



ALLEGIANCE COAL
LIMITED

TELKWA METALLURGICAL COAL PROJECT
STAGE 1 PFS RESULTS

PRESENTATION | 12 SEPTEMBER 2017



Important Information

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Coal Resources and Reserves

The coal resources and reserves referred to in this presentation (unless otherwise stated in this presentation) were first reported in the Company's ASX announcement of 3 July 2017 (**Previous Announcement**). The Company confirms that it is not aware of any new information or data that materially affects the information included in the Previous Announcement and that all material assumptions and technical parameters underpinning the estimates in the Previous Announcement continue to apply and have not materially changed.



EXPERIENCED TEAM

WITH A TRACK RECORD OF DELIVERY & SUCCESS

Malcolm Carson

Non Executive Chairman

Malcolm is a geologist with more than 40 years experience in exploration, research and executive management of both private and listed companies on the ASX, TSX and LSE. Currently the Executive Chairman of Dampier Gold Ltd (ASX:DAU).

Jonathan Reynolds

Finance Director

Jonathan has been the CFO and held directorships of many exploration and producing operations across several commodities, in multiple jurisdictions and stock exchanges. He is an accountant with more than 25 years experience.

Mark Gray

Managing Director

Mark acquired a coal mining services company out of voluntary administration in 2003, listed it in 2005, and took its market cap to \$40M. Mark has run mining entities for 15 years and prior to that, a successful career in law and investment banking.

Dan Farmer

Chief Mining Engineer

Dan is a mining engineer with more than 25 years coal mining experience in Canada. He was the Operations Manager of Anglo American's coal mines in British Columbia where he developed, built and ran many coal mining operations.

David Fawcett

Non Executive Director

Dave was instrumental in advancing a number of coal projects in northeast British Columbia, four of which became significant mines. He was also co-founder of Western Canadian Coal. As a mining engineer, Dave has over 40 years experience in the North American coal industry

Angela Waterman

Environment & Government Relations

Angela has permitted two coal mines in British Columbia for Anglo American. A 20 year industry professional Angela, has an in-depth knowledge of the mining and environmental regulatory regime in British Columbia.



Still under the radar, but gaining support & momentum

Capital Structure

Share price A\$0.05

Number of shares 225,995,235

Market Capitalisation A\$11.3M

Less Cash A\$1.0M

Add Debt A\$0.8M

Enterprise Value A\$11.0M

820,000 unlisted options on issue
(exercise price A\$0.2475; expiry date 27 November 2018)

Source: IRESS, company filings

**Share price improving on results
But still undervalued by reference to peers**

All information provided as at 6 Sep 2017

ASX Canadian & USA peers

Market Cap A\$

Paringa Resources Limited (PNL) 126M

Atrum Coal Limited (ATU) 44M

Jameson Resources Limited (JAL) 25M

Allegiance Coal Limited (AHQ) 11M

Pacific American Coal Limited (PAK) 6M

Substantial shareholders %

Telkwa Holdings Ltd 13.23

Salisbury Australia Holdings P/L 12.15

Bernard Laverty P/L 7.06

Franklin Civil P/L 6.91

Altius Resources Inc. 6.46



Quick re-cap

- At the core of Allegiance's strategy is a staged approach to both permitting and production, driven by a desire to get into production quickly, with a small environmental footprint, and a low start-up CAPEX.
- Allegiance released the results of its Staged Production PFS (**Staged PFS**) on 3 July 2017 confirming the viability of producing 250ktpa of saleable met coal for 4 years, ramping to 1.75Mtpa for a mine life of 28 years. The results were very positive.
- Allegiance then commenced:
 - A review of the Staged PFS with particular attention on reducing start-up CAPEX and assessing ramp-up options that optimize capital;
 - A pre-feasibility study assessing the viability of producing 250ktpa assuming that is all that Allegiance is ever permitted to produce (**Stage 1 PFS**).
- This presentation highlights the results of both the Staged PFS review and the Stage 1 PFS and should be read with the results of the Staged PFS in the Company's Presentation dated 10 July 2017.



Stage 1 PFS Executive Summary

250ktpa of clean coal generating on average US\$27.5M of revenue per annum

Forecast average annual EBITDA of US\$13.5M (A\$18M), a 50% ratio to revenue

The mine can ramp to 500ktpa instantly doubling production and revenue

FOB cash cost of US\$54/t in the lowest 5% of the seaborne met coal cost curve

.. and that cash cost drops to US\$51/t at 500ktpa of clean coal production

Strip ratio just 1.9:1 BCM/ROMt for 19 year LOM and all met coal yield of 74%

US\$35M of start-up CAPEX delivers post-tax NPV of US\$29M & IRR of 25%

.. but at 500ktpa similar CAPEX delivers post-tax NPV of US\$50M & IRR of 39%



Stage 1 is focussed solely on the Tenas Pit

The strategy is to minimize infrastructure spend by maximizing the use of existing infrastructure even if the operating cost of doing so is slightly higher

Telkwa North Pit Area



Start of public road and end of 25kv power line which will need to be extended to the CHPP ~ 3km

Goathorn Pit Area



Existing forestry roads

ROM coal haul road



CHPP, workshop and settling ponds

Tenas Pit Area



Telkwa, BC



Telkwa

360km rail haul to Ridley Island Coal Terminal

Canadian National Rail

Rail siding avoids privately owned land

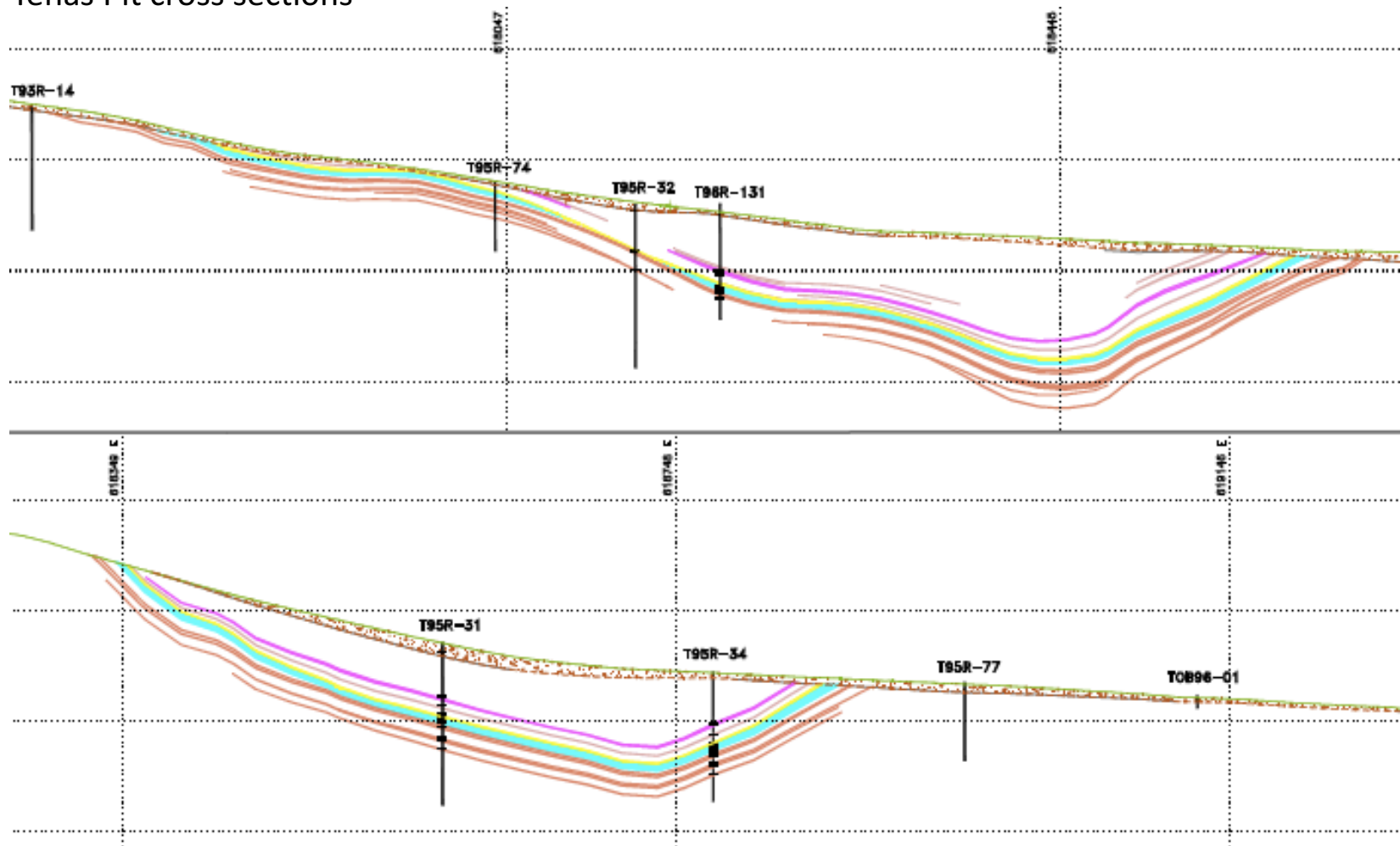


Woodm



... which is a shallow syncline basin of coal with no structure ...

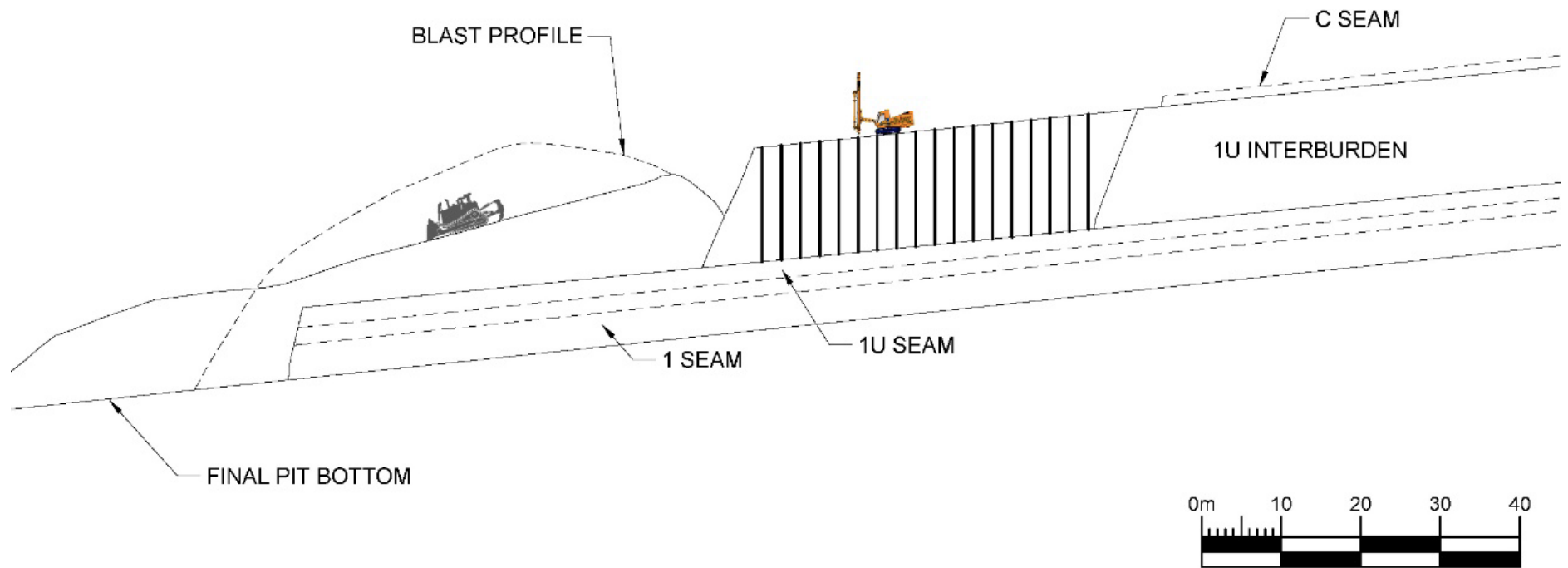
Tenas Pit cross sections





... and which enables up-dip mining and backfilling of waste rock

Typical drill, blast, load and haul operation but mining up-dip backfilling ~50% of waste from start of mining using dozers to push blasted waste into pit bottom, significantly reducing the handling cost of waste removal.





Resources & reserves remain unchanged ... but Tenas is now the focus

Resources	Measured Mt	Indicated Mt	M+I Mt	Inferred Mt
Tenas	58.8		58.8	-
Goathorn	59.5	9.2	64.7	0.2
Telkwa North	15.7	3.7	19.4	1.0
Total	134.0	12.9	146.9	1.2

Reserves		ROM Coal Mt	Clean Coal Mt	Saleable Coal Mt
Tenas Proven		29.1	20.6	21.0
Tenas Probable		-	-	-
Tenas Total		29.1	20.6	21.0
Goathorn Proven		22.1	12.6	18.8
Goathorn Probable		0.2	0.1	0.1
Goathorn Total		22.3	12.7	13.9
Telkwa North Proven		10.8	6.4	7.0
Telkwa North Probable		0.7	0.4	0.5
Telkwa North Total		11.5	6.8	7.5
Grand Total		62.9	40.1	42.5



Coal quality sits alongside similar seaborne met coal products

Suitable for sale as a semi-coking coal, or a PCI coal.

The coal specifications represent mine site quality from the Tenas Pit only.

Tenas washed at an SG of 1.6 for a yield of 74%			NSW SSCC	NSW HV PCI
Total moisture	%	7.8	6-10.5	6-10.5
Volatile matter	%	24.6	33-37	33-38
Ash	%	9.5	6.5-10.5	9-10.5
Sulphur	%	0.9	0.5-1.5	0.35-0.85
Fixed carbon	%	65.3	50-60	55
Calorific value	Kcal/kg	7,245	N/A	7250
Free swell index		3-4	3-6	N/A
HGI		64	N/A	40-50
Reflectance	%	0.84	0.80	0.65-0.85
Max Fluidity	ddpm	2-17	100-500	N/A
CSR calculated	%	37-43	25-30	N/A



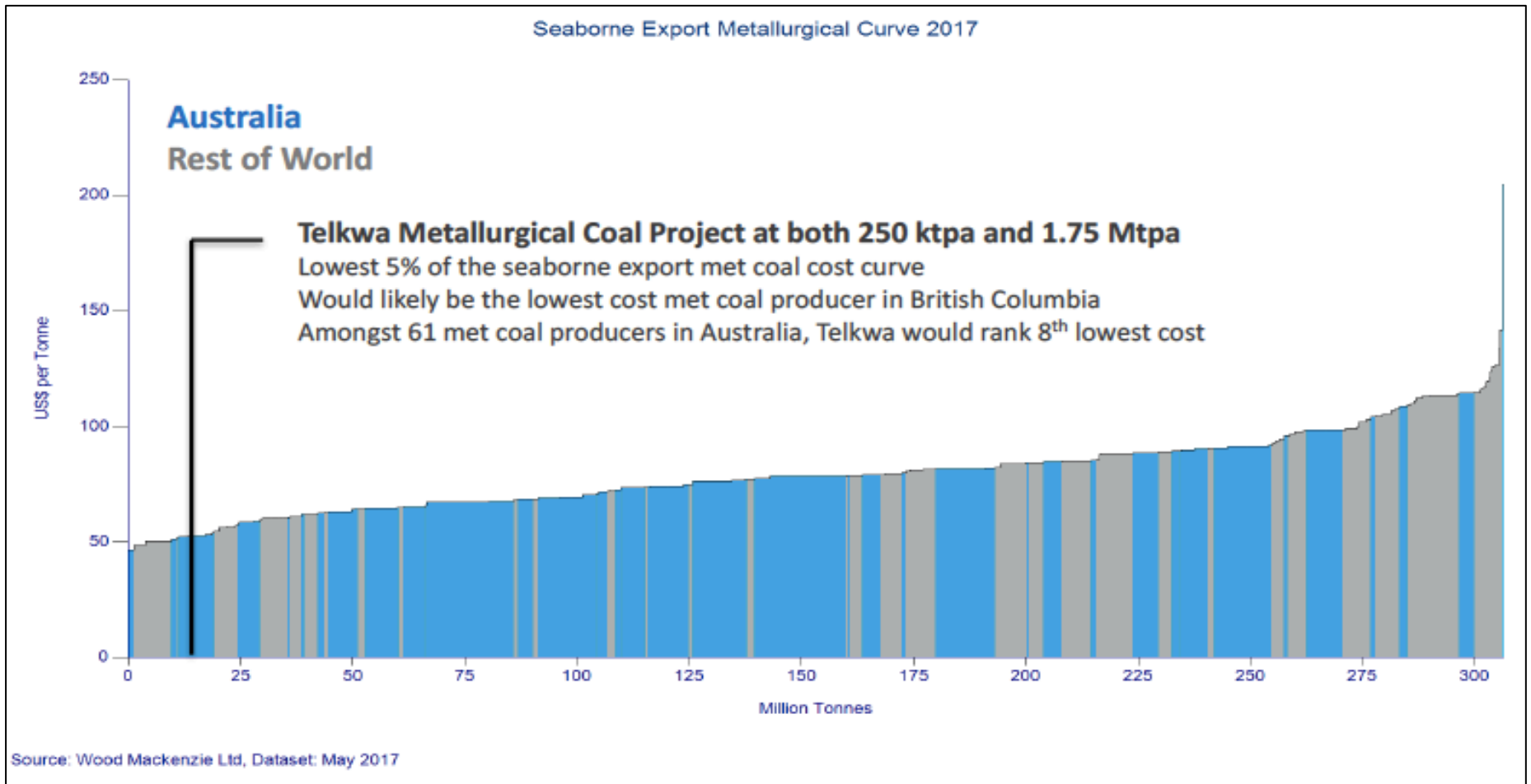
Simple geology & logistics + low strip ratio + good yield = LOW OPEX ...

Remarkably, even with a reduction in production from 1.75Mtpa to 250ktpa the all-in FOB cash cost is almost identical. The increase in coal recovery, processing and haulage costs caused by a reduction in volume, is offset in its entirety by a reduction in waste removal costs caused by a reduction in strip ratio from 5.8:1 BCM/ROMt to 1.9:1 BCM/ROMt.

Operating Costs Life of Mine	Staged Production PFS US\$/Saleable t @ 1.75Mtpa	Stage 1 PFS US\$/Saleable t @ 250ktpa
Site Costs		
Waste removal	23.8	11.2
Coal recovery	2.7	4.6
Coal processing	3.6	8.5
General and administration	4.0	2.3
Other	2.5	4.6
Transportation, Marketing & Royalties		
Marketing costs	0.2	0.2
Haulage (CHPP to Rail Siding)	2.6	3.6
Rail to port and loaded	12.7	16.7
Third party royalties	2.8	2.8
Total all-in cash cost FOB pre-tax	54.8	54.5



... and the seaborne met coal cost curve continues to tell the story





Start-up capital expenditure reduced by 31%

Gains in capital reduction were achieved in three main areas:

- Rescheduling the mine plan so that mining in the first 3 years occurs in the shallowest corner of the pit thereby reducing the pre-strip and the immediate demand for some items of mining equipment;
- Selecting a smaller and more suitable washplant that still has expansion capacity to 200tpa; and
- Selecting a less capital intensive water management option while achieving the same environmental performance.

And further significant capital reductions can be achieved by equipment and washplant finance and leasing.

Start-up Capital Expenditure	Staged Production PFS	Stage 1 PFS
	US\$M	US\$M
Equipment including primary production and ancillary	9.1	6.1
Pre-strip	3.0	1.0
Mine access	1.5	1.5
Coal handling preparation plant and related Infrastructure	20.2	15.4
Water management, power and other	15.2	9.1
Rail siding and Loadout	2.3	1.9
Total Initial Capital (includes >10% contingency)	51.2	35.1



KPIs reinforce robust project economics

Key Performance Indicators @ 250ktpa	Units	Value
Pre-tax NPV10%	US\$M	51
Pre-tax IRR	%	32
Post-tax NPV10%	US\$M	29
Post-tax IRR	%	25
Payback from commencement of production (real terms)	Years	3.5

Key Performance Indicators @ 500ktpa	Units	Value
Pre-tax NPV10%	US\$M	83
Pre-tax IRR	%	52
Post-tax NPV10%	US\$M	49
Post-tax IRR	%	39
Payback from commencement of production (real terms)	Years	2.3



Pathway to staged permitting and production

Calendar Year	2017				2018				2019				2020				2021			
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
First Nations	Signed first agreement			Ongoing project review		Socio-eco agreement			Continual project participation											
Project studies	Staged PFS complete		Stage 1 PFS complete		Stage 1 FS		Stage 2 FS													
Environmental	Baseline studies commenced				Continual environmental monitoring for stages 1 & 2															
Stage 1 permitting	Constant ongoing Govt. dialogue				Stage 1 filings		Stage 1 decision													
Marketing			Secure JV partner																	
Financing				Secure mine finance																
Stage 1 development									Stage 1 construction											
Stage 1 mine											Stage 1 coal production									
Stage 2 permitting																	Stage 2 filings	Stage 2 decision	Stage 2 mining	

Subject to change



ALLEGIANCE COAL

LIMITED

Principal Office

Suite 107, 109 Pitt Street, Sydney 2000

Telephone: +61 2 9233 5579

Email : info@allegiancecoal.com.au