

## PROJECT PROFILE

<i>Name:</i>	<b>NEWEIPA, ANDOOM AND LORIM POINT PROCESS FACILITIES</b>
<i>Owner:</i>	Rio Tinto/Comalco
<i>Client:</i>	Bechtel/Monadelphous Engineering
<i>Project Description:</i>	Electrical and instrumentation services for new bauxite processing and stacking facilities including a diesel powered power station
<i>Site Location:</i>	Weipa, QLD
<i>Year Completed:</i>	2004



The project involved the expansion of the existing mining operations at Weipa by moving to a continuous two mine operation. It included the construction of a new 9.5mt per year beneficiation plant, allowing Comalco to process low yielding ore and a new diesel-fired power station (7 x 1.4mw units) at Andoom, north of Weipa, as well as a new stacker at Lorim Point. The expansion will raise bauxite production from Weipa to 16.5mt per year.



The scope of work carried out by O'Donnell Griffin included:-

- Cable power station units and control building
- Substation installation and cabling
- High voltage site reticulation (above and below ground)
- Cable support and installation
- Plant power and control cabling
- Instrument installation
- Bore field skid installations
- General power and lighting installation
- Communication, data and CCTV installation
- Plant pre-commissioning

