



# Disclaimer

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## *Disclaimer*

The information provided in this presentation is not intended to be a comprehensive review of all matters and developments concerning the Company. It should be read in conjunction with all other disclosure documents of the Company. The information contained herein is not a substitute for detailed investigation or analysis. No securities commission nor regulatory authority has reviewed the accuracy or adequacy of the information presented.

This presentation contains forward-looking statements which address future events and conditions which are subject to various risks and uncertainties. The Company's actual results, programs and financial position could differ materially from those anticipated in such forward-looking statements as a result of numerous factors, some of which may be beyond the Company's control. These factors include: the availability of funds, the timing and content of work programs, results of exploration activities and development of mineral properties, the interpretation of drilling results and other geological data, the uncertainties of resource and reserve estimations, receipt and security of mineral property titles, project cost overruns or unanticipated costs and expenses, fluctuations in metal prices, currency fluctuations, and general market and industry conditions.

HEG has a 100% beneficial interest in all its granted tenements, while a portion of the Hill End tenements encompassed by the previous EL2037 is subject to a reduction to 85% if an 'economic feasibility study' is presented to First Tiffany Resource Corporation (FTRC) and, if it establishes that it holds a right against the Company to do so, FTRC contributes at the 15% level.

Forward-looking statements are based on the expectations and opinions of the Company's management on the date the statements are made. The assumptions used in the preparation of such statements, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements.

## *Competent Persons' Statement*

The information in this report that relates to Reward and Red Hill Mineral Resources is based on information reviewed by Philip Bruce, for Hargraves Mineral Resources and for Exploration results is based on information reviewed by Stuart Munroe and Philip Bruce. Dr Munroe is a Member of the Australasian Institute of Mining and Metallurgy and Mr Bruce is a Fellow of the Australasian Institute of Mining and Metallurgy and both are full-time employees of HEG. Dr Munroe and Mr Bruce have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (The JORC Code). Dr Munroe and Mr Bruce consent to the inclusion of the matters based on their information in the form and context in which it appears.

# Corporate Profile



## Business Strategy

- Create asset value for shareholders
- Advance exploration and pre-development projects
- Acquire direct and indirect interests in gold projects at pre-development / production stage
- Utilise strong support from cornerstone shareholders

## Board of Directors

**Denis Clarke**, Non-Executive Chairman, Geologist

**Philip Bruce**, Managing Director, Mining Engineer

**Graham Reveleigh**, Non-Executive Director, Geologist

**Bruce Thomas**, Non-Executive Director, Accountant

**Ian Daymond**, Non-Executive Director, Lawyer

**Quah Su-Yin**, Non-Executive Director, Lawyer

## Market data

ASX code	HEG
Current Share Price	0.8 cents
52-week High	1.9 cents
52-week Low	0.5 cents
Issued Capital	951.2 million
Options (listed / unlisted)	57.1 million
Market Capitalisation	\$7.6 million
Cash	~\$1 million
Debt	\$0

## Management

**Steve Peterson**, Chief Financial Officer

**Kevin Lynn**, Company Secretary

**Stuart Munroe**, Exploration Manager

**Jim Shanahan**, Site Manager

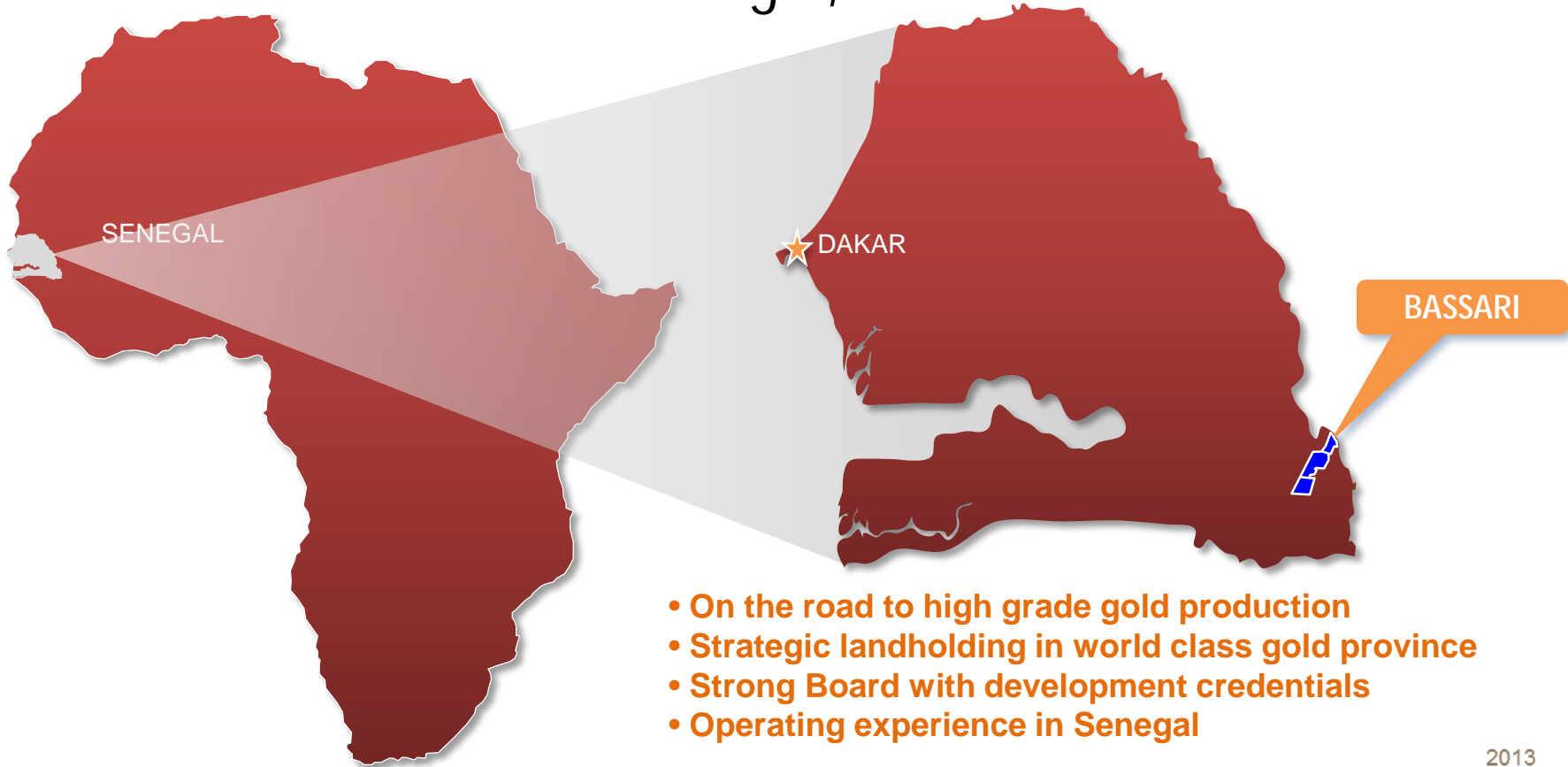
# Key Features

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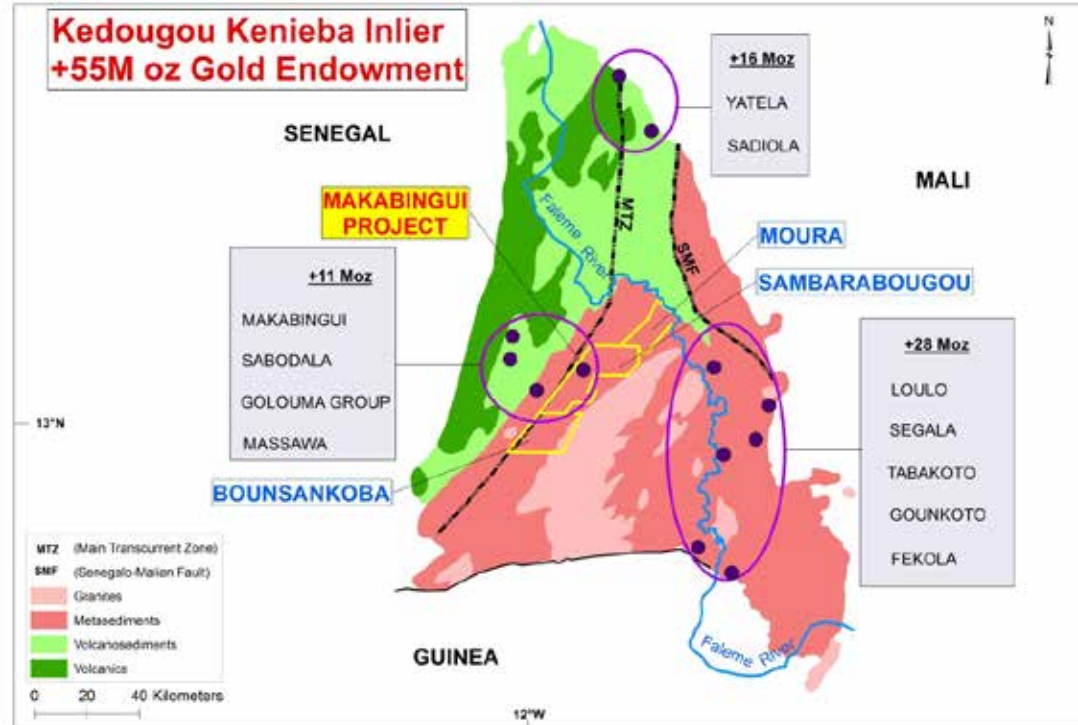
- ü JORC resources over 550,000 ounces of gold in Australia
- ü Project Development Plan for Hargraves Gold Project lodged with NSW DTI-R&E
- ü Exploring new prospects on existing tenements
- ü New project areas under application in New South Wales
- ü Acquired 16.4% equivalent interest in Bassari Resources Limited (ASX:BSR)
- ü Board and Management have strong corporate, exploration, development and operating experience

# Bassari in Senegal, West Africa



- On the road to high grade gold production
- Strategic landholding in world class gold province
- Strong Board with development credentials
- Operating experience in Senegal

# Regional Geology – Birimian Gold Belt



West African gold hot spot in a world class gold province

# Australian Resources\*



		Tonnes	Grade g/t gold	Contained gold oz
<b>Hargraves</b>				
Big Nugget Hill	Indicated	1,262,000	3.5	143,000
	Inferred	1,594,000	2.0	102,000
	<b>Sub-total</b>	<b>2,856,000</b>	<b>2.7</b>	<b>245,000</b>
<b>Hill End</b>				
Hawkins Hill – Reward	Measured	77,400	11.3	28,100
	Indicated	180,400	6.5	37,700
	Inferred	642,200	8.8	181,000
	<b>Sub-total</b>	<b>900,000</b>	<b>8.6</b>	<b>246,800</b>
Red Hill	Inferred	849,000	3.3	89,200
<b>Total Hill End and Hargraves</b>	<b>Total</b>	<b>4,605,000</b>	<b>3.9</b>	<b>581,000</b>

\*JORC 2004 compliant as at April 2013

Numbers include insignificant rounding errors

#### Cutoff grades

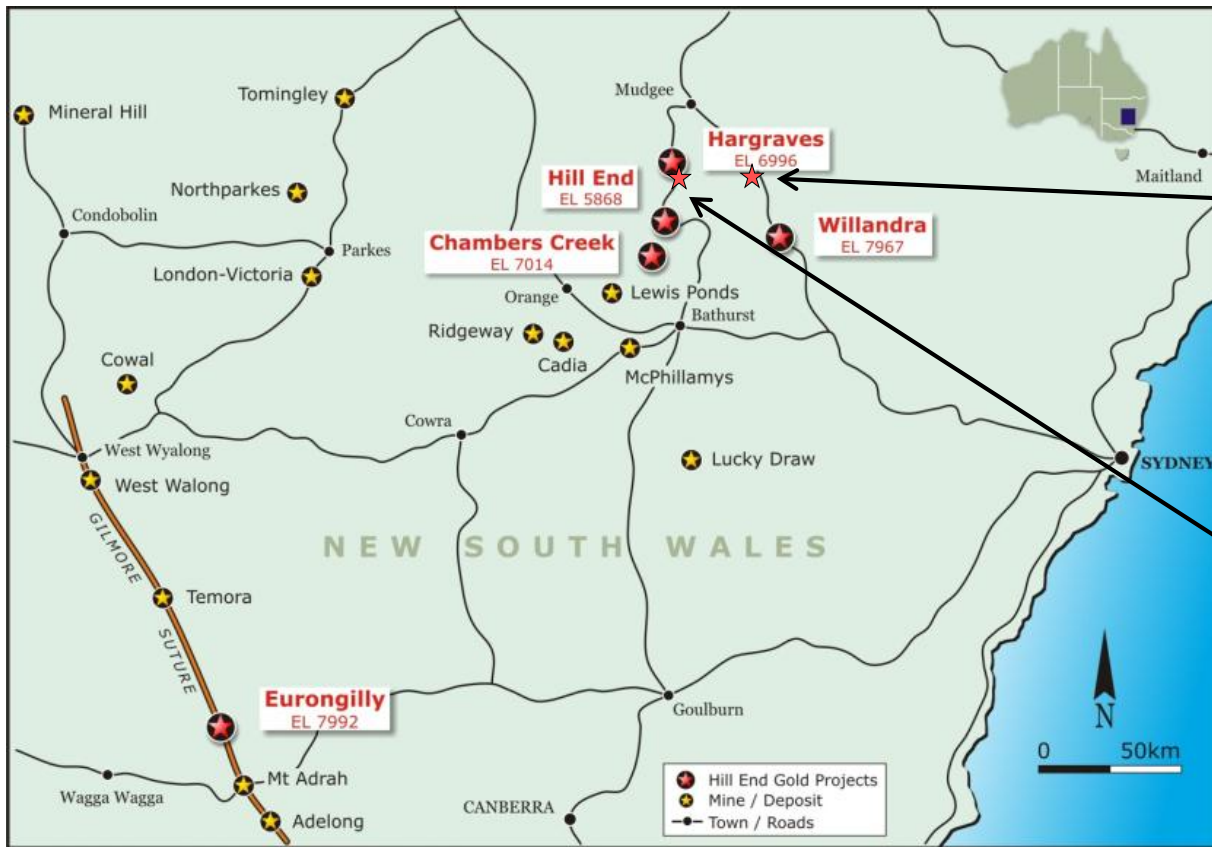
Big Nugget Hill  
Reward

0.5 g/t gold per block and inverse distance squared grade interpolation.  
1 g/t gold over minimum horizontal width of 1.1 metre and an inverse  
distance squared grade interpolation.

Red Hill

1 g/t gold over minimum horizontal width of 0.8 metre.

# NSW PROJECT LOCATION



Two new EL Applications:

ELA 4852 (Mt Margaret) - 26 km<sup>2</sup>

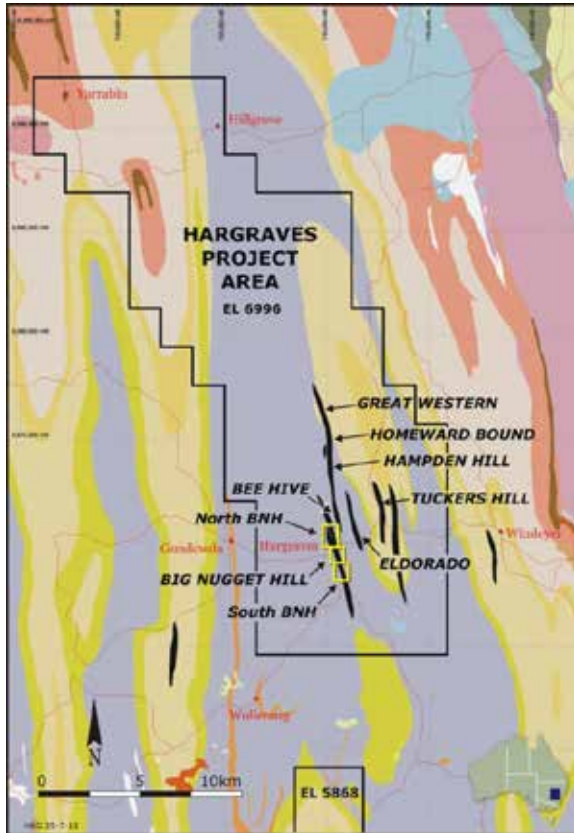
- Ø Eastern edge of the Hill End Trough
- Ø McPhillamys style target

ELA 4853 (Boiga) - 23 km<sup>2</sup>

- Ø Southern extension of Hargraves line-of-reef
- Ø No modern exploration

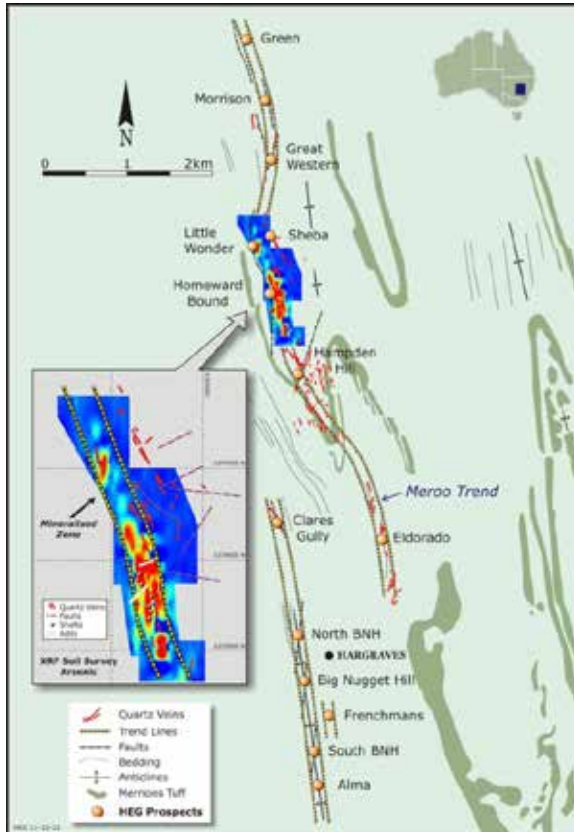


# HARGRAVES (HEG 100%)



- Ø Resource updated to 2.9 Mt at 2.7 g/t gold (245,000 oz gold) – total of Indicated and Inferred
- Ø Completed Pre-Development Study
- Ø Existing resource (Indicated and Inferred) optimised in two open pits (Central & South) has potential for 100,000 oz gold recovered over four years
- Ø Base case gold price of A\$1,450/oz
- Ø Production rate of 300,000 tpa
- Ø 94% gold recovery to gravity concentrate
- Ø North BNH cut-back not included in optimisation
- Ø Conceptual Project Development Plan lodged with DTI-R&E

# HARGRAVES EXPLORATION



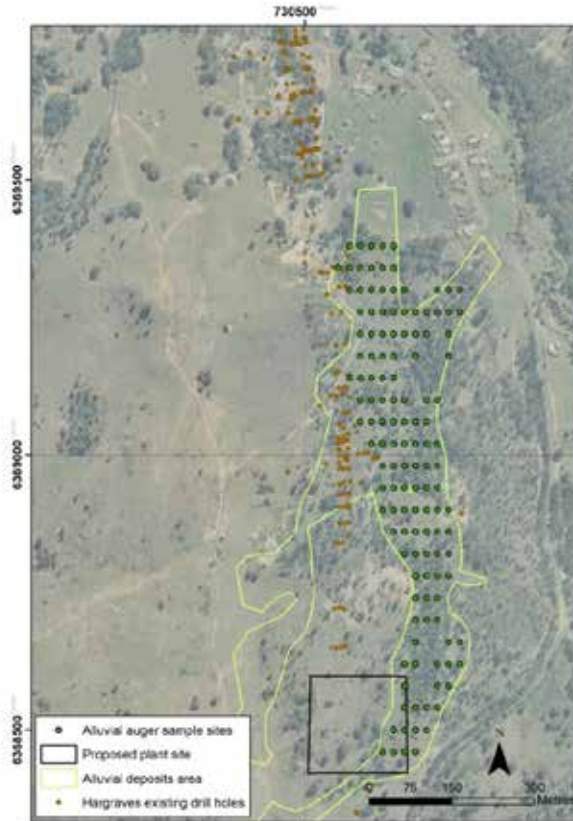
- Ø Resource extension possible at South BNH – drill plan approved
- Ø North BNH cut back not included in current pit design
- Ø Satellite extensions possible at Homeward Bound and Frenchman's
- Ø Pipeline of exploration targets being developed and tested - including ELA 4853 (Boiga) south of EL 6996 (Hargraves)

# HARGRAVES BASELINE STUDIES



- Ø Baseline studies continue to collect background data
- Ø Dust, weather and ground water monitoring continue
- Ø Environmental and heritage studies completed by OzArk Environmental and Heritage Management – no environmental or heritage concerns raised that are unable to be managed
- Ø Additional studies planned to test ground water (aquifer interference study)
- Ø Design for Hargraves plant has been completed – including location for a ROM stockpile, crushing, milling, gravity separation and administration

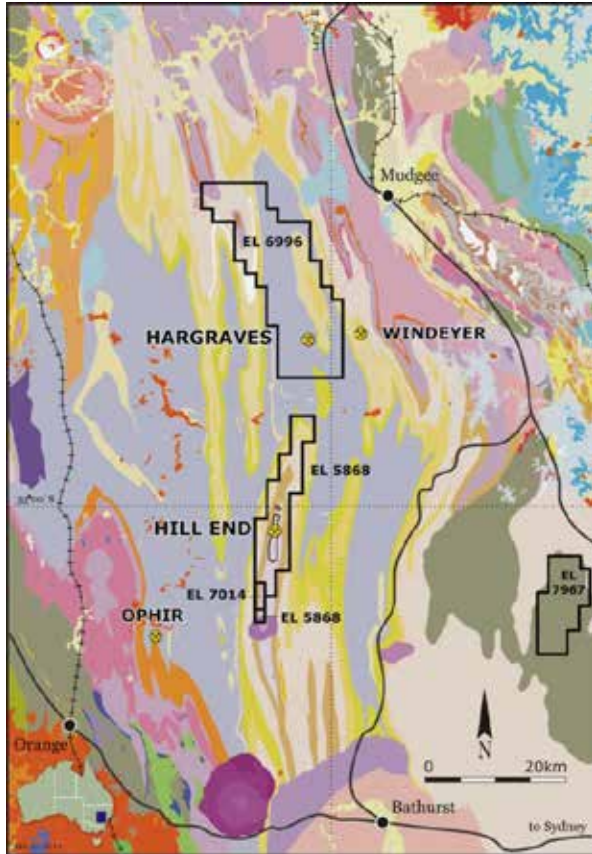
# HARGRAVES SITE STUDIES



## Alluvial sampling program

- ∅ 133 auger drill holes – 40 x 20 metre spacing
- ∅ 82 samples contained visible gold – gold assay of concentrate by Leachwell
- ∅ One test pit - 12 t sample gravity concentrated, gold recovered and weighed
- ∅ Alluvium averages 0.1 - 0.2 g/m<sup>3</sup> gold
- ∅ Unlikely to be commercially viable
- ∅ Preliminary plant site allows for possible extension of South BNH

# HILL END (HEG minimum 85%)



## Hawkins Hill – Reward Scoping Study:

- Ø Review resource and possible extensions, particularly at shallow levels
- Ø Update existing resource to JORC (2012) from JORC (2004)
- Ø Conceptually design a mine plan based on bulk mining targets
- Ø Identify drill targets with high probability of a commercial resource that is mineable underground

# HILL END REGIONAL EXPLORATION



- Ø Mares Nest drill target established from mapping, rock chip sampling and soil geochemistry
- Ø Red Hill review – possible satellite for Hargraves
- Ø Work has started on Chambers Creek

