Azul - Vaz
Vermelho - Leo
Roxo - Slide

1º Slide: Good morning, Vaz and I will present the work named "Geotechnical instrumentation applied remotely to a didactic model"

2º Slide: This work was presented by students Emillie, Iana and Manuela from the BH campus.
With the purpose in the engineering knowledge, the work had the objective of creating an instrumentation of a didactic model that represents a landfill formed from a soil that expands in the presence of water. In order to visualize the behavior of a material that can expand quickly and significantly in contact with water, it is possible, through videos, to acquire instrumentation data remotely.

3º Slide: Firstly, the following stages of the project were divided: characterization of the material used, calibration of the instruments, assembly of the test box, performance of the experiment, acquisition of instrumentation data and analysis of results.

4º Slide: The results of the project were: In placement without higher confinement the results are more faithful to reality, however it is a more difficult type of measurement, since with higher confinement the measurement is easier to perform, but it is not as accurate as the other way and this is due to the that the tip is not in direct contact with the ground, which happens in the other way.

This is the didactic model that they did (ai eu mostro no slide a foto do modelo didático)

5º Slide: It is possible to conclude that the project has the purpose of bringing prior knowledge to recently graduated engineers, being able to demonstrate what will happen with a solo in a real project.

6º Slide: Well, that was our presentation.
Thanks for listening!