

# HELICAL PILE SYSTEMS

## Deep Foundation Structural Support

info



Washington Group Northern (WGN) was contracted to construct two new electrical substations for Suncor Energy, to supply power to their Firebag in-site (SAGD) oil sands project.

In order to fast track the project, WGN made the decision to re-design the foundations in both substations to utilize large diameter helical piles.

Cyntech supplied all of the piles, installation equipment and manpower to complete the project's 508 pile installations.

Installations productivity rates averaged over 35 piles per day, with several days seeing over 45 piles installed.

**PROJECT:** Electrical Substation Foundations

**CLIENT:** Suncor

**LOCATION:** Ft. McMurray, AB

**DATE:** August 2008

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