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## Tutorial 3 – Editing Data

Once data has been collected for a sample within **PETROG**, it is possible to edit (both textural & compositional) and review (compositional data only) the data (see [Data Editing](#) & [Data Review](#)).

### Editing Textural Data

To edit textural data entered in **PETROG**:

Select `Data Edit | Texture - Estimation` (see [Editing Textural - Estimation Data](#)). This opens the Data Edit Texture - Estimation window. If you have saved an image during textural data collection this will be displayed;

In the Data Edit Texture - Estimation window any values you think incorrect can be changed in the same way as you entered the data. Once you have finished editing the data, click **OK**.

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**Important:** Editing Estimation Textural data changes the original data.

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### Editing Compositional Data

Compositional data editing is useful for correcting possible misidentification of particular **Items** or where the understanding of relationships between items has changed during data collection. During data editing the proportion of matrix materials and authigenic clays assigned as microporosity can also be changed such that the total 'Observed' porosity matches the 'Core Analysis Porosity' (where such data is available for a sample; see [Porosity Summary](#)).

Compositional data can be edited in a number of ways. **Item** abundance (%) can be varied, **Items**, **Qualifiers** and **Relationships** can be changed or deleted, and **Items** with only 'Trace' abundance can be added (see [Editing Composition Data](#)). Images and comments stored with data points can aid this process.

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**Important:** Editing Compositional data results in the creation of a new edited data set. The original data is not changed.

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To edit compositional data entered in **PETROG**:

Select `Data Edit | Composition`. This opens the Data Edit Composition - Quantitative window;

During data editing it can be useful to also open the Mineralogical Summary and Porosity Summary windows concurrently with the Data Edit window, for instance when balancing observed porosity values with core analysis data. To do this select `Data Review | Mineralogical Summary & Porosity Summary`;

To change the abundance (%) of any of the compositional data:

**LMB** click on the **Item** you wish to change, and use the spin boxes provided to change the value as necessary;

To edit the **Qualifier** or **Relationship** for any data point and level:

**RMB** click on the **Qualifier** or **Relationship** you wish to edit. This will open a menu from which you should select the Edit option (e.g. Edit Qual. 1);

From the Select Qualifier or Relationship window select the new **Qualifier** or **Relationship** you require and then click **OK**;

To add items that are present in the sample but where not counted ('Trace' **Items**):

Select the **Add Item** button and follow the procedure detailed in [Adding Geological Items to the Sample](#);

When you have completed compositional data editing, click the **OK** button.

You have now completed the basic procedures of project, well and sample definition, together with data entry and editing that occurs within **PETROG**. Each section of the Help documentation provides detailed descriptions of how the software works and how it can be configured for the particular requirements of a project. In addition, almost every window has a **Help** button that will provide context sensitive help if clicked.