

Bruce Jack Mill Building



a **NUCOR** company



LOCATION

Surrey, British Columbia

SIZE

103,360 sf

WALL SYSTEM

Insulated Metal Wall Panel

ROOF SYSTEM

Insulated Metal Roof Panel

The Brucejack Mine is a 2,700 tonnes-per-day high-grade gold underground mine located in northwestern British Columbia, approximately 65 kilometers north of Stewart. A year-round, all-weather access road connects the mine to Highway 37. The mine's operations and camps are fully grid-powered, with diesel backup available. The mine began commercial operation in the summer of 2017 and gold sales are underway. The plant site houses a complex process in which concentrate is pressure-leached in acidic solutions to separate iron, sulfur, and other impurities from nickel, copper, and cobalt.

Nucor Building Systems designed, detailed and fabricated a series of custom pre-engineered steel buildings for the project. To accommodate their needs, the building features a 138' eave height, four large overhead bridge cranes, a 345psf snow load, and multiple levels and locations of interior steel platforms. As a truly unique and complex project, the building site is located in a remote and mountainous area of Canada bringing many inherent construction and delivery challenges to the project. A commitment to a transparent process and execution of our focus resulted in a successful project delivered on-time and under-budget.