



## High Pressure Acid Leach Pilot

BALCATT, WESTERN AUSTRALIA

### Project Name

**High Pressure Acid Leach Pilot**

### Location

**Balcatta, WA**

### Client

**ALS Metallurgy**

### Contract Type

**Rates**

### Contract Value

**350K**

### Period

**6 Months**

### Summary

The project demonstrates X2 Engineering's ability to re-engineer, redesign and fully commission a complex High Pressure Acid Leach pilot plant.

ALS Metallurgy contracted X2 Engineering to provide engineering services to assess and recommission a HPAL plant from North America. This project required engineering to provide appropriate power supply (575V 60Hz) and to bring the system in-line with Australian Standards.

The existing system ran legacy software on Schneider quantum PLC's. X2 Engineering upgraded the entire plant to Unity 7.0 and redesigned the Wonder Ware system on the newest Orchestra platform.

Working directly with ALS Metallurgists, a HAZOP was completed and process changes were made to allow the plant to operate safely in a new environment.

The plant was run for a steady period producing excellent results with minimal downtime. X2 Engineering staff were on call 24/7 to assist with plant operation, process changes and breakdowns.