



Syrah Resources Limited

2013 Annual General Meeting Presentation



Melbourne 19 November 2013

Image: Core from Ativa Zone being logged at Balama



The year in summary – successfully ticking off the list to production

- ✓ Delivered the Ativa Indicated/Inferred resource of 51Mt @19.8% TGC. Stunning result for only one small portion of the Balama Project. More to come from Balama East and Mualia
- ✓ Confirmed simple metallurgy for processing: Both Graphite and Vanadium
- ✓ Delivered the Scoping Study for 220,000tpa of graphite production: Exceptionally robust numbers: Low capital cost of **US\$92m**, **mine gate cost of US\$102/t** and **FOB cost of US\$198/t**. The Feasibility study is expected within a month
- ✓ Strengthened the Board and Management team, assembling a construction team. Applied for Mining Lease, preparing Balama site for construction
- ✓ Discussions well underway for financing plant and off-take agreements
- ✓ All of the above has de-risked and validated the potential of the Balama Project

Syrah has delivered on all critical aspects to develop the Balama graphite project in Mozambique



Scoping Study results

- ✓ The Scoping study, undertaken by Snowden Mining Industry Consultants, has delivered and confirmed an exceptionally robust financial outlook for the Balama project:
 - ✓ Low capital cost of US\$92 million, Mine gate cost of US\$102/t, FOB costs of US\$198/t at the port of Pemba. The projected operating costs are bottom of the cost curve for graphite production
- ✓ High grade ore and simple metallurgy leads to a simple plant design. Equipment components are off the shelf, meaning straightforward construction with minimal technology risk at the commissioning phase
- ✓ Favourable infrastructure is assisting strong project economics – water, roads, power, port
- ✓ Only 1.2 Mtpa of mining required to produce 220,000 tpa of graphite concentrates

Project economics are compelling due to high grades, simple metallurgy and favourable infrastructure



Significant Milestones Achieved to Date

General

November 2011
Acquisition of Southeast Africa exploration portfolio – including the Balama Project

January 2013
Maiden Balama West Resource

June 2013
Balama Scoping Study completed

May 2013
Maiden Balama East Resource

Q3 Q4 2013

- Mining License applied for
- Pre-construction activities underway
- Water license secured
- Metallurgical testwork expanded
- Positive Vanadium metallurgy

Drilling

March 2012
Initial Balama metallurgical testwork indicates potential for 95%+ graphite concentrate

June 2012
Drilling confirms high grade coarse flake graphite at Balama and indicates northern extension

July 2012
Drilling at West Balama confirms continuous mineralisation

August 2012
Assays confirm high grade graphite and vanadium at Balama West

September 2012
Assays confirm shallow high grade deposit at Balama West – concentrate grade upgraded to 97%

Q3 Q4 2013

- Resource infill drilling continued
- Maiden inferred and indicated resource announced for Ativa

Q1 CY12

Q2 CY112

Q3 CY12

Q4 CY12

Q1 CY13

Q2 CY13

Q3 CY13

Q4 CY13

Q1 CY14

Infrastructure

December 2012
Sterilisation drilling undertaken to support site layout planning for infrastructure

June 2013
Substantial infrastructure progress regarding fast tracking project development

Q3 Q4 2013

- Discussions with equipment manufacturers. Bulk samples taken to prepare marketing samples
- Site surveyed for plant and infrastructure locations
- Exploration camp expanded for construction

Financing

December 2011
Institutional and sophisticated investors equity placement raises ~A\$2.1m to complete acquisition of the African tenement package of Jacana Resources Limited

April 2012
Institutional and sophisticated investors equity placement raises ~A\$6m to fund ongoing Balama drilling

October 2012
Institutional equity placement raises ~A\$16m to fund ongoing Balama drilling, Balama Scoping Study and Feasibility Studies and exploration at other African projects

Q3 Q4 2013

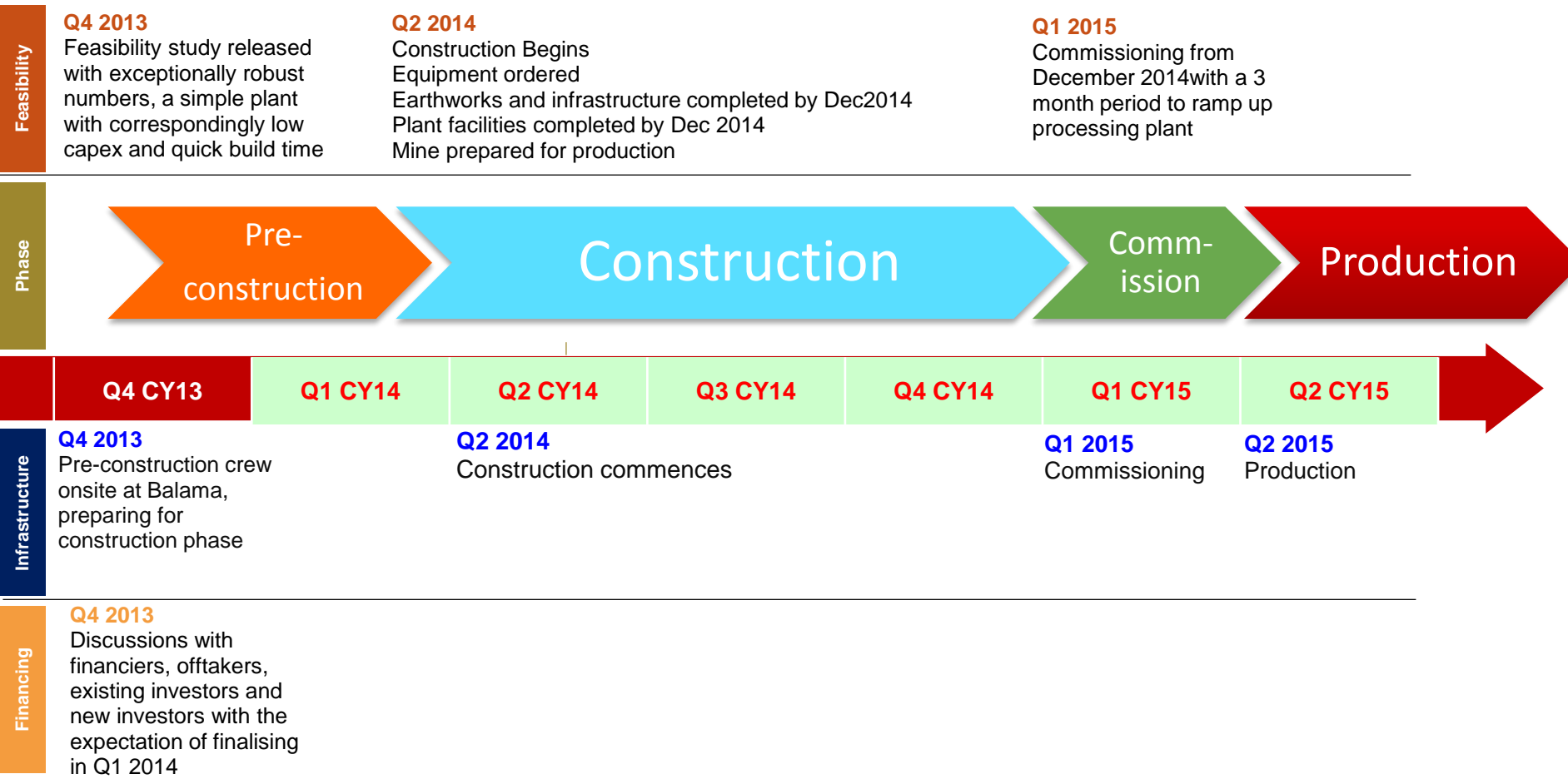
- Financing options reviewed and progressed
- Marketing studies progressed
- Offtake discussions initiated
- Briefings and marketing trips to funds and new investors

Syrah has consistently met all key milestones at Balama

(1) HM = Heavy Minerals.



Our vision of the next 15 months to production

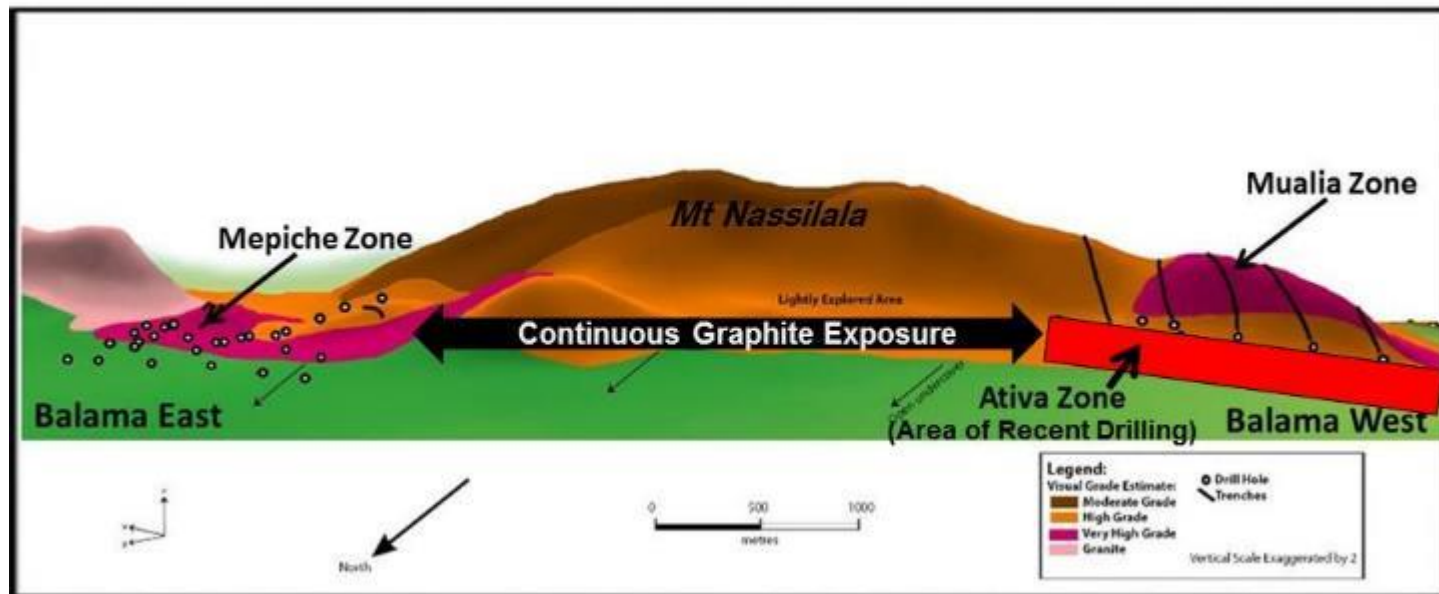


Syrah plans to have financing in place early in 2014 and to be in commercial production in Q2 2015



The Balama Resource: incredibly large, growing and versatile

- ❑ Global Inferred resource of 1.15Bt @10.2% TGC and 0.23% V₂O₅
- ❑ **Ativa Zone** – Recent infill drilling more than doubled the resource tonnage and upgraded resource classification to Indicated and Inferred
 - ❑ 51 million tones @ 19.9% TGC & 0.38% V₂O₅ at a 13% cutoff grade
- ❑ We see potential to selectively mine from a number of pits to customise graphite flake size and characteristics to meet customer requirements



The Balama Graphite resource is absolutely World Class



Metallurgy

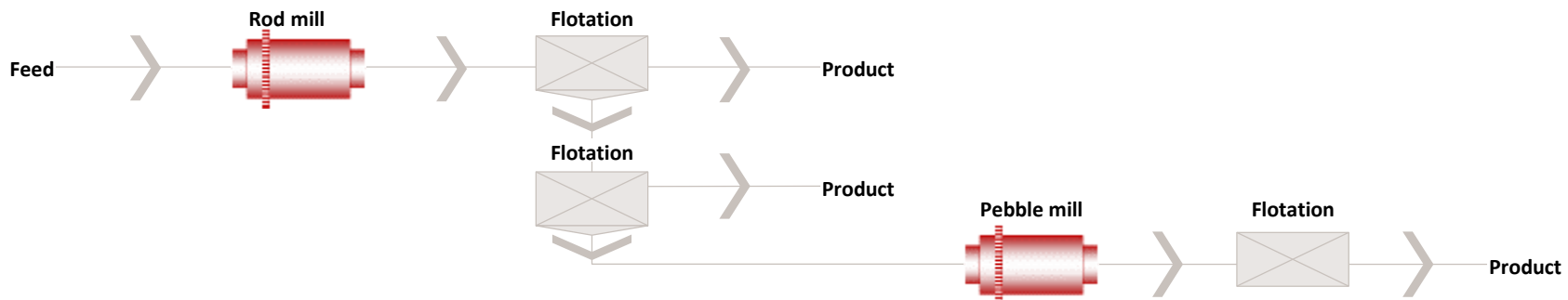
Simple Graphite metallurgy

- ❑ Metallurgical test work has been conducted on Balama graphitic material by Mintek, specialist graphite processors and offtakers
- ❑ Latest results show graphitic carbon concentrates will be high grade (96%-98%)
- ❑ High recoveries with low levels of ash, volatile, moisture and sulphur
- ❑ Balama orebody offers flexibility in mining - potential to blend different ore types to customise product for clients

Vanadium – significant upside potential

- ❑ Vanadium is not in the current scoping study
- ❑ Initial testwork indicates that the vanadium minerals are highly amenable to clean recovery, in the form of a high grade concentrate
- ❑ Potential to sell a concentrate or upgrade to vanadium pentoxide flake

Processing flowchart - indicative



Optimisation testwork underway to finalise plant design

Video



Youtube link: http://www.youtube.com/watch?v=iEX7JU_yzjU



Key Infrastructure

Pemba Port



Road: Pemba to Balama



Chipembe Dam



Power Lines near Balama



- ❑ **Located within close proximity of deep water port facilities at Pemba (~240km)**
 - Third largest port in Mozambique. Ports of Africa confirmed available capacity for Balama product through Pemba Port
- ❑ **Main road connects Project to Pemba Port**
 - Sealed, well maintained road to Monte Puez (~200km). Remaining 40km currently unsealed with construction underway to seal remaining distance by end of CY2013
- ❑ **Large regional dam, Chipembe, located only 12km from the Balamba processing plant**
 - Suitable available capacity and allocation for Syrah
- ❑ **Region currently being connected to the National Power Grid**
 - Power lines currently being installed between Balama town and Monte Puez. Mozambique Government has indicated willingness to extend this supply to the Balama Project



Community development

- ❑ Significant investment has been made in local infrastructure
 - Water bores drilled for use in neighbouring villages and Infrastructure programs commenced at Balama hospital
- ❑ Strong supporter of local economies
 - Large employer of local labour and developing training programmes to develop a local workforce
- ❑ Balama operations will invest in local agricultural development for food supplies
- ❑ Strong focus on improving local community health and education



Syrah is working proactively to engage the local community



Board of Directors and Management Team

Tom Eadie
Non-Executive chairman

- Twenty years experience within the junior resources sector and at technical to senior executive levels with major mining companies
- He is a past board member of Royalco Resources Ltd, the Australasian Institute of Mining and Metallurgy (AUSIMM) and the Australian Mineral Industry Research Association (AMIRA)
- Currently also the Executive Chairman of Copper Strike

Paul Kehoe
Managing Director

- Accountant and geologist with extensive corporate finance and restructuring experience through previous senior management roles with PricewaterhouseCoopers and Grant Thornton
- Worked with a group of ASX listed resource companies, performing company secretarial functions, business development and geology roles
- Appointed Managing Director of Syrah in December 2011

Tolga Kumova
Executive Director

- 15 years experience in stockbroking, corporate finance and corporate restructuring
- Specialised in initial Public Offerings and capital requirements of resources focussed companies

Rhett Brans
Non- Executive Director

- Operated a consultancy providing project management services to the mining Industry for the past 20 years. More than 35 years experience in the design and construction of mineral processing facilities
- Extensive African experience (Perseus Mining and Tiger Resources)

Owen Cavanough
Chief Operating Officer

- Extensive experience in African mineral project development and infrastructure planning / construction, as well as government liaison
- Previous roles include Project Manager for Mineral Deposits, infrastructure services for Melbourne Docklands Project and various projects for Roche Brothers

Michael Chan
General Manager, Balama
Project Development

- 35 years industry experience in senior operations, project development and commercial roles
- 10 years of extensive rare earth project experience including complex metallurgical flow sheet development. Previous roles include General Manager of Project Development at Kimberly Rare Earths, Procurement / Supply Chain Manager at Arafura Resources Ltd and Commercial Manager for Lynas Corporation Ltd's Malaysian Operations

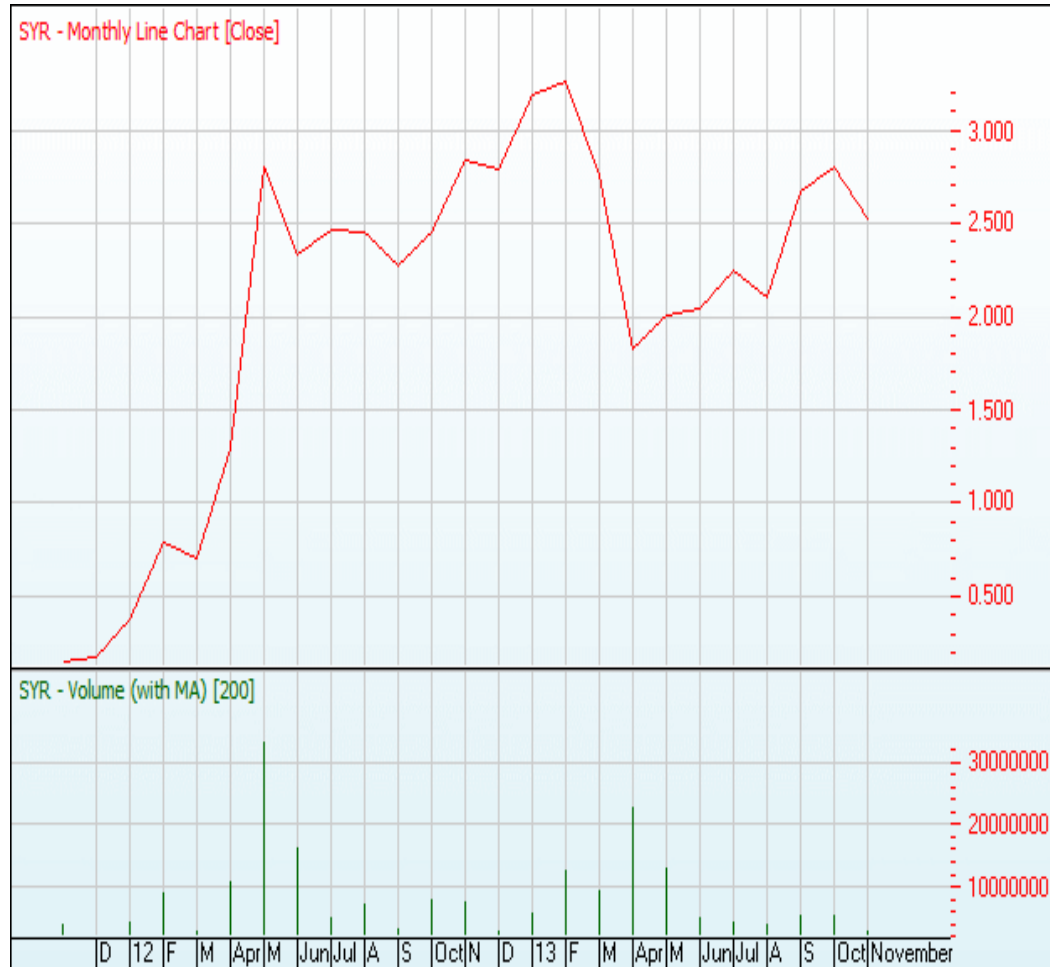


Current capital structure

Overview

- ❑ ASX listed
- ❑ Market capitalisation (undiluted) of A\$383 million at A\$2.58/share as at 18 November 2013
- ❑ 148,410,123 shares on issue
- ❑ 4,209,467 options on issue
- ❑ ~\$6m cash on hand at 30 September 2013
- ❑ Directors' direct and indirect interests total 31.79% of current shares on issue

Syrah price and volume – last 2 years





2013 Conclusion

- ✓ A globally giant, coarse flake, high grade natural graphite deposit with potential for significant vanadium credits. Significant exploration potential
- ✓ Scoping Study confirms compelling project economics
- ✓ Projected lowest operating costs globally and low capital intensity
- ✓ Simple metallurgy with high concentrate grades expected. Vanadium metallurgy appears to be highly favourable
- ✓ Well located to necessary infrastructure
- ✓ Strong community engagement within a pro-mining jurisdiction
- ✓ Simple plant design using off the shelf components. Balama site being prepared for construction
- ✓ Experienced board and management team focussed on development and production. Financing discussions are advancing as are offtake discussions



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Thankyou

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