

# Diggers & Dealers 3 - 5 August 2015 Kalgoorlie, WA Martin Purvis, CEO & MD

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## Operational Portfolio



#### FY2015: Milestones

- Karouni becomes next chapter in the Troy story.
- Infill drilling programme at Smarts and Hicks confirms robust mining reserve and triggers green light for Project Development.
- Mining Agreement, Environmental Permit and Mining Licence issued for Karouni ~ opening the door for Mine Development to start in February 2015.
- Over 95% of Karouni Plant Construction completed by the end of FY2015.
- Voluntary delisting of the Company's securities from the Toronto Stock Exchange (TSX).
- Successful completion of two-tranche share placement and SPP raising \$35.5 million (after costs).



#### **Financial Overview**



Hedging (to June 2016)	Oz	Price (US\$/oz)
Gold	80,500	\$1,198.92
Silver	1,373,000	\$17.68
Gold equivalent <sup>2</sup>	99,026	\$1,219.72

	LBITER (QIII)	04.0	20.1	1 4/ / 1
	NPAT (\$m)	18.6	$(59.1)^3$	N/A
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Price Index	Maria Maria	Μ.		
90	Mysser Janes	\\	m	m
80	" who who	I May or	non	\ .m

—US\$ Silver ——Gold / Silver Ratio

Gold Production (koz) Silver Production (koz) 1,361.1 2,475.6 3,111.2 Gold Equivalent Production (koz) 127.1 132.9 121.8 Casposo C1 Cash Costs (US\$/oz) ~ Co-product basis 825 735 688 Andorinhas C1 Cash Costs (US\$/oz) 799 856 889 EBITDA1 (\$m) 64.0 29.7 N/A

**FY13** 

103.0

FY15

78.0

**FY14** 

93.9

**Troy Resources Limited** 

**Key Statistics** 

EBITDA is Earnings before interest, income taxes, depreciation and amortisation and non-cash impairment charges

Based on Au:Ag ratio 1:741

After Karouni impairment charge of \$61.4m

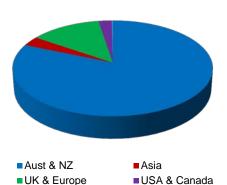
## Key Financial Data & **Corporate Overview**



Major Shareholders			
Westoz Funds Management	7.3%		
Renaissance Smaller Companies	6.3%		
Board and Management	5.7%		



Retail & Other



Institutional

#### Troy Resources Limited (ASX:TRY)



Share Price:	A\$0.33	Listed:	26 Feb 1987
Market Cap:	~A\$96m	Cash <sup>1</sup> (30 J	u <b>ne):</b> A\$59.8m
Shares on issue:	290.1m	Debt <sup>2</sup> (30 Ju	<b>ine):</b> A\$100.8m

**Board** 

David Dix (Non-executive Director)

Fred Grimwade (Acting Chairman)

Martin Purvis (CEO & Managing Director)

Ken Nilsson (Exec Director, Project Development)

John Jones (Non-executive Director)

Richard Monti (Non-executive Director)

#### Management

Peter Doyle (VP Exploration & Business Development)

**David Sadgrove** (Chief Financial Officer)

Andrew Storrie (Chief Operating Officer)

Stacey Apostolou (Company Secretary)

Pursuant to the Investec Facility, the Company is required to maintain a minimum liquidity of A\$15m at all times. Based on 30 June 2015 year end.

Comprises drawn amounts under the Investec Bank and ICBC (Argentina) S.A. debt facilities at 30 June 2015.

#### Karouni

#### The Next Chapter in the Troy Story



- English speaking.
- Part of the Caribbean "Community".
- British Legal and Parliamentary System.
- Mining is governed by a modern mining act, same principles as Australia.
- Main industries:
  - Sugar cane, rice and rum
  - Tourism
  - Timber
  - Bauxite
  - Gold
- 30% Corporate Tax and Royalty 5-8%.
- Population of 740,000 largely confined to coastal areas.

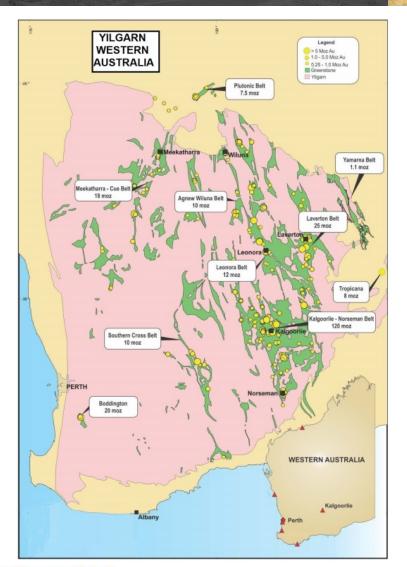
# Access – Guyana's Latent Potential



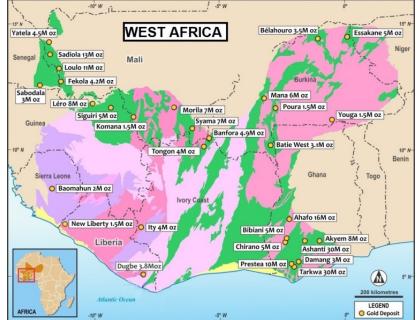
- Guyana's total "road network" is approx.
   4,000kms, of which only ~940kms is sealed.
- Remaining roads mostly logging tracks and trails in poor condition and subject to seasonal outage.



#### Looking to the Future



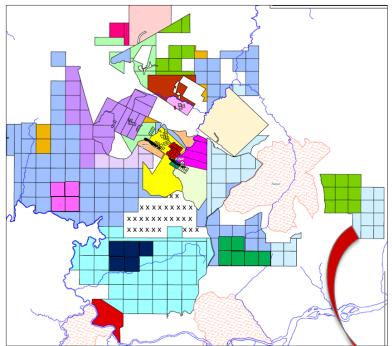




#### **Tenement Consolidation**

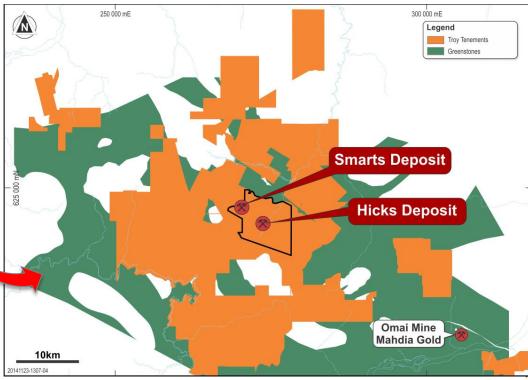


#### Putting together a patchwork quilt in the jungle



More than 20 individual private owners.

 Total consolidated land holding of over 1,000km<sup>2</sup> ~ as part of the Mining Licence process.



#### **Transported Cover**



#### Challenges and Benefits

- Guiana Shield is covered by a veneer of barren (white) sand that covers mineralised bedrock (dark).
- Very little modern systematic exploration under this thin cover.
- Surficial cover masks orebodies and underlying structures.
- Exploration targeting and types methodology similar to covered area terranes in West Australia and West Africa.



#### KPI's for Karouni



- Initial 3 year Open Pit mine life, with annual average gold production of ~100,000oz.
- Conventional CIL plant and gravity gold circuit treating a nominal 1Mtpa.
- Ore tonnes sourced: Smarts 68% (1,774kt @ 4.7g/t) and Hicks 32% (840kt @ 2.02g/t).
- Metallurgical recovery: 94%.
- AISC at "steady state" of ~ US\$630/oz.
- Build cost (Plant & Infrastructure) ~ US\$70M.
- 90% of drilling so far focussed on Resource and Reserve definition drilling at Smarts
   & Hicks.
- Smarts Underground potential "on hold".
- More than 30 "signature" targets over 60km of structural corridor to explore.

## Global Sourcing – Competitive Build Costs





# Karouni Project Development Milestones





#### 28 July 2014

First equipment arrives in Georgetown

#### 20 Oct 2014

Troy signs
Mineral
Agreement
with the
Government
of Guyana

#### <u>12 Jan 2015</u>

Troy receives finalised Environment al Permit for Karouni

#### 9 Feb 2015

Troy receives
Mining
Licence for
Karouni

#### 15 Feb 2015

Civil work starts on Plant construction

#### May 2015

General election and change of Government in Guyana

#### Aug 2015

Mill and Plant completion

#### Sept 2015

Wet commissioning

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## Early Days











## August 2013 – Troy Acquires Karouni







## **Equipment Mobilisation**











## **June 2014**





## **Construction Begins**









## February 2015







## Light at the End of the Tunnel













July 2015 – All major components completed except for the mill and thickener





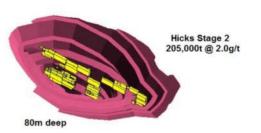


## Mining Underway







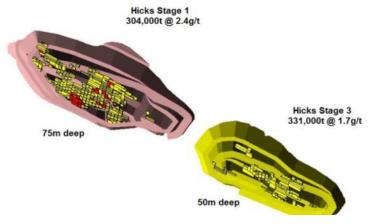


## TOTAL HICKS PITS

839,800t @ 2.0g/t containing 54,690oz

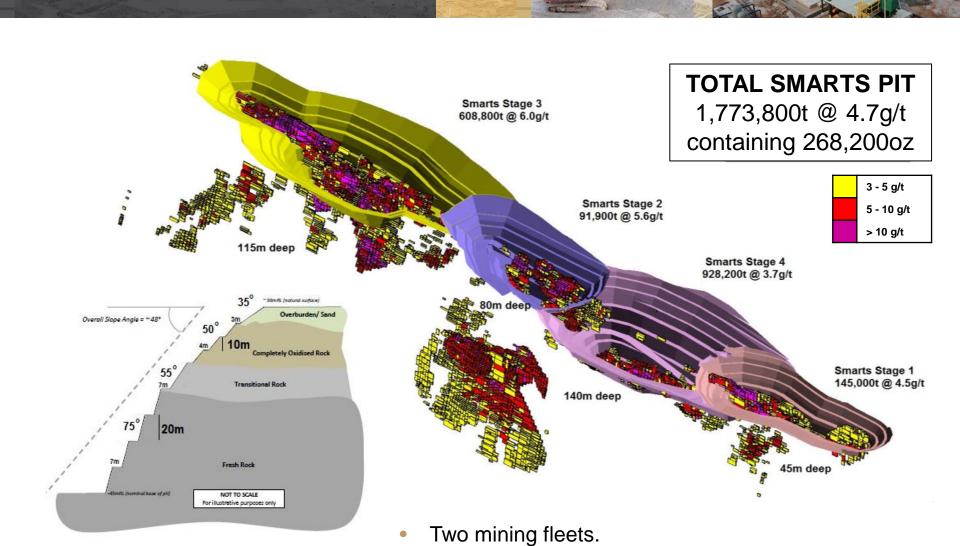


Tailings Dam



- Deposit outcrops to surface.
- Hicks provides oxide to blend with fresh Smarts ore.
- One mining fleet.

#### **Smarts Pit**



#### Exploration – Good to Go!



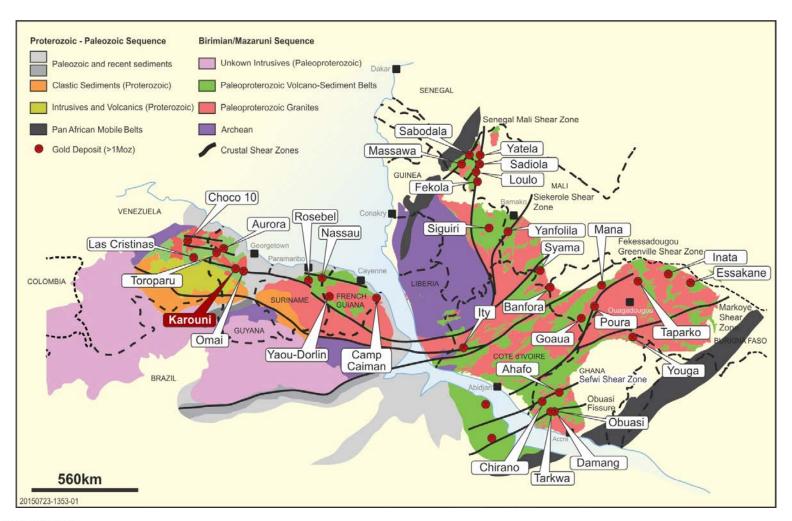
- \$12 million raised for FY2016 Exploration.
- 20,000m AC and RC contract awarded.
- Clearing and preparation currently underway to prepare access tracks and drill pads for over 950 drill hole collars for the first 5 targets.
- Mobilisation in August 2015 ~ Drilling starts in September at Whitehall South.
- Targeting based on extensive ground magnetics and multi element XRF, to "see through" surficial sand cover to define anomalies and focus in on prospective "signature" targets.



## Guyana – A Great Geological Address



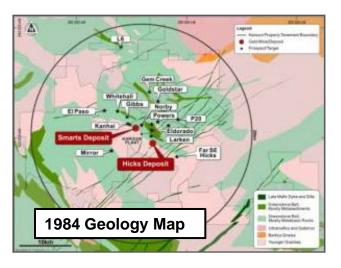
#### South America & West African Plate Reconstruction



## Evolution of Karouni Geology



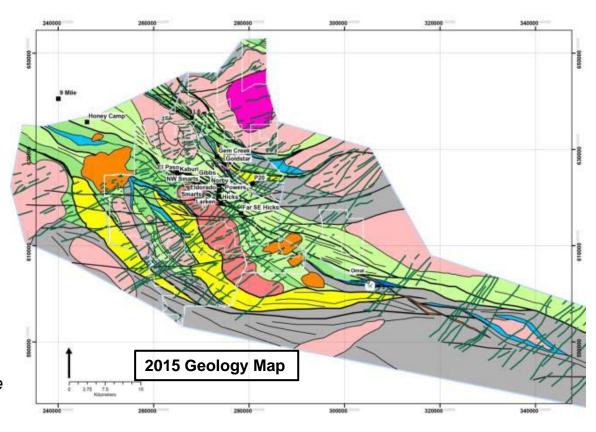
#### A Key to Discovery



#### **Signatures to Discovery**

Tectonic setting & Deformation

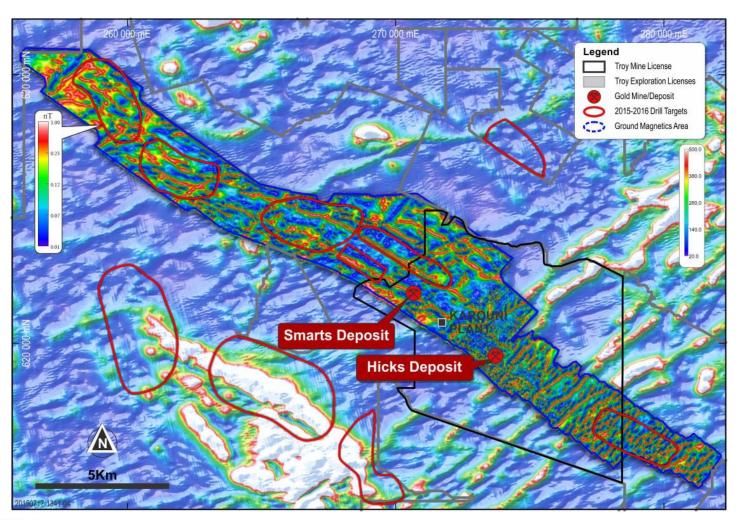
- Gold bearing shear zones
- Intrusives and alteration
- Prospective Rocks:
  - Volcano-Sedimentary package
  - Mafic units
  - Granites & Porphyries



## Karouni Exploration Model

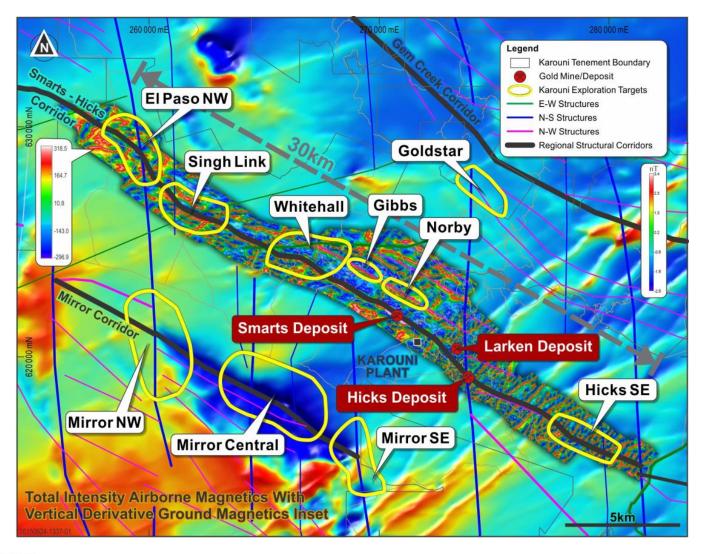


#### Magnetics Drives Exploration Effort



#### FY16 Brownfields Drill Targets



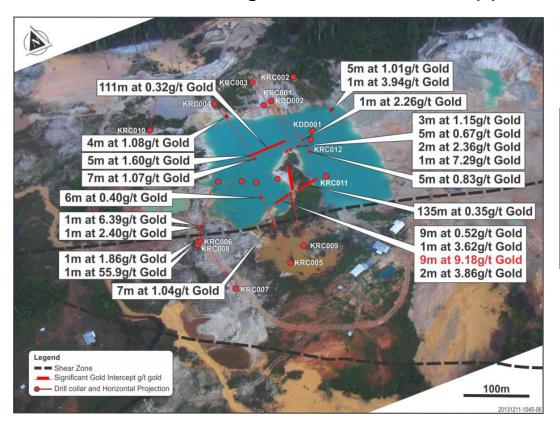


#### First Cab – Whitehall





#### An Established Target – Now a New Opportunity



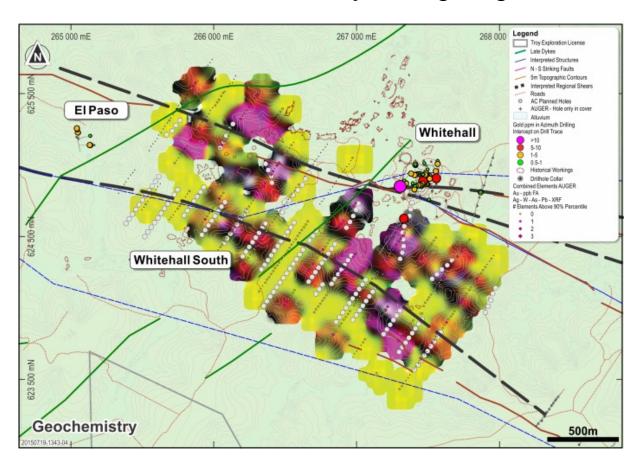


- Significant Alluvial workings and abundant coarse visible gold (Alluvial produced est. at +70,000 oz gold).
- New magnetic and XRF work has identified underlying shear structures and corridors which will now be tested.

#### Whitehall South Target



#### Multi-Element Geochemistry & Targeting Parameters



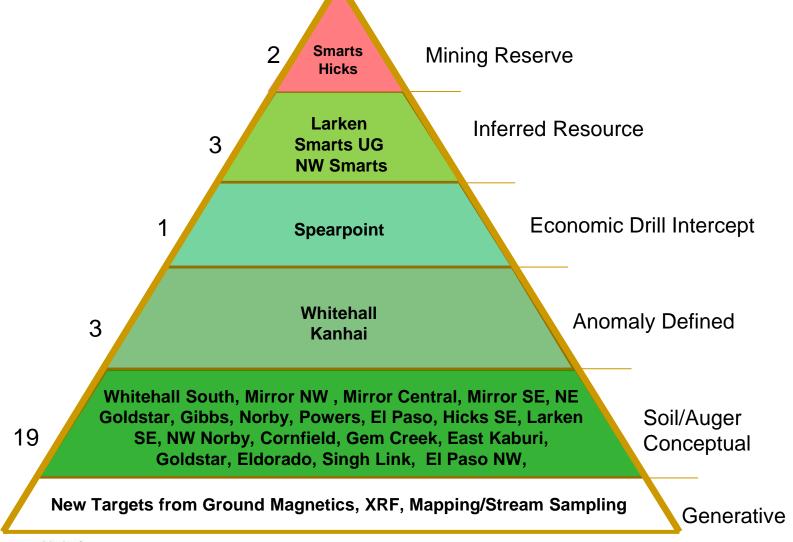
Key Target Parameters –

- Anomalous Au, W, Ag & As geochemical signature.
- Chromium enriched sediment host rock.
- Interpreted flexure in the Smarts-Hicks Shear.
- Intersecting of EW trending structure.
- Shear spatially associated with a granite body.

All key targeting elements characteristic of the Smarts Deposit.

### Karouni Project Pipeline





# Andorinhas – Winding Down in Brazil

- FY2008 FY2015 ~7 years.
- Project acquired with 126,300oz gold in Indicated and Inferred Resources.
- Exploration investment of US\$12.6M (85,764m drilling).
- 231,843oz of gold produced to date.
- Additional ~25,000oz from Coruja Pit and Shrink Stoping.
- Project cash flow to date US\$25.7M.
- Mine closure in Q3 2015.
- Community Development Legacy including;
  - Community health campaigns including providing freshwater for local schools and sponsorship for school recycling; provision of school equipment; an environmental park; a football stadium; rehabilitation of artesian mining activities; and a reforestation programme of more than 26,000 trees.



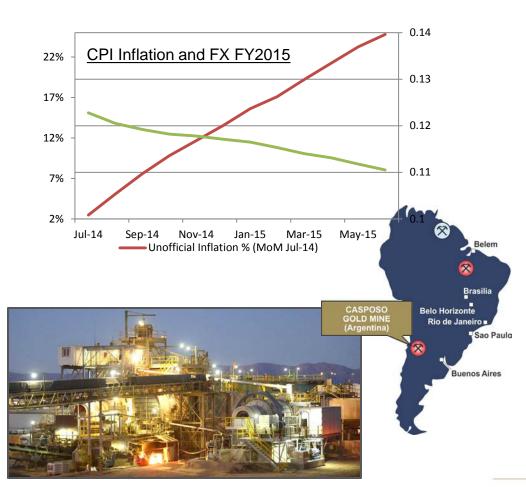


## Casposo



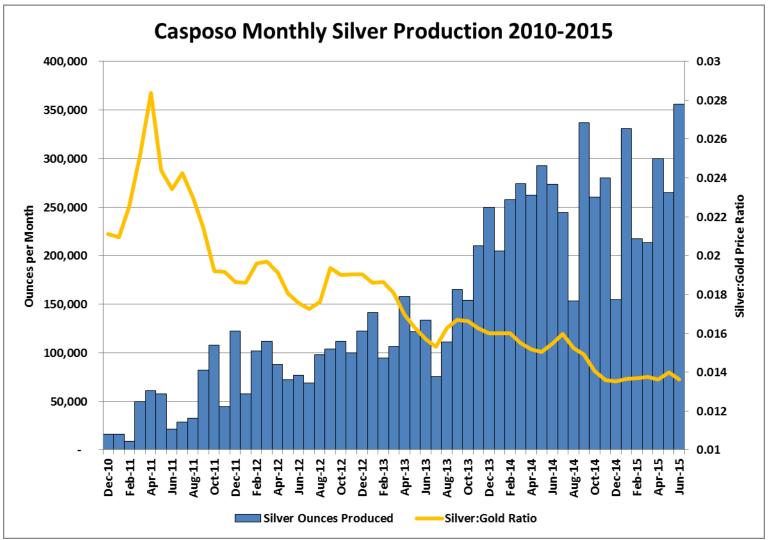
#### A Year of Strong Headwinds and Challenges

- Transition from Open Pit to Underground along with the training and development of a local Owner-Operate team.
- Progression from a gold rich mine to a silver rich mine.
- Industry wage settlements and inflation approaching 40%.
- Currency depreciation of ~10% against the US\$.
- Complex capital controls.
- Still produced 3.11Moz silver and 56koz gold at an Au\_Eq cash cost of US\$668/oz (co-product basis).



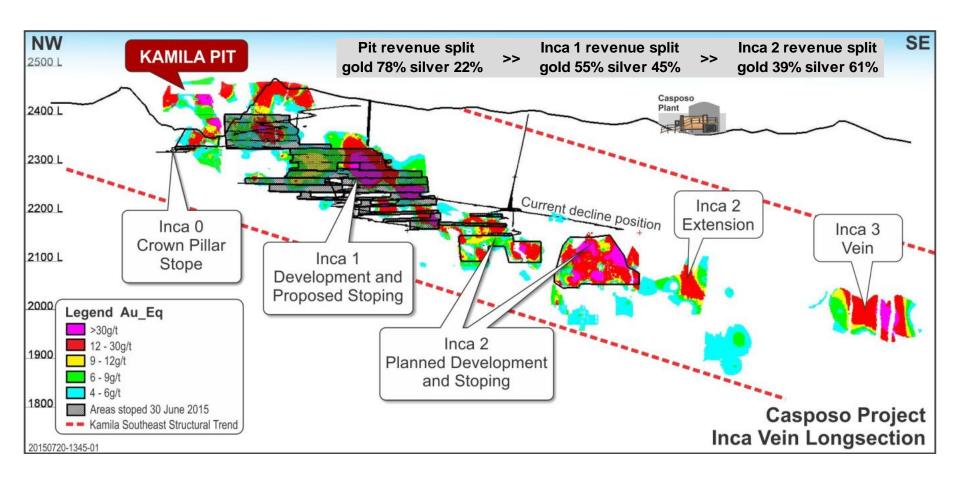
#### More Metal – Less Revenue





# The Next Stage of Inca Vein Development





#### Outlook



- After 2 years of Development Troy is weeks away from starting its first new mine in close to 5 years.
- Karouni is shaping up to be a simple, high margin gold operation with considerable expansion potential in a favourable mining environment.
- Troy will conduct an aggressive exploration programme over the 60km of prospective shear structures in a prolific greenstone belt for several years to come.
- With Karouni now "on its way" the focus is once again turning to a search for the next opportunity that will continue the Troy story.





#### **Qualifying Statements**



#### **Competent Person's Statement**

#### Karouni

The information in this presentation that relates to Exploration Results, Mineral Resources or Ore Reserves for the Karouni project is based on, and fairly represents, information and supporting documentation prepared by Mr Peter J Doyle, Vice President Exploration and Business Development of Troy, a Competent Person who is a Fellow of The Australasian Institute of Mining and Metallurgy and a "qualified person" under National Instrument 43 101 – "Standards of Disclosure for Mineral Projects". Mr Doyle has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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'. Mr Doyle consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. Mr Doyle is a full time employee of Troy.

The information relating to the Karouni Mineral Resource Estimate is extracted from the report entitled 'Smarts Deposit – Resource Update' created on 29 August 2013 (relodged 2 September 2013) and is available to view on <a href="https://www.troyres.com.au">www.troyres.com.au</a>.

The information relating to the results of the Karouni Preliminary Economic Assessment/Scoping Study is extracted from the report entitled 'West Omai Preliminary Economic Assessment and Scoping Study' created on 21 January 2014 and is available to view on <a href="https://www.troyres.com.au">www.troyres.com.au</a>.

The information relating to the results of the Karouni Pre-Feasibility Study is extracted from the report entitled Karouni Open-Cut Pre-Feasibility Study created on 28 July 2014 and is available to view on <a href="https://www.troyres.com.au">www.troyres.com.au</a>.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements relating to drill results, mineral resource estimates or studies and that all material assumptions and technical parameters underpinning the drill results and estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented here have not been materially modified from the original market announcements.