Current Affairs
A Window on Software Engineering

Import Parameter and Geometry Sets from Other Projects

In MineSight® 3-D v.3.50-00 there are two new functions that will allow you to import the same parameters used in one project to another when doing a pit expansion or working with a model view.

Parameter Sets in Pit Expansion

A new function has been added to the **Pit Expansion** tool, on the **Parameter Sets** page dialog, **Import Parameter Sets** (Figure 1, shown circled in red).

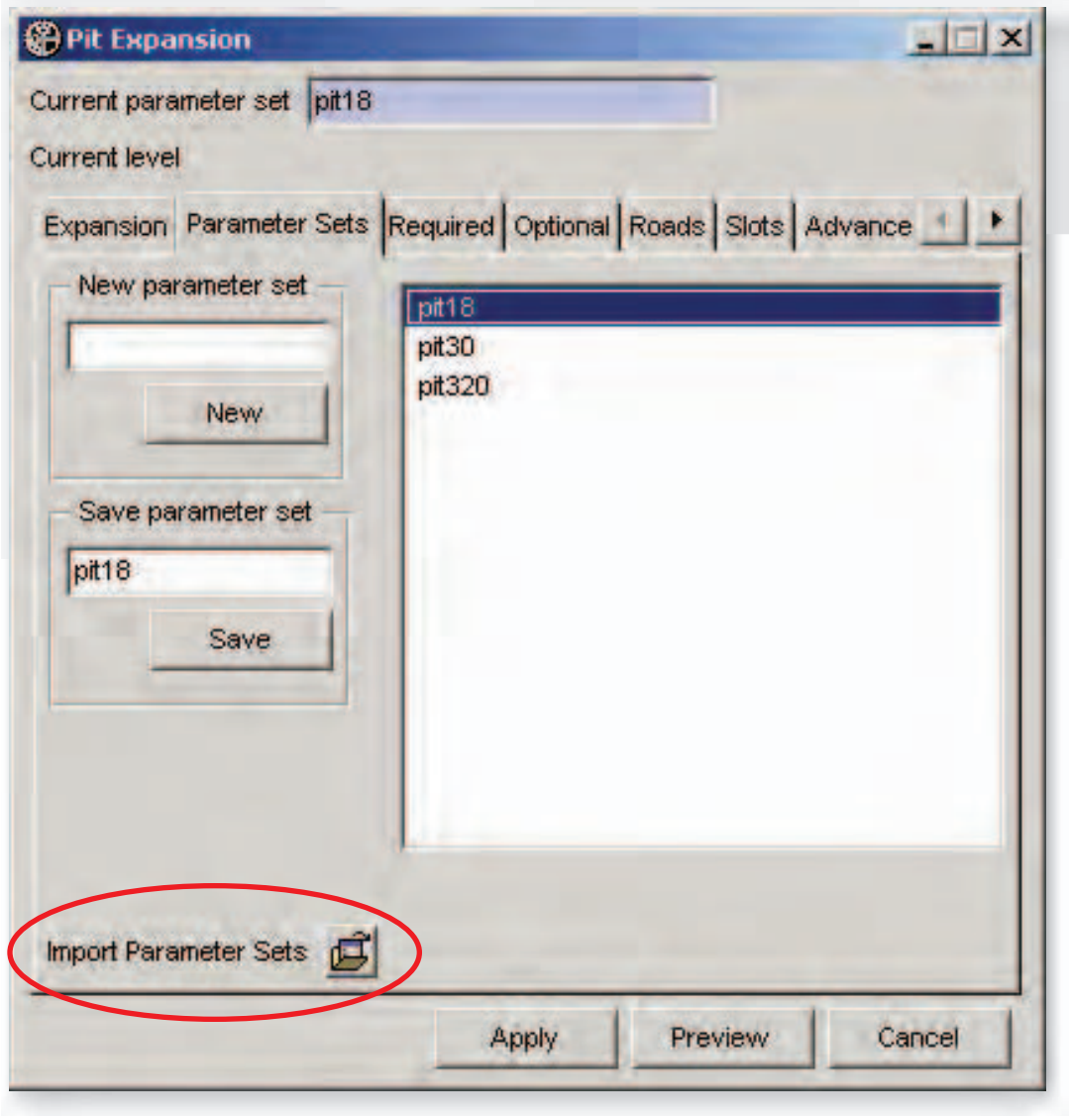

Figure 1, shows the **Pit Expansion** *tool,* **Parameters Sets** *page dialog.*

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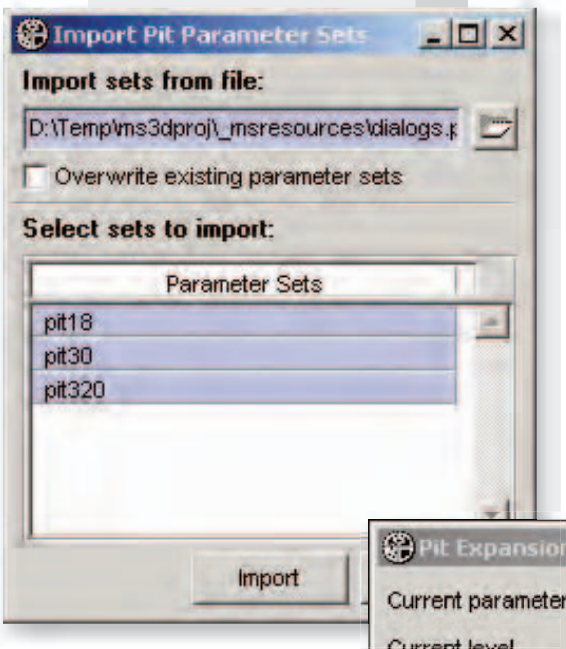
Parameter Sets are used to define, select, and save information entered on the **Required**, **Optional**, **Road**, and **Slot** pages for use by the **Pit Expansion** tool. **Parameter Sets** are contained in a project's **`dialogs.ptf`** file, which is located in a project's **`\_msresources`** directory.



To import a parameter set from another project, click on the **Import Parameters Sets** icon , and the **Import Pit Parameter Sets** dialog will be displayed (Figure 2).

Click on the file chooser and browse to the **`\_msresources`** directory in the project that has the parameters you want to use and select that project's **`dialogs.ptf`** file. Then select the sets from the table that you want to import and click on the **Import** button. If there are any existing **Parameter Sets** in the current working project with the same name as those you want to import, you can optionally choose to overwrite them with the version being imported.

Figure 2 (above) shows the **Import Pit Parameters Sets** *page dialog.*

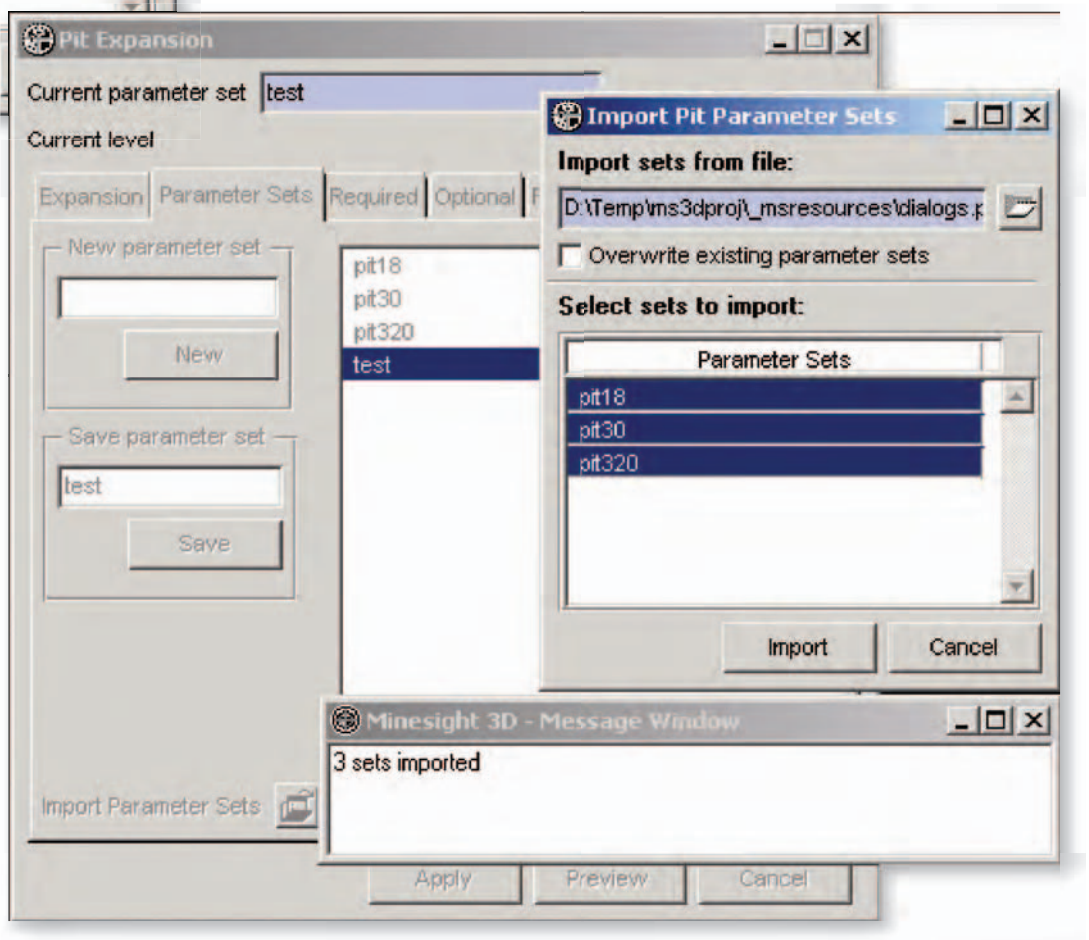


Figure 3 shows the three selected **Parameter Sets** *that were successfully imported.*

To use one of the imported **Parameter Sets**, select it, then click-right and choose **Switch to** from the popup menu (as shown in Figure 4). The name of the **Parameter Set** you chose will then be displayed at the top as the Current parameter set and entered in Save parameter set field. Click **Save** to save it to the current project's **`dialogs.ptf`** file.

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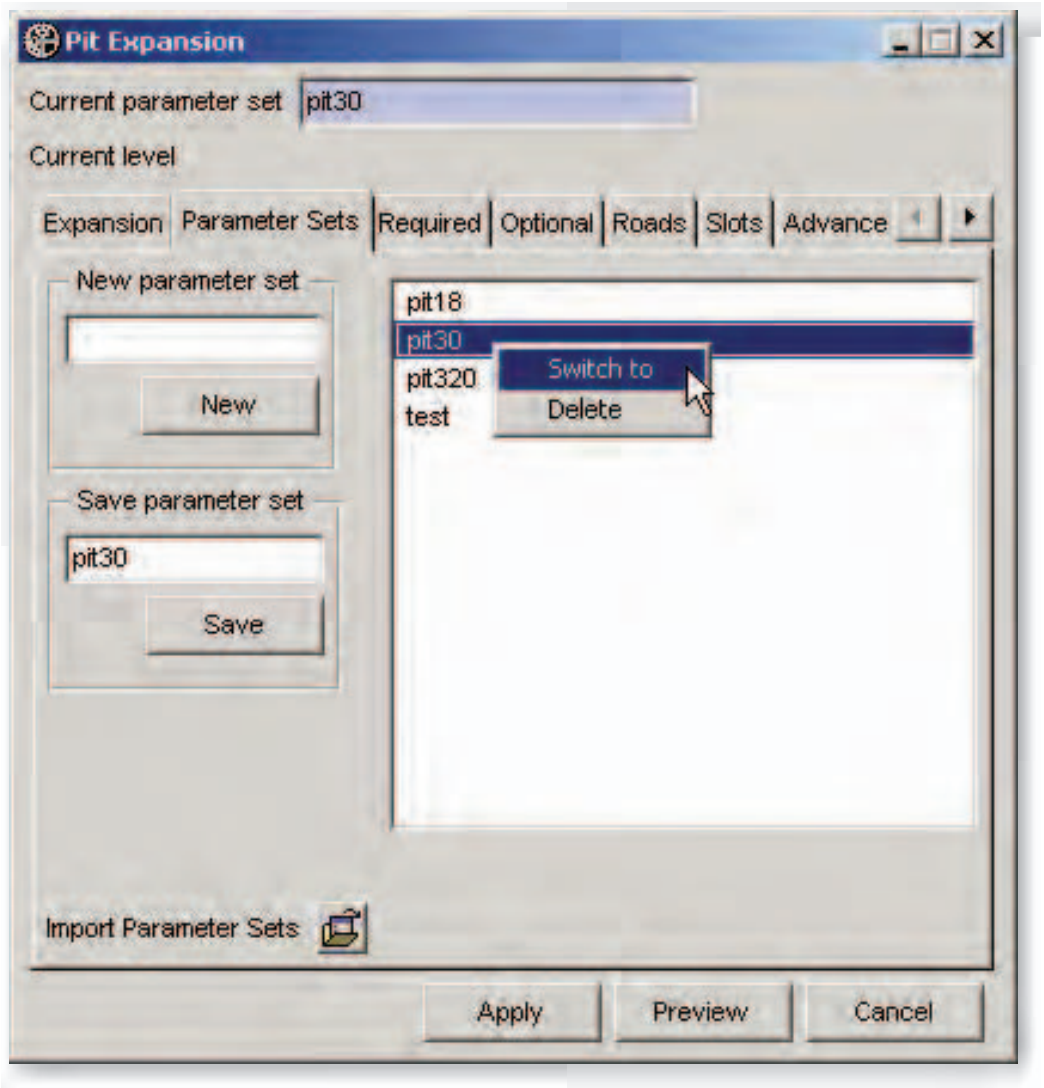

Figure 4 shows how to choose the **Parameter Set** *you want to use.*

Geometry Sets in Model Views

The ability to import **Geometry Sets** from other projects has also been added to MineSight® 3D v.3.50-00. If you use certain sets of solids, surfaces, or polygons for model coding in one project and want to use the same set in another project without having to reselect the various geometry objects again, you can import the parameter file from another project into the current working project.

The available geometry sets in a project are contained in a project's **`dialogs.ptf`** file, which is located in a project's **`\_msresources`** directory.

To import a **Geometry Set** from another project into the current working directory, from to the **Geometry** tab page dialog in the **Model View Editor**, click on the **Import** button (circled in red in Figure 5). The **Import Geometry Sets** dialog will then be displayed (Figure 6). Use the file chooser to locate and select the **`dialogs.ptf`** file that contains the **Geometry Set** you want to import. Then select the sets to be imported from the table and click **Import**. If there are any existing **Geometry Sets** in the current working project with the same name as those you want to import, you can optionally choose to overwrite them with the version being imported.

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(Import Parameter and Geometry Sets from Other Projects continued from page 7)

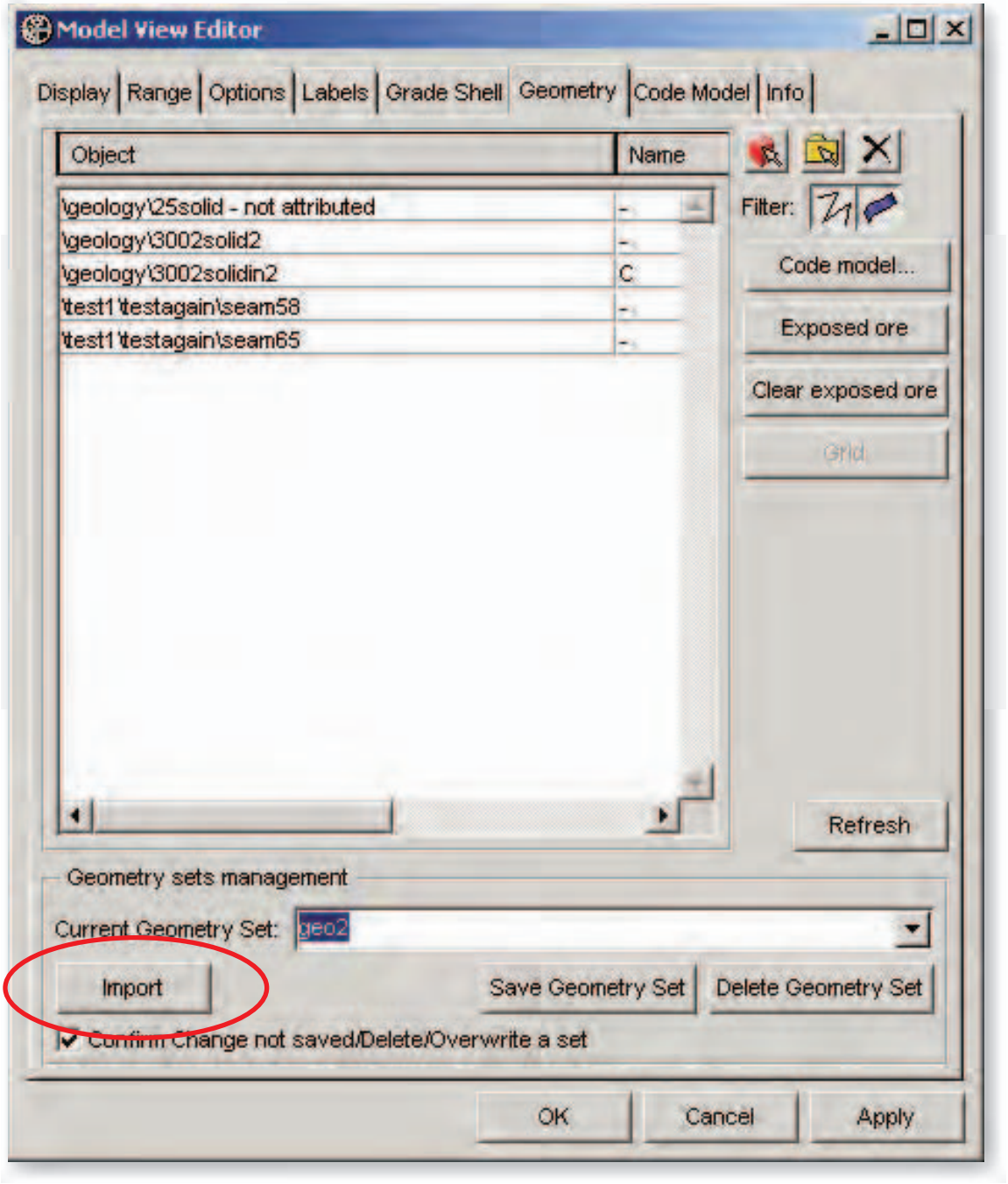

Figure 5 shows the **Model View Editor**, *open to the* **Geometry** *tab page dialog with the* **Import** *button circled in red.*

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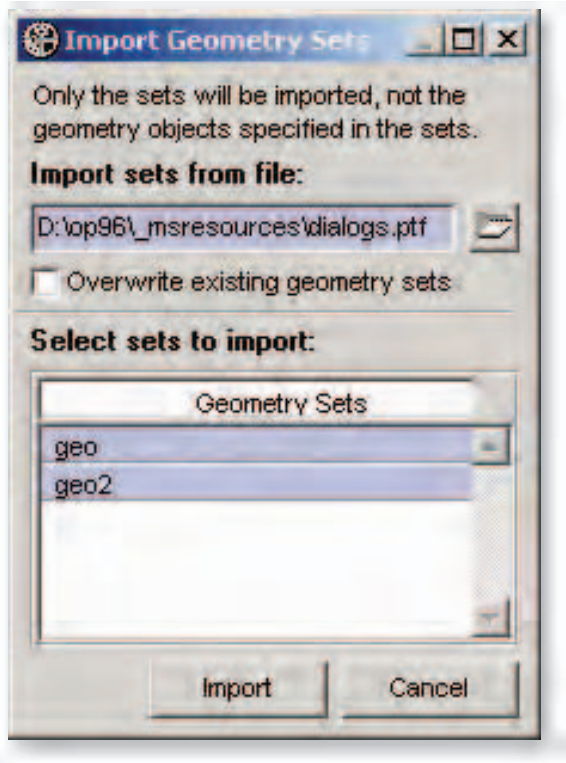

Figure 6 shows the **Import Geometry Sets** *dialog.*

Note that only the **Geometry Sets** are imported, not the geometry objects contained in the sets! The actual msr files must be imported into the current project; be sure to mimic the original directory structure location when copying the files into the current working directory [e.g., if the **`.msr`** file is located in **`\_msresources\geology`**, it must also exist in **`\_msresources\geology`** in the current working project (as shown in Figure 5, after import)].

To use one of the imported **Geometry Sets**, click on the down arrow and select one from the dropdown menu as shown in Figure 7.

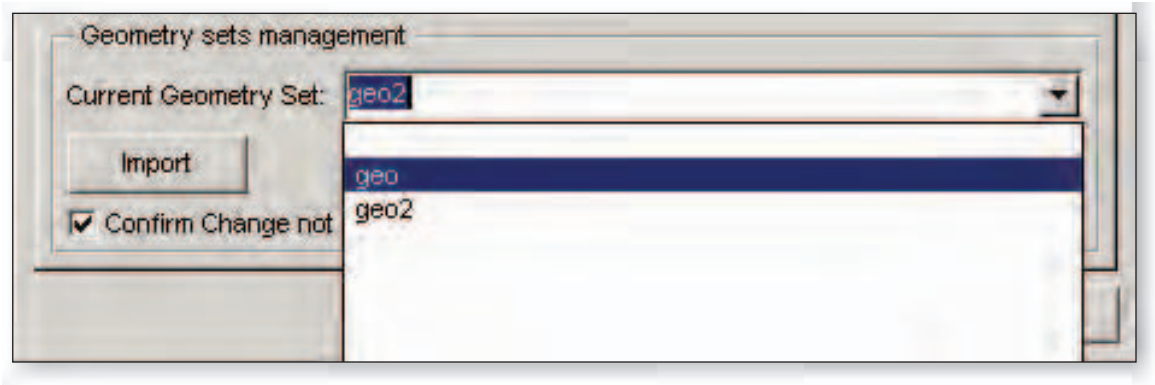

Figure 7 shows the **Geometry Set** *management portion found on the* **Geometry** *tab page dialog and the dropdown menu from which to choose a different* **Geometry Set**.