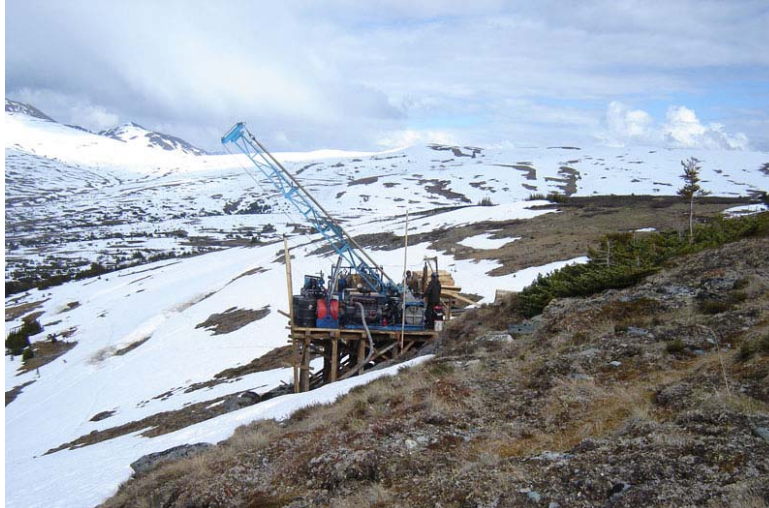


KUTCHO CREEK MINE SCOPING STUDY



Client: Sherwood Copper

Description: SDE worked with Sherwood Copper and the rest of the Kutcho team to produce a comprehensive scoping study for the optimization and development of the new Kutcho Creek Mine.

SDE's responsibilities included all onsite facilities including the mill building (from the Crusher to the Concentrate Load-out), offices, maintenance shops, stores, camp, water & waste water treatment, and transportation of tailings. SDE prepared flowsheets, mass balances and equipment layouts for the mill, together with sizing of key process equipment, including flotation cells, cyclones, pumps and filter process. SDE also participated in preparation of capital and operation cost estimates.

Scope: SDE was responsible for the mill processing and all on-site facilities. SDE provided preliminary process and plant design (all disciplines) for the proposed mine, as well as estimating & scheduling assistance.