

Robert Mencel, Managing Director (As of 1 December 2015) Presentation

Manufacturing Our Carbon Future [™] ASIA PACIFIC I EUROPE I NORTH AMERICA

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Operational Plan



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Corporate Strategy

"To be a lowest quartile cost , highly profitable graphite producer"

Valence will achieve this by

- Maximising cash flow Improving early cash flow (highest grade first), minimising capital and debt requirements
- Improved efficiency De-bottlenecking of process plant, increased instrumentation and automation, improved reliability and optimised manning levels
- Exceed customers expectation Supplying a consistent, high quality product, to specific customer specs, on time and at a price customers value
- Reserve development Establishing additional long life, low cost reserves at Uley
- Maintain and maximise shareholder value through disciplined allocation of Capital



Current Status

- Original 1990's Uley Graphite plant refurbished & recommissioned September 2015
- Installed secondary grinding, screening and bagging capacity found to be undersized at nameplate capacity
- Technical review has identified enhancements necessary to remove bottlenecks and increase capacity
- Plant throughput rate reduced in the short term to maintain customer product specifications 90%-96% LOI, reflecting limited grinding capacity
- Current plant operating with reduced manning levels. Production rate 1- 2 "In-spec" tonnes per day
- Continued strong customer demand
- To date 75 tonnes of in-specification product created in readiness for first commercial sales





Operational Focus

Short Term

- Address immediate bottlenecks by installing a spare ball mill with related process upgrades to increase production to 240 tonnes per month
- Planned upgrades to cost \$500,000

Long Term

- Remedy the larger plant deficiencies and expand output to 21,000 tonnes per annum
- Full upgrade is subject to further technical engineering and design, however is expected to included the installation of 2 or 3 vertical mills and improvements in drying, screening and bagging circuit
- The longer term upgrade is subject to debt funding and is expected to be completed for an estimated capex of \$7m





Plant Modification / Expansion

• Independent review completed by Orway Mineral Consultants (Process engineering arm of the Lycopodium Group)

What are the planned major improvements?		Plant improvements – ROM Pricing	
Grinding	Additional regrinding to delaminate flakes & release gangue materials but no major reductions in flake size	Met test work, Engineering	\$1.0m
		Regrinding Circuit Upgrade	\$4.5m
	Installation of 2 or 3 vertical (50kw- 100kw) mills and associated services	Drying, Screening, Bagging Upgrade	\$1.0m
		Contingency	\$0.5m
		Total	\$7.0m
	advantages of the program?	Final ungrade design and hud	get is subject to further
Production	50% increase in output by removing bottlenecks	Final upgrade design and budget is subject to furthe technical engineering and design.	
Lower Cost	Low capex @~A\$7m subject to detailed engineering & design		

Development Timeline

Y2015	 Production at reduced throughput Building stocks in warehouse for customer qualification and in readiness for first commercial sales
Q2 CY 016	 Secure financing Engineering & design program for immediate expansion completed
Q4 CY 016	 Implement short term and long term plant upgrade programs Stocks to warehouse & initiate exports New mining from Uley Pit 2
Y 2017	• Graphite production reaches 21,000 tpa

Financing Plan



Financing Plan

- The company's shares are currently in voluntary suspension
- Negotiations underway with numerous parties to secure capital to meet both short term and long term requirements
- Shares will come out of suspension as soon as the company concludes its financing program





Financing Plan

- Financing required due to
 - Refurbished process plant's poor performance and resulting absence of early cash flows
 - Payments to creditors
 - Requirement for additional capital to upgrade plant
- Forecast capital requirements next 12 months
 - \$5.5m Payment of creditors
 - \$5.5m Payment of debt
 - \$7.0m Process plant upgrade
 - \$22m Working capital to being cash flow positive, build inventories of product, interest and other costs
 - \$40m Total (Up to)







Summary

Summary

- Currently operating plant at reduced throughput rate to meet sales/marketing requirements
- Processing issues identified, and solutions specified by independent technical review
- Operational focus
 - Short Term \$500k Installation of spare ball mill/ minor plant improvements, increase production to 240t per month
 - Long Term \$7m plant upgrade to fix identified problems and expand the plant to 21,000 tpa.
- Forecast capital requirements next 12 months
 - \$5.5m Payment to creditors
 - \$5.5m Payment of debt
 - \$7.0m Process plant upgrade
 - Potentially up to \$22m Working capital to cash flow positive, interest and other costs