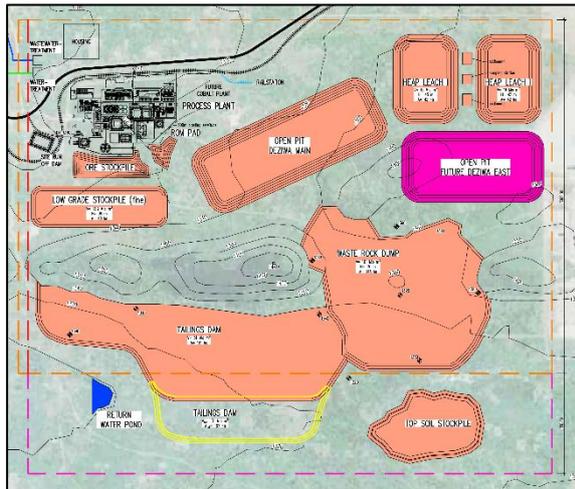


Copper/ Cobalt deposit Deziwa, Province Lualaba, Democratic Republic of the Congo

Client name: Gécamines S.A

Service area	Contract value	Project duration
Natural resources – Feasibility Study	confidential	2015 - 2016



Project description:

The copper/ cobalt deposit Deziwa was extensively explored after 2000. Based on these results several consulting companies have developed a deposit model, a mine plan and ore treatment processes. For the further project development and investments HPC was contracted to check the existing studies and to update them.

Further project data:

- about 150 million t of copper ore
- low grade copper ore
- high grade copper ore
- acid soluble copper ore
- sulphide copper ore

Purpose:

- development project, mine planning
- ore treatment, copper, cobalt production
- Feasibility Study
- Due Diligence

Our services:

- evaluation of all available data of the deposit
- digitisation of all data
- construction of a 3D-deposit model
- assessment and evaluation of the model
- calculation of the resources according to JORC
- calculation of the useable and mineable reserves
- updating of the mine plan
- updating of the flowsheets for the copper and cobalt ore treatment
- reviewing ESIA Study
- updating of the economic and financial assessment (CAPEX, OPEX, IRR)
- GAP analyses
- development of a concept for further exploration of the deposit

Client benefits:

- re-assessment of the deposit considering new technologies as a base for further investigations

