

## Digital Cabin with Data Calibration Services

It's not always necessary to have a full mudlogging unit on every job. PetroLogging's Digital Cabin provides a cost effective alternative. It is a self-contained, scaled-back mudlogging unit that can be easily mobilized on short notice and transported to the location. The technician working in the cabin ensures all wellsite data, including specialized logging-while-drilling (LWD) data is acquired and transmitted continuously to the Real-Time Operations Center (RTOC) and Geosteering Operations Center (GOC).



### Data Quality and Assurance

The Digital Cabin contains computer systems that enable the technician to monitor the information coming directly from the rig sensors and perform Data Quality and Assurance of the real-time data including making certain the sensors on the rig are performing within their calibrated specifications.

Our re-calibration service reviews incoming data point-by-point, compares surface readings to ensure logical values, alerts on out of range data and allows for data shifting and digital re-calibration.

Petrologging is independent and neutral with no bias to a service company. We report on the quality of data from your contractors to assist with benchmarking, ensuring you can trust your data feeds.

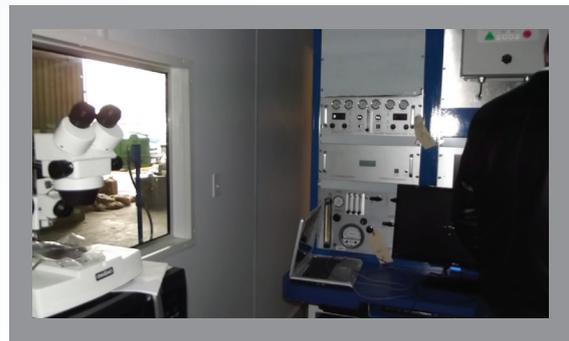
### Predictive Analytics

The cabin is unique in that it has sophisticated software that performs predictive data analytics on drilling, mechanical and geological data and is capable of alerting the driller of geological and safety concerns so preventive action can be taken.



## Digital Cabin - Features and Services

Each cabin is fitted with a wash station and a high-resolution, digital microscope with camera so cuttings can be washed, photographed and sent to the geologist in the operations center for analysis. A plotter is also available where logs can be printed in real-time.



- Direct rig sensor data acquisition and visualization
- Drilling sensor recalibration service
- Data quality and assurance reports
- Drilling data analytics and alerting
- Well control monitoring of key safety parameters
- Facility for washing formation cuttings
- 24 Hour onsite IT support service
- Full aggregation of all wellsite data and transfer to the PetroVault HD in the ETP format
- Clean working environment for the geologist if required
- Digital microscope for cuttings photographs on an as needed basis
- Large screen display of MWD image data for geosteering
- Geological log drawing capability
- Drilling optimization
- BOP Testing