

# LESSONS LEARNED



## SAFETY

### FALL OF A PART OF THE PILING HAMMER



#### WHAT HAPPENED?



While driving a pile, the hammer broke into 2 parts and the upper part fell to the ground.

2 workers and the site manager are positioned at the base of the machine, the operator was in the cabin. No-one was directly in the track of the falling object. Two of the people had the reflex to move out of the way when they realized the rupture.



#### WHY DID IT HAPPEN?

- - The breakage is exceptional; this incident has never occurred at Franki Foundations
- - The Analysis of the fracture is smooth and sharp, and there is no visible sign of fatigue or plastic deformation
- - The fracture happened suddenly, and without preliminary "warning".
- - The same Diesel hammer was used for the previous phases of the worksite
- - The higher frequency used to drill on unexpected harder ground layers in working zone
- - Loose piece of hammer in chimney is uncontrolled and can be ejected freely



#### WHAT CAN WE LEARN FROM IT?

- - Respect the safety distances around machines for workers
- - Ensure no external companies have access to drilling area
- - Correct positioning of the operator in relation to the hammer (manual)

#### NEED MORE INFORMATION?

Consult your QHSE representative or send an e-mail to [QHSE@besix.com](mailto:QHSE@besix.com)