



# Minimal environmental impact at Cape Lambert

**Minimising the impact on the environment was one of the major factors which had to be addressed when Rapid Crushing recently embarked on a project to produce the road base aggregate required for a new construction camp at Cape Lambert in the Pilbara.**

The camp, when completed, will house 400 people due to work on the \$1 billion expansion of Cape Lambert port.

Having considered the required output for 2,000 t/day of -22mm aggregate, Rapid decided to use a three stage modular crushing plant, three front end loaders and three generator sets to provide the required electric power.

Rapid concluded that an electric powered modular plant would be the most efficient and reliable solution for this particular application.

With environmental concerns paramount, run off water was used for

dust suppression. Additionally, instead of quarrying new stone, use was made of a nearby stockpile containing the by-product of a previous project in the area.

According to Rapid's North-west Area Manager, Frazer Hayes, the project was completed without any significant problems, except for three minor delays caused by cyclones.

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Rapid maintained zero LTIs for more than 5,000 hours throughout the course of this contract. In fact the company's operations have been accident free for the last three years on

North-west/Pilbara projects - a total of 37,098 man hours.

Rio Tinto's expansion of the Cape Lambert port will allow a further 25 million tonnes of iron ore to be exported through the harbour per year taking the total export amount to 80 million tonnes. Work on the expansion should be completed by the end of next year.