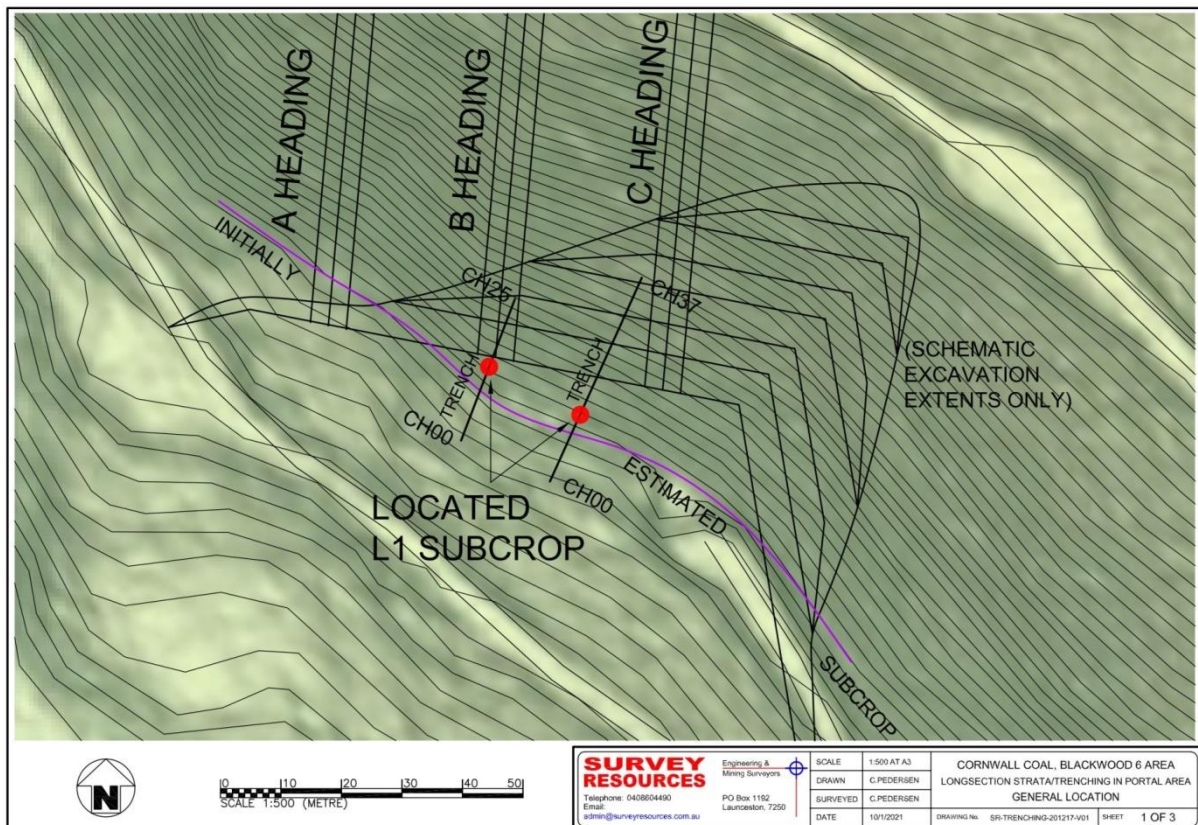


Wednesday 13 January 2021

Keith Falconer
Operations Manager
Cement Australia-Cornwall
Fingal 7214

RE: Blackwood No.6 Trench Stratigraphy

On the 17th December 2020 two exploration trenches were excavated at the base of the slope at the proposed Blackwood 6 portal sites.



Geological mapping of the Blackwood 6 portal heading trenches exposed rock sequences of the Tasmanian Triassic Coal Measures overlayed by dolerite talus (colluvium) and regolith/organic rich dolerite soils.

The dolerite talus consisted of a narrow sequence of dolerite kernels in yellow haematitic to limonitic dolerite clay. The dolerite fragments were poorly sorted, variable in size and angular to rounded. At the base of the slope the dolerite talus was measured to be 1.5m in thickness. The talus thinned upslope to 0.6m in thickness at the top end of the trench. This dolerite talus appeared stable and compacted in both trenches.

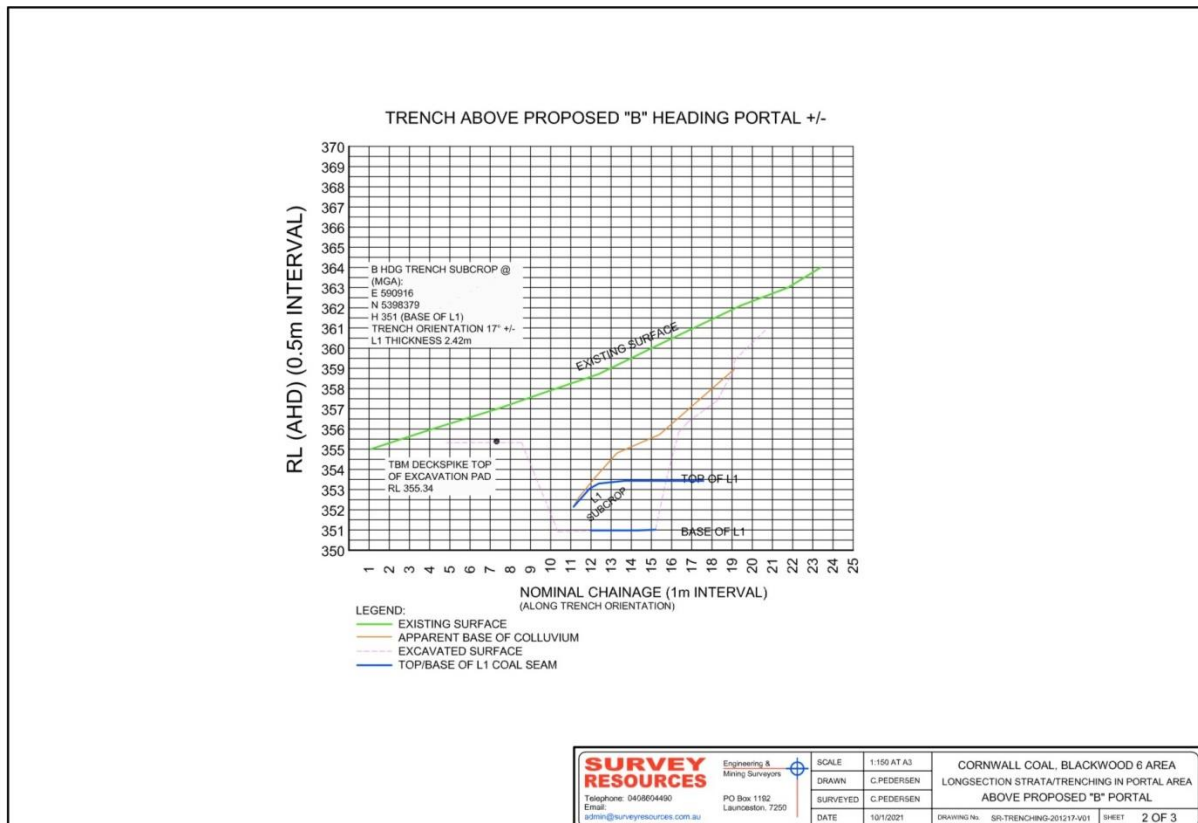
The Triassic Coal Measure sediments in both trenches consisted of 1.9m of massive well sorted, medium grained lithic sandstone deposited above, 1.8m of interbedded mudstone and 2.5m of carbonaceous mudstone and coal exposed at the base of the trenches. The coal seam exposed in the trenches appeared weathered and was interbedded with carbonaceous mudstone.

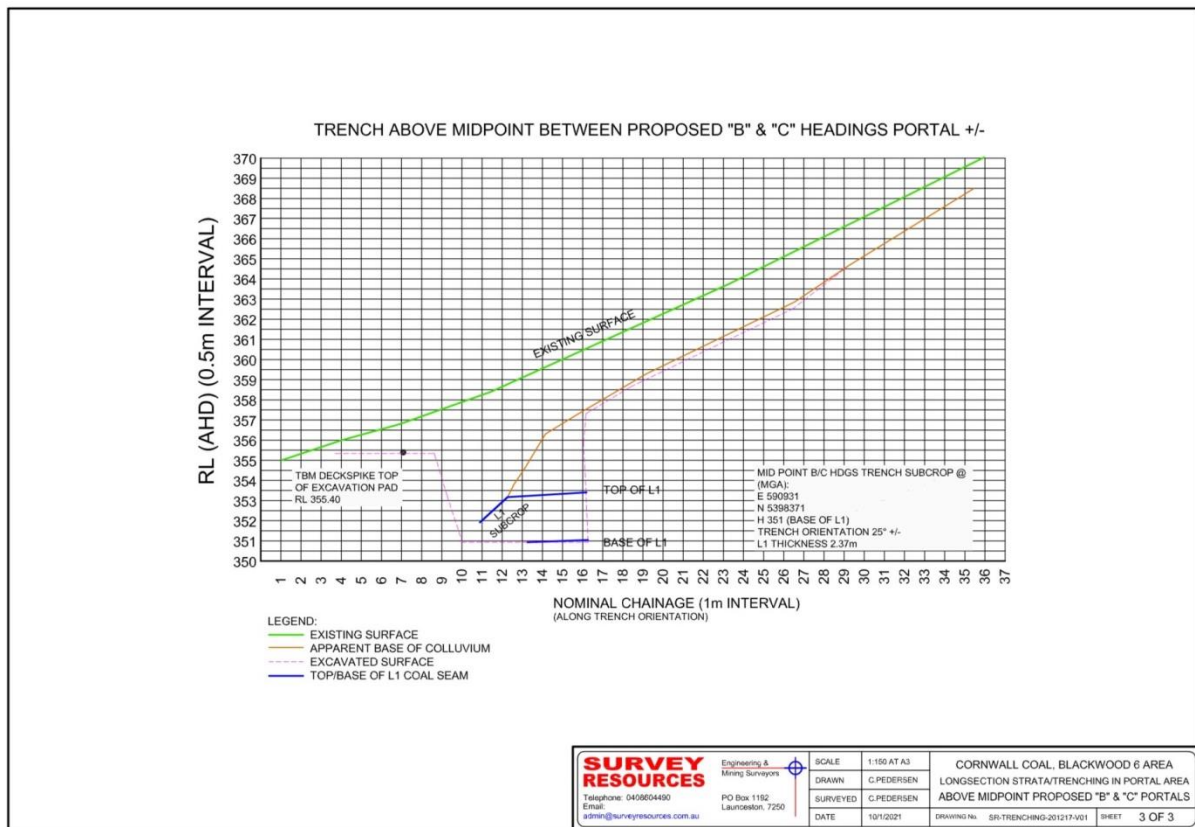


"B" Headings Portal Trench



"B & C" Headings Portal Trench



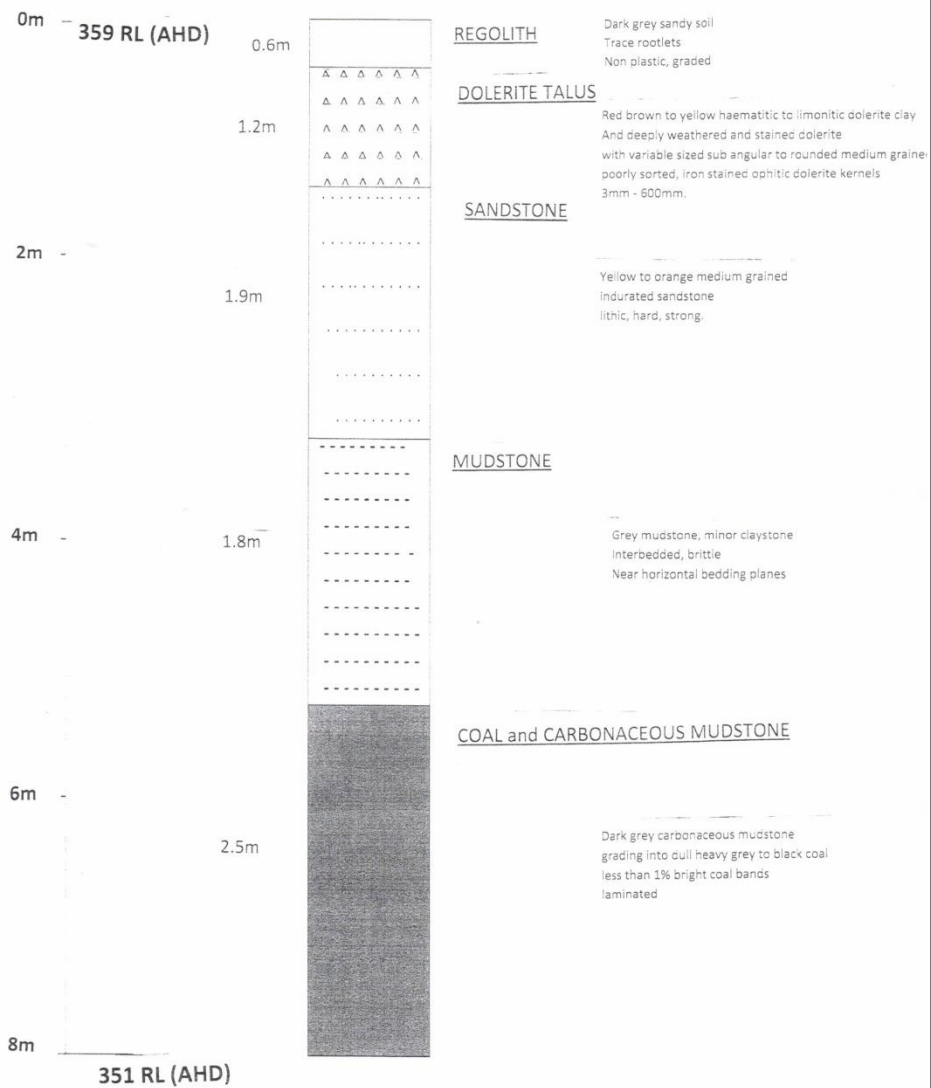


Regolith and dolerite talus trench exposure.



Mudstone, carbonaceous mudstone interbedded with dull coal in trench.

Trench Stratigraphy



Regards,
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Acknowledgement
 Chris Pedersen-Survey Resources