

## Project description

The project involves constructing of 5 ponds for the storage of slimes generated from beneficiation plants, 1 pond per year from 2021 to 2025. These ponds will be 12 m high and with a footprint of around 4.5 ha.

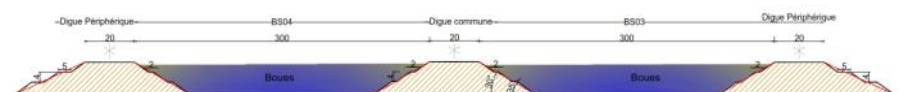
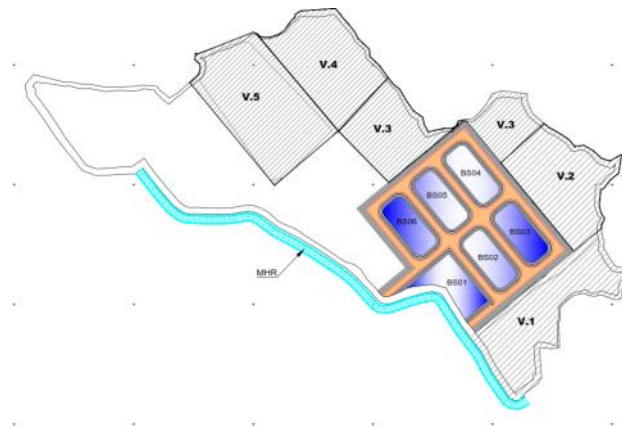
In order to optimize the cost of construction, the ponds will be constructed with pisolithe from the overburden layer. The remaining pisolite material as well as the filtered tailings material generated from treatment processes will be used for pit backfilling.

## Key data

Ponds number : 5  
Pond width : 150 m  
Pond length : 300 m  
Area: 4.5 ha  
Embankment heigh: 12 m  
Crest width: 20 m  
Storage capacity : 380 000 m<sup>3</sup>

## Scope of work

- Ponds preliminary design,
- Water recovery system,
- Water management,
- Phasing of construction, infilling and reclamation,
- Preliminary justification,
- Monitoring,
- Geotechnical investigation program ,
- Preliminary costing.



Metallurgical complex  
project in Moanda

Slimes ponds design in  
Okouma within the mined  
out area

Eramet Comilog  
Moanda, Gabon

Scoping study

2020

Project fees :  
18 000 Euros

**MECATER**  
INGÉNIERIE