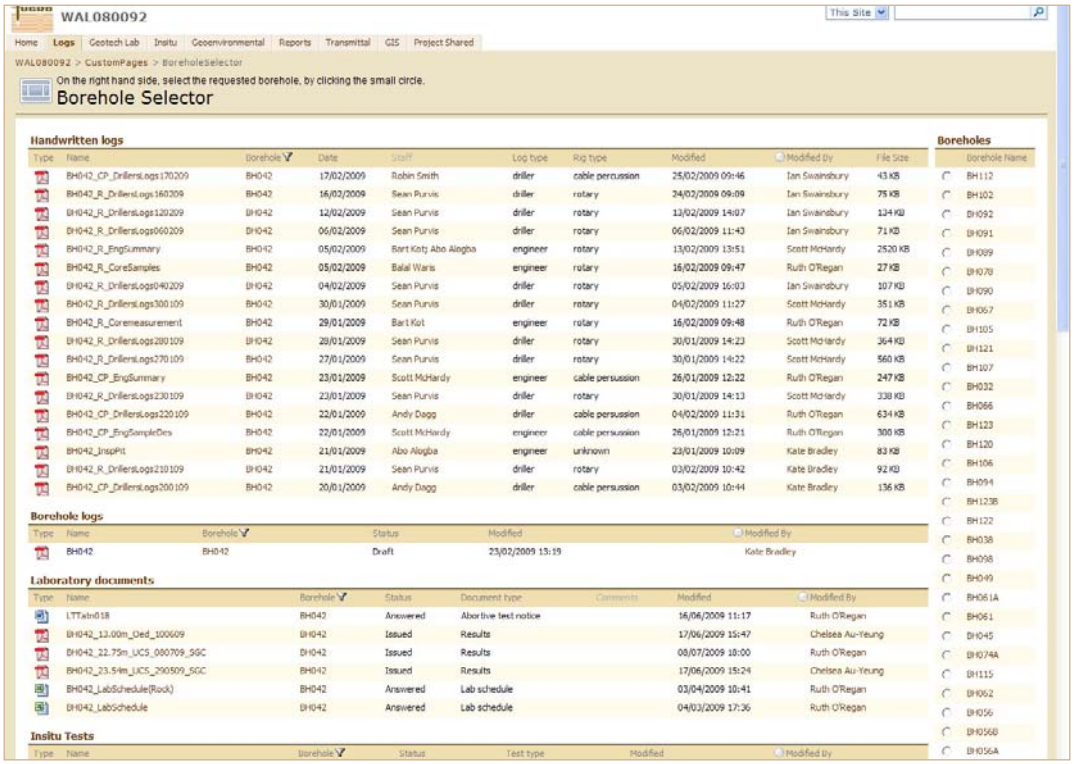
Fugro Engineering Services Limited

FugroOnLine – A new generation of extranet



Description

The number of documents exchanged during the course of a project has been growing rapidly. Email, the de facto standard communication tool, has promoted the transmission of draft or partial documents. Keeping track of all the different changes through existing tools has become almost impossible. Fugro Engineering Services have therefore developed an extranet solution, FugroOnLine, which simplify the delivery of data to our clients.

Part of the application is a web-based content management system, which is the central repository of all data. As most users are already familiar with web interfaces, the usability of the application is enhanced.

FugroOnLine benefits from custom properties, such as document status (draft, revised, final…), specific borehole identification, and identity of staff that carried out the work. Any document uploaded can be tagged with any number of these properties, increasing with the complexity of the project.

System security requires each user to have their own log-in credentials through a system of privileges which define what they can see and what they can do. It keeps track of all actions and logs them against the authenticated user. The ability to audit changes to this extent encourages users not to share their credentials and be more rigorous when revising data.

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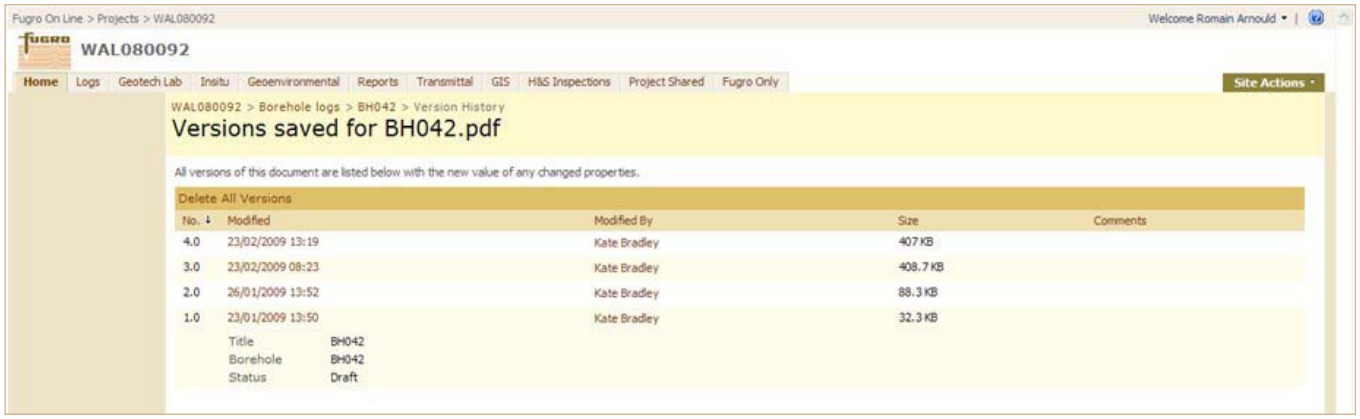
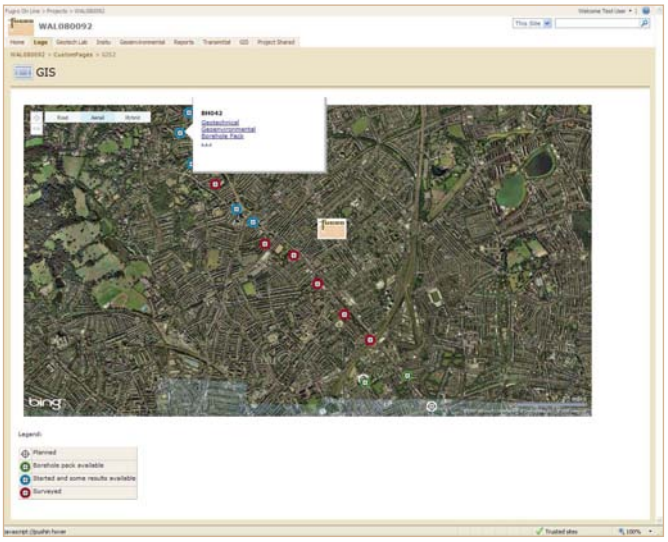


The application keeps all historical versions of the same document, but only the most up to date is readily accessible. For example, the user can view the history of the borehole log as it develops that displays for example three versions: one with a 1.20 m trial pit, one with the same trial pit, plus 15 m of cable percussion drilling, and a final version that adds rotary drilling to the depth of 85.5 m.

The platform includes an alert mechanism to email users when certain criteria are met. For example, a geoenvironmental engineer could subscribe to receive an email only when new documents related to chemical tests are uploaded.

A straightforward geographical information system (GIS) system is provided to allow access via a map based interface to, for example, progress information. It allows users to zoom in on any test location and access relevant information regarding completion status of each investigation. A pop-up window provides links to relevant documents in other areas of the website.



Other existing web-based systems can be relatively easily integrated. For example, following an initial soil investigation campaign, geomonitoring data obtained during the construction phase can be incorporated.

The Fugro Group is an international organisation with around thirteen thousand staff in over fifty countries.
Our major disciplines are Geotechnics, Environmental Services and Survey.

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