

# groundwater monitoring

## Ranger Mine—groundwater monitoring network

*Kaḱadu / Australia*

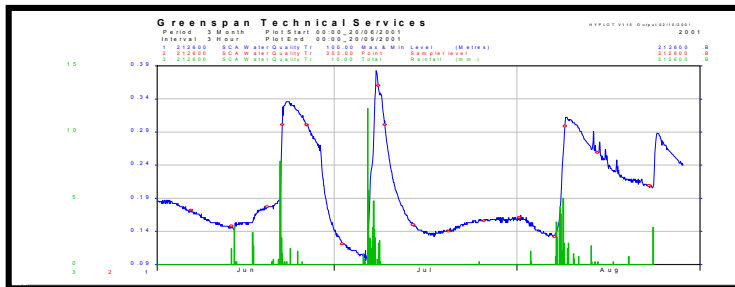
### project summary

An automated groundwater monitoring system was designed and installed by Greenspan for the ERA Ranger Mine site in mid 2005. The system comprises a network of 17 Groundwater monitoring bores each equipped with depth and conductivity sensors. Data from the sensors is collected by data loggers and transmitted via radio link to a local base station. Graphical and tabular data displays and warning system alert operators to any changes in the groundwater conditions around the Tailings Pit.



### project features

- Network of 17 remote stations
- Data Loggers & telemetry link
- Solar powered sites
- Base station display system
- Warnings & Alarms to operator



**tyco** / Flow Control / **Environmental Systems**

