



## PRIVATE MINING PROJECT

Location:	South America	Capacity:	210 M <sup>3</sup> /H - 2 Pass
Engineer:	Wright Engineers Ltd.	Feed Source:	Deep Wells
Market:	Mining	Feed Quality:	2000-5000 TDS
Membrane:	Hydranautics 8040-LSY-CPA2	Start-Up:	March, 1995

**Project Highlights:** Hydropro supplied the pretreatment main pumps, Reverse Osmosis system and controls as part of its scope for this mining project

Pre-treatment consists of a 52 foot diameter clarifier/reactor, four 12 foot diameter media filters, chemical feed systems and micron filters. The 2-pass RO system has two primary trains and two secondary trains. The product from the Primary trains feed the secondary trains.

The Pre-treatment section and the RO sections are controlled by a common Modicon PLC and Wonderware MMI.

The system supplies a mining site with the water quality necessary for their process with the 2<sup>nd</sup> pass concentrate providing potable water for the site.