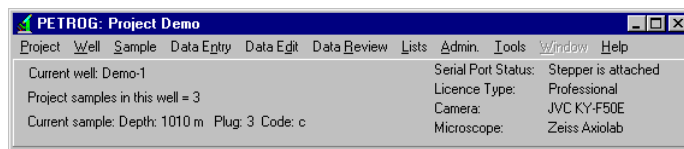

Tutorial 1 – Setting Up A Project

All sample data collected within **PETROG** is associated with a project and a well. Wells can belong to more than one project, but samples are only associated with one project.

Therefore, to collect petrographic data within **PETROG** it is first necessary to create a project and define a new well or assign an existing well to it. Samples are then created in the project and are associated with a well. In practise these various relationships are defined automatically by **PETROG**.

The all menu options are accessed from the **PETROG** main window. In addition, the main window provides details of the currently active project, well and sample.



PETROG main window.

To create a project within **PETROG** follow the steps summarised below. Configuring the data collection interface (see) is not necessary at this stage, as the software will be installed with defaults suitable for your first project.

Creating a New Project and Well

To create a new project and well in **PETROG** (see [Defining a New Project](#) and for further details):

- Select the menu option `Project | New Project`;

- Enter a project name (e.g. FirstProject) and select a client (optional);

- Click the **New Well** button. Enter a well name (mandatory; e.g. FirstProject-1) and select Country, Area, Operator, Reference Datum, Depth Scale (all optional) and Units (mandatory) from the drop down lists. Click **OK** to confirm the details;

Note: Country and Area are necessary to use the **PETROG** lithostratigraphy dictionaries.

- Click **OK** on the New Project window. You have now created a new project containing one well.

Creating a Sample

To create a new sample in **PETROG** (see [Defining a New Sample](#) for further details):

Select the menu option Sample|New Sample;

In the Sample Reference section type in a sample Depth, Plug No. and/or Code and click **Accept**. This defines the sample uniquely;

Note: If you wish you can enter details about the sample, but these are all optional.

Click the Data Entry Method tab sheet label and select the Texture Estimation radio button followed by the adjacent **Define** button;

Select the input option your want from the various drop down lists in the Define Texture- Estimation window. Click **OK**;

Note: It is suggested that you choose the first option in each list for your first project.

Select the Composition Quantitative radio button followed by the adjacent **Define** button;

Note: A number of default TickLists are shown in the Define Composition - Quantitative window. It is suggested that these are used for the first project.

Set the Count Target to the number of counts you want to collect;

Note: Set a count target of 50 for training purposes.

Next if you are using a MicroStepper supplied by **CVS** click the **Setup Stepper** button. This will take you to the stepper setup window where you need to define the Area of Interest of the thin section (see [MicroStepper Setup](#)). If are you using a Prior Instruments electro-magnetic stepper then skip this item;

Click **OK** on the New Sample window. You have now created a sample for the project and data entry can start.