# Readme

The zip contains 3 folders. Fibre optic data, load and deflection data and IML micro drilling data. (see below)

Afbeelding met tekst, schermopname, Lettertype, lijn

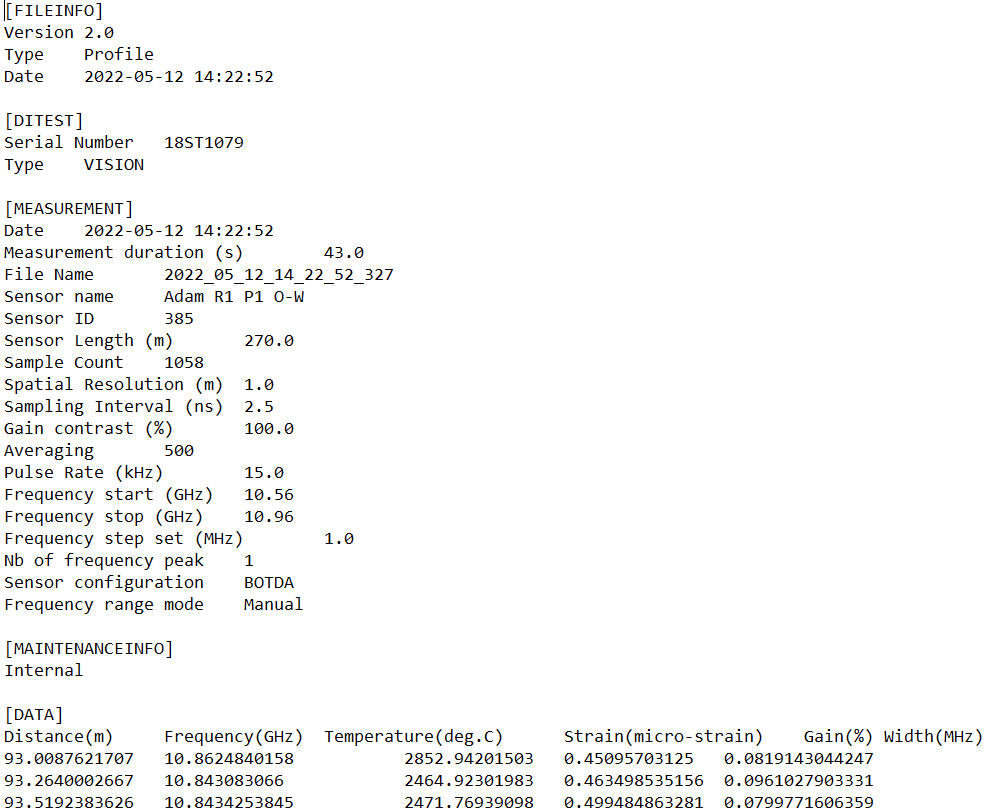
Automatisch gegenereerde beschrijving

## Fibre optic data

The fibre optic data contains a folder with numerous txt files. The name of the file corresponds to the time when the fibre measurement is taken. The installation details of the fibres are provided in the excel file. Afbeelding met tekst, schermopname, Lettertype

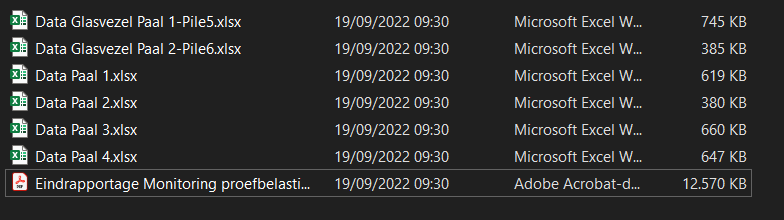
Automatisch gegenereerde beschrijving

Within the txt file, specific detail is provided for one measurement (see below). Most important is the time, the pile of interest (in this case R1P1) the wire of interest (label in this case O-W ->East-West). The temperature is not measured leaving this column blank. Thus the strain values are 2852.94.. 2464.92 …etc. micro strain.



## Load and deflection data

This folder contains 6 excel folders, matching pile 1-6. And 1 pdf containing a manual of the experiment data.



Each excel contains 4 tab sheets.



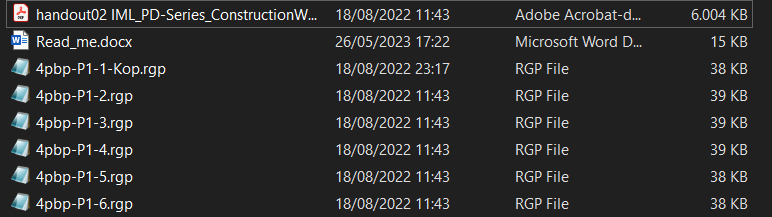
The first two (paal 1 Nulmeting and Paal 1 Monitoring) are the raw data of the deformations.

The last third tab folders (paal 1 per tijdstip) contains the deformations for each measuring prism in XYZ for each load step. The load cells (Paal 1 loadcellen) measure continuously during the whole experiment. They should be matched to the deformations based on the time stamp.

On page 32 of the .pfd file ‘Eindrapportage Monitoring proefbelasting v1.10.PDF’, the sensor names, method and test are explained.

## Microdrilling data

This folder contains an handout of the drill device, a special readme file on the drills and the names of the rgp data files.



Most important within one data file (rgp) is the drill resistance and the drill feed (see below):

