Forward looking statements

Certain statements in this document constitute “forward looking statements” within the meaning of Section 27A of the US Securities Act of 1933 and Section 21E of the US Securities Exchange Act of 1934.

In particular, the forward looking statements in this document include among others those relating to the Damang Exploration Target Statement; the Far Southeast Exploration Target Statement; commodity prices; demand for gold and other metals and minerals; interest rate expectations; exploration and production costs; levels of expected production; Gold Fields’ growth pipeline; levels and expected benefits of current and planned capital expenditures; future reserve, resource and other mineralisation levels; and the extent of cost efficiencies and savings to be achieved. Such forward looking statements involve known and unknown risks, uncertainties and other important factors that could cause the actual results, performance or achievements of the company to be materially different from the future results, performance or achievements expressed or implied by such forward looking statements. Such risks, uncertainties and other important factors include among others: economic, business and political conditions in South Africa, Ghana, Australia, Peru and elsewhere; the ability to achieve anticipated efficiencies and other cost savings in connection with past and future acquisitions, exploration and development activities; decreases in the market price of gold and/or copper; hazards associated with underground and surface gold mining; labour disruptions; availability terms and deployment of capital or credit; changes in government regulations, particularly taxation and environmental regulations; and new legislation affecting mining and mineral rights; changes in exchange rates; currency devaluations; the availability and cost of raw and finished materials; the cost of energy and water; inflation and other macro-economic factors, industrial action, temporary stoppages of mines for safety and unplanned maintenance reasons; and the impact of the AIDS and other occupational health risks experienced by Gold Fields’ employees.

These forward looking statements speak only as of the date of this document. Gold Fields undertakes no obligation to update publicly or release any revisions to these forward looking statements to reflect events or circumstances after the date of this document or to reflect the occurrence of unanticipated events.
Granny Smith Gold Mine

Introduction: Location

• 100% Gold Fields owned

• Located in the Eastern Goldfields Province of the Archaean Aged Yilgarn Craton

• 950 km NE by sealed road from Perth

• 400 km NNE by sealed road from Kalgoorlie
Granny Smith Gold Mine

Introduction: Site Orientation

- Granny Smith mill and village located 23 km S of Laverton
- Wallaby underground mine located 15 km WSW of Granny Smith mill.
- 455.2 square km granted tenements.
- 111.1 square km tenement applications.
- 186.9 square km miscellaneous licences.
- Tenements focused on the Laverton Tectonic zone, 30 km north and south of the Granny Smith mill including the NE of Lake Carey
Granny Smith Gold Mine

Introduction: History

• 1979: Granny Smith and Goanna deposits discovered
• 1989: Granny Smith JV (60% Placer Pacific Ltd, 40% Delta Gold NL) commenced open pit mining
• 1990: First gold poured in 1990
• 1994: Open pit production from Keringal Jubilee and Sunrise open pits
• 1998: Wallaby deposit discovered
• 2001: Open pit mining commenced at Wallaby
• 2005: Wallaby underground mining commenced
• 2006: Barrick Gold purchased 100% of PDG
• Oct 2013: Gold Fields purchases Granny Smith as part of Yilgarn South acquisition

1989-2013 Production:

Total Granny Smith Project
Produced Oz - 6.7 Moz
OP Produced Oz - 5.5 Moz
(Granny Smith, Sunrise, Wallaby, Keringal, and Minor Pits)
UG Produced Oz - 1.2 Moz
(Wallaby)
Granny Smith Gold Mine

Introduction: Historical Production

Granny Smith Mined Ounces Source History

2013 LOM = 6 years (1.2 Moz at US$1,350)
Granny Smith Gold Mine

Key Management Team
Key Management Team

- **General Manager – Stuart Mathews**
  - Strong mining and project background in numerous commodities
  - MSc in Geology
  - 22 years experience both locally and internationally

- **Manager Mineral Resources – Gary Sparks**
  - Strong exploration and production background in both underground and open pit mining
  - BSc Geology, MSc Exploration and Mining Geology
  - 29 years experience in the Eastern Goldfields region, Eastern Australia and PNG

- **Processing Manager – Wayne Gaiter**
  - Operations management and processing background
  - 25 years experience in the industry

- **Mining Manager – Andrew Cooper**
  - Experienced in underground mining, predominantly large scale operations
  - Honours in Mining Engineering
  - 15 years experience with almost 5 years at Granny Smith
What did we buy?
Granny Smith Gold Mine

What Did We Buy?

POSITIVES

● Granny Smith world class gold mining operation

● A dynamic and results driven management team

● Great ore body with outstanding exploration potential

● A mature and well-functioning mine site with highly experienced mining personnel

CHALLENGES

● Processing plant, ageing infrastructure and equipment integrity

● Mill Capacity not utilised

● Exploration spend required to realise exploration potential

A Great Acquisition With Significant Upside
Granny Smith Gold Mine

Resources & Reserves and Main Ore Bodies

Mineral Resources
- Open Pit – 27.6 Mt @ 1.33 g/t for 1.18 Moz
- Underground – 8.5 Mt @ 7.54 g/t for 2.06 Moz

Mineral Reserves
- Underground – 4.1 Mt @ 6.34 g/t for 838 Koz
  - +15% on 2012 ounces post depletion (+109 Koz)

Current Mining Areas
- Z70 – Limited stoping and development
- Z80 – Main production area
- Z90 – Stoping and development
- Z100 – Development with 1st stoping in Qtr 4 2014

Mine remains open at depth & has lateral potential – limited only by present drilling
Granny Smith Gold Mine

Mining Methods, Mining Infrastructure and Equipment:

Wallaby Underground:
- Single decline truck haulage from a portal in the Wallaby open pit
- Ramp Gradient = 1 : 7
- Decline and Truck Access Profile
  - (5.2m wide x 5.7m high)
- Ore Drive Profile
  - (4.6m wide x 4.6m high)
- Inclined Room & Pillar (IRP)
  - Suitable for moderately dipping orebody (10°-35°), and moderate width zones (4-6m)
- Transversal Long Hole Stope (TLHS)
  - Suitable for thicker zones (6-15m) under varying dip conditions.
- Main Equipment:
  - 4 x Atlas Copco Twin Boom Jumbos
  - 3 x Atlas Copco Production Drills
  - 4 x Cat 2900 Loaders
  - 3 x Cat 1700 Loaders (Remotes)
  - 8 x Atlas Copco MT6020 UG Trucks
Granny Smith Gold Mine

Processing Plant

• Primary Jaw and Secondary crushing circuit
• 3.4 MW SAG Mill
• 3.8 MW Ball Mill
• 6 x Leaching and 6 x CIP circuits
• Thickener, tails retreatment
• 3.5 Mtpa throughput capacity
• Currently campaign milling at 1.5 Mtpa
• Capital extensive program for 2014
• Steel and concrete remediation
• Replacement/ modification cyclone feed pumps
• Refurbish gold and elution circuits
• Tank refurbishment leach and CIP
Granny Smith Gold Mine

Other Site Infrastructure

● Camp
  - Contractor managed, Catercare Services
  - Capacity of 640 modern rooms
  - Double story Gym and Squash Courts
  - Limestone enclosed Bar and state of the art outdoor projector
  - Digital TV and Foxtel
  - WIFI throughout Camp

● Flights
  - Dual contracts between Skippers & Cobham to enhance cost saving flexibility
  - 1.9km certified unsealed Aerodrome
To be the global leader in sustainable gold mining

Why did we buy?
Our Due Diligence View

- Met the GFI key metric of 15% FCF margin at a gold price of US$1,300/oz with key opportunities:
  - Optimise workforce
  - Optimise capital spend including development rates
  - Improve mining recovery and dilution
  - Improved grade control models
  - Optimise mill campaign production profile to maintain consistent throughput and improve recovery

- Other opportunities that we saw:
  - Optimise stores
  - Mill improvements including gravity recovery

- Potential Synergies:
  - Regional laboratory for Gold Fields sites

- Resource and Reserve Growth

Potential To Be A Gold Fields Franchise Asset
Granny Smith Gold Mine

Our Due Diligence View

Zone 250
Zone 60
Zone 70
Zone 80
Zone 90
Zone 100
Zone 100 South - Target
Zone 110
Zone 1120
Zone 120
Zone 120 South - Target
Zone 130 - Target
Zone 140 - Target
Zone 150 - Target

Un-depleted Global Resource
3.58Mt @ 8.50g/t for 980Koz (3.0g/t cut)
3.84Mt @ 8.88g/t for 1.1Moz (3.18g/t cut)
3.36Mt @ 9.04g/t for 980Koz (3.33g/t cut)
0.41Mt @ 6.26g/t for 82Koz (3.33g/t cut)

Depth 1.8km

Wallaby Gets Better!
Granny Smith Gold Mine

Our Due Diligence View

- Located in highly endowed province
- >20 Moz in the Laverton Region incl:
  - Granny Smith ~ 2.5 Moz
  - Wallaby ~ 8 Moz
  - Sunrise ~ 10 Moz
- 2 World Class deposits on the margin of Lake Carey in Wallaby and Sunrise
- Lake Carey grossly under-explored:
  - No significant exploration since 2005
  - Exploration to date not systematic
- Brown field potential under existing pits:
  - Granny Smith
  - Keringal
What have we done since the acquisition?
Granny Smith Gold Mine

Production and AISC

![Graph showing production and AISC over different quarters. The graph compares Barrick and Gold Fields Acquisition. The x-axis represents the quarters of 2013 and 2014, while the y-axis represents the AISC in USD/oz. The graph illustrates the production and AISC for each quarter, highlighting the differences between Barrick and Gold Fields Acquisition.]
## Major Initiatives Delivering Results

<table>
<thead>
<tr>
<th>Improvement focus</th>
<th>Actual achieved</th>
<th>Actual Achieved</th>
<th>+/- Ozs Variance since Acquisition</th>
<th>Overall Impact</th>
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<tbody>
<tr>
<td>Improved process plant recovery</td>
<td>Smaller cyclones, re-work plumbing &amp; ball mill discharge</td>
<td>+4% plant recovery</td>
<td>+14,500 oz in 2014</td>
<td>Extra oz from same ore tonnes. Reduced Cost per oz</td>
</tr>
<tr>
<td>Internal dilution reduction</td>
<td></td>
<td>+0.3 g/t gold grade increase</td>
<td>+14,500 oz</td>
<td>As above</td>
</tr>
<tr>
<td>Process plant stability</td>
<td>Maintaining campaign milling @ 350 tph feed rate</td>
<td>+15,000 tonnes mill feed</td>
<td>+2,600 oz in Q1 2014</td>
<td>As above</td>
</tr>
<tr>
<td>Grade control remodeling</td>
<td>Infill drilling, development assaying, mapping</td>
<td>Overall Gold grade increase</td>
<td>+ additional oz</td>
<td>As above</td>
</tr>
</tbody>
</table>

Applying the Gold Fields Franchise
### Key Operating Metrics

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<th>KPI's</th>
<th>Unit</th>
<th>Q4 2013</th>
<th>Q1 2014</th>
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<tr>
<td>Safety</td>
<td>LTI's</td>
<td>1</td>
<td>0</td>
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<tr>
<td>Ore mined - UG</td>
<td>kt</td>
<td>362</td>
<td>405</td>
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<tr>
<td>Mined grade - UG</td>
<td>g/t</td>
<td>6.34</td>
<td>5.70</td>
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<tr>
<td>Ore processed</td>
<td>kt</td>
<td>330</td>
<td>401</td>
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<tr>
<td>Head grade</td>
<td>g/t</td>
<td>6.21</td>
<td>5.69</td>
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<tr>
<td>Recovery</td>
<td>%</td>
<td>90.8</td>
<td>91.1</td>
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<tr>
<td>Gold sold</td>
<td>Koz</td>
<td>62.2</td>
<td>66.5</td>
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<td>Revenue</td>
<td>US$m</td>
<td>79.2</td>
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<td>US$m</td>
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<tr>
<td>Operating Profit</td>
<td>US$m</td>
<td>32.3</td>
<td>36.8</td>
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<tr>
<td>Capital expenditure</td>
<td>US$m</td>
<td>8.1</td>
<td>7.1</td>
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<tr>
<td>AISC</td>
<td>US$/oz.</td>
<td>888</td>
<td>910</td>
</tr>
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</table>
Executive Summary

All measures designed to improve AIC and production

Overall Management:
- Significant change in operating culture since acquisition
- Strong Management Team and disciplined in planning
- Re-structure of business to fit Gold Fields strategy for 2014 & beyond

Mining Improvements:
- Optimising mine recovery of the resource
- Dilution control through drill & blast focus in design & implementation
- Revised mining methodology for flatter stopes
- Doing the basics right

Processing Improvements:
- Increased ounces with quality of mined ore tonnes
- De-risking the process plant upgrade remediation
- Recovery gains 4% plant optimization
- Not filling the plant – Optimizing gold production
- Campaign milling vs continuous milling

Strong Life-Of-Mine:
- Limited only by drilling & exploration
- Doubling of exploration spend over 2013 to Au$6M (excluding resource conversion drilling)
To be the global leader in sustainable gold mining
Granny Smith Gold Mine

Safety Performance

12 Month Moving Average Frequency Rates Per Million Manhours
(TRIFR = Lost Time Injury + Restricted Work Injury + Medically Treated Injury per Million Manhours Worked)

No of injuries

If We Cannot Mine Safely, We Will Not Mine

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Safety Focus

Safety Initiatives in 2104

- Task Observation Performed by Supervisors (TOPS) – 500 discussions per month
- Socialising safety in the field
- Participation by all supervisory staff
- Strong culture of hazard & incident reporting
- Internal Leading Indicator Environmental, Health, & Safety Audits – Quarterly (bonus parameter)
- Employee Health & Wellbeing Program improvements in 2014
- Reduction in diesel particulate emissions – tracked against an internal target with the majority of exposures achieving the target. All UG equipment have filters installed
- New Vital Behaviours Program – safety initiative in 2014
## Human Resources

<table>
<thead>
<tr>
<th>Description</th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employees in service</td>
<td>367</td>
<td>392</td>
</tr>
<tr>
<td>Contractors</td>
<td>85</td>
<td>95</td>
</tr>
<tr>
<td>TE+C</td>
<td>452</td>
<td>487</td>
</tr>
<tr>
<td>Tonnes mined/ TE+C</td>
<td>1007</td>
<td>864</td>
</tr>
<tr>
<td>Oz Sold / TE+C</td>
<td>51</td>
<td>58</td>
</tr>
</tbody>
</table>
Granny Smith Gold Mine

Environment and Community

- Pursuing ISO 14001 certification
  - First stage audit completed June 2014
  - No non-conformances raised
  - Second stage and certification scheduled for Q4 2014

- Full compliance to the Cyanide Code

- Effective community engagement programmes in place

- Support social wellbeing through the Laverton Leonora Cross Cultural Association
## Granny Smith Gold Mine

### Top Priorities

<table>
<thead>
<tr>
<th>Priorities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
</tbody>
</table>
Regional Geology

- Deposits hosted in the meta-sedimentary rocks in the Laverton Tectonic Zone
- Wallaby and Granny Smith mineralisation is focused where northerly trending structures interact with intrusives
  - Wallaby deposit hosted in the Wallaby conglomerate, focused at a flexure in the northerly trending Chatterbox Shear
  - Granny Smith hosted in sandstone (arkose), ironstone and granodiorite where the northerly trending Granny Smith Shear interacts with the eastern margin of the Granny Smith granodiorite
  - Minor deposits on northerly trending Child Harold and Keringal Shears
- Sunrise mineralisation is focused along the north east trending Sunrise/Carey shear system
Table: 2013 YE Reserve

<table>
<thead>
<tr>
<th>Area</th>
<th>BCOG (g/t)</th>
<th>Ore (kt)</th>
<th>Au (g/t)</th>
<th>Au (koz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z250/60</td>
<td>3.63</td>
<td>106</td>
<td>4.51</td>
<td>15</td>
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<tr>
<td>Z70</td>
<td>3.63</td>
<td>175</td>
<td>4.45</td>
<td>25</td>
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<tr>
<td>Z80</td>
<td>3.76</td>
<td>694</td>
<td>5.87</td>
<td>131</td>
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<tr>
<td>Z90</td>
<td>3.96</td>
<td>1,943</td>
<td>6.24</td>
<td>390</td>
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<tr>
<td>Z100</td>
<td>4.11</td>
<td>1,132</td>
<td>7.28</td>
<td>265</td>
</tr>
<tr>
<td>Total</td>
<td>3.94</td>
<td>4,066</td>
<td>6.33</td>
<td>828</td>
</tr>
</tbody>
</table>
**Granny Smith Gold Mine**

**Simplified Wallaby Genesis**

**South**

- Zone 250
- Zone 70
- Zone 70 East
- Zone 80
- Zone 90
- Zone 100
- Zone 110
- Zone 120

**North**

- Pipe like Brittle zone formed

**Sub horizontal weakness planes formed**

**Gold bearing reduced fluids deposit gold along shears and dilational jogs**

*After Rauert, 2009*

---

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Granny Smith Gold Mine

Replacement of Reserves

GSM Wallaby Underground Reserves and Production

Typical Regenerative Orogenic Geology
Mining Method

Mining: Typical layout - Zone 90 M
Granny Smith Gold Mine

Mining: What Are We Doing To Improve?

- Optimising internal dilution with mining method
- Controlling ore loss through drill and blast methods
- Reducing overbreak through back analysis and planning guidelines
- Optimising recovered ounces through back analysis and pillar review
- Paste fill investigations in progress
- Mine automation options for remote bogging
- Low profile mining & extraction options – to maximise recovery of resources
Granny Smith Gold mine

Mining: What Are We Doing To Improve?

Mining Dilution and Recovery: Z90 N 721 P1

- 88% recovery of designed tonnes
- 97% recovery of designed ounces
- 11% overbreak – excellent, considering 85m combined up-dip spans

Green = Z80 S816 P2 Stope
Red = stope voids
**Mining: What Are We Doing To Improve?**

**Mining Dilution and Recovery: Z80 S 816 P2**

- 90% recovery of designed tonnes
- 91% recovery of designed ounces
- 11% overbreak – much of which continued from up-dip stope

Green = Z80 S816 P2 Stope
Red = stope voids

- Dual horizontal rise trialled on same section – eliminated 20m of conceptual development
Mining: What Are We Doing To Improve?

Slot Development Reduction

- 2\textsuperscript{nd} of 4 trial blind horizontal rises have been fired with excellent results
- Demonstrated that slot drives up to 12m long can be eliminated
- 14m and 16m rises to be trialed
Mining: What Are We Doing To Improve?

Recovery of Designed Ounces

- History of approx 85%-87% mine recovery
- Focus on technical drilling & blasting to achieve +90% recovery:
  - Investigation into dumping technique on longhole rigs to create better breakout angles at stope extremities (where we are experiencing the highest underbreak in our flat stopes)
  - Subdrilling of stope footwalls
  - More attention to shaping techniques at design stage to provide more accurate design shape (i.e. rounded corners)
Granny Smith Gold Mine

Mining: What Are We Doing To Improve?

Planned Dilution

- Have maintained a minimum cumulative reduction in planned dilution of 10% since Nov. 2013 while keeping designed ounces consistent (i.e. not dropping ounces to shred planned dilution)

- Approval given to trial mining method designed to eliminate footwall dilution

- Utilises the drill rig capability to innovatively drill & blast the low angle stopes without the need for expensive waste development to set up the stope

- Design and execution of trial to begin once model is provided by geology department.
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Processing
Granny Smith Gold Mine

Processing: Circuit Post Acquisition Review

Assessed 3 Process models

1. Closed Circuit SAG (CCS)
   - Closed circuit SAG, isolate ball mill and cyclone feed pumps and run SAG only on secondary crushed product.

2. SAG and Ball Mill Closed Circuit (SABC) - reduced power
   - Reduce ball charge in SAG and ball mill, both crushing and mill circuits operate as normal at reduced tonnes.

3. SABC campaign milling
   - Campaign milling, 350 tph SABC, Secondary Crushed Feed.

Key assumptions

- Budgeted throughput reduced to 350tph (from 380-400 tph) to stabilise circuit and optimise recovery
- Campaigns run for ~16 days per month – Opportune maintenance during downtime
- Owner maintenance crews assist with small capital projects during plant shutdown
- Reduce capital required for Tank refurbishment (3 Leach Tanks remain offline)
- Reduced manning from 89 to 69
- ROM Load and Haul – opportunity remains to reduce Crusher feed costs
Granny Smith Gold Mine

Processing: Additional Information

People
- Operations – stabilised crew levels, skills and training levels improved during 2013
  Restructured personnel late 2013
- Maintenance – reliance on outside contractors reduced, plant equipment knowledge improving

Processing Plant
- Aged plant (23yrs) with significant areas at risk – Cyclone Tower, CV2A structure, cyclone feed pumps, spirals, RO plant, tanks

Capital Required
- Structural steel and concrete remediation
- Leach & CIP Tank refurbishment
- Ball Mill & SAG mill lube systems
- Grinding Cyclone pumps & piping

Recovery
- Opportunities for improved Gravity recovery (Upfront) and/or TR circuit modifications
- Process control strategy design for crushing and grinding circuits
Granny Smith Gold Mine

Processing: Grade

Processing Grade

<table>
<thead>
<tr>
<th>Month</th>
<th>Grade (g/t)</th>
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<tbody>
<tr>
<td>October</td>
<td>6.0</td>
</tr>
<tr>
<td>November</td>
<td>6.0</td>
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<tr>
<td>December</td>
<td>6.0</td>
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<tr>
<td>January</td>
<td>5.0</td>
</tr>
<tr>
<td>February</td>
<td>5.0</td>
</tr>
<tr>
<td>March</td>
<td>7.0</td>
</tr>
</tbody>
</table>
Granny Smith Gold Mine

Processing: Recovery

Processing Recovery

Processing: Recovery

October  
November  
December  
January  
February  
March

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2014 Exploration – Target Areas

- 2014 Exploration budget A$12.3M
- Wallaby and Environs:
  - Resource Drilling
  - Wallaby Deeps
  - Structure Reinterpretation
  - Drill Testing
- Granny Smith:
  - Resource Re-interpretation
- Lake Carey:
  - Geophysics (Gravity and Sub Audio Magnetics)
  - Target Generation
- Keringal Targets:
  - Geophysics (Gravity)
  - Drill testing
Section Highlighting 2014 Wallaby Drilling

2013 MY Resource Wireframes vs 2014 Planned Drilling

Z100 Infill and Extensions Resource Drilling

Z100 Step-Out Inferred Resource Drilling Phase 2

Zone 90 Extensions Resource Drilling Phase 2 – 25 m infill

Z110-Z120 Inferred Resource Drilling

Z130-Z150 Exploration Drilling

50
Granny Smith Gold Mine

Zone 90-100 Resource Definition: 2014 Q1 Program Progress

- Detailed Resource Definition drill schedule created early Q1
- Areas of highest potential and LOM necessity prioritised in schedule
- Zone 100 resource definition drilling generally confirming or upgrading the existing resource

### Zone 100 Significant Intercepts Q1 (>14 G-M)

<table>
<thead>
<tr>
<th>Hole ID</th>
<th>From</th>
<th>To</th>
<th>Length</th>
<th>Grade</th>
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Granny Smith GoldMine

Zone 100 Phase 2 Step-Out Exploration: 2013 Results and 2014 Program Plan

2013 Results and 2014 Program Plan

WBD012UD 7.33m @ 7.10g/t
WB2790UD 1.77m @ 9.10g/t
3.89m @ 4.75g/t
WBD002UD 10.9m @ 5.29g/t
WBD013UD 10.5m @ 5.37g/t
WBD001UD 8m @ 21.63g/t

2014 TARGET AREA

100m Grid
Granny Smith Gold Mine

Zone 100 Phase 2 Step-Out Exploration: 2014 Program Progress

- Seven drill holes for 2,992m completed in Q1 2014

2014 Completed Drill Holes

<table>
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<th>NSA = No Significant Assay</th>
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<td>WBD019UD 3.40 m @ 14.06 g/t @Z100</td>
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<td>WBD020UD 3.05 m @ 8.72 g/t @Z100</td>
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<td>WBD015UD Anomalous Z90 alteration 1.77 m @ 8.23 g/t Z90 NSA @ Z100</td>
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<td>WBD016UD Strongly Mineralised IMZ 4.34 m @ 15.77 g/t below Z100</td>
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<td>WBD021UD 4.56 m @ 5.65 g/t @Z100</td>
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<tr>
<td>WBD018UD 6.24 m @ 14.50 g/t @Z100</td>
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</table>

2014 Analyst Visit - Granny Smith Gold Mine | Stuart Mathews | July 2014
Granny Smith Gold Mine

**Wallaby Z110-120: 2013 Status**

**Resource Drilling of Zones 110/120**

- Increase Z110/120 from 78 Koz to 1.0 Moz
- Add Z110/120 back into business plan
• “Potential” Resource increases of +300 koz Inferred resources plus 50 koz Potential resources (up from December 2013 Undepleted Global Resource of 78koz for Z110 only).

• Resource to be updated in Q3 following completion of exploration drilling
Granny Smith Gold Mine

Zone 130 - Zone 150 Exploration: 2014 Q1/2 Program Progress

- Six drill holes to Z150 planned for 2014 – first complete, second in awaiting assays

First deep drill hole intercepted two zones of mineralisation below Z120

- Zone 130 - 1.44m @ 13.11 g/t
- Zone 140 - 2.54m @ 2.94 g/t

View to South-West
Granny Smith Gold Mine

Zone 130 - Zone 150 Exploration: 2014 Q1/2 Program Progress

- 8.0m @ 4.31 g/t
- 2.63m @ 5.81 g/t
- 2.82m @ 6.3 g/t
- 2.7m @ 6.8 g/t
  (15.3m @ 3.55 g/t)
- 1.83m @ 41.55 g/t
- 9.36m @ 12.21 g/t
- 2.5m @ 8.58 g/t

View to South-West

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Zone 130 - Zone 150 Exploration: 2014 Q1/2 Program Progress

- 8.0m @ 4.31 g/t
- 2.63m @ 5.81 g/t
- 2.82m @ 6.3 g/t
- 2.7m @ 6.8 g/t
- (15.3m @ 3.55 g/t)
- 1.83m @ 41.55 g/t
- 9.36m @ 12.21 g/t
- 2.5m @ 8.58 g/t

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Keringal Exploration Program

- 16 km SE of Granny Smith
- High grade south plunging shoot beneath Keringal pit.
- Targeting shallow high grade shoot ~250 Koz.
- Potential for repeats along strike off the Keringal Shear

Section

Barnicoat Brittle – Ductile Shear Zone

EOH 306.1m

MWD056
20m @ 15.28 g/t Au

KPGDD001

KPGRC001

13.22m @ 7.72 g/t Au
Granny Smith Gold Mine

Platypus Exploration Program

Exploration drilling of up-dip projection of Wallaby Lodes to Orc mineralisation

- 1,800 m RC/diamond drilling
- 3 drill holes
- 1-2 Moz target
Granny Smith Gold Mine

Boomer Exploration Program

- Exploration drilling for Wallaby type deposit beneath Wedge Fault mineralisation
- 1,000 m RC/diamond drilling
- 2 drill holes
- 1-2 Moz target
Lake Carey Geophysics (Detailed Mag & SAM Surveys)

- Generation of drill targets on Lake Carey
- Review previous (Placer) exploration
- Complete detailed gravity
- Targeted SAM surveys

**Dallas South:**
- 9m @ 3.22g/t
- Red October Style Target

**Raw Prawn:**
- 10m @ 1.22g/t
- Wallaby Style Target

**Orc:**
- Up dip projection of Wallaby Lodes

**Tail Pipe:**
- N trending shear and intrusive Granny Smith Style Target

**Alabama:**
- 11m @ 1.84g/t
- 10m @ 0.92g/t
- 5m @ 2.55g/t
- 10m 1.60 g/t
- Wallaby Style Target

**Providence:**
- Sunrise Style Target
To be the global leader in sustainable gold mining

What are our future expectations?
Granny Smith Gold Mine

• A world class GFI franchise asset with an excellent strategic fit to the Group
• Ore body support for consistent Reserve replacement and growth from lateral and depth extensions
• We can see a life of at least 10 years, with upside potential for more

The Granny Smith future expectation is:

• Deliver stable and low risk operations
• Deliver a consistent 15% FCF margin on the current orebody
• Deliver on significant near mine and regional exploration potential
• Deliver on site full potential
• Deliver long life