

Inclinometer

Purpose

To monitor lateral movements of the ground or wall

Application

1. Monitor the sheet piles and diaphragm walls to check the lateral movements are within design limits and the adjacent buildings are not affected by ground movements.
2. Monitor slopes and landslides to detect zones of movement.
3. Monitor the effects of tunneling operations to ensure adjacent structures are not damaged by ground movements.



Digitilt Inclinometer Probe



Setting up for drilling work to install inclinometer



Inclinometer (see pipe in white) installed on a private property