# WOODLARK (2.4 Mtpa) GOLD PROJECT

## SCOPE OF WORK

GR Engineering was issued a Letter of Intent in late 2019 for the Engineering, Procurement and Construction of the Woodlark (2.4 Mtpa) Gold Process Plant and Infrastructure by GPR. The project schedule was impacted by COVID-19 and has progressed into a Front End Engineering and Design (FEED) phase while site access and construction planning is confirmed.

The site is located on Woodlark Island (locally known as Muyuw Island), situated on the Northern margin of the Woodlark Basin, located approximately 600 km east of Port Moresby. The Woodlark process plant has an expected operational life of 15 years. The open pit mine uses truck and shovel processes in combination with a Gravity recovery and CIL circuits to achieve optimal gold recovery, whilst minimising operating costs.

The FEED scope of works comprises of engineering and design works for areas of priority including:

- Plant and infrastructure layouts and detailed modelling;
- Tailings pipeline.

The current mine plan for Woodlark is ~28.9 Mt of Ore at 1.12 g/t Au. The plant design has been based on a nominal capacity of 2.4 Mtpa of the Woodlark ore type through the processing plant, resulting in 967 koz of Gold recovered.

The treatment plant design incorporates:

- Primary jaw crushing to produce a coarse crushed product;
- A SAB milling circuit comprising a SAG mill and a ball mill in closed circuit with hydrocyclones;
- Gravity gold recovery and treatment of concentrate by cyanidation and electrowinning;
- A CIL circuit to leach and adsorb gold onto carbon;
- An AARL elution circuit, electrowinning and gold smelting to doré;
- Dewatering of CIL tails slurry;
- Tailings discharge pipeline.

**Commodity:** Gold
**Region:** Australasia
**Location:** Papua New Guinea
**Project Type:** FEED and EPC Contract
**Client:** GeoPacific Resources Limited/ Woodlark Mining Limited

**Award Date:** March 2020 (FEED)
**Completion Date:** August 2022 (scheduled)
**Project Manager:** Matthew Wilson
**Process Manager:** Brendan Mulvihill
**Technical Manager:** Stephen Monk