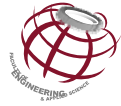


# Client Project Submission Form

To be submitted to Instructor: Stephen Bruneau, sbruneau@mun.ca, 864-2119

Civil Engineering Design Course ENGI - 8700  
Memorial University  
Faculty of Engineering and Applied Science  
St. John's NL, Canada A1B 3X5



## CLIENT

**COMPANY** SNC-Lavalin/BAE-Newplan

address

1133 Topsail Road, Mt Pearl

**Client Engineer** Ray Bailey

phone: 368-0118

email: ray.bailey@snclavalin.com

**Alternate Contact** Nick Gillis

phone: 368-0118

email: nick.gillis@snclavalin.com

(at least one P.Eng)

## Proposed Project Title

Design of Ore Crushing Facility

Description of Project

The ore crushing facility will consist of a steel frame building with a run of mine (ROM) storage capacity of between 1200 to 1500 t

and associated crushing plant. The main storage area will be single storey however the crushing plant will be two storey to allow direct end dumping from trucks.

The building will be equipped with O/H cranes to allow equipment maintenance.

Requirement of Student Group

The student group will be required to investigate framing options for the building and complete the structural design of the building including foundations, retaining wall for the crushing pit, slab on grade, primary structural framing and secondary structural framing.

## COMMENTS, CONDITIONS, RESTRICTIONS QUESTIONS