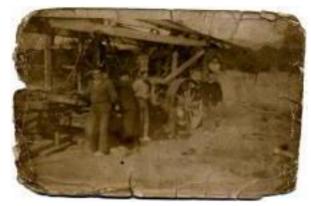


#### Dewatering & Waterproofing

100 years of history and experience support the uninterrupted trajectory of **FERRER**<sup>®</sup>, which was set up in 1916, when D. José Ferrer Roselló founded the company, focusing on the execution of water wells in order to meet the agricultural and urban needs in the Mediterranean geographic area. Ever since the very beginning, loyal to his principles, he has incorporated state of the art technology, referring to machinery as well as their applications.

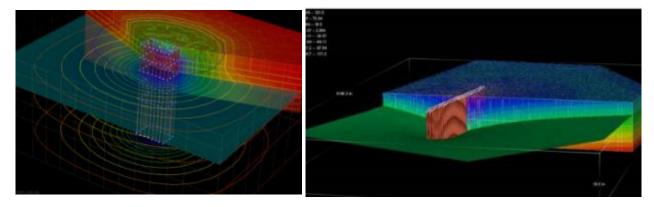




**FERRER**<sup>®,</sup> as expert, centers its activity on comprehensive groundwater and shallow water control (Dewatering), in the field of hydrology applied to mining industry, civil engineering construction, construction and the environment.

**FERRER**<sup>®</sup> believes in **continual training**, and hence keeps strategic alliances with **universities and Research centers**, rising its added value by combining **practice** based experience with science based **theory**.

This combination provides **FERRER**<sup>®</sup> with efficient state of the art technology and knowledge which is transferred to the professional community in the provision of its services, looking after **energetic and environmental efficiency** 





FERRER<sup>®</sup> backs its calculation models with specialized software, such as FEFLOW<sup>®</sup> (DHI-WASY), based on finite elements. Other programs for complementary use in the assessment are AquiferTest<sup>®</sup> y HydroGeo Analyst<sup>®</sup> (Schlumberger Water Services), GGU-DRAWDOWN<sup>®</sup> (Civilserve GmbH), and MWell<sup>®</sup> (Deltares), all under license.

**FERRER**<sup>®</sup>, in the field of hydrology applied to engineering, is a pioneer in the execution and dissemination of the relevance of correctly carried out <u>Aquifer Tests</u>, as an analysis method of the essential parameters in terms of hydrogeology (*Hydraulic Conductivity – K-, Transmissivity –T- and Storage Coefficient –S-*). Our Technical Department is equipped with advanced numeric computing technology for calculating and simulating various scenarios combining the obtained results with practice. **FERRER**<sup>®</sup> continuously develops efficient techniques in the area of **Dewatering, dual perforation system (OD, ODEX, DUPLEX), low and high capacity wells, superficial pumping, well point, combined systems, etc.** 

Further descriptive information can be found on our website <u>www.ferrersl.com</u>, as well as technical data sheets of previously carried out works.



Dewatering & Waterproofing

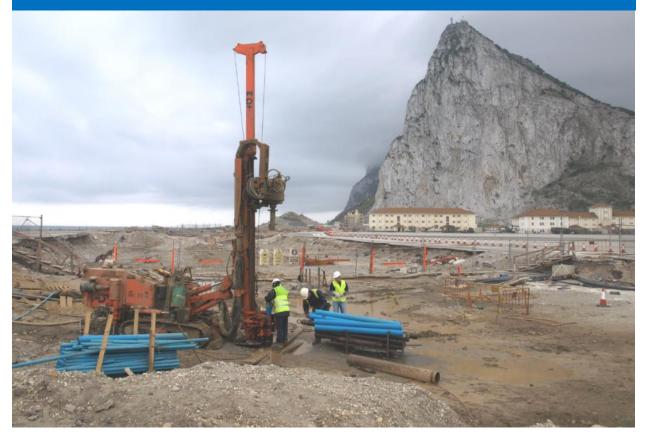


España Francia Italia Reino Unido México Panamá Cuba Colombia Perú Bolivia

### ACTIVADO PLAN DE DEWATERING – MELILLA -ESPAÑA



PLAN DE DEWATERING – GIBRALTAR -U.K.





#### PLAN DE DEWATERING - TREVISO - ITALIA



#### ACTIVADO PLAN DE DEWATERING - ORURO -BOLIVIA





#### ACTIVADO PLAN DE *DEWATERING* – CARTAGENA -COLOMBIA



ACTIVADO PLAN DE DEWATERING – PALMA MALLORCA



Dewatering & Waterproofing



España Francia Italia Reino Unido México Panamá Cuba Colombia Perú Bolivia

# CONDICIONES INICIALES – TÚNEL CALLAO - PERÚ



ACTIVADO PLAN DE DEWATERING – TÚNEL CALLO - PERÚ





#### ACTIVADO PLAN DE DEWATERING – PRESA PAC4 - PANAMÁ



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