/t Au | M oz |  |  |  |  |  |
| Glen Eva   | Epithermal Vein | 0.25  | 6.2    | 0.05 |  |  |  |  |  |
| Eugenia  | Epithermal Bulk | 2.13  | 2.3    | 0.16 |  |  |  |  |  |
| Mt Coolon<br>(Koala)                             | Epithermal Vein | 1.18  | 8.3    | 0.32 |  |  |  |  |  |
| Twin Hills                                       | Epithermal Vein | 2.18  | 4.7    | 0.33 |  |  |  |  |  |
| Yandan   | Epithermal Bulk | 15.05 | 1.1    | 0.53 |  |  |  |  |  |
| Wirralie   | Epithermal Bulk | 15.30 | 2.0    | 1.00 |  |  |  |  |  |
| Mt Leyshon                                       | IRG gold Bulk   | 47.00 | 1.4    | 2.07 |  |  |  |  |  |
| Pajingo  | Epithermal Vein | 9.27  | 10.1   | 3.00 |  |  |  |  |  |
| Total  |                 | 92.36 | 2.5    | 7.46 |  |  |  |  |  |

Tonnes and grade are total production plus remaining resources

- Endowment >7M oz gold.
- Epithermal and Intrusion-related Gold (& Base Metal) Province.
- Limited modern exploration 10 years of concerted effort 1985-1996 (arising from Pajingo (Scott Lode) discovery 1983).
- Mainly oxide production and historical alluvial placers.
- Pajingo now 5M oz Au, mined since 1983 to present.
- All deposits → resources grow as mining progresses.



## **Exploration Success & Mining Pedigree**

## **Mining Profits in the region made two Mining Companies**

√ 1931-1939 Mt Coolon (Koala) Mine

**Gold Mines of Australia NL** formed and consolidated the prospectors field. Mined **Mt Coolon Mine** – bonanza grade (18.4g/t Au) underground mine.

Queensland largest gold producer in 1932.

Profits from mine laid the foundations for the formation of **Western Mining Corporation (WMC)** by the same principals.

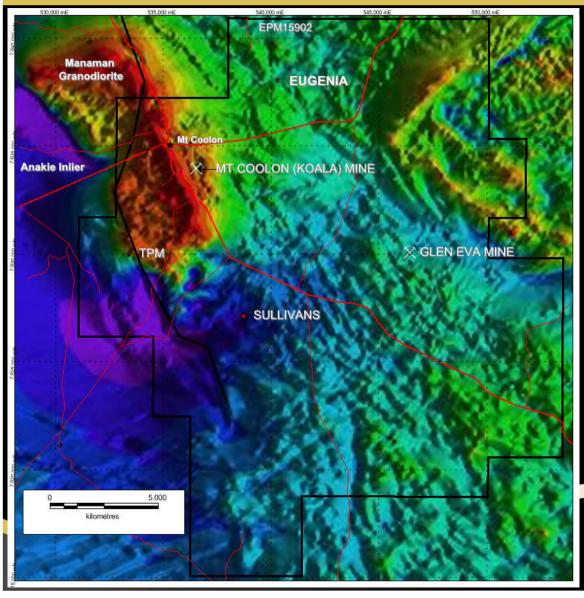
✓ 1992-1997 Mt Coolon Region

Ross Mining NL formed and consolidated the basin. Purchased discoveries from others in the late 1980's/early 1900's.

Ross successfully mined **Belyando**, **Yandan** open pits. Also mined other oxide resources by open pit at **Wirralie**, **Mt Coolon (Koala)** & **Glen Eva.** 



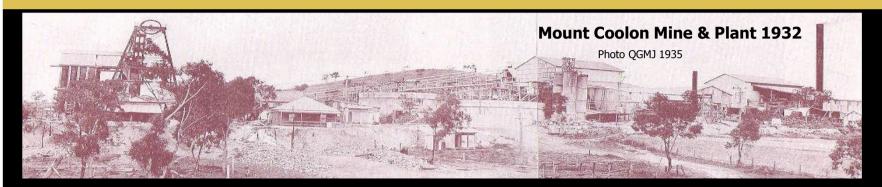
# Key Assets – a concentrated portfolio



- A large porphyry/epithermal province with proven genetics
- Defined contact Drummond Basin volcanic units (green/right-side) with the Anakie Metamorphics (blue/left side) & .
- Manaman Granodiorite intrusive (red, elongate & centre of image).
- Mines and key prospects located in a 10km radius enveloped by one tenure EPM 15902



# Mount Coolon (Koala) Mine – a historical producer



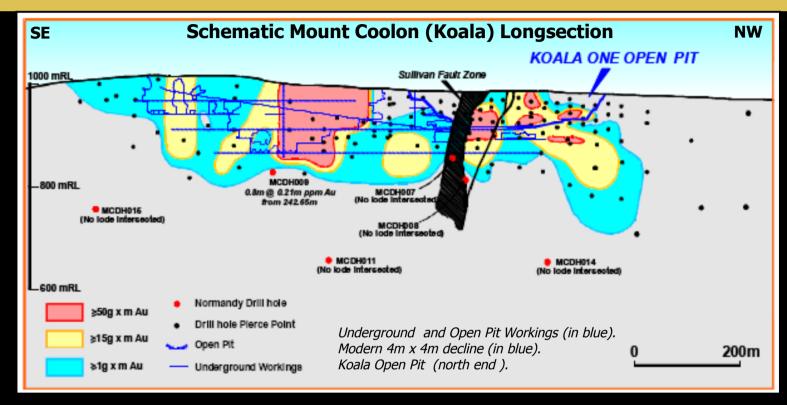
- Gold discovered in 1913 and deposit continuously mined for 25 years until 1939.
- GMA produced 180,000oz at 18.4 g/t gold from 1930-1939.
- Queensland largest gold producer in 1932.
- 1986/87 feasibility study including drilling and a 675m long 4m X 4m decline completed by Renison Goldfields, but no production.
- Ross Mining NL mined Koala Open Pit in 1996 for 53,000oz @ 5.6g/t gold.





Koala Open Pit - view looking northwest

## Mount Coolon (Koala) Mine – high grade potential



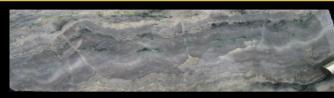
- Classic epithermal "bonanza grade" deposit. Mined grades ranged from 12-35g/t Au.
- Main lode crops out over 1,300m. Lode dips steeply east and west.
- Not tested sufficiently along strike or at depth or associated structures.
- Current Resource 67,200 ounces Au



# Mount Coolon (Koala) Mine – deep drilling required



Mt. Coolon Drill core



Crustiform chalcedonic -silica, adularia, chlorite

Banded crustiform chalcedonic - silica, adularia, chlorite

- ✓ Lodes occur in andesitic volcanics and display typical low sulphidation adularia-sericite style.
- ✓ Structural work clearly shows a strong left lateral transpression.
- ✓ Geochemical niche sampling has highlighted a well developed vertical zonation.
- ✓ Strong vertical and potential lateral variations are observed in silica textures and vein mineralogy.
- ✓ Interpretation of detailed magnetics and IP has identified magnetic depletion zones coincident with chargeability/resistivity zones along strike & on sub-paralleling & linking structures.
- ✓ Local regional evidence supports a structural regime of telescoping & overprinting allowing potential for significant depth extensions.
- ✓ Strong similarities to +4Moz Pajingo & Cracow Gold Mines, Qld.

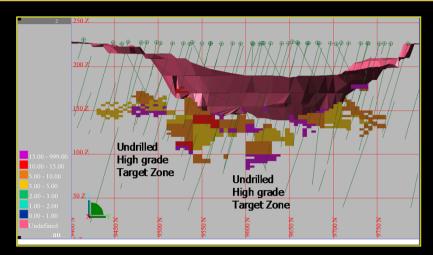
Targets have been identified, mainly requiring deep drilling and under cover.



## Glen Eva Mine – open at depth and long strike



Glen Eva Pit – looking southwest

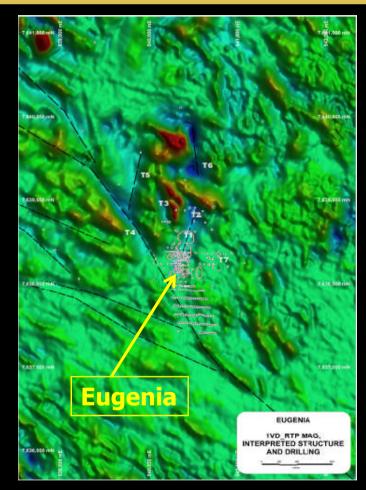


Glen Eva Deposit – longsection looking southwest

- Current resource is 37,200 ounces Au.
- Discovered 1992, located 9km SE Mount Coolon (Koala) mine and connected by private internal all-weather haul road.
- Blind deposit but sinter outcrop nearby led to 1992 discovery.
- High grade "bonanza" epithermal vein.
- Open pit mined for 25,000 oz >6.0g/t in 1997 abandoned due to pit failure.
- Open at depth and along strike. Nearby structures anomalous.
- Virtually no exploration away from the open pit.



# Eugenia Project – more drilling required

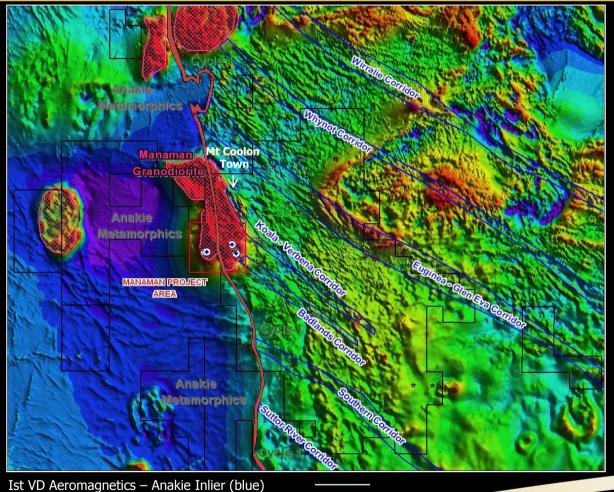


1<sup>st</sup> VD Aeromagnetics – resource area defined by white dots centre of image

- Current Inferred Resource of 4.4Mt @ 1.3g/t Au for 178,000 oz.
- Located 6kms northeast of Mt Coolon -Drummond Gold's largest resource.
- Previously named Police Creek. Deposit incompletely drilled, passes under shallow cover north, south and west, open at depth.
- Initial (Whittle) pit optimisation completed, provides focus to further exploration, delineation & resource extension.
- One deeper intersection approx. 140m below surface yielded 16m @ 2.2 g/t Au including 2m @ 19.4 g/t Au suggestive of possible feeder structures.
- New work has defined potential repeat structural targets. Drill plan prepared over new targets.



## Mt Coolon Region – Gold Anomalism Throughout



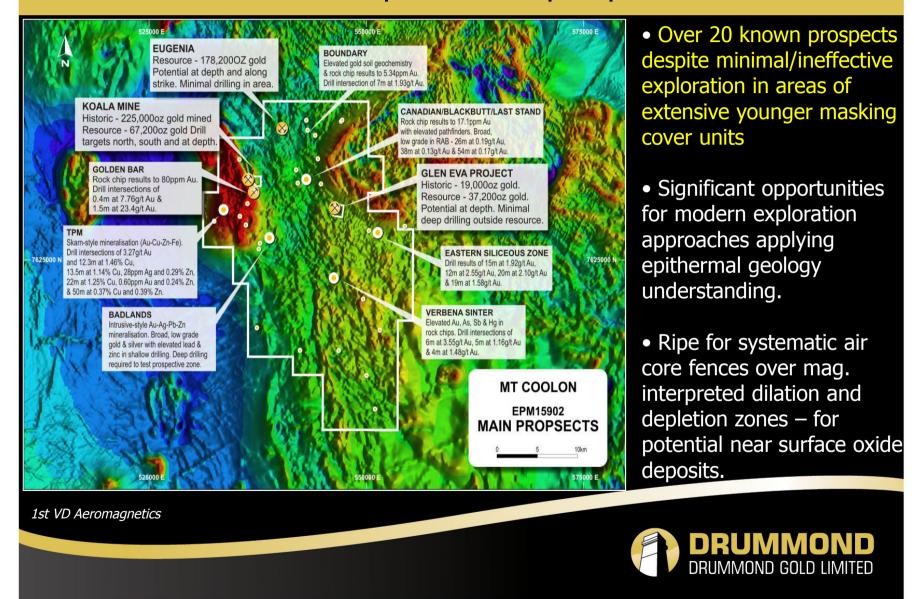
- Strong NW SE trending structural corridors in volcanics.
- All identified major structures have known gold anomalism.
- **Detailed Helimag only** acquired in 1997 – post the intense first phase exploration which was geochemically focused.
- Target definition within corridors by geophysics (with widespread masking cover units – Suttor Formation) yet to be undertaken.

Drummond Basin units (green), Intrusives (red)

5km



## EPM 15902 Mt Coolon – plethora of prospects



## **Nearby Developing Prospects**

## Strong gold anomalism from past RC/RAB drilling includes....

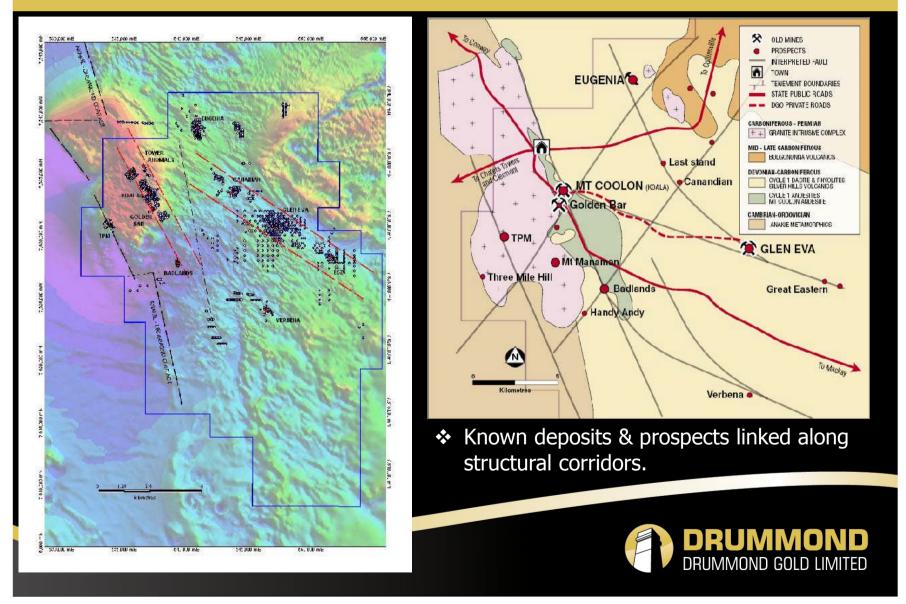
- Great Eastern (ESZ) Prospects,
- Canadian/Blackbutt/Last Stand Prospects,
- Verbena Sinter Prospect (a giant sub-aerial sinter 600m across),
- Plus over 20 other anomalous prospects identified,
   all only 1st or 2nd pass tested (1986-1996).

## Base Metal Opportunities (Manaman Intrusive)

- TPM Copper-Magnetite Skarn Prospect, 6km SW of Mt Coolon,
  - numerous near surface drill intersections of  $\sim 1\%$  Cu ranging from 15m to 30m in thickness, open down dip & along strike.



# Structural Corridors are under-explored



## Bimurra & Conway (EPM 7259) – Legacy prospects

- Purchased from Newcrest. Covers two (2) separate epithermal systems Conway and Bimurra located ~35km north of Mt Coolon (within acceptable trucking distance). Both lie in a NE structural corridor 15km & 25km northeast of Wirralie Mine (1moz Au).
- Each system has numerous prospects over a large sq. km area. Sinters prominent.
- **Conway System** Drilling has returned significant results at several large prospects including:
  - Bluegum 20m at 3.97g/t Au, 6m at 2.11g/t Au,
  - Wobegong 2m at 18.4g/t Au, 2m at 13.3g/t Au,
  - Red Flag Hill 2m at 14.4g/t Au, 6m at 4.13g/t Au.

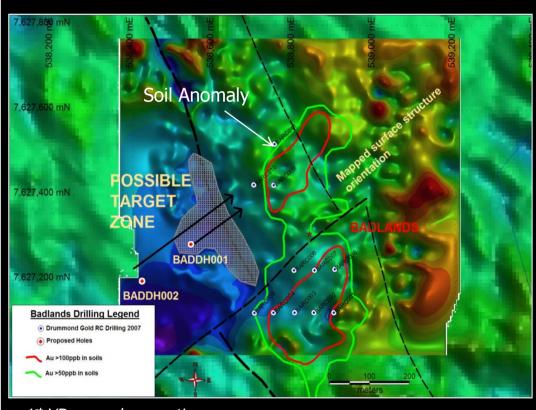
Drummond completed a major IP survey over a majority of the Conway system - nineteen (19) resistivity/chargeability target areas identified - drilling on IP targets yet to be undertaken.

• **Bimurra System** – Centre of system formerly covered by MDL 22 –

System now under one ownership. Requires 3D evaluation followed by drilling over the entire epithermal system.



## Sullivans Prospect – emerging IRGS gold prospect



1<sup>st</sup> VD ground magnetics

- Located 6km south of Mt Coolon and close to existing deposits (formerly named Badlands).
- Defined as an high order > 100ppb, and often > 1.0ppm gold soil anomaly 650m by 250m.
- Successful drilling by Drummond interpreted as exposed level "relatively high" in a typical Intrusion-related Gold System (IRGS) Deposit.
- Similarities with Mt Wright and Mt Leyshon IRGS gold deposit settings.
- Target size 2 to 3 million ounces Au.
- Requires targeted deep drilling



## Exploration & Mining Opportunity Gap – Mt Coolon

#### All Resources Are Open

- Ross Mining's focus was on quick open pit ounces amidst rapidly declining World Gold Prices in the mid 1990's.
- Mt Coolon (Koala) Deposit lookalikes at Cracow & Pajingo underground mines → discovered post Ross Minings exit (1997) of the Drummond Basin.
- Mt Coolon (Koala) and Glen Eva Mines have not been tested appropriately along strike and associated structures.
- Eugenia, the second last discovered gold (oxide) deposit in the Drummond Basin (1989), is yet to be fully delineated, is open, and the immediate area underexplored.

#### Region Underexplored – 1<sup>st</sup> Pass Exploration Only

- ➤ Gold anomalism, structurally controlled, is widespread over tens of square kilometres and on all major structures. EPM 15902 approx. 3,000 sq. km.
- Numerous key prospects already identified but yet to have systematic work.
- ➤ High potential to discover new oxide gold deposits, masked under the widespread, mainly surficial and geochemically benign younger Tertiary age cover units.



# **Exploration Value-Add by Drummond Gold**

- ❖ Bona fide explorer have obtained quality data, sort and applied key expertise and modern methods towards unlocking the regions true potential. Mining Leases in good standing.
- Quality value-adding work undertaken includes:
  - ✓ Data acquisition & consolidation,
  - ✓ Geophysical surveys, processing & modelling,
  - ✓ Sampling & Mapping,
  - ✓ Drilling (RC and Diamond multi-element analysis),
  - ✓ Expertise & Reviews,
  - ✓ Research & QGS (Sponsorship),
  - ✓ Mine Scoping Study,
  - ✓ Landowner Relations,
  - ✓ Mt Coolon Operational/Office Base.

Opportunities have been high-graded, ranked and prioritised, ready for major step-change drilling discovery success.



## **Exploration & Mining Opportunity Checklist**

## Ownership of Major Assets (And by Major Companies)

- Mount Coolon Mine first mine of Gold Mines of Australia (GMA) from 1930-1939, in effect Western Mining Corporations (WMC) first mine. (Ross Mining & Newcrest)
- > 25 years continuous mine life 1914-1939, in 1932 was Queensland's largest gold producer.

## High Average Grade (Grade is King)

- Mount Coolon Mine (U/G) from 1930 -1932 produced 179,000oz at an average grade of 18.4g/t.
- ➤ Glen Eva and Koala (Mt Coolon) Open Pits mined grades were 6.2g/t Au and 5.6g/t gold respectively.

#### Latent Value (Legacy Assets – Former Historic Mining Centre)

- ➤ Mount Coolon region has been a gold mining area for 100 years discovery in 1913.
- ➤ Last concerted mining phase was in 1992–1997 by Ross Mining NL.

#### Closeness to Infrastructure (Good Discoveries Made Close to Infrastructure)

- Mount Coolon lies at the crossroads of serviced all weather development roads, grid power, water? and has a public airstrip.
- Close proximity to coalfields services to the immediate east.



## Forward Strategy - next steps

#### Over next 1 to 3 years

- Drill focus for step-change resource extensions at Mt Coolon (Koala), Eugenia, Glen Eva, and Bimurra.
- Upgrade Eugenia Resource, drill for extensions conduct further mine optimisation studies and apply for a ML.
- Drill test Sullivans IRGS Prospect for possible major gold resource discovery.
- Conduct targeted program of drill fences for new oxide gold discovery.
- Review/revise Resources, Mining Studies and Central Gold Production & Processing Hub Concept.

The Company is seeking Joint Venture participation to significantly advance these drill-ready opportunities.





Mt Coolon (Koala) Open Pit

# Best Gold Exploration & Development Opportunity in Eastern Australia

- ✓ A focused and advanced portfolio of gold projects and prospects.
- ✓ Multi-million ounce deposit potential epithermal and IRGS gold styles.
- ✓ A pipeline of drill ready gold opportunities.
- ✓ Tight ownership history and discontinuous modern exploration efforts provides an excellent opportunity for a major new discovery breakthrough, and, growth.





THANK YOU

## Mt Coolon Resources 30 June 2010

|          | Location                           | Resource Category |        |           |        |          |        |        |        |         |         |        |         |        |
|----------|------------------------------------|-------------------|--------|-----------|--------|----------|--------|--------|--------|---------|---------|--------|---------|--------|
| Mine     |                                    | Measured          |        | Indicated |        | Inferred |        | Total  |        |         | cut-off |        |         |        |
|          |                                    | 000' t            | Au g/t | Au oz     | 000' t | Au g/t   | Au oz  | 000' t | Au g/t | Au oz   | 000' t  | Au g/t | Au oz   | Au g/t |
| Koala    | Hectorina<br>Pit                   |                   |        |           | 15     | 2.6      | 1,300  |        |        |         | 15      | 2.6    | 1,300   | None   |
|          | Undergrou<br>nd<br>Extension       |                   |        |           | 205    | 5.9      | 39,600 | 62     | 5.3    | 10,600  | 267     | 5.7    | 49,300  | 3.0    |
|          | Tailings                           | 305               | 1.6    | 15,800    | 11     | 1.6      | 500    | 6      | 1.5    | 300     | 322     | 1.6    | 16,700  | None   |
|          | Total                              | 305               | 1.6    | 15,800    | 231    | 5.5      | 40,400 |        |        |         | 604     | 3.5    | 67,200  |        |
| Eugenia  | in whittle<br>pit - direct<br>mill |                   |        |           |        |          |        | 428    | 1.5    | 20,800  | 428     | 1.5    | 20,800  | 0.5    |
|          | outside pit                        |                   |        |           |        |          |        | 3,988  | 1.2    | 157,500 | 3,988   | 1.2    | 157,500 | 0.5    |
|          | Total                              |                   |        |           |        |          |        | 4,416  | 1.3    | 178,200 | 4,416   | 1.3    | 178,200 | 0.5    |
| Glen Eva | Undergrou<br>nd below<br>pit       |                   |        |           | 132    | 7.8      | 33,200 | 21,000 | 5.9    | 4,000   | 154     | 7.5    | 37,200  | 3.0    |
| To       | otal                               | 305               | 1.6    | 15,800    | 363    | 6.3      | 73,600 | 4,506  | 1.3    | 193,100 | 5,174   | 1.7    | 283,000 |        |

Competent Person Statement attached



## Competent Persons Statement

#### **Resources Statement**

The data in this report that relates to Mineral Resources for the Eugenia, Glen Eva and Koala Deposit is based on information evaluated by Mr. Simon Tear who is a Member of The Australasian Institute of Mining and Metallurgy (MAusIMM) and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the "JORC Code"). Mr. Tear is a full-time employee of H&S Consultants, Brisbane and he consents to the inclusion in the report of the Mineral Resource in the form and context in which they appear.

The Eugenia Gold Resource was updated and announced in the Company's June 2009 Quarterly Report to the Australian Securities Exchange (ASX) dated 29<sup>th</sup> July 2009, and Amendments to June Quarterly Activities Report 2009, also dated 29<sup>th</sup> July 2009. The Mt Coolon (Koala) and Glen Eva Gold Resources were updated and announced in the Company's September 2009 Quarterly Report to the Australian Securities Exchange (ASX), dated 30<sup>th</sup> October 2009. This information was prepared and first disclosed under JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the market announcements referred to above and that all material assumptions and technical parameters underpinning the estimates in the original announcement continue to apply and have not materially changed.

#### **Exploration Results**

The data in this report that relates to Exploration Results, the accuracy and quality of data and the interpretation of mineralisation in the Drummond Basin at Mt Coolon, Central Queensland, are based on information compiled by Mr Brice Mutton who is a Fellow of The Australasian Institute of Mining & Metallurgy (FAusIMM) and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the "JORC Code"). Mr Mutton is a Non–executive Director of Drummond Gold Ltd and an industry consultant via Brice Mutton & Associates Pty Ltd, and he consents to the inclusion in the report of the Exploration Results in the form and context in which they appear.





THANK YOU