

DENDROBIUM MINE PROJECT COMPLETED

When Illawarra Coal decided to extend Dendrobium mining operations further west they called on Transelect to assist with the power upgrade needed to meet the new demand.

The \$410,000 design & construction project included the stringing 300 metres of 33kVA line from the Integral Energy feeder to the new substation and installing an earth grid at the back of Cordeaux Dam near Picton.

The work was necessary after Illawarra Coal decided to extend the mine's longwall operations, which meant the company needed to create a new fan shaft and relocate its substation.

Hard rock posed some difficult challenges but the issue was overcome by bringing in a special heavy duty borer. Also the site being located in sensitive Sydney Catchment Authority's Cordeaux Dam area very stringent and challenging environmental issues needed to be addressed.

