

Helical Anchors Inc. Installer Pilotes Helicoidales Nicaragua Installs (7) Helical Piles for an Underpinning Project in Bonanza, RAAN Nicaragua

January, 2021



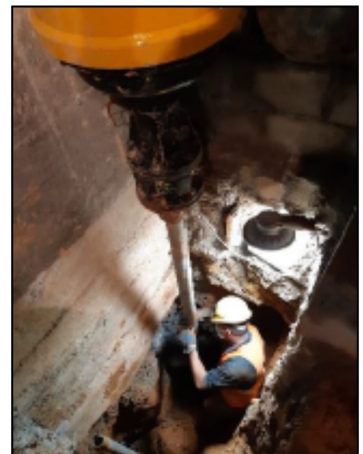
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Project Name & Location:	Underpinning Mill Slab for Hemco Mineros Nicaragua in Bonanza, RAAN Nicaragua
Project Date:	January, 2021
Project Type:	Underpinning
Helical Pile Installation Contractor:	Pilotes Helicoidales Nicaragua. S.A. -
Structural Engineer:	Eng. Guillermo Chavez Toruno -
General Contractor:	HEMCO Mineros Nicaragua -
Helical Piles Specifications:	(7) 2.875" Round Shaft galvanized helical piles, standard duty brackets, design depth of 30ft, ultimate compression capacity 30kips
Soils & Embedment Depth:	Clays and clayey silts, average pile embedment 30ft.
Project Timeline:	(5) Days
Helical Pile Manufacturer:	Helical Anchors, Inc. - Minneapolis, MN

Project Overview

Pilotes Helicoidales Nicaragua was hired by HEMCO Mineros to design and install seven helical piles to support and stop the differential settlement of a slab that supports the main gold processing mill in Bonanza Nicaragua.



Key Benefits

- No down time during piles installation: the underpinning with helical piles allowed the customer to continue producing without stopping the mill or other operations adjacent to it without problems or preventing delays in their daily production.
- Engineering and versatility: By using helical piles it allowed the final design to have special sections length, which allowed for smaller equipment to be used during installation.
- Time saving: Despite of numerous unforeseeable obstacles during installation that cause a two-day delayed, the underpinning was successfully and accomplished in an acceptable time for the client.



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