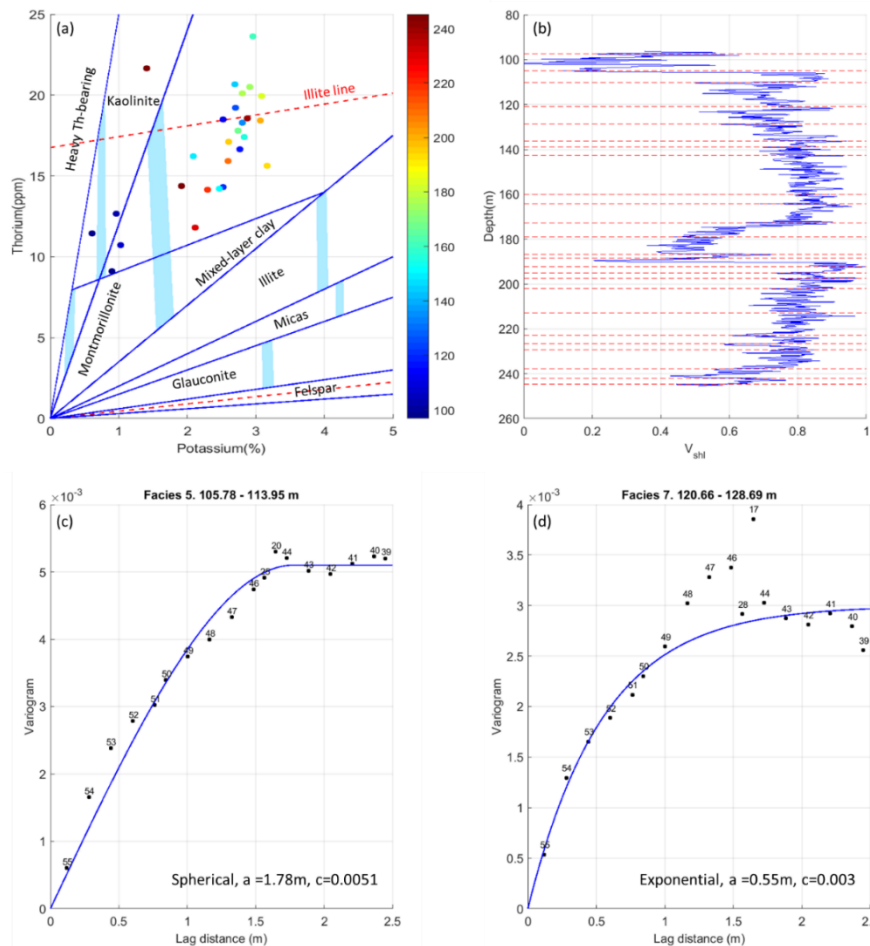


Workflow for the automatic interpretation of geophysical and petrophysical well-logs.

Client: Nagra

Keywords: Well logging, Automatic interpretation, geotechnics, software development



Summary: Stratigraphic sequences in boreholes are commonly estimated by interpreting combinations of well logs. The interpretation is subjective and tedious, what may lead to delayed or potentially poor on-site decisions. Therefore, an automatic, traceable and objective quick look of the lithology immediately after log completion represents a valuable tool to help with on-site decisions. A workflow for the interpretation of well logs defined as an optimization problem has been developed.