





Introduction

Power*Log / Core & Curve™ (Petrographical Office and Wellsite Evaluation and Reporting) is a chip sample and core logging program that utilizes single-entry data capturing to produce geological striplogs and corelogs. The geological data is entered into the system through the use of intuitive data entry forms to ensure standardization of data. This data is stored in an RDBMS (Relational Database Management System) to allow data manipulation using SQL (Structured Query Language) access tools.

Power*Log / Core & Curve™ Software consists of Four (4) Main Sections:

1. A log editor module that allows you to change the striplogs to suit your needs and preferences.
2. A data transfer module.
3. Report printing modules.
4. An on-line help system that is designed to familiarize you with the commands and functions available in Power*Log / Core & Curve™ and lead you through many of the processes involved in creating logs.

Starting Power*Log / Core & Curve™...

1. Double click on the Power*Log / Core & Curve™  icon. This brings you into the Power*Log / Core & Curve™ program. The first window to appear will be the Security window with the registration and copyright information. Click on the  button to acknowledge the window. A Connect Database window will immediately appear. See the “Connect” section, later in this User Manual to learn more about how to connect to a database.
1. Highlight the **Pgeology V9.0 Metric (Microsoft Access Driver [*.mdb])** database by **clicking** on it once, if it is not already highlighted.
2. Move your mouse pointer to the **User ID** data field and **click** once to activate a flashing cursor in the **User ID** field. Then, type **pgeology** in the **User ID** field. Press the **Tab** key on the keyboard.
3. Type **pgeology** in the **Password** field and then **click** on the  button. The program will now load various dictionaries and will activate an **Open Log** window.
4. **Double click** on a log to open an existing log or click on the **New Log**  button to start a new log/well. You are now in the **Power*Log / Core & Curve™** environment.

Navigating through Power*Log / Core & Curve™:

When you are entering information into data forms, you may move between boxes/fields by pressing the **Tab** key to go forward and **Shift +Tab** to move backwards. To exit forms that do not have an **Exit**, **OK**, or **Cancel** button, press the **Esc** key on the keyboard.

The various fields located in the **Power*Log / Core & Curve™** dialog boxes have character restrictions. “**Field Restriction Tables**” are provided in this manual that provide a useful reference to help you enter the appropriate amount of characters or numbers in each field.

Reading the Field Restriction Tables:

The tables have four columns each and resemble the example table shown below:

Field Title	Type of Data		
UWI	Character	20	Mandatory
Top Depth	Numeric	5.2	Optional
		Maximum # of Characters/Numbers Allowed	Mandatory / Optional

For numeric fields, the maximum amount of numbers allowed is represented on the table as a decimal. The number that precedes the decimal indicates how many numbers you may place before a decimal point and the number following the decimal represents how many numbers may follow the decimal point.

For example: If the number on the Field Restriction Table is 5.2. You may place five (5) digits before the decimal point and two(2) digits after the decimal point. The range of numbers available, in this particular case, is -99999.99 to 99999.99. If you enter too many numbers in a field, your current record will not be saved. Instead, the offending field is highlighted and an error message appears in the lower left side of the **Status Bar**.

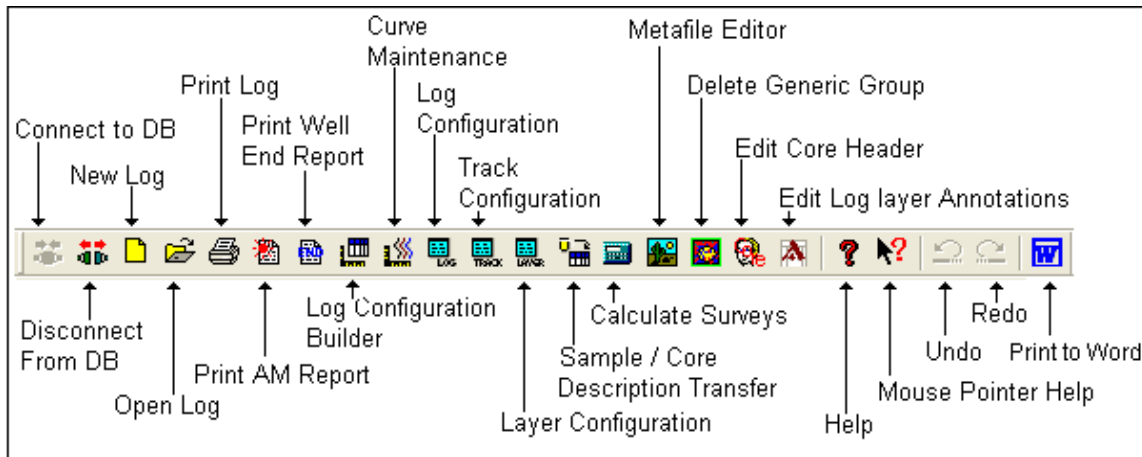
Any key on the keyboard is considered a character, so you may place letters, numbers, and symbols in any **CHARACTER** field. You may enter as many characters as that field allows (this is represented as a whole number on the **Field Restriction Table**). If the field is categorized as DATE FORMAT, then you must use the proper date and time format that you have selected in your **System Options**.

If a field is **MANDATORY**, it must be filled in before you can save a record. **Power*Log / Core & Curve™** uses these mandatory fields to identify records in the database. Therefore, if you have not filled in a mandatory field and you try to save the record, the offending field is highlighted and an error message appears in the lower left side of the **Status Bar**.

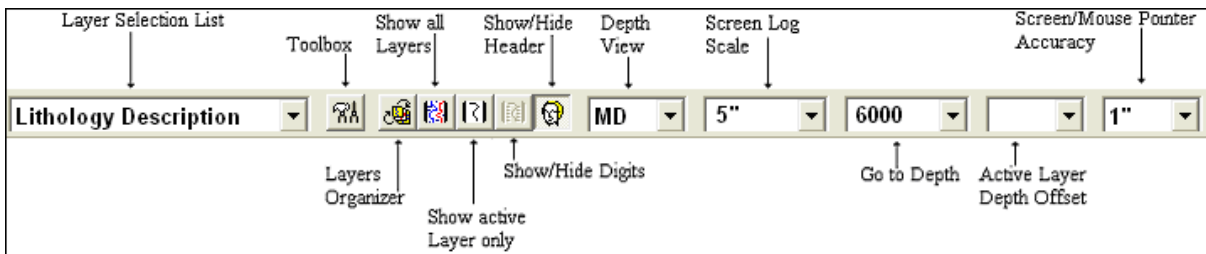
Accessing the On-line Help System in Power*Log / Core & Curve™:

You can make use of the context sensitive help by pressing the **F1** key when you are in a dialog box. A pertinent help file will appear, opened to the topic relevant to the dialog box you are in.

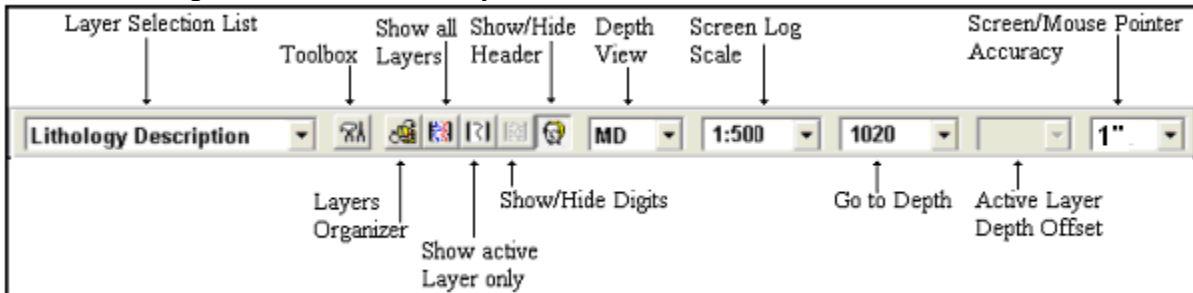
The Toolbar



The Selection Bar...

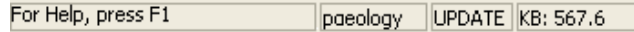


Selection Bar Using the Default American Style Inches Screen Scale



Selection Bar Using the Metric Style Selection Utilizing a Ratio for Screen Scale

The Status Bar...

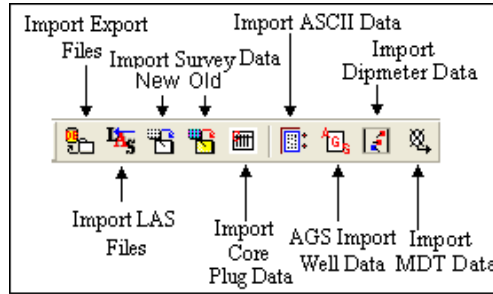


The **Status Bar** displays system status messages and any error message (associated with a field entry), in the far left corner. The KB elevation is displayed in the lower right corner of the **Status Bar**.

The Import Toolbar

This toolbar is dock able and can be moved to different places on the screen.

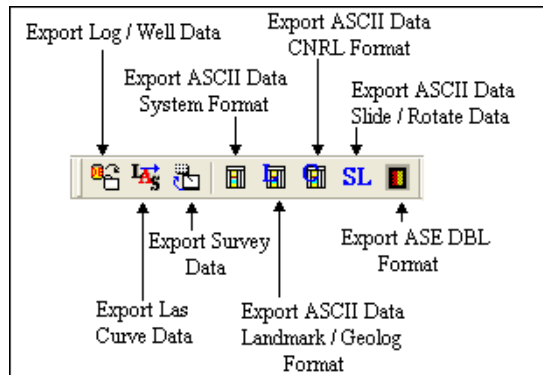
The Power*Log / Core & Curve™ Import Toolbar...



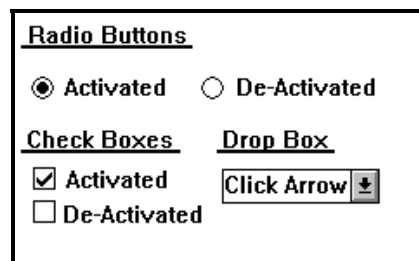
The Export Toolbar

This toolbar is dock able and can be moved to different places on the screen.

The Power*Log / Core & Curve™ Export Toolbar...



Button, Check box and drop box types.



The Four (4) Main On-line Help System Categories:

Commands - Descriptions of each menu command within Power*Log / Core & Curve™.

Toolbar - Shortcuts to common commands are explained.

Database Table Operations - Commands or functions related to the Database Table are described.

Quick Reference Guide - The portion of the On-line Help System that quickly refers you to some of the more commonly performed tasks.