

Tujuh Bukit Gold Project

Gold Heap Leach ADR Wet Plant – Detailed Engineering Design



Project

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Gold Heap Leach ADR Wet Plant Detailed Engineering Design 4 Mtpa and the upgrade to 8 Mtpa.

Location

Banyuwangi, East Java, Indonesia

Client

PT Bumi Suksesindo

Scope:

Detailed Engineering Design Stage I & Stage II and commissioning.



Description

Como Engineers were successful in delivering the detailed design for the 4 Mtpa plant and is in the process of completing the upgrade to 8 Mtpa.

Overall works include CIC trains capable of treating 550 m³ PLS flow each. A 550 m³ CIC scavenging train designed to reduce gold losses prior to detox. 6 tonne split Anglo elution circuit, gold room and off gas scrubbing. Detox circuit for cyanide and heavy metals and currently progressing the design of a clarifier and filter circuit for the detox circuit.

The design included the heap leach pumping and piping inclusive of ILS, BLS and PLS lines and pumps, and new booster station for the upper lifts.

Como Engineers were responsible for all aspects of the design of the wet plant works e.g. concrete works, equipment, electrical and instrumentation, automation, structural, mechanical and piping.

