



**Expression of Interest
Project Engineer – Geotechnical Expression**

The Geotechnical team will be looking for a new member to join its team in the coming months. This opportunity at C-CORE will have you engage with a team of world class geotechnical, mechanical and experimental engineers to address a diverse range of offshore and onshore civil engineering challenges. Projects at the forefront of the group's activities include the interaction of offshore civil engineering structures with the seabed (e.g. moorings, mooring piles, wellhead systems, risers, pipelines, offshore structures). Onshore civil applications include pipeline stress analysis, burial depths and backfill parameters.

You will help advance our engineering knowledge and understanding developing SMART solutions to engineering challenges. Activities will include: planning and developing experimental programs, rationalizing and understanding analytical techniques; set-up and process data by numerical analysis using Finite Element and Finite Difference methods. In addition, you will assist with the preparation and processing of centrifuge test data, lead project teams and supervise students. Opportunities exist to grow professionally as you accept additional roles and responsibilities, such as project management, client engagement and reporting as well as mentoring other Junior engineers (e.g. EITs). You will be required to register with the Professional Engineers & Geoscientists of Newfoundland and Labrador.