

VICKERY EXTENSION PROJECT

ENVIRONMENTAL IMPACT STATEMENT

ATTACHMENT 7

CAPITAL INVESTMENT

VALUE ESTIMATE REPORT

Brian Cole

Executive General Manager - Projects Delivery

Whitehaven Coal Limited
PO Box 600
231 Conadilly St, Gunnedah NSW 2380 Australia

19 July 2018

Dear Sir,

Vickery Extension Project - Capital Investment Value

In accordance with the terms of our letter of engagement we have assessed the Capital Investment Value (CIV) of the works included in the scope of the Vickery Extension Project.

The CIV has been assessed based on:

- 1) The contents of Circular PS 10-008 New Definition of Capital Investment Value issued 10 May, 2010.
- 2) The contents of Circular PS13 – 002 Calculating the Genuine Estimated Cost of Development dated 14 March, 2013.
- 3) Plans, concept drawings and documentation for the project provided by Whitehaven Coal.
- 4) Actual costs incurred on the recently constructed Maules Creek Project.

Based on this information, we assess the Capital Investment Value of the project to be \$607,000,000.

Yours Faithfully,

Cornelis Vlok

Cornelis Vlok

Director

BSc (CE) BSc (QS) Hons, AAIQS, PMP

Whitehaven Coal

Vickery Extension Project

Capital Investment Value Estimate

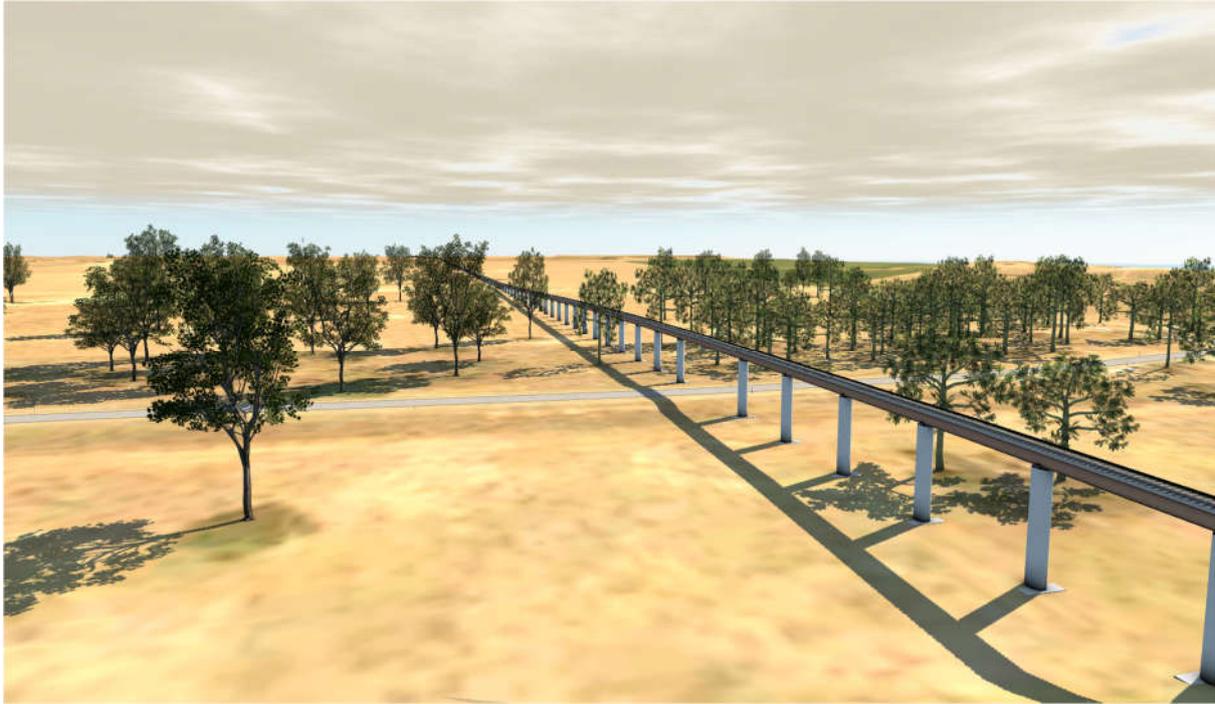
Description	Total Cost AUD (000's)
Pre-Construction	20,000
Box cut, Haul Roads, Access Roads and Haul Roads	70,000
Coal Handling & Preparation Plant	210,000
MIA	8,000
Utilities	19,000
Rail Spur	180,000
Owner's Costs	82,000
Bulk Earthworks	18,000
Total Capital Investment Cost	\$607,000

Estimate Notes:-

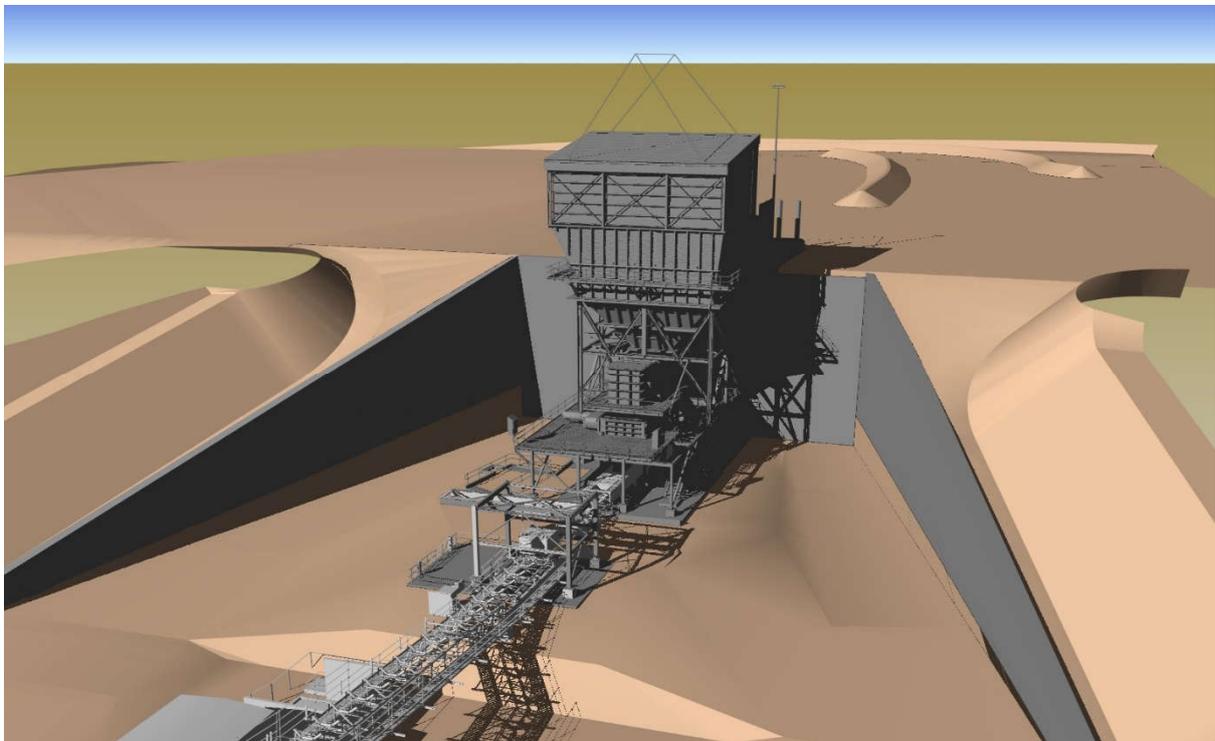
1. The Capital Investment Value is the initial capital required to operate the Vickery Extension Project. The Capital Investment Value in this document differs from the capital cost estimates described in the Economic Assessment prepared for the Vickery Extension Project Environmental Impact Statement, as the Economic Assessment includes other costs including sustaining capital and capital allocated for land purchases (e.g. for biodiversity offsets).
2. Costs are in AUD and current for 2018
3. Basis of Estimates:-
 - Current Conceptual Layouts
 - Actual construction cost from Maules Creek Project
 - Recent tendered prices
4. Estimated costs include:-
 - Design costs
 - Temporary works
 - Site preparation works
 - Earthworks
 - Demolition (where required)
 - Construction Power supply
 - Construction Water supply
 - Fire services (where required)
 - Communications
 - Labour costs
 - Long service leave levy
5. Estimate Assumptions:-
 - All bulk fill material for site earthworks will be sourced from the boxcut excavation and onsite sources
 - Temporary Infrastructure will be utilised for the Mine Industrial Area – Stage 1
 - Blue Vale void will be utilised for raw water storage for construction
 - Raw water pipeline from Namoi River will be installed to pump water into Bluevale Void
 - Nominal ROM throughput – 13Mtpa
 - Nominal CPP Capacity – 6Mtpa
 - CPP – DMC’s + Spirals + BPF’s
 - ROM Stockpile – 250,000t
 - Product Stockpile – 600,000t
 - ROM Hopper – 450t Capacity
 - Rejects Bin – 500t Capacity
 - Stacker – 1,800tph
 - TLO Bin – 750t Capacity
 - TLO Rate – 4,500tph
 - Rail Bridge Over Namoi River – Similar to Common Section Viaduct (BCPL)
 - Rail Bridge Over Kiamilaroi Highway – Similar to Common Section (BCPL)

- Rail line through floodplain – generally elevated structure with some in-filled embankment sections where conditions permit
- Power Supply – 66kV – utilising existing infrastructure

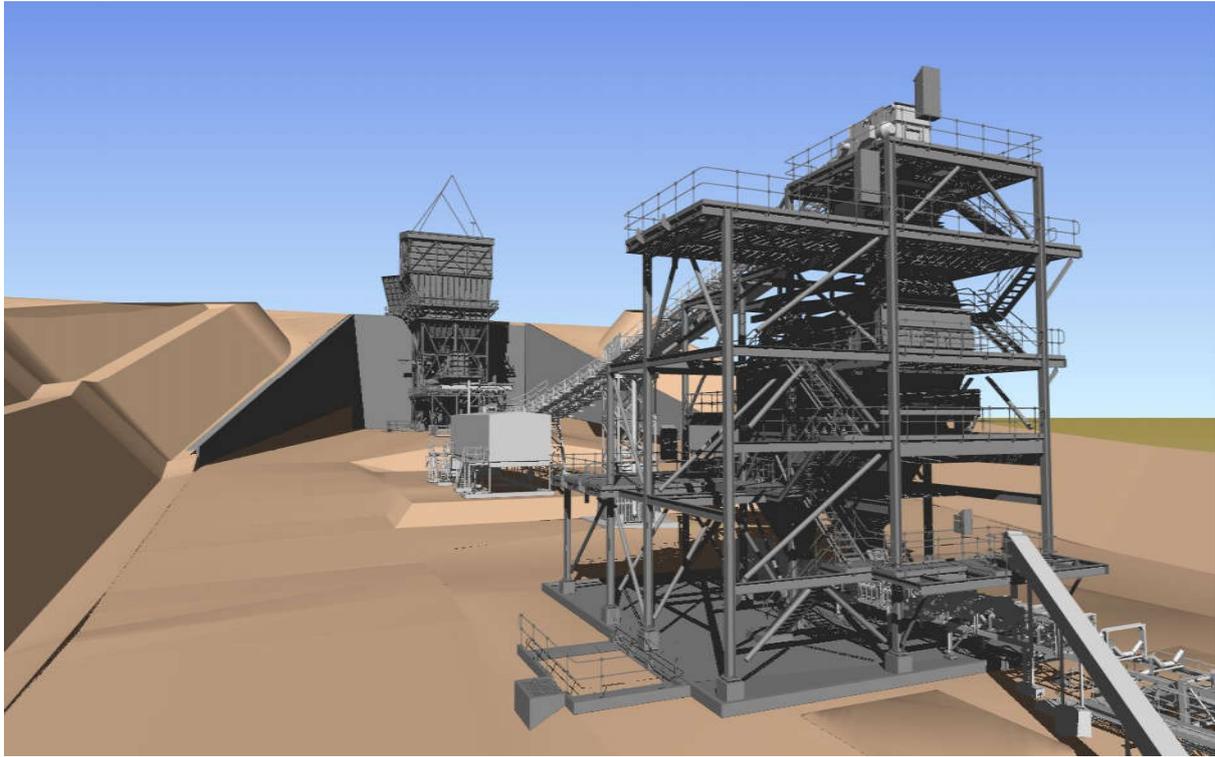
Conceptual Illustrations:-



Conceptual Illustration 1: Rail Bridge over the Kamilaroi Highway and Floodplain



Conceptual Illustration 2: ROM Dump Station & Hopper



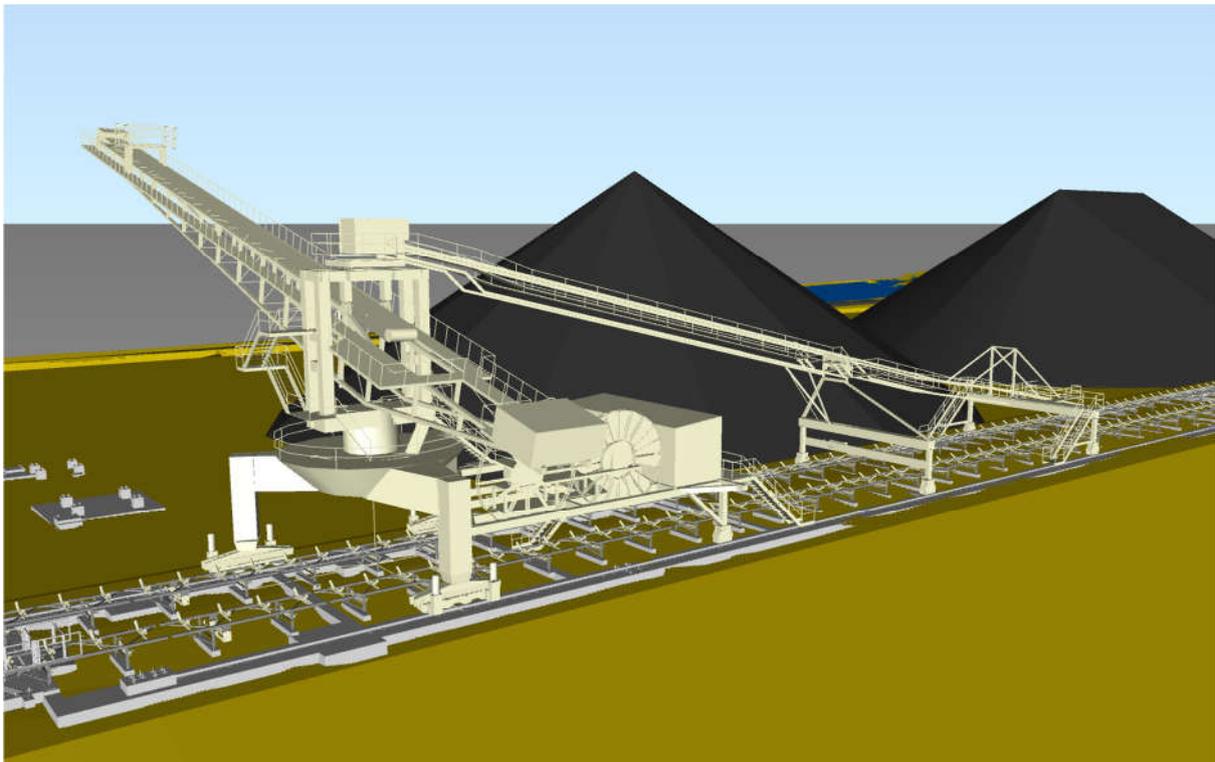
Conceptual Illustration 3: ROM Dump Hopper and Sizing Station



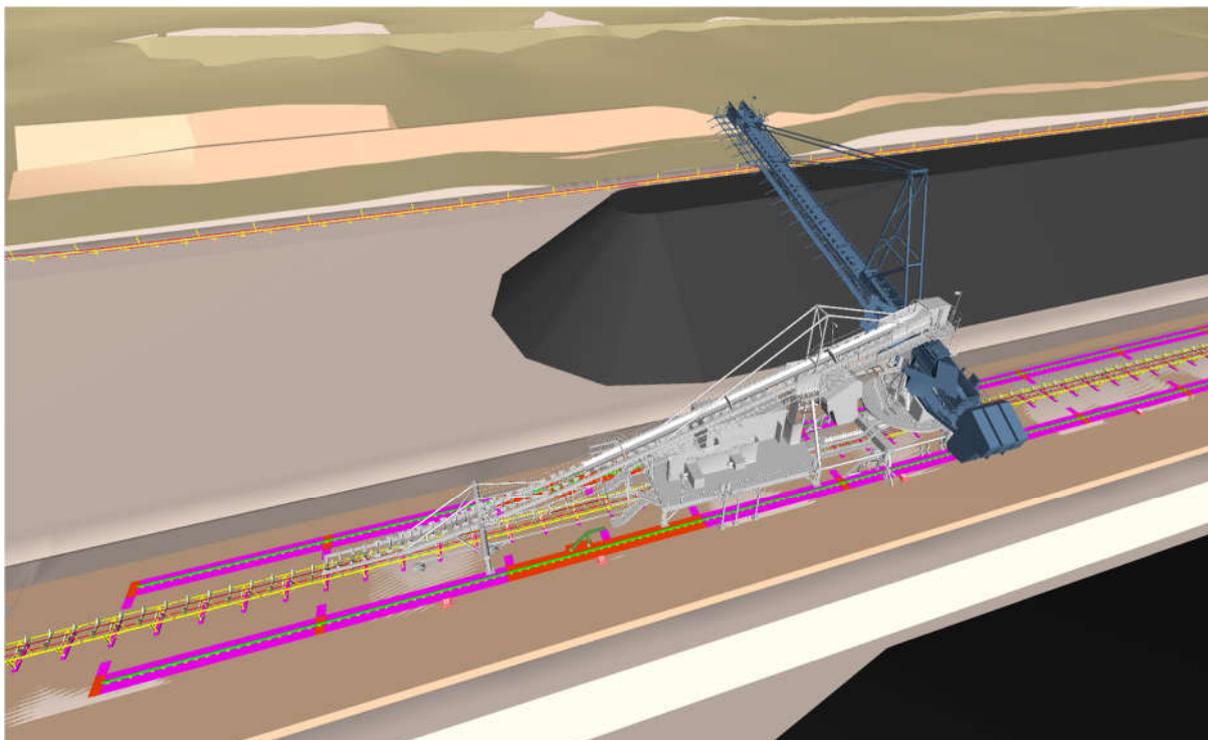
Conceptual Illustration 4: TLO Bin and Loadout Conveyor



Conceptual Illustration 5: TLO Bin, Loadout Conveyor, TLO Sump and Rail



Conceptual Illustration 6: Product Coal Stacker and Conveyor



Conceptual Illustration 7: Product Stacking Conveyor and Product Coal Stacker