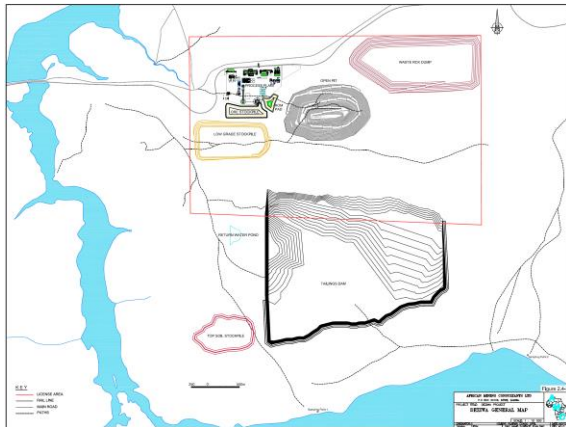


Copper/ Cobalt deposit Deziwa, Province Lualaba, Democratic Republic of the Congo

Client name: Gécamines S.A

Service area	Contract value	Project duration
Extraction Planning	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. A part of this task was also to verify/ update the mine plan study of the existing old studies including ore treatment and copper/ cobalt winning.

Further project data:

- about 150 million t of copper ore
- low grade copper – heap leaching
- high grade copper – tank leaching
- open cast mining

Purpose:

- development project, mine planning
- Feasibility Study
- Due Diligence

Our services:

- assessment and updating of the technology for mine planning including recommendations of appropriate equipment for an open cast mining
- checking of geotechnical calculations
- re-calculations of the slopes
- checking and recalculation of the tailings
- updated infrastructure planning
- GAP analyses
- development of a concept for further data acquisition

Client benefits:

- 3D-Model of the mine plan and ore extraction considering all frame work conditions as base for a Bankable Feasibility Study

