

VALE NEW CALEDONIA

FEL4

Geotechnical stability and
hydraulic designVNC
Goro, New Caledonia

Scoping study

2020

Project fees :
56 000 Euros


INGÉNIERIE

Project description

The VIP dump will be constructed by gradual filling of the Goro pit over several phases. Construction works are planned to start in 2021.

In 2018, a first design of the VIP dump was carried out by Mecater Ingénierie, as part of a FEL3 study.

This project is a FEL4 study of the « VIP 2021 » dump which is the first stage of the VIP dump construction.

Key data

Dump height : **36 m**

Storage capacity : **7 millions m³**

Footprint : **36 ha**

Dumping rate : **36 m/an**

Dump stability class : **III / moderate failure hazard**

Scope of work

- Dump design,
- Detailed construction study of VIP 2021 Dump,
- Water management,
- Dump stability,
- Monitoring.

