

The BTR – Coal Bunker for Hells Gate Colliery

The Hells Gate Colliery mine skips dump coal into a track side Bunker.

Thence the coal is loaded into railway Coal Hopper Wagons for the journey downgrade to Shenanigan's Wharf or the Coal Wharf at Sundial.



Typical Coal Bunkers & loading facilities that inspired the BTR model at Hells Gate Colliery.



The raw Bunker sheathed ready for piers and walers to resemble this example in Qld.



Piers, walers, joists and bracing in place ready to tackle the mechanism that releases the Coal.

All bolts, washers and nuts are simulated using 1.2mm diam. steel brads and a spot of PVA glue.

All diagonal bracing has been fixed with 0.8mm pins and glue.

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The general arrangement at the Coal Chute.



Chute side guides direct coal flow into wagons.



Gate lift mechanism comprises; side guides, plumber blocks, pulleys and chain.



Pre painting check that Gate works as intended.



Loading Coal into Coal Hopper Wagons.

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For the model, the roof is on the Bunker itself.



A roof sits atop the Bunker, baulks, sleepers and rails are yet to be added for skips to dump Coal.



Corrugated paper overlays on plywood roof.



Sealed, painted then weathered (rust).



The scillion roof of a real Coal Loader in QLD.



The model roof above the Bunker/hopper.

The Skip Elevator is adjacent to the Bunker.

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The assembled elements make for a unique model that sits well in the location selected on the BTR.



Until we acquire a second wheel, a single wheel Elevator is kept in good condition by Mr Allen Keyes.



The lift box part way up the elevator guide ways.



Waiting for the next rake of empty Coal Wagons.

