

Perseus Mining Ltd, Sissingué Gold Project

Automated Modular 4tonne Pressure Zadra Strip Solution Plant & Gold Room



Project

Design, Engineering, Supply & Commissioning of a 4 tonne PLC automated Pressure Zadra System with 200kg/hr diesel fired carbon regeneration kiln & integral gold room.

Location

The Sissingué Project is located adjacent to the Mali border, approximately 620km north of the commercial capital Abidjan, Northern Cote d'Ivoire, West Africa

Client

Lycopodium Minerals Pty Ltd

Commencement Date: 2016



Description

Como Engineers were engaged to design, engineer & supply a 4 tonne modular PLC automated Pressure Zadra Elution System with an integral gold room & carbon regeneration facility. The modular plant was designed & engineered to fit within a predetermined CIL plant foot print.

The elution circuit was fully assembled & hot commissioned on water in Como Engineers workshop, prior to minimal dismantling into superable modular units & being packed into sea containers for shipping to site. All mating interfaces were match marked to allow quick & easy reassembly on site.

The system included a 1000kW Direct Eluate Heating system with full PLC control of all elution and electrowinning process steps.

This system was manufactured to Como's latest design, and included new enhancements for improved operability.

Project Manager

Martin Smith