Company News

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Golder chosen to head PFS project

Nussir ASA has given Golder Associates the mandate to work with and sign off a Pre-Feasibility Study (PFS) for the Repparfjord Copper Deposits.

The PFS will raise the level of knowledge and detail in the project and help estimate total costs, return on investment, environmental and social issues and a large number of other parameters connected to the processing facility and underground mine.

Golder has been chosen for this work because of their recognized global and regional reputation in the mining and investment sectors.

The team will be headed from Golder Sweden, but multiple specialists from Norway and around the world will pool their knowledge and resources together to make this happen.

Within the scope of the PFS is also a drilling campaign and a mine development plan headed by the most competent underground mining team in Norway.

Nussir ASA feel confident that the PFS will raise the level of certainty significantly for the project, assisting both authorities and investors to make their decisions.

FACT

Mining feasibility studies[1]

A mining feasibility study is an evaluation of a proposed mining project to determine whether the mineral resource can be mined economically. There are three types of feasibility study used in mining, order of magnitude, preliminary feasibility and detailed feasibility.

Order of magnitude

Order of magnitude feasibility studies (sometimes referred to as "scoping studies") are an initial financial appraisal of an inferred mineral resource. Depending on the size of the project, an order of magnitude study may be carried out by a single individual. It will involve a preliminary mine plan, and is the basis for determining whether to proceed with an exploration program, and more

[1] Source: https://en.wikipedia.org/wiki/Mining_feasibility_study

detailed engineering work. Order-of-magnitude studies are developed by copying plans and factoring known costs from existing projects completed elsewhere and are accurate to within 40–50%.

Preliminary feasibility study (PFS)

Preliminary feasibility studies or "pre-feasibility studies" are more detailed than order of magnitude studies. A preliminary feasibility study is used in due diligence work, determining whether to proceed with a detailed feasibility study and as a "reality check" to determine areas within the project that require more attention. Preliminary feasibility studies are done by factoring known unit costs and by estimating gross dimensions or quantities once conceptual or preliminary engineering and mine design has been completed. Preliminary feasibility studies are completed by a small group of multi-disciplined technical individuals and have an accuracy within 20-30%.

Detailed feasibility study (DFS)

Detailed feasibility studies are the most detailed and will determine definitively whether to proceed with the project. A detailed feasibility study will be the basis for capital appropriation, and will provide the budget figures for the project. Detailed feasibility studies require a significant amount of formal engineering work, are accurate to within 10-15% and can cost between ½-1½% of the total estimated project cost.

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