

Stabilization of Highway Embankment Over Soft Soils

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Organização



Sociedade Portuguesa
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Apoios



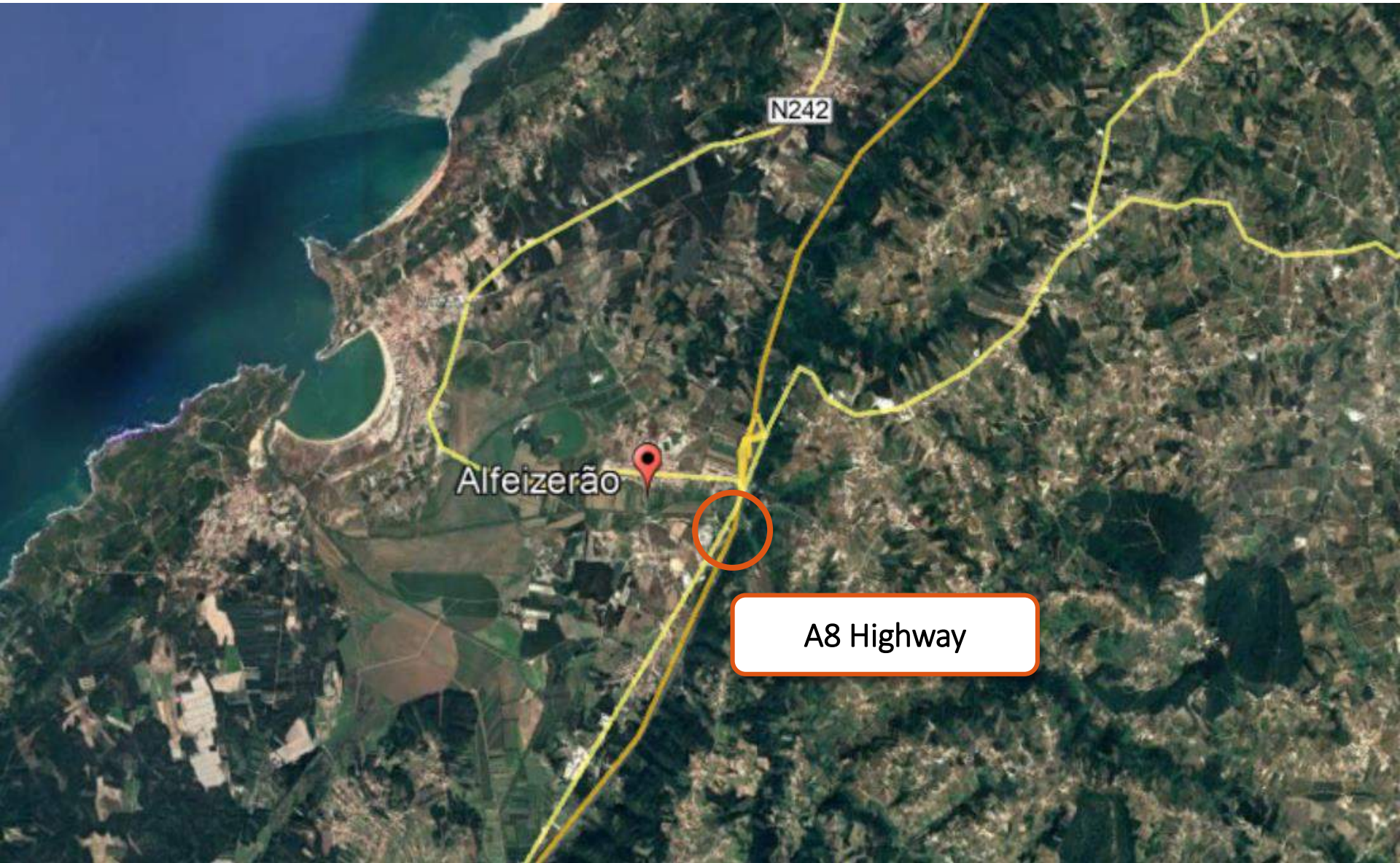
LABORATÓRIO NACIONAL
DE ENGENHARIA CIVIL

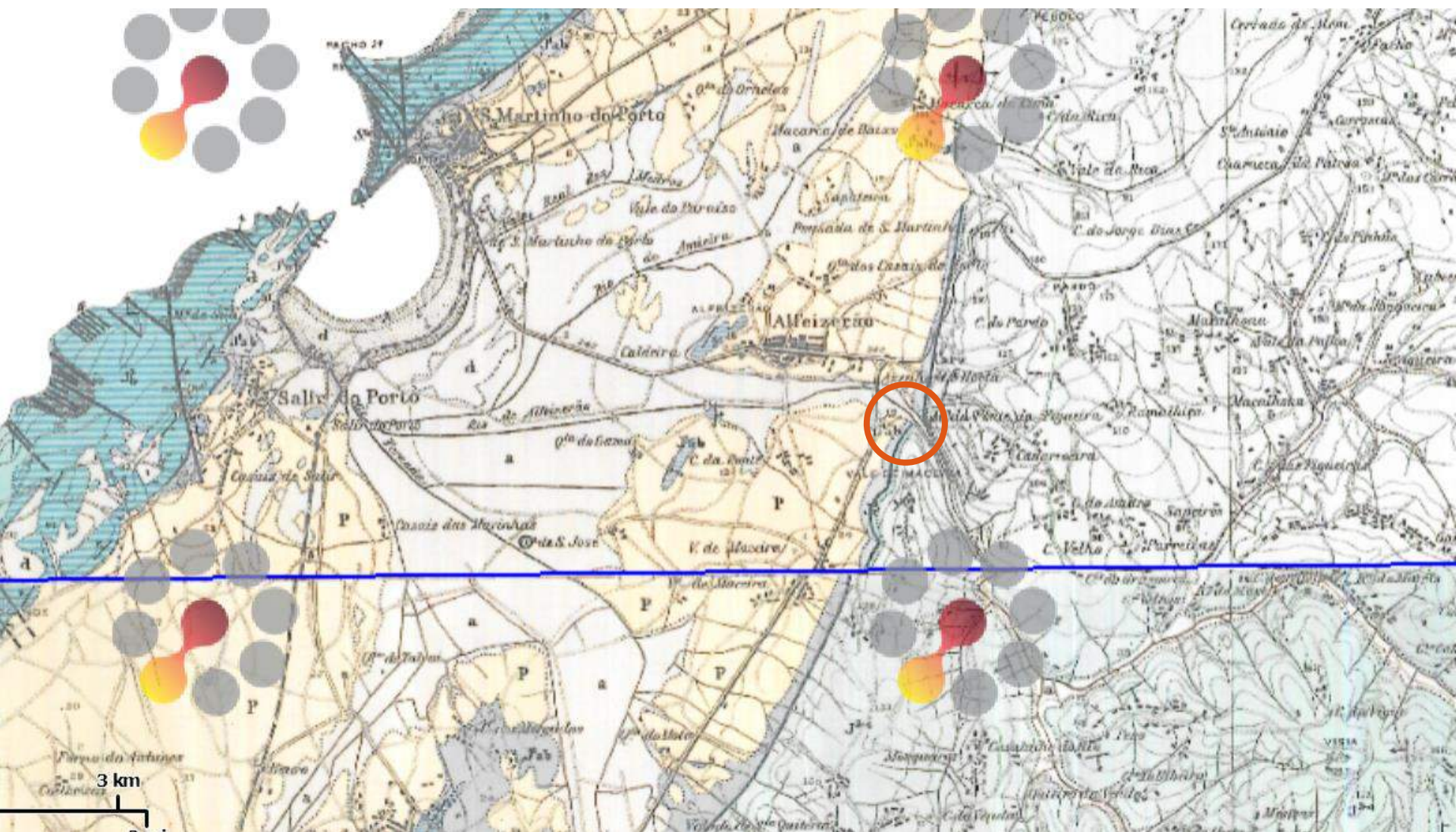


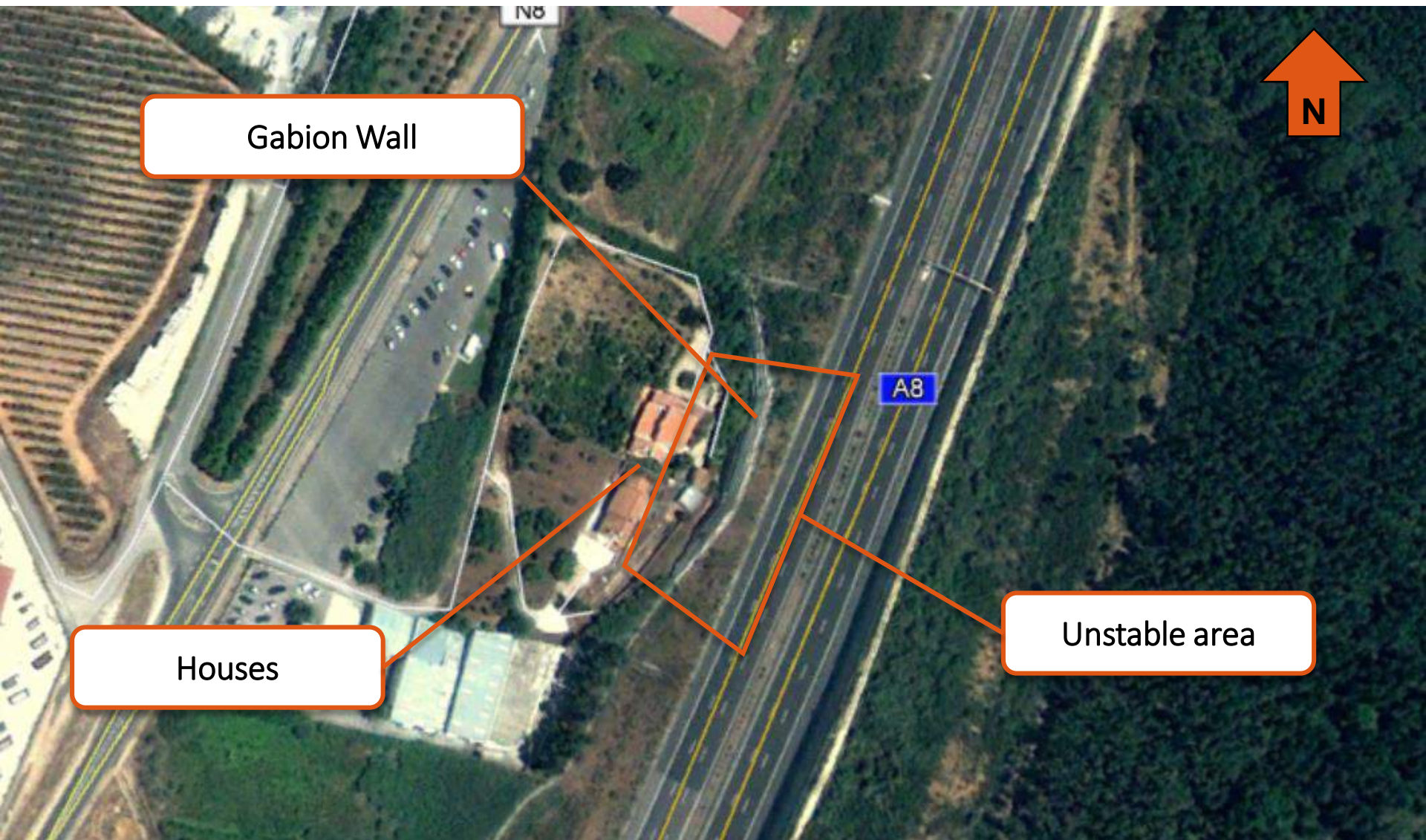
ORDEM
DOS
ENGENHEIROS

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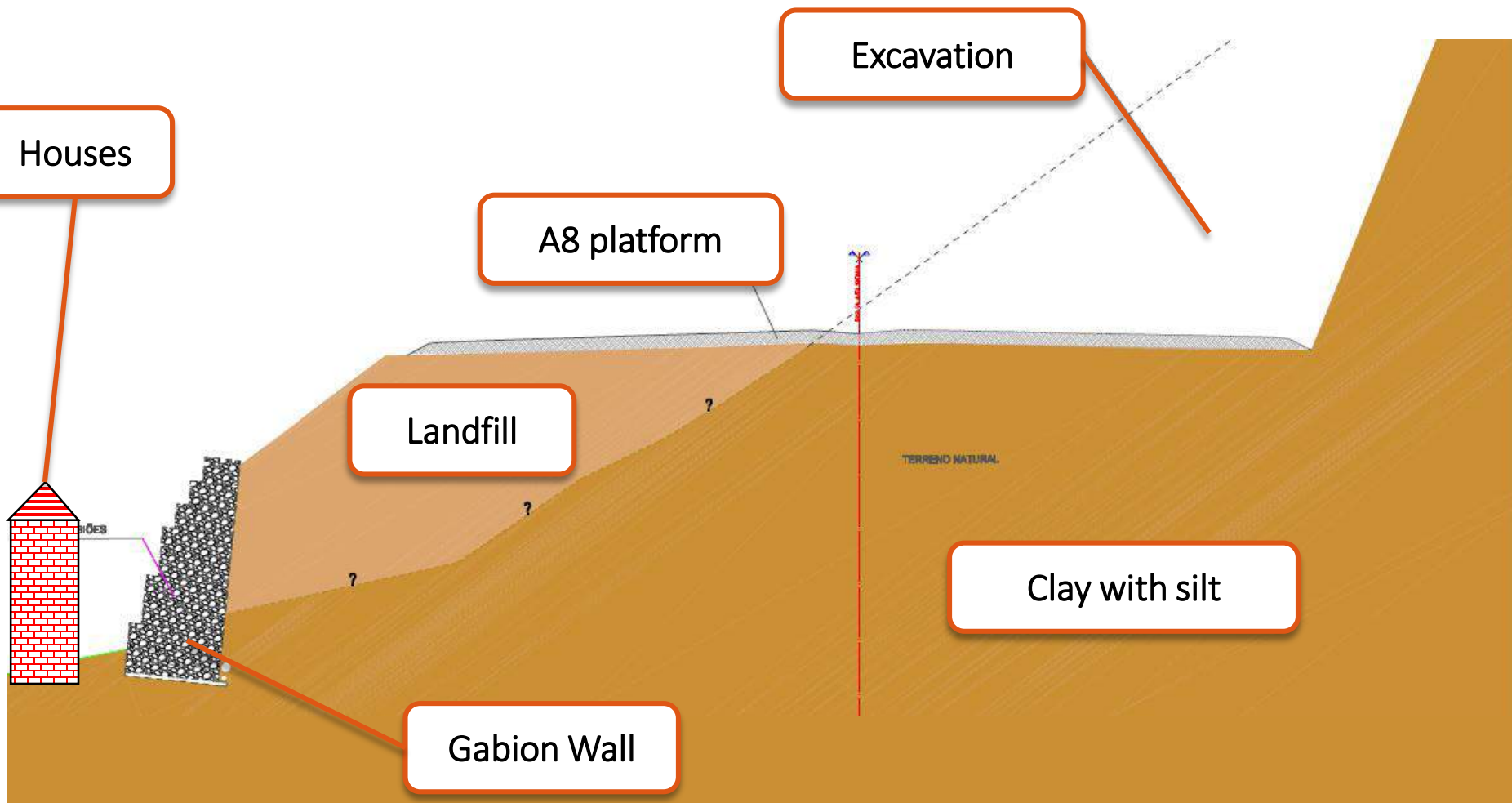


Gabion Wall

Houses

Unstable area

Cross section after the construction of the motorway A8 platform



Gabion Wall

Houses

Cracks at platform



Slip surface

Landfill

Gabion Wall

Clay with silt

Soft Clay

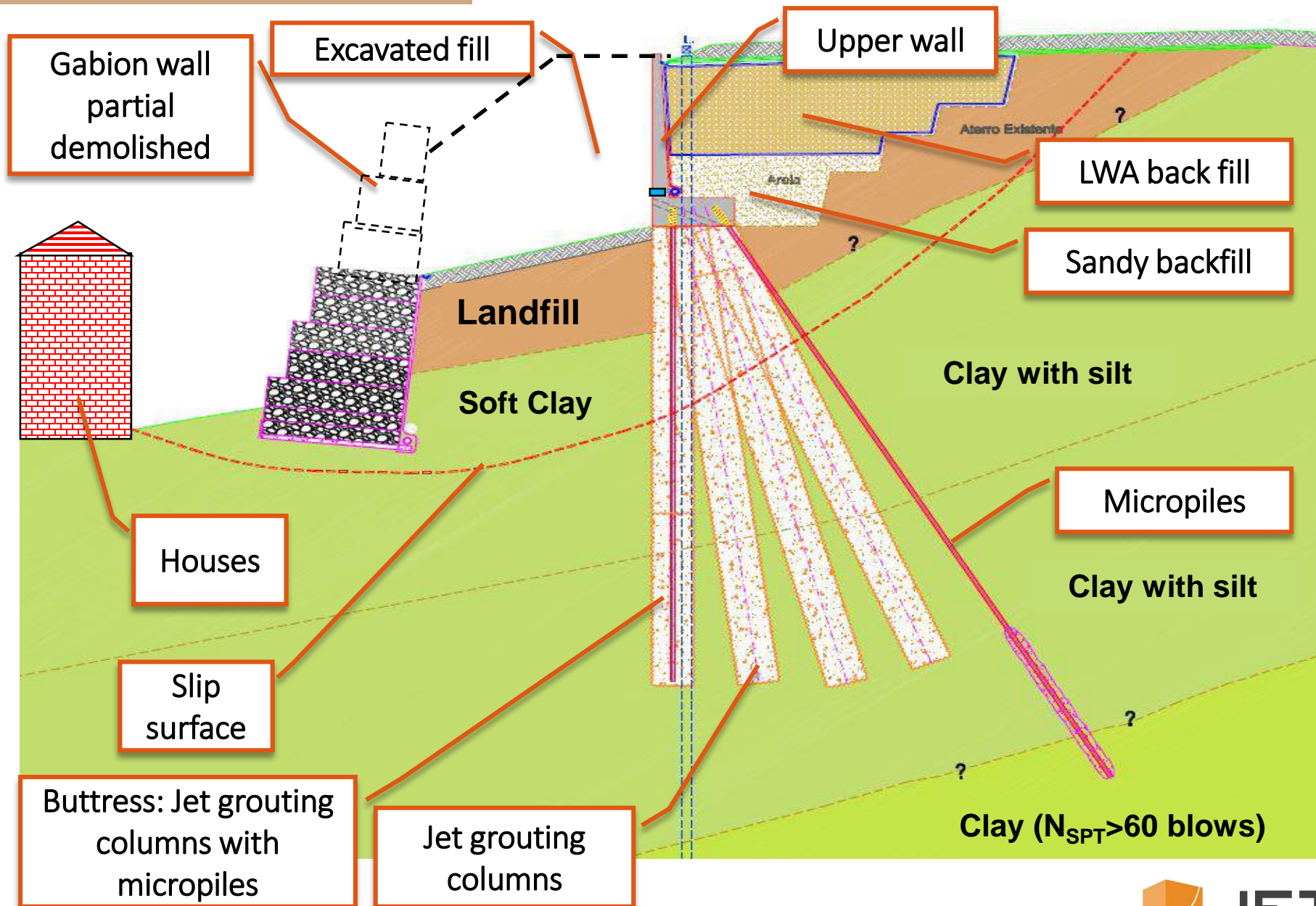
Upwards movement
close to gabion wall foundation

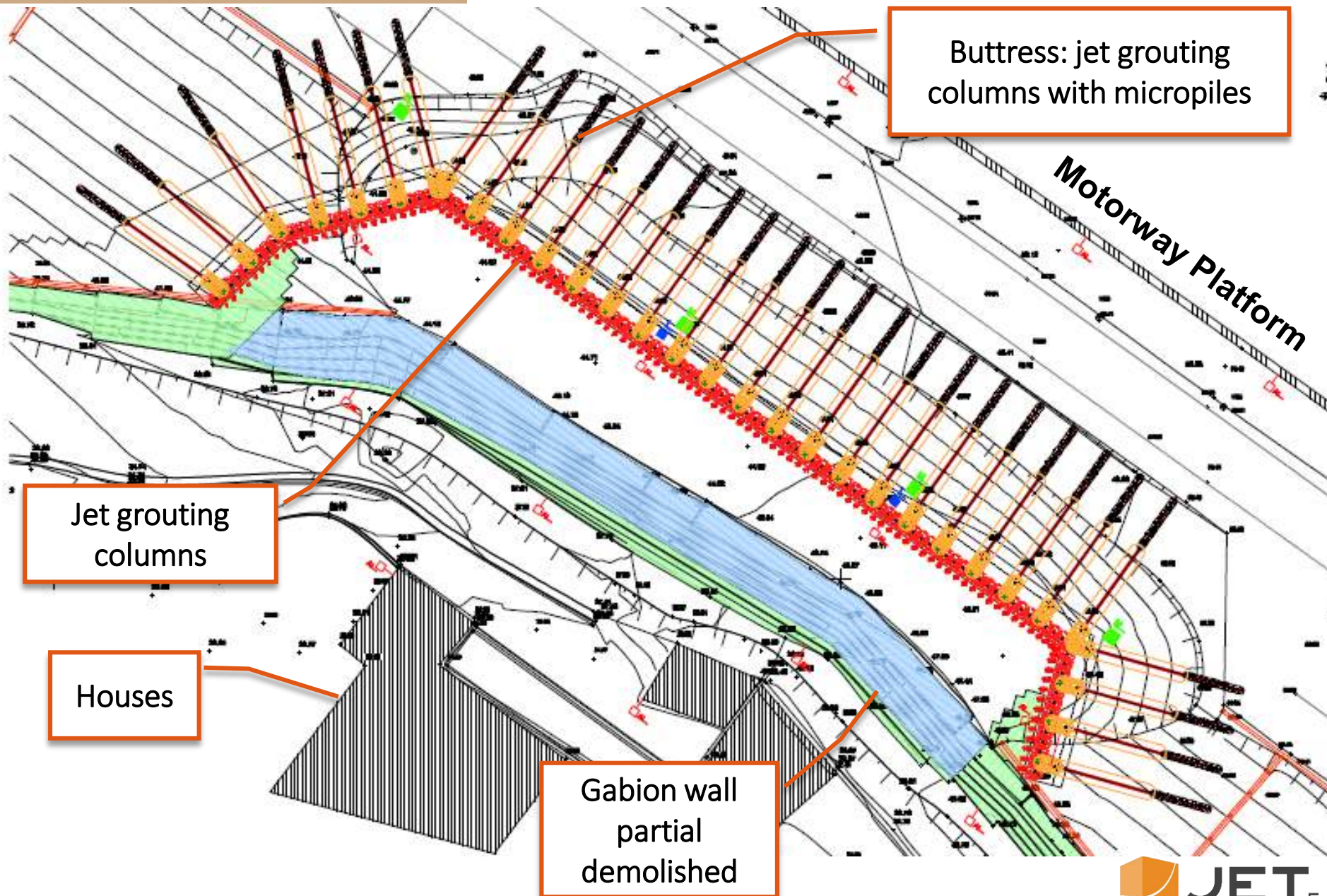


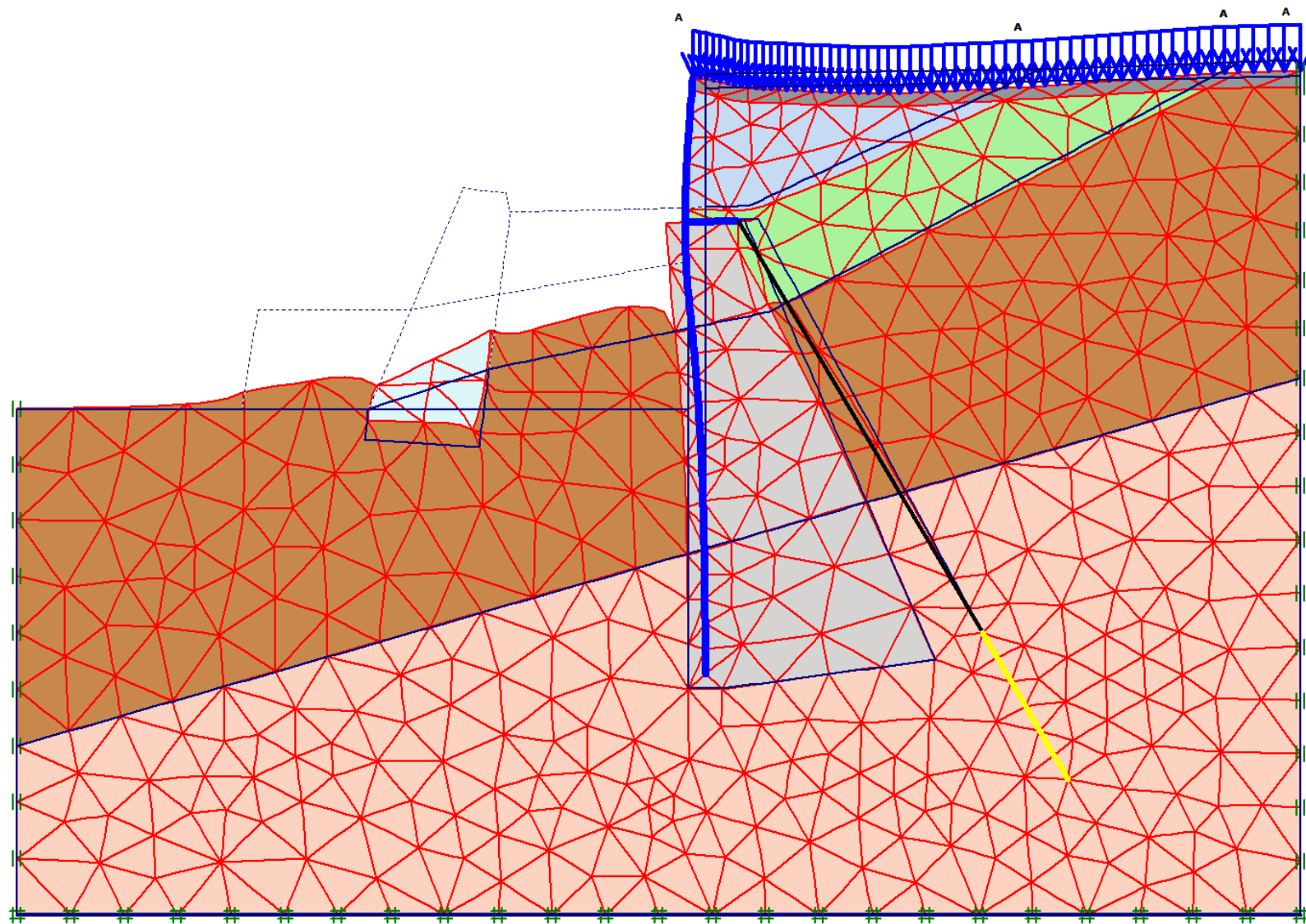


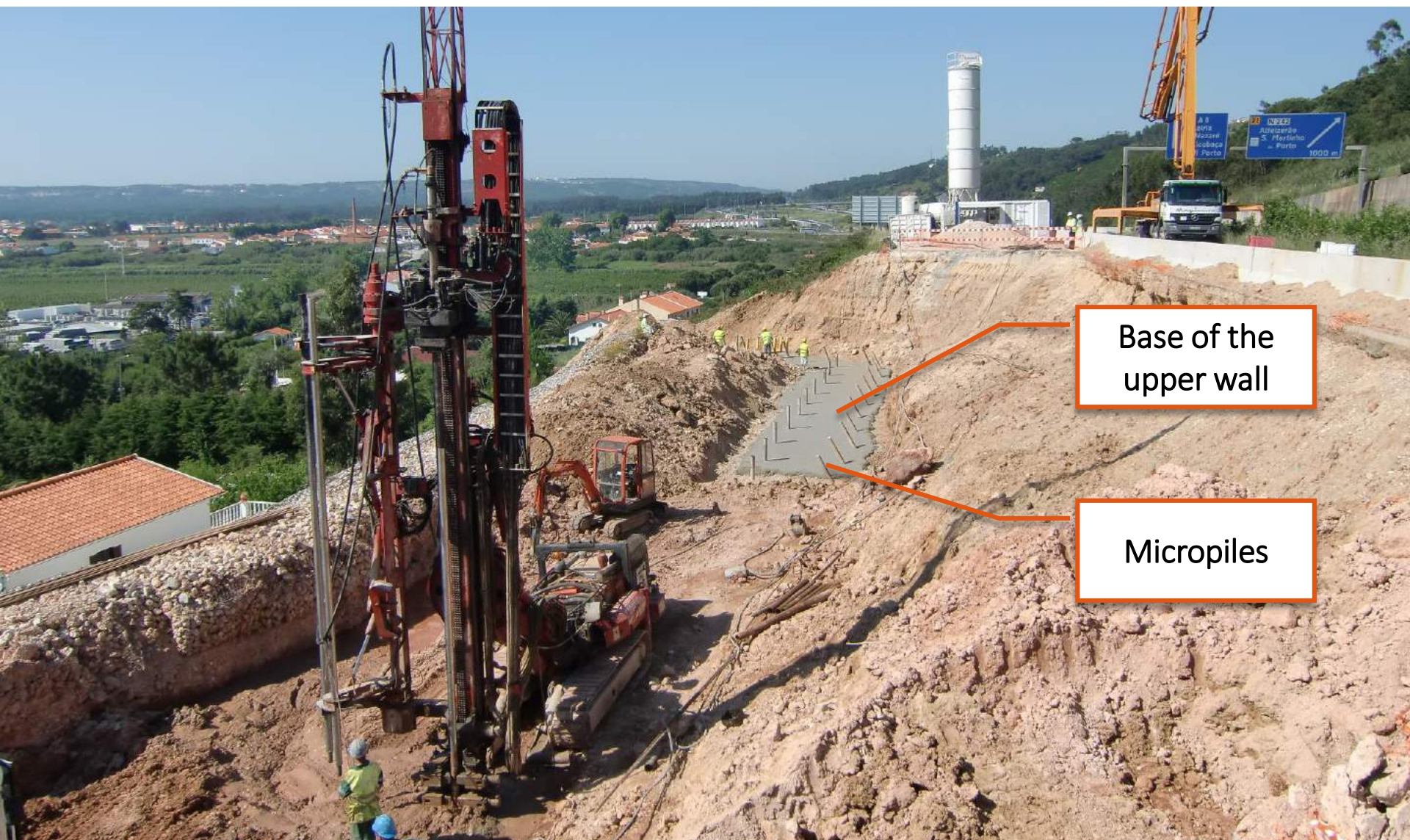








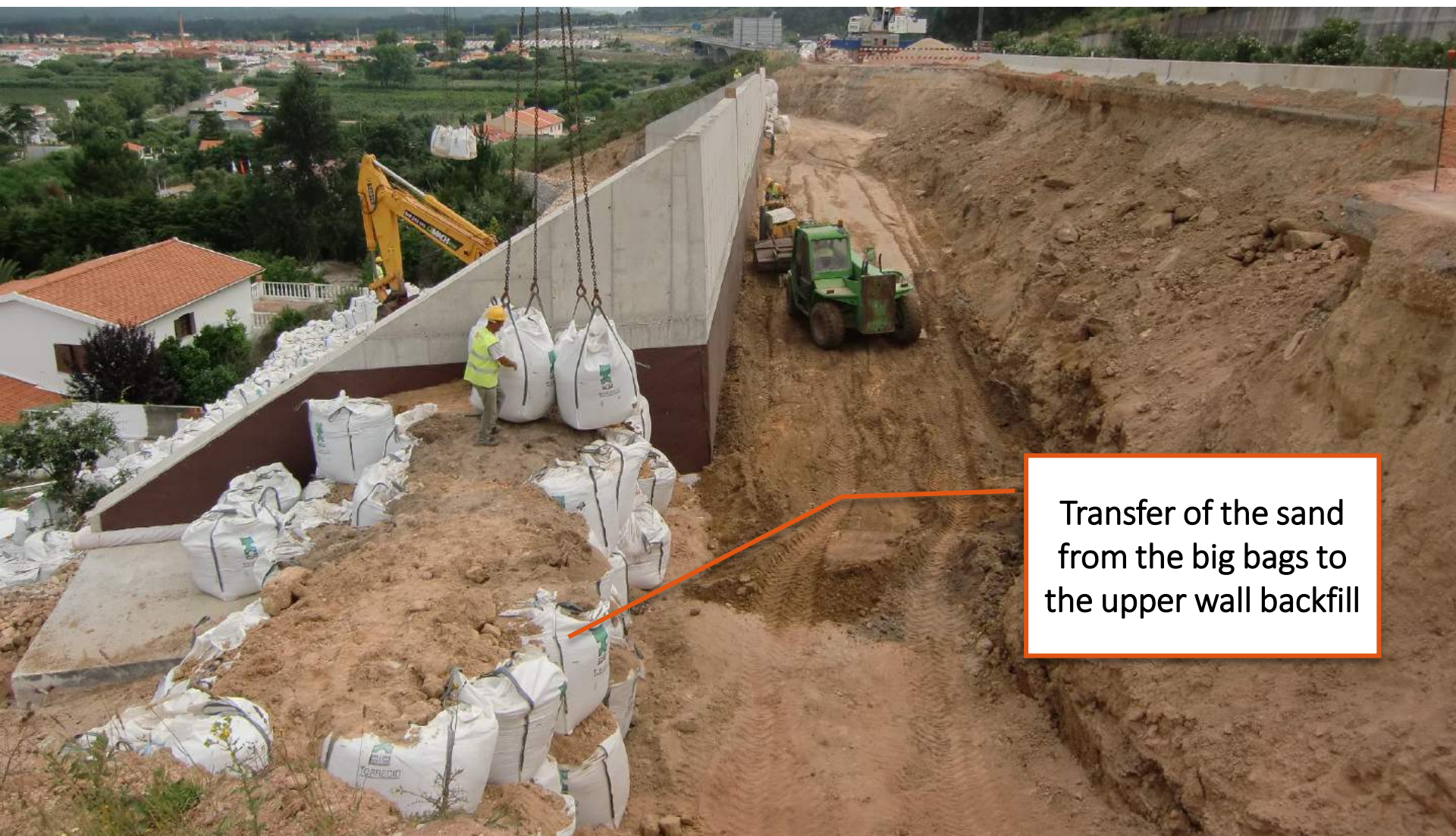




Base of the
upper wall

Micropiles





Transfer of the sand
from the big bags to
the upper wall backfill



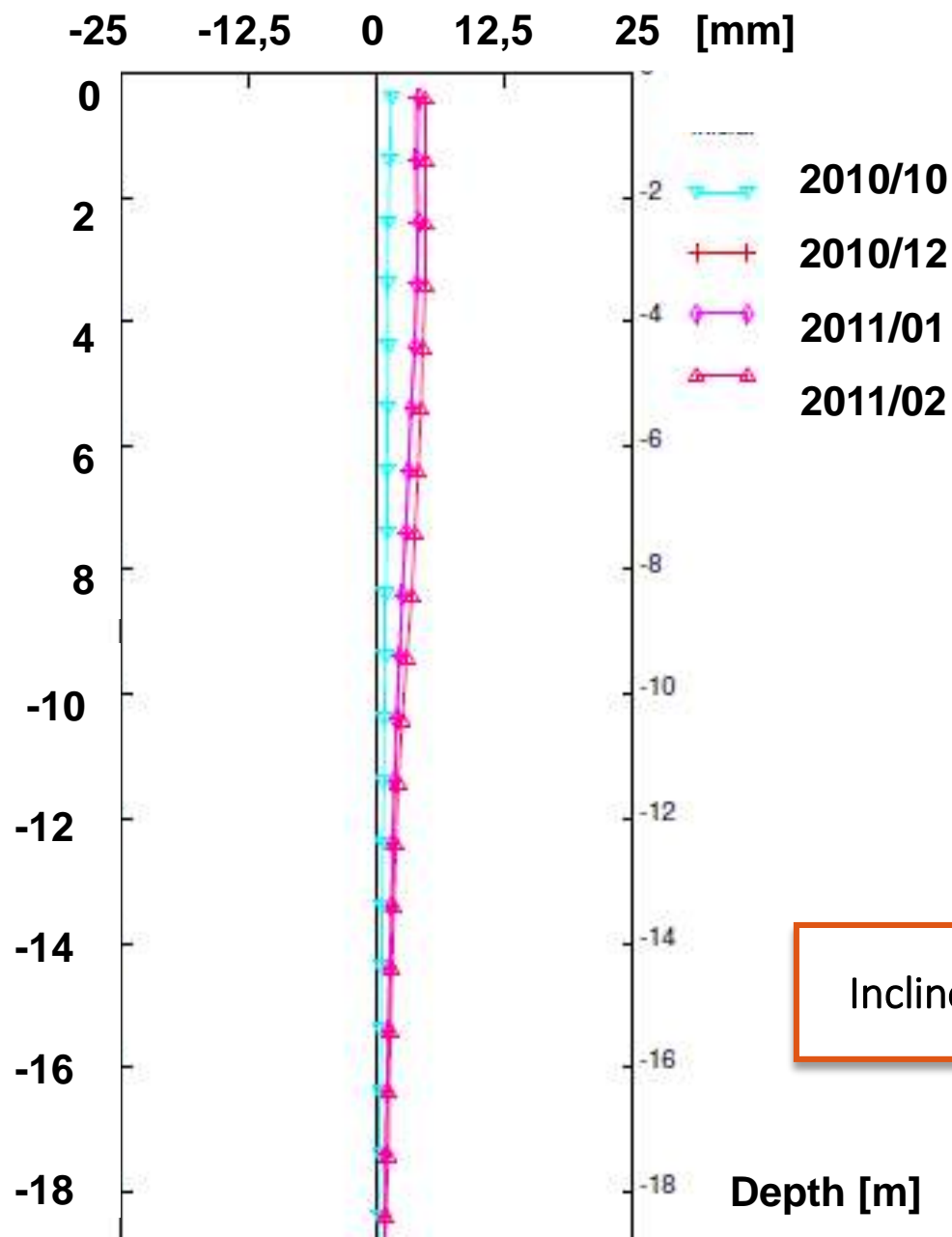


Jet grouting test
columns



Gathering of jet grouting
cores for UCS tests





Inclinometer



**OBRIGADO PELA
ATENÇÃO**