



# Troy Resources Limited UK Investor Update

April 2015



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## Location





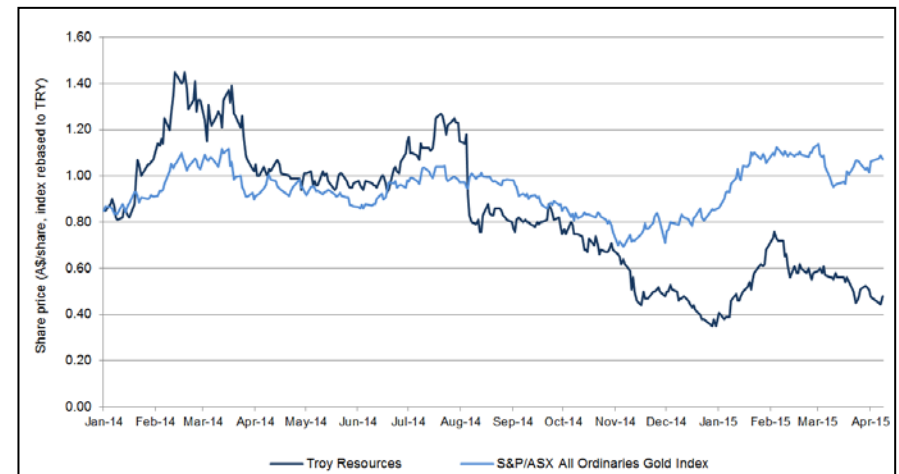
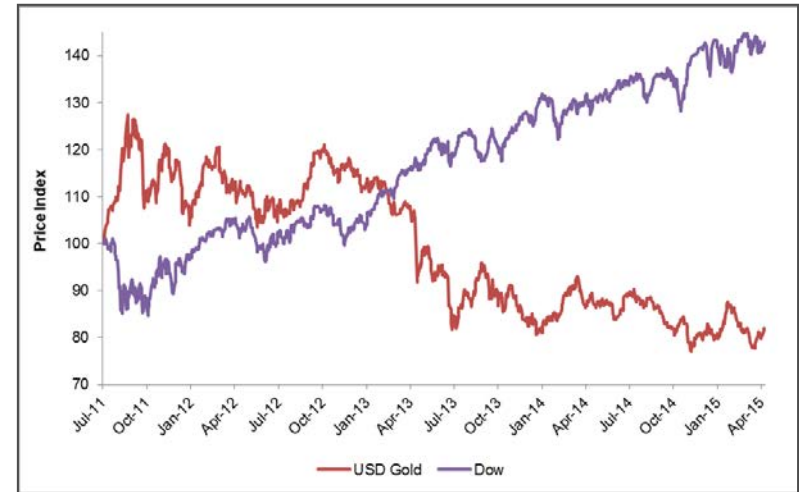
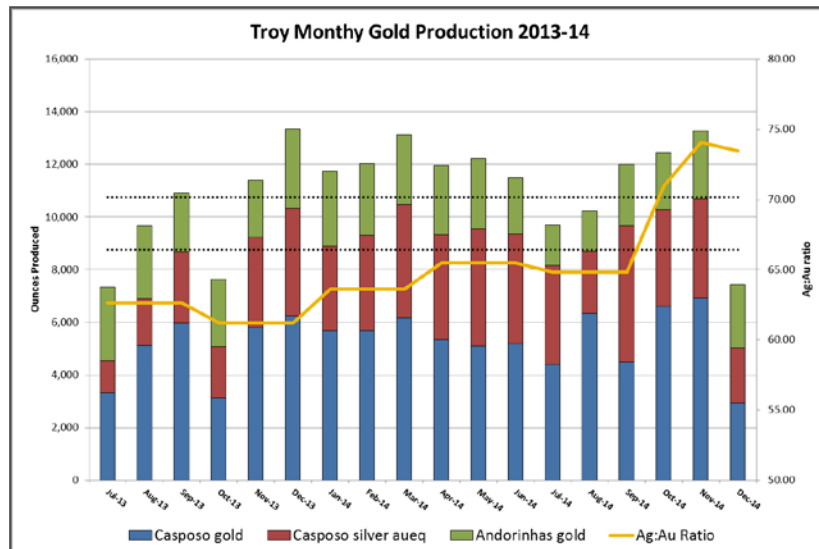
## An Eventful & Transformational Year...

- **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.
- Completion of PFS leads to arrangement of key debt funding package with Investec Bank.
- **Coruja** open pit at Andorinhas permitted and into production.
- Transition to full scale underground mining at **Casposo** complete.



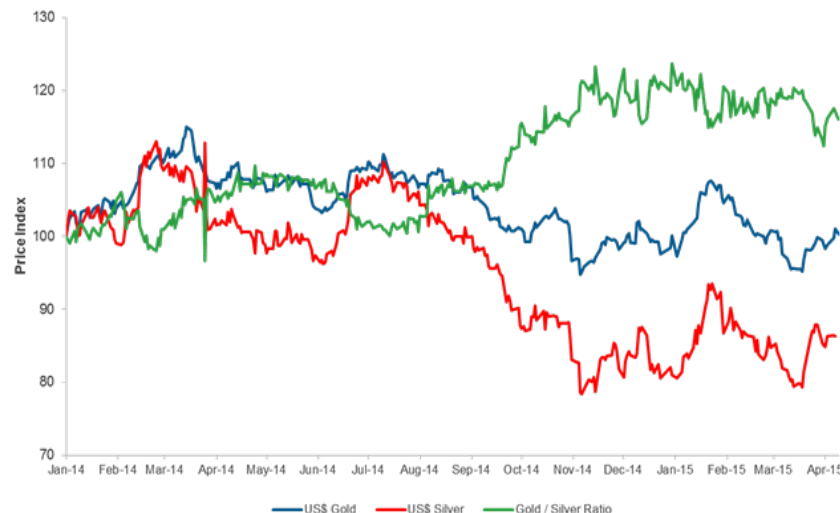
## With Challenges and Headwinds Each Step of the Way

- A resurgence in the US economy and US dollar.
- Evolution from Contract Mining to group-wide Owner Operate.
- New mining methods introduced at Casposo.
- Geo-political pressures.
- *But Troy has stayed on track and delivered against guidelines and schedules in 2014.*



## Financial and Operating Information

Key Statistics	FY13	FY14	HY15	Hedging (to March 2016)	Oz	Price (US\$/oz)
Gold Production (koz)	103.0	93.9	44.3	Gold	80,500	\$1,203.35
Silver Production (koz)	1,361.1	2,475.6	1,429.6	Silver	1,373,000	\$17.75
Gold Equivalent Production (koz)	127.1	132.9	65.0	Gold equivalent <sup>2</sup>	99,261	\$1,221.47
Casposo C1 Cash Costs (US\$/oz) <i>~ Co-product basis</i>	825	735	668			
Andorinhas C1 Cash Costs (US\$/oz)	799	856	866			
EBITDA <sup>1</sup> (A\$m)	64.0	29.7	21.3			
NPAT (A\$m)	18.6	(59.1) <sup>3</sup>	(26.7) <sup>4</sup>			
<b>Debt Facility<sup>5</sup></b>						
Investec Bank						
- Tranche A	A\$m		70			
- Tranche B	A\$m		30			



1. EBITDA is Earnings before interest, income taxes, depreciation and amortisation and non-cash impairment charges
2. Based on Au:Ag ratio 1:73
3. After Karouni impairment charge of A\$61.4m
4. After Casposo impairment charge of A\$28.0m
5. Revolving Corporate Loan facility

## Market Statistics

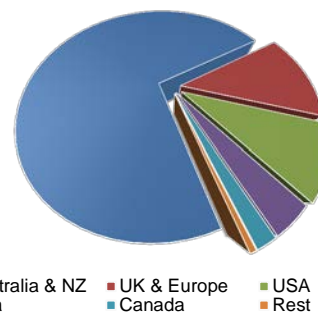
Date listed on ASX		5 March 1987
Date listed on TSX		25 January 2008
Share Price (ASX) 7 April 2015	A\$	0.50
Shares on Issue	m	195.3
Market Capitalisation	A\$m	97.7
Cash (31 Dec 2014) <sup>1</sup>	A\$m	29.2
Debt (31 Dec 2014) <sup>2</sup>	A\$m	71.1
Net Debt (31 Dec 2014)	A\$m	41.9



## Corporate Structure

### Share Capital

Ordinary shares	195,265,161
Investec Bank options	10,000,000
Employee Incentive Rights and Options	2,362,000
Top 20 Shareholders	46.0%
~ Directors and Staff	10.4%



### Top 5 Shareholders

Van Eck Global	7.8%
Warrigal Pty Ltd	5.4%
Dimensional Fund Advisers	3.0%
Ruffer	2.8%
90 West Asset Management	2.6%

- Pursuant to the Investec Facility, the Company is required to maintain a minimum liquidity of A\$10m at all times.
- Comprises drawn amounts under the Investec Bank and ICBC (Argentina) S.A. debt facilities.

- Underground mining scheduled to end in Q1 2015.
- Coruja Open Pit and stockpile treatment continues until June 2015.
- FY2015 guidance ~25,000oz gold.
- Very low closure costs.
- Continuous consultation with Community during closure process ~ Skills and equipment transfer within Troy Group wherever possible.
- AISC forecast to decline as open pit evolves and underground ramps down.





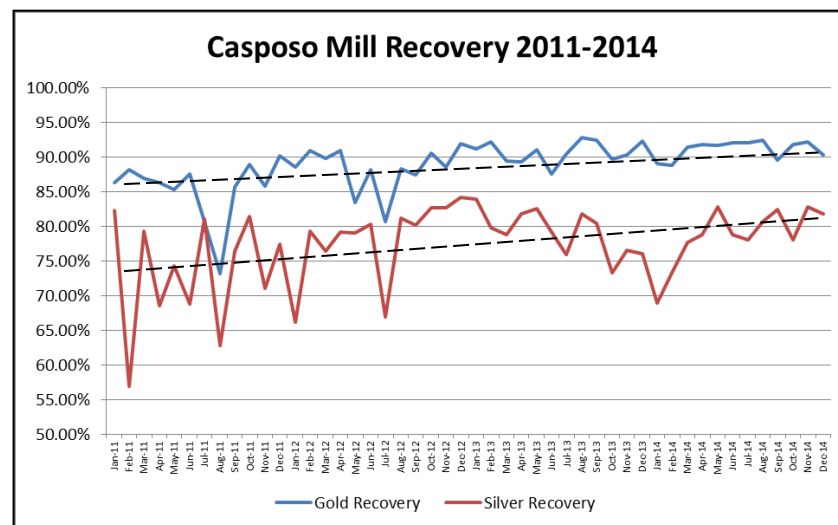
## Andorinhas Scorecard

- 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 Stopping.
- Project cash flow to date US\$25.7M.
- 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.*

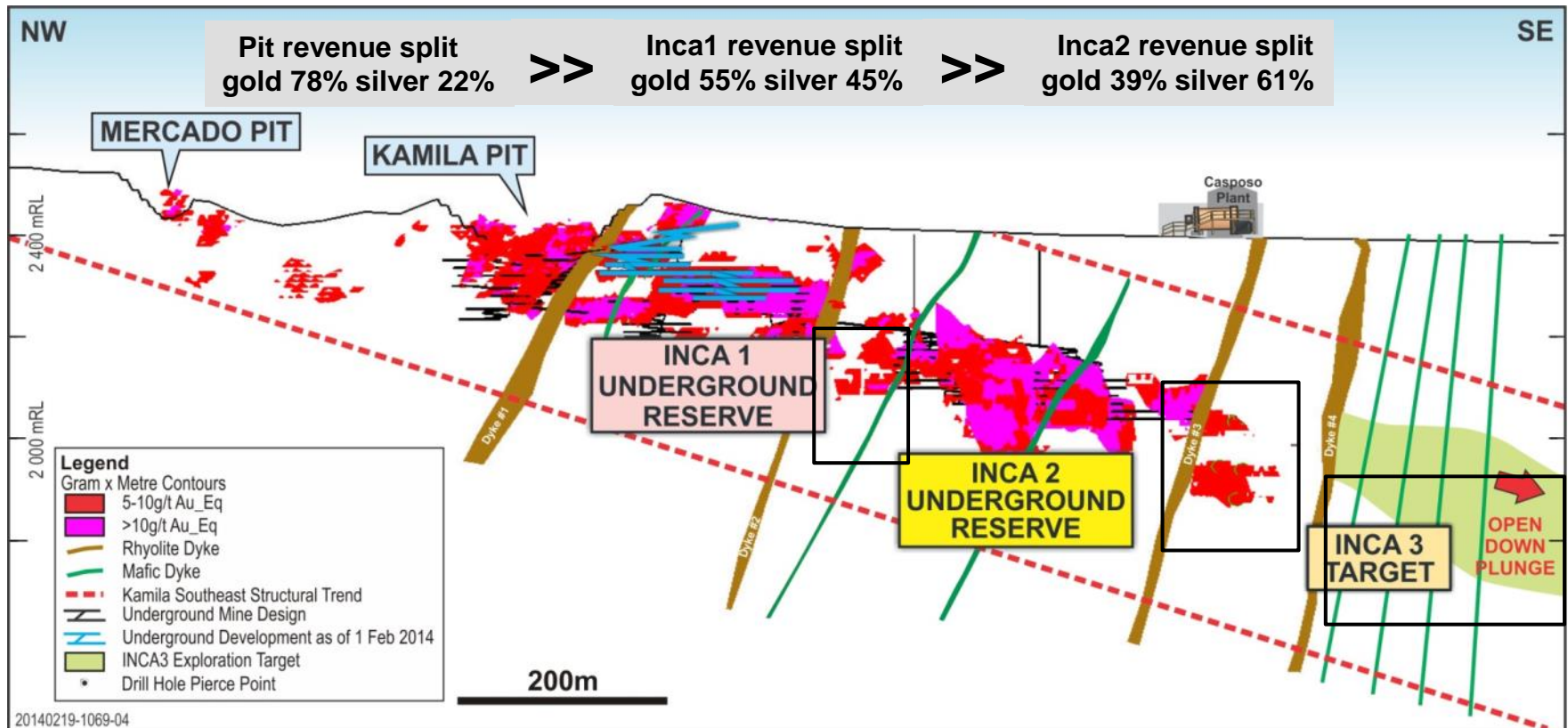


## Casposo Operational Highlights

- Successful transition from Open Pit to Underground Operations.
- Ongoing development and training of Owner-Operate Underground Mining Team.
- Record H1 gold equivalent production for FY15 of 53,715oz at C1 Cash Costs of US\$668/oz. (*co-product basis*)
- Improved plant recoveries through changes to the leach circuit with silver up 9% and gold up 2.3% after alterations.
- FY15 Guidance: ~ 60,000oz Au, ~ 3.76Moz Ag or, 115,500oz Au\_Eq (Au:Ag ratio 1:67).

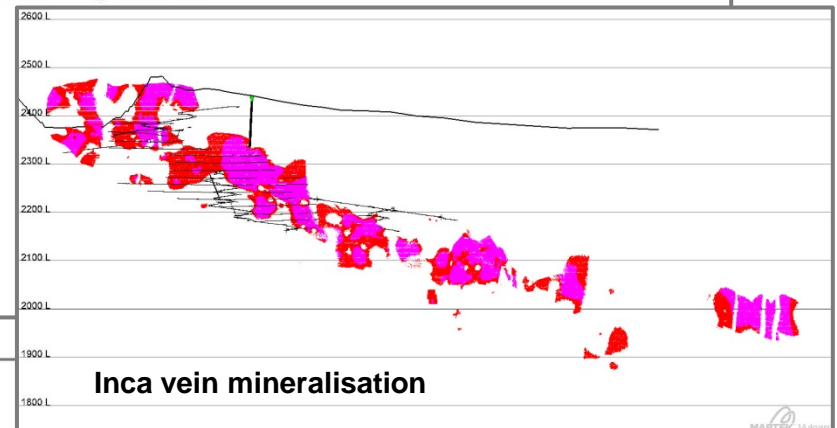
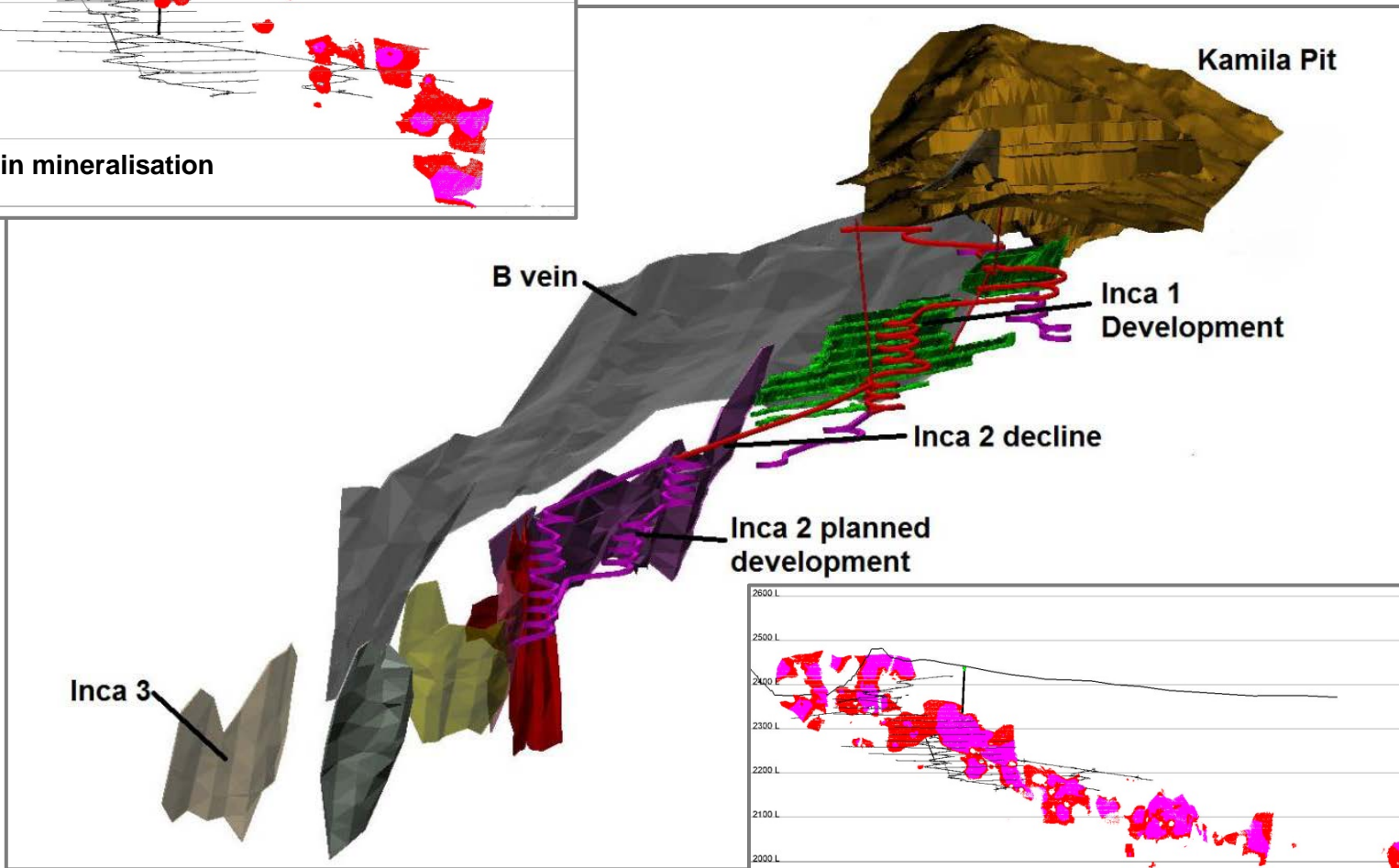
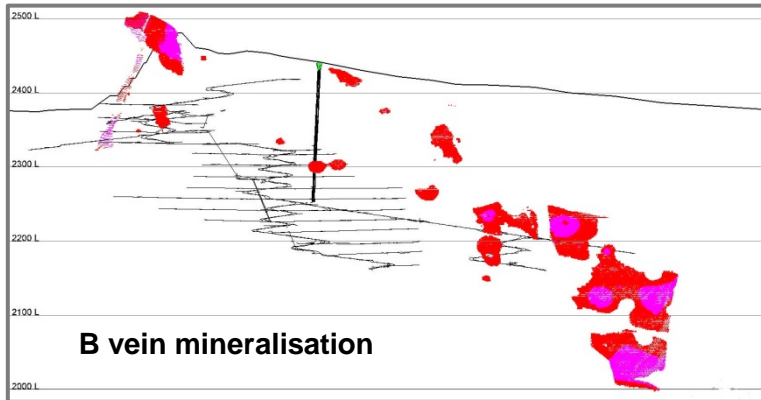


# Casposo Exploration Potential Along Strike to Southeast





## Mine Life Extension



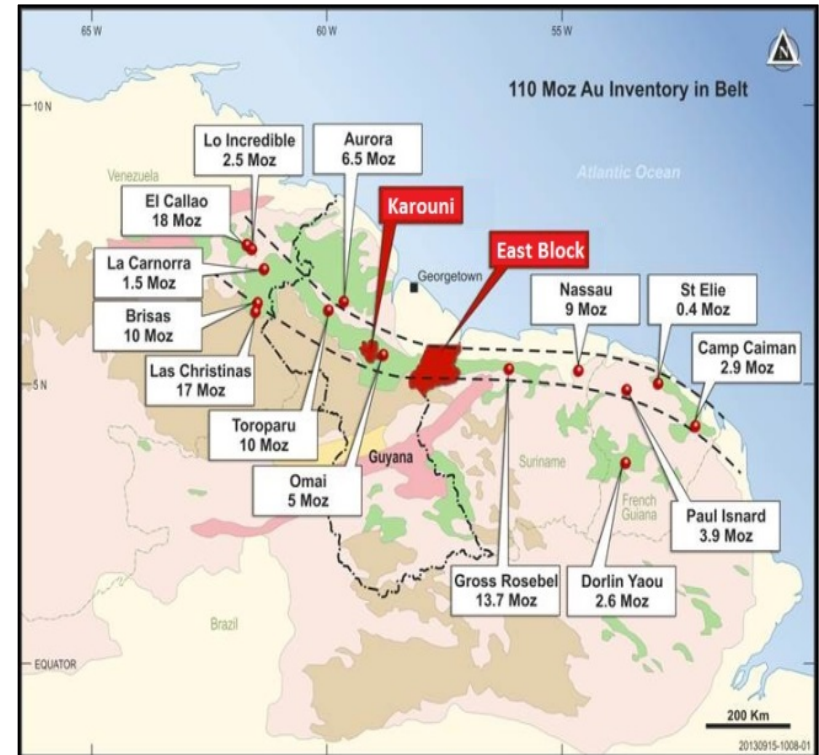


## Karouni ~ The New “Frontier”

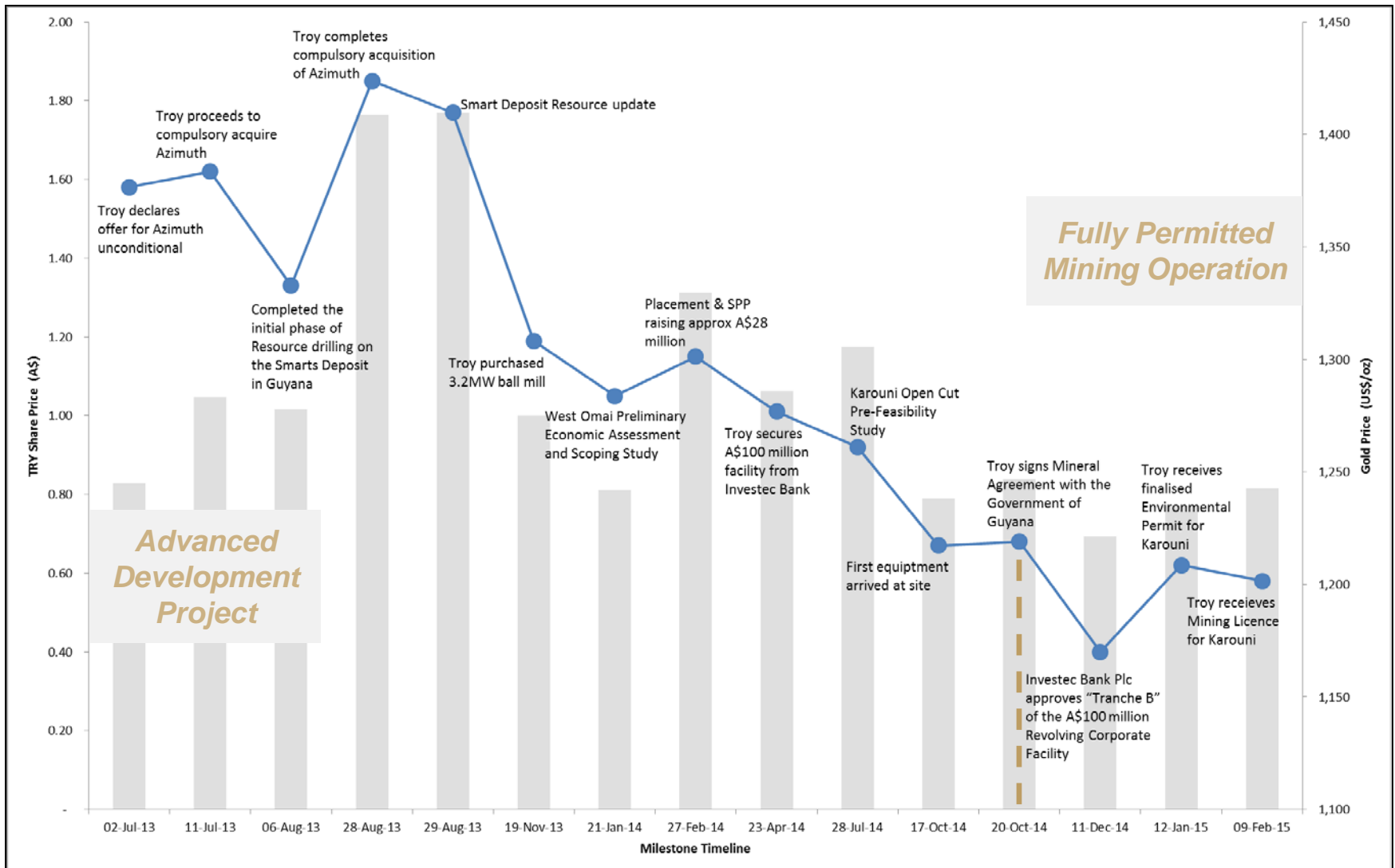


## Karouni ~ The New “Frontier”

- Long history of major finds and operations within the Guyana Greenstone Shield Belt.
- Significant areas unexplored by modern exploration techniques.
- Favourable political stand on mining investment.
- Significant evidence of large gold systems from Artisanal Mining.  
*~ over 500,000oz/annum from this source according to official government reports.*



# Karouni Project Development Milestones



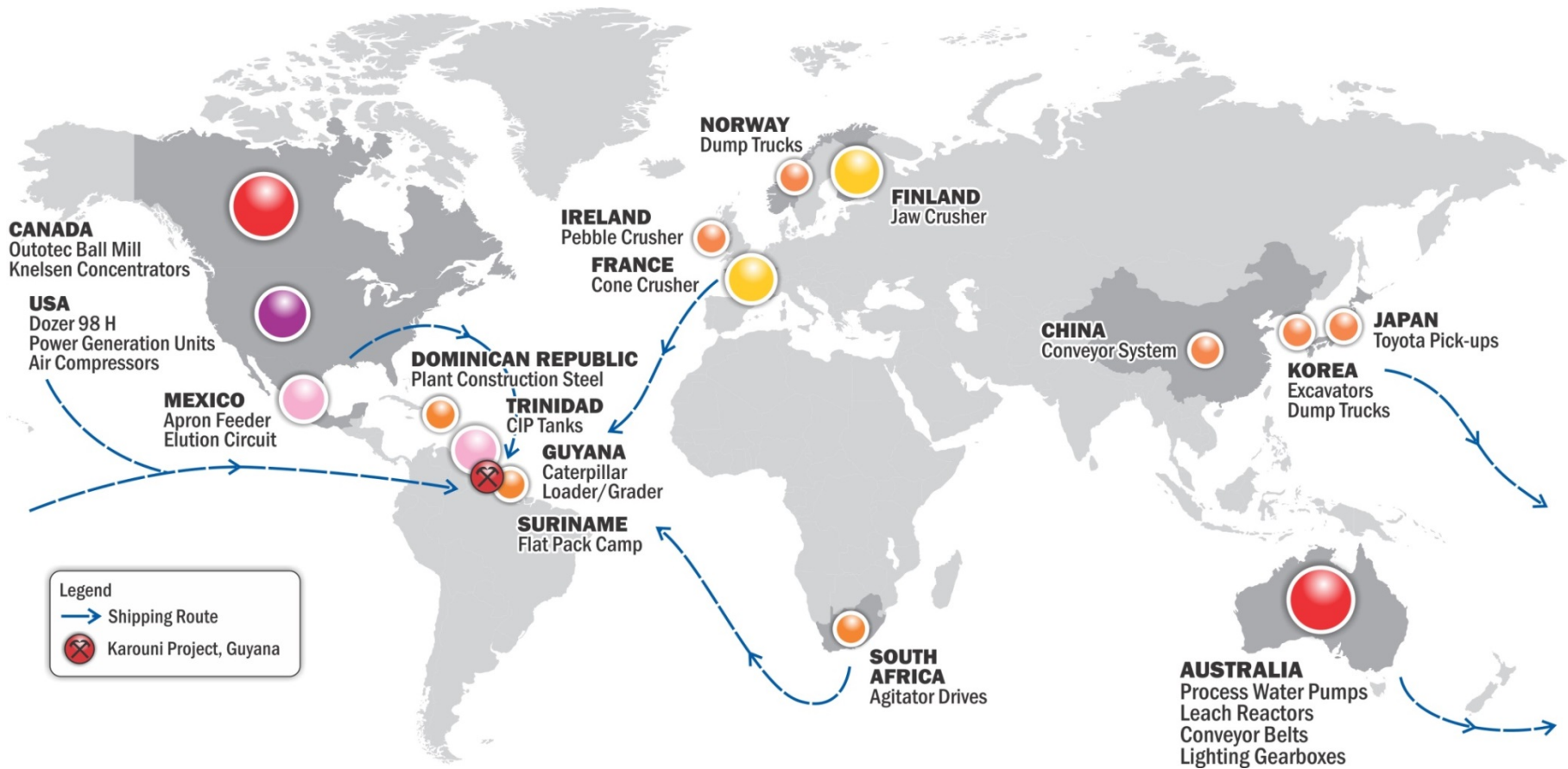
## Preliminary Feasibility Study – Open Cut Project Highlights (~US\$1,250/oz gold)

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- Initial, three 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**.
- Pre-strip Mining & Pit Development of ~ US\$11.3M.
- Annual Exploration Budget of ~ US\$8M.
- Smarts Underground potential “on hold”.



# Source Locations for Key Mine Equipment



## Karouni Development Underway



➤ Site preparation commenced 12 months ago, and...

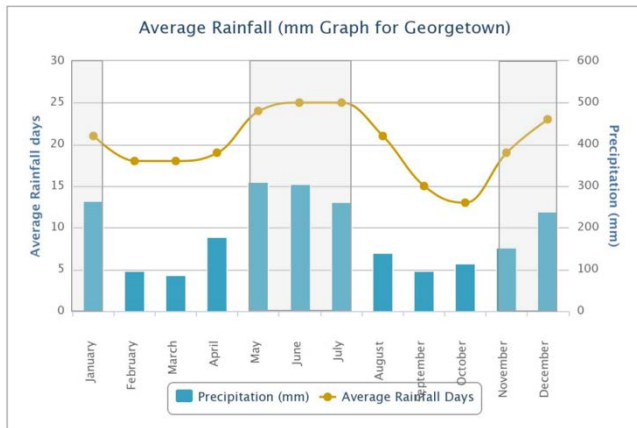
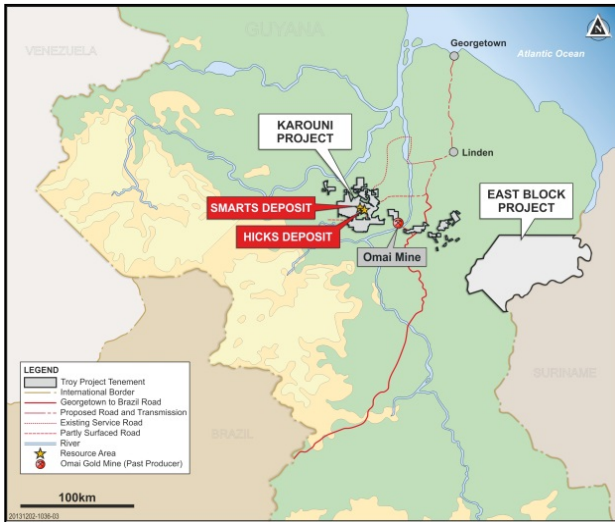


## Karouni Development Nears Completion

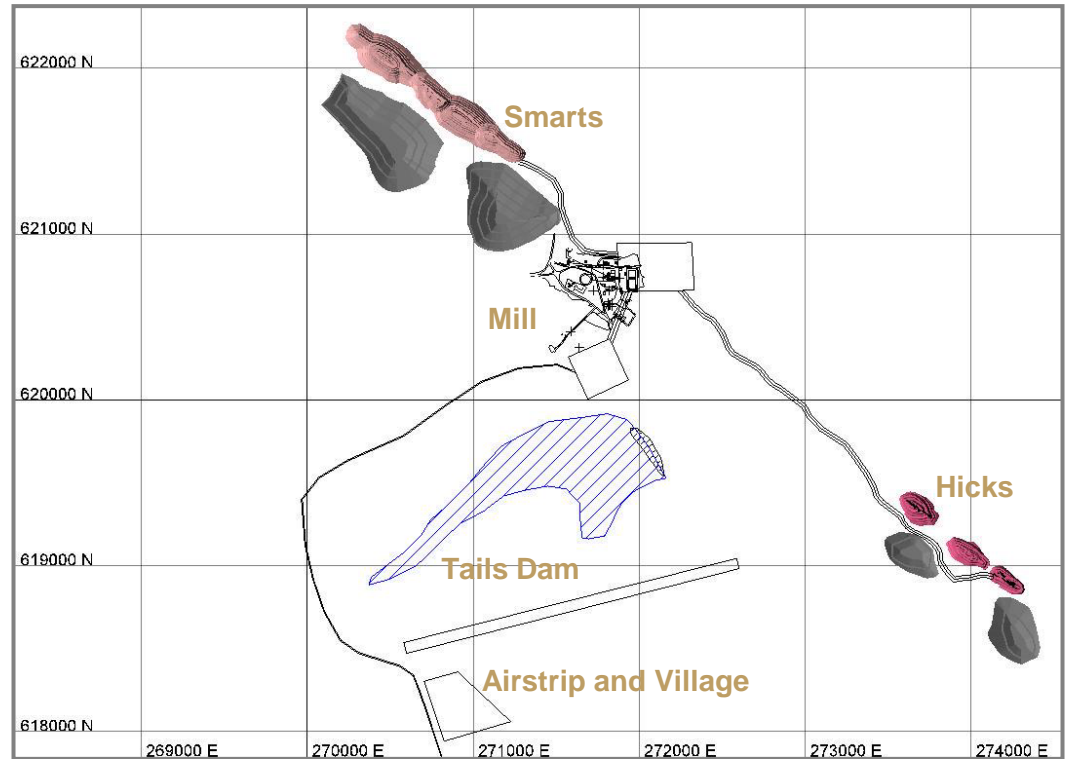


➤ Advanced Plant Construction and Open Pit Pre-Strip now in progress.

# Site Layout and Logistics

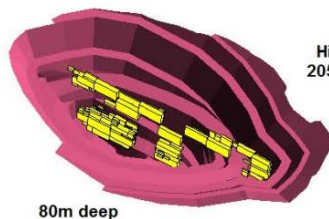


Note: Data reflects monthly rainfall statistics from 2000 to 2012.

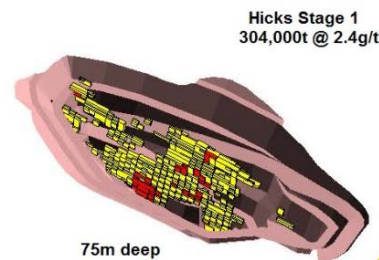




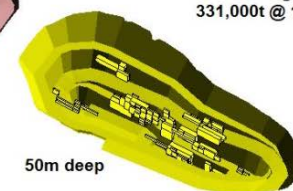
# Hicks Pit



Hicks Stage 2  
205,000t @ 2.0g/t



Hicks Stage 1  
304,000t @ 2.4g/t



Hicks Stage 3  
331,000t @ 1.7g/t

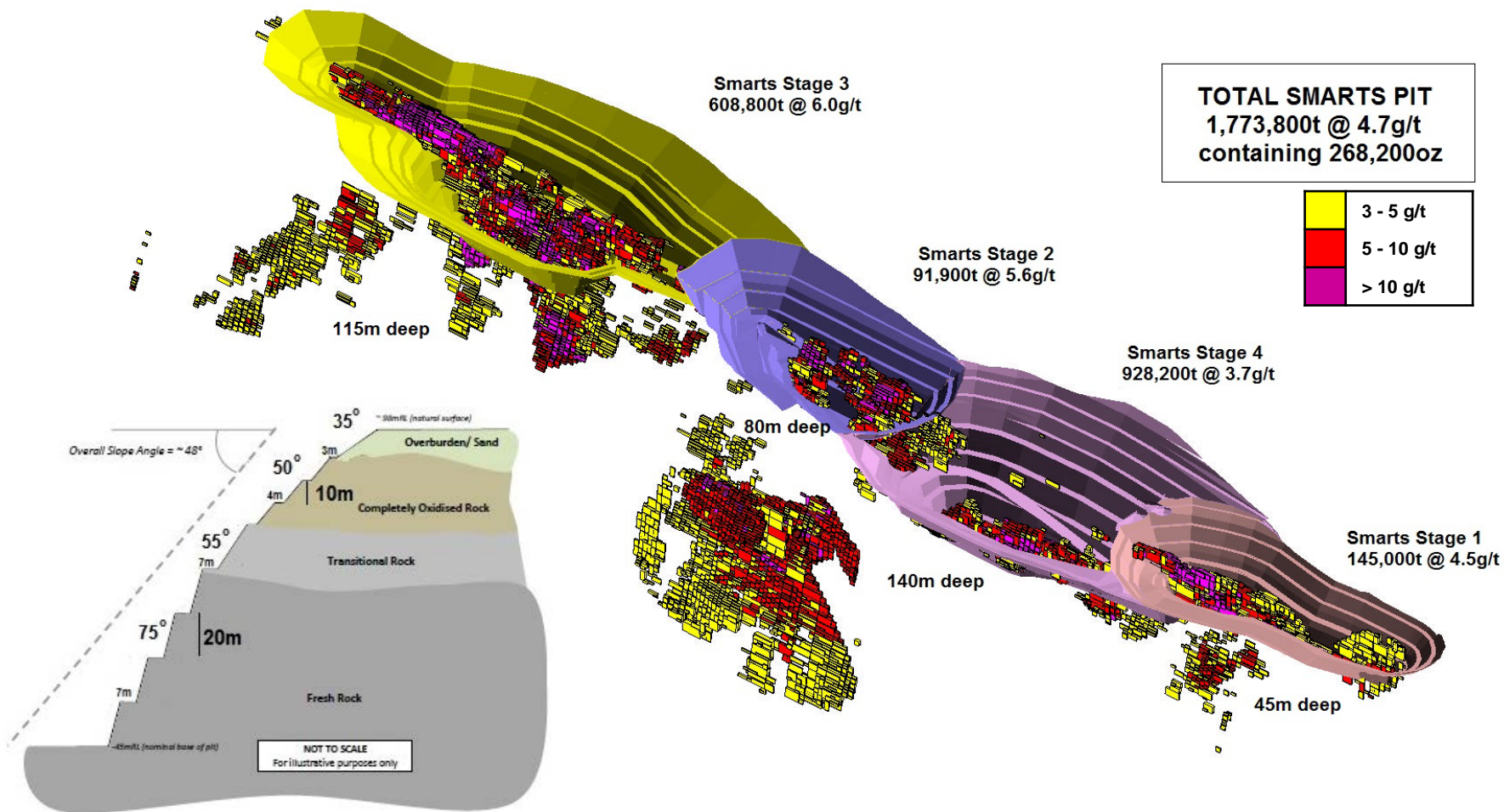
**TOTAL HICKS PITS**  
839,800t @ 2.0g/t  
containing 54,690oz

Yellow	3 - 5 g/t
Red	5 - 10 g/t
Pink	> 10 g/t



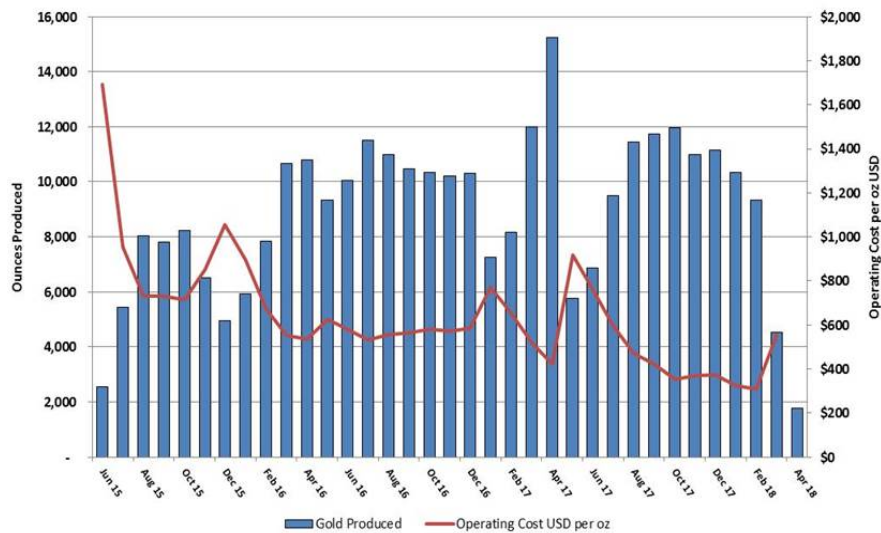
*Left: Tailings Dam*

# Smarts Pit

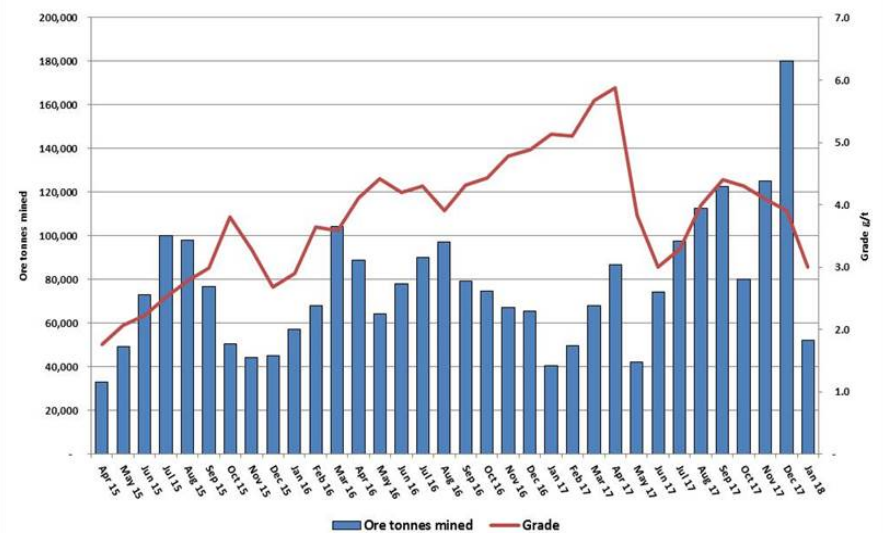


# Karouni Mining and Processing Schedules

**Karouni Ounces Produced and Operating Costs**

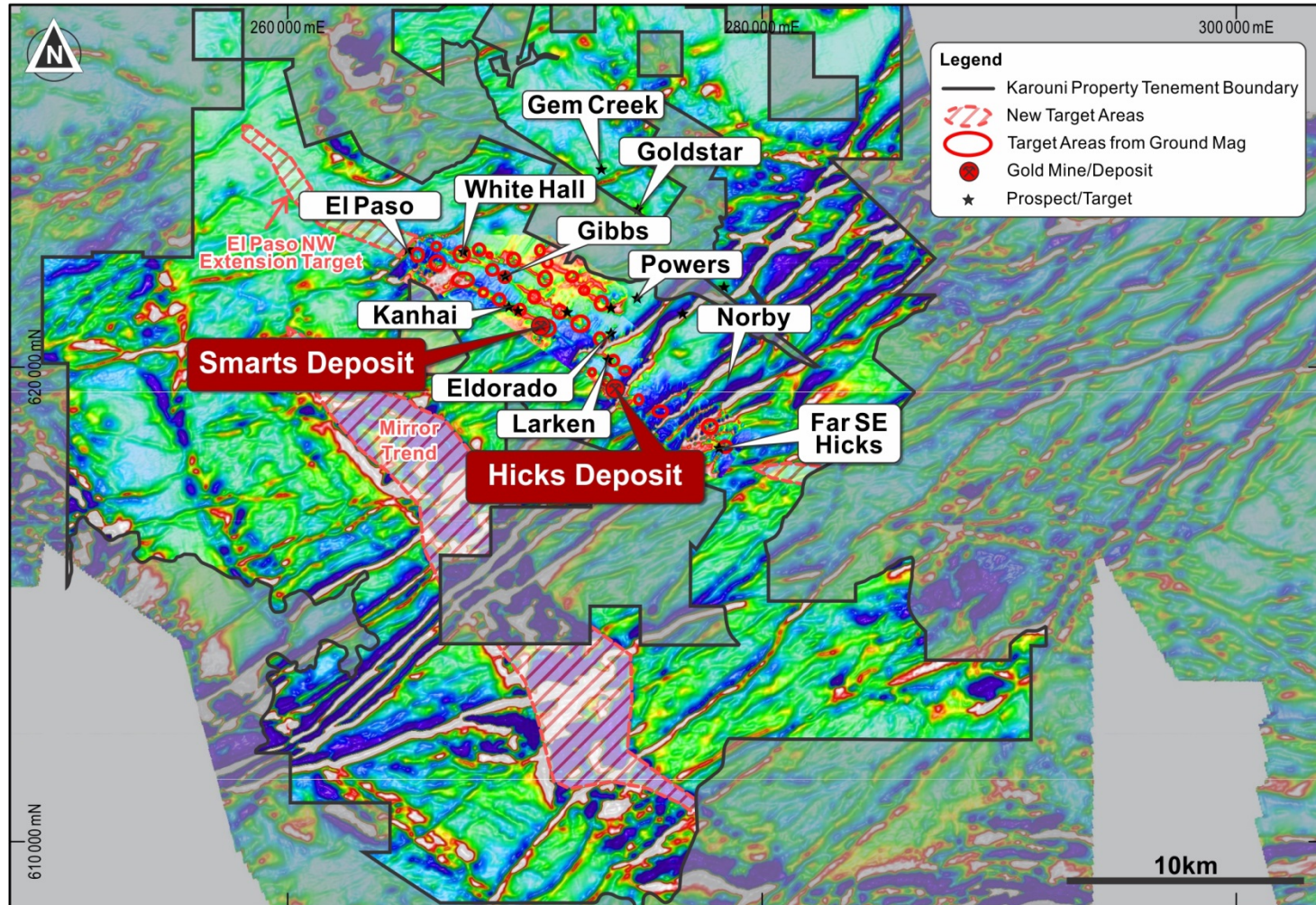


**Karouni Ore Mining Schedule**



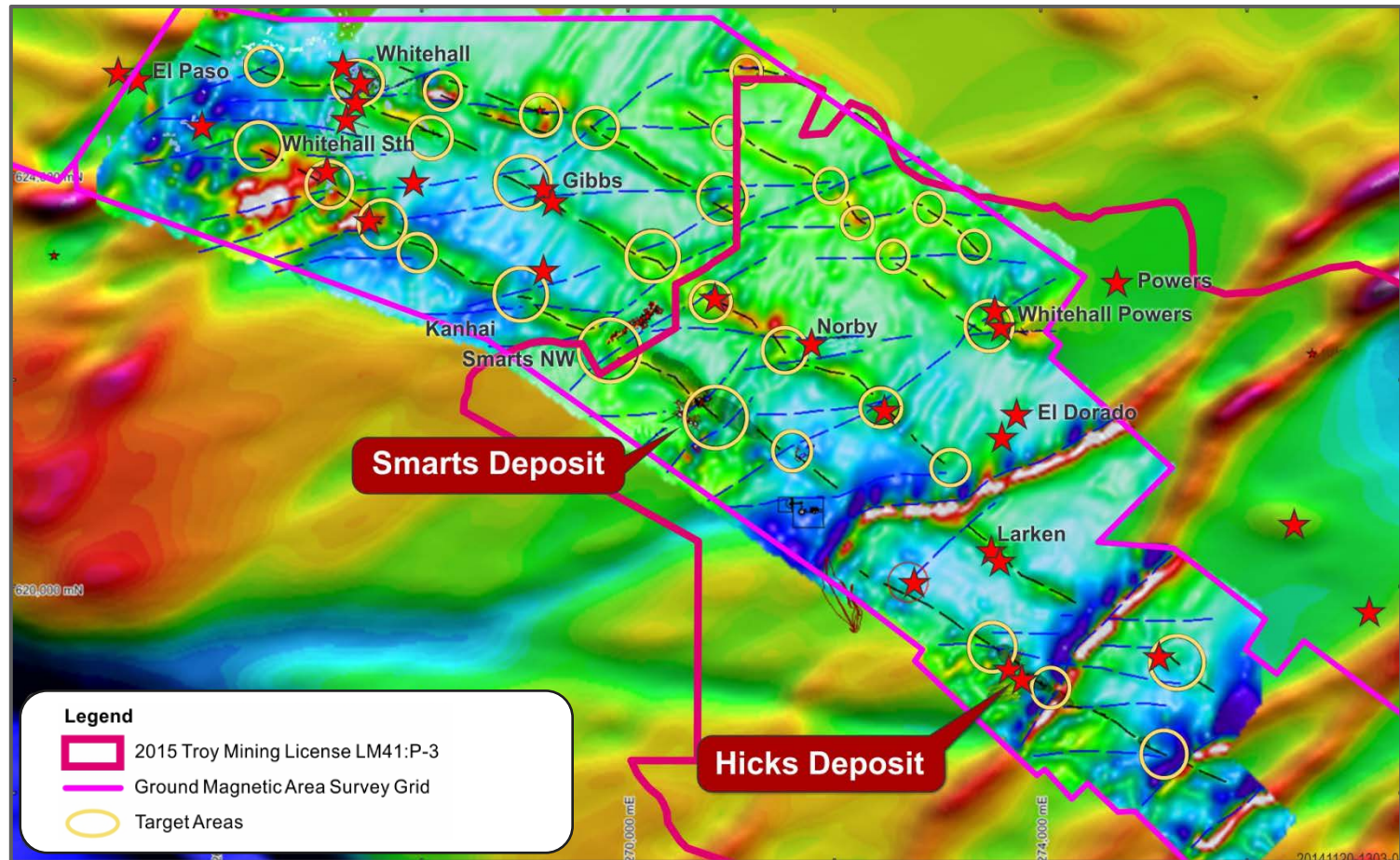


# Karouni Tenements and Target Areas





## Karouni Exploration Model



Smarts – Hicks Main Corridor Targeting  
New Ground Magnetics – Superimposed Over Aeromagnetics

- Troy has an excellent “toolbox” with which to efficiently operate and grow the business.
- Outstanding track record of targeting and acquiring gold projects and executing their development and expansion.
- Development of Karouni is forecast to increase annual Group output to over 200,000 Au\_Eq oz. in FY 2016.
- Casposo Underground reaching full capacity, but increasing dependence on silver production.
- AISC for the Group once Karouni reaches “steady state” of <US\$900/oz.
- Future “playground” for new targets and opportunities includes the Americas and Australasia.
- Continuous enrichment of the Troy Brand for adding sustainable value in the communities and regions in which we operate.

## 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 [www.troyres.com.au](http://www.troyres.com.au).

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 [www.troyres.com.au](http://www.troyres.com.au).

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 [www.troyres.com.au](http://www.troyres.com.au) and on SEDAR at [sedar.com](http://sedar.com).

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.



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