

Cogema Resources – McClean Lake Sumps – Sikadur EPC

STRUCTURE: Sump Repairs
 LOCATION: Cogema McClean Lake Uranium Mine
 PROJECT DATE: Summer 2001, Winter 2001, Winter 2002
 JOB DURATION: 3 – 10 day Shutdowns
 CLIENT CONTACT: Brian Doell
 AREA: 8 Sumps – 4' x 4' x 4'
 CONTRACTOR: Vector Construction Ltd.
 Saskatchewan Branch



Deteriorated Sump



Forming Repair System



Sikadur EPC Repair Completed

PROJECT DESCRIPTION:

Function of the Sumps: Collection of operations chemical spills and wash-down water.
 Problem: Chemical attack of the concrete and chemical caused corrosion of the reinforcing steel.
 Area Repaired: As above lined with 1 ½” minimum of Sikadur EPC Mortar.
 Procedure:

- Remove deteriorated concrete.
- Clean reinforcing steel.
- Form as required to 1 ½” overbuild of original dimension.
- Mix and pour Sikadur EPC as per manufacturer's recommended procedures.
- Allow a minimum of 24 hour cure prior to stripping the form.



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