

# Discover the Depths of Your Data!

*Golden Software Presents a Powerful and Innovative Well  
Log and Borehole Plotting Software  
Program for Geoscientists*

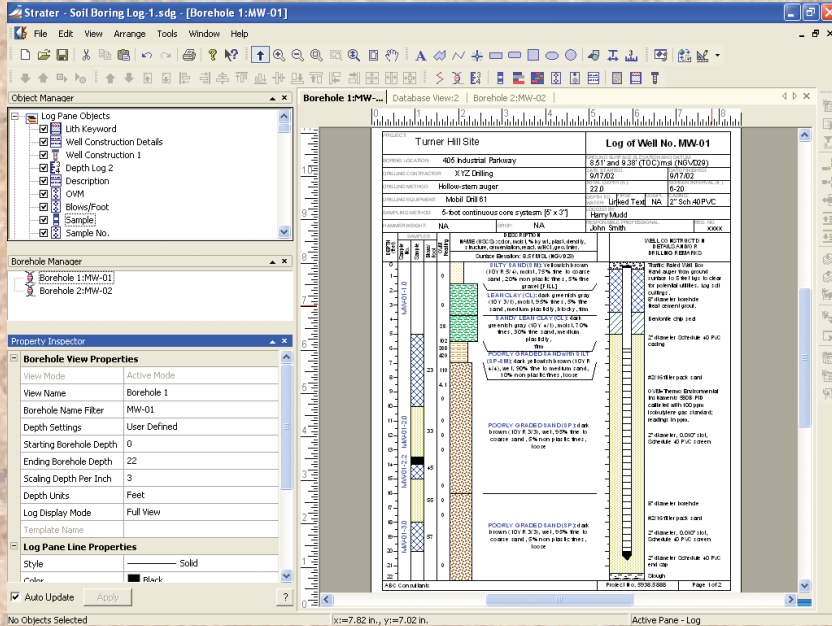


# Strater<sup>TM</sup>

Golden Software, Inc.

# Strater™

From the developers of Surfer®



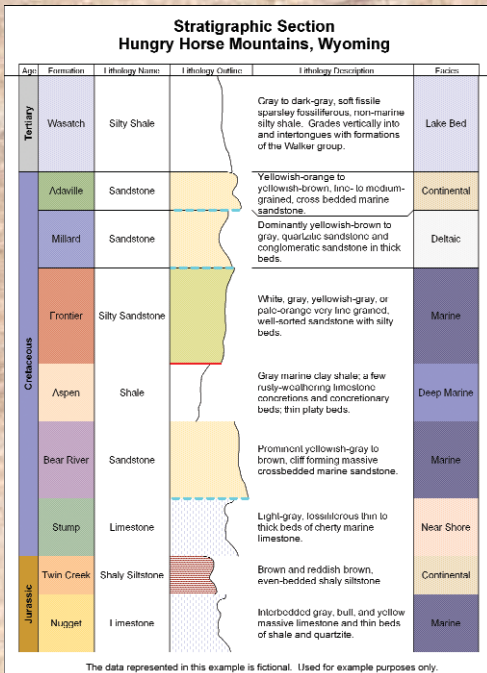
**"Strater is selling itself. This is a good tool."**

*-James Dilts  
Consulting Geologist*

**"Strater has VERY GOOD functionality and in my opinion can cover all user requirements!"**

*-Maciej Dembski  
Geoenignering &  
Geocology Department  
Maritime Institute in  
Gdansk, Poland*

**Strater is simply the easiest borehole and well log plotting software available. With just a few clicks, you can visualize your depth data by creating one of 12 fully customizable log types.**



Show the various stratigraphic layers in the borehole using the lithology log. The display can be as simple as a filled block, or the display can be more elaborate and show weathering patterns and contact line styles.

## The Last Well Logging Software You Will Ever Need!

You don't need to sacrifice time and money to create professional well logs. **Strater** is a straightforward, comprehensive well log and borehole plotting software program at an unbeatable price. With its modern and easy-to-use user interface, **Strater** is so simple even a beginner can create high quality well logs in no time.

**Strater's** versatility and ease of use makes it the software of choice for numerous industries, including oil and gas, geophysical, mudlogging, mining, environmental, geotechnical, and many more. Use **Strater** to graphically display:

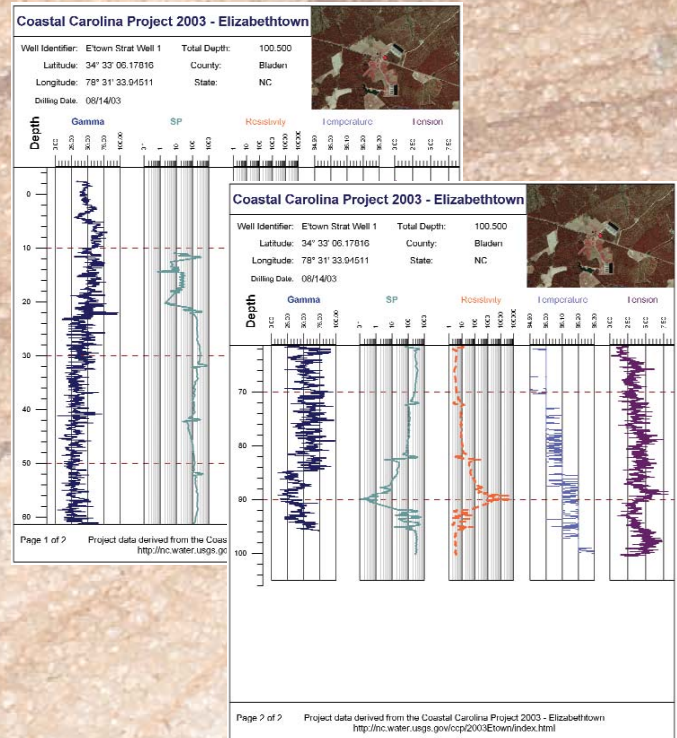
- depth or elevation.
- notes, remarks, and other text data.
- lithology, % lithology, and lithologic descriptions.
- spontaneous potential, gamma ray, caliper, neutron, DST, bulk density, resistivity, drilling rate, total gas, gas quality, and sonic data.
- blow counts, sample number and sample type, permeability, RQD, OVM readings, % recovery.
- contaminant concentrations, moisture content, and well construction details.
- assay data, alteration or mineralization lithology, BTU values, and ash content data.
- virtually any type of interval or depth data!

## Design Custom Logs!

**Strater** offers unsurpassed flexibility in log design and layout. The advanced user interface makes designing and displaying your data easier than ever. **Strater** includes 12 popular log types to graphically display your data: depth, line/symbol, crossplot, lithology, zone bar, bar, percentage, post, classed post, graphic, complex text, and well construction logs. Each of the logs can be modified to suit your needs. Just a few of the many log customizations include the ability to:

- display logs based on depth or elevation.
- display depth and/or variable grid lines.
- add scale bars and titles.
- set distinct contact line styles between lithologic units.
- use curves to create lithologic profiles, such as weathering profiles.
- create single or multi-page continuous logs.
- overlay different log types for the most informative presentation possible.
- Fill your logs using one of over 190 USGS fill patterns!

In addition to custom logs, you can also utilize the header and footer design areas to include comprehensive text descriptions, linked text, imported image files, or drawing objects (points, polylines, polygons). These areas are ideal to store the detailed information about the logs, such as well number, driller, location, drilling method, company name, and company logo.



Create multi-page logs to show all your depth data that just doesn't fit on a single piece of paper!

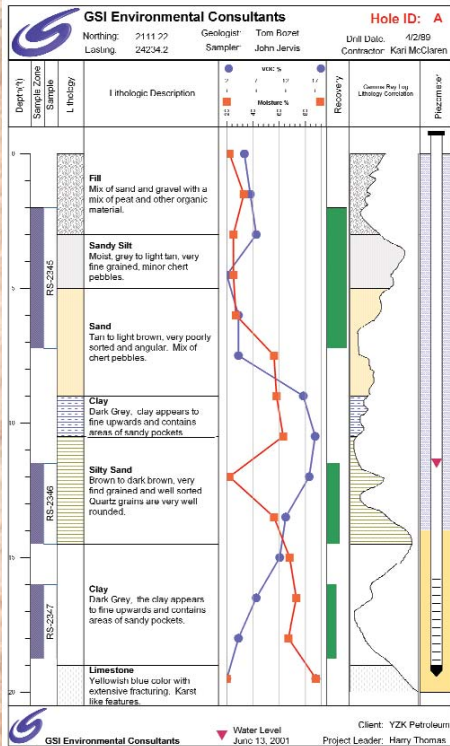
## Numerous Options!

**Strater** offers several features to make it simple to import data, create the exact borehole design you require, and output it in the format you need, either printed or exported for a report or presentation.

**Strater** incorporates a robust database which supports importing data from many sources, including ASCII text files, LAS files, XLS files, and almost any database file. You can import data for multiple boreholes into one data table, and import multiple data tables into one project. You can also create multiple borehole views in one project! Each borehole view can contain a different borehole design, allowing tremendous flexibility in the presentation of your data. Storing all your borehole views and data tables together in a single project keeps all your information easily accessible.

Editing and managing objects is easy in **Strater**. Simply select any object in the borehole view using **Strater's** easy-to-use Object Manager. The Object Manager conveniently and intuitively organizes all objects in a hierarchical tree view. Once an object is selected, edit all the properties of that object effortlessly using the new Property Inspector and see the changes take effect immediately, no more waiting or clicking OK buttons!

When it is time to print, don't hesitate! **Strater** supports single-page or continuous printing to any Windows compatible printer or plotter. To help save time, **Strater** also provides batch printing. You can create a borehole design and automatically print the design with multiple borehole data. If your goal is to insert the log into a presentation or report, export it to one of the many supported file formats such as EMF, EPS, PDF, JPG or BMP, or simply copy and paste it directly into your Microsoft Word document or PowerPoint presentation! The possibilities are endless!



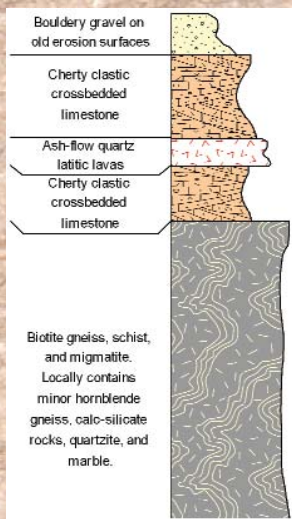
Well construction logs, in addition to some of **Strater's** other log types, are essential tools in the environmental and geotechnical industry!

## Save Time and Effort!

It is always easier to update a log with new data than to start from scratch. Templates and schemes are essential tools designed to make bulk log processing easy and efficient. Use one of the many predefined template or scheme files that come with **Strater**, or create your own specific to your needs!

Template files store all the graphical features without the imported data, so you can create borehole designs to be easily reused in other projects or by other users. Schemes provide a way to load drawing properties based on a keyword or range value, so you don't have to go through the time consuming process of assigning the same properties each time you create a new log. Reusing template and scheme files is ideal for those who want to continue making the same looking borehole designs for a wide variety of borehole data. Why reinvent the wheel every time?

Save time by importing data for multiple boreholes into the database view. If data for multiple boreholes exist, switch the borehole name displayed in the borehole view with a simple click of the mouse!



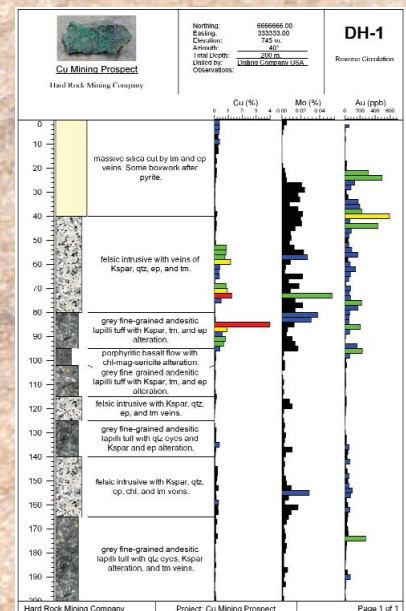
*"Schemes save a lot of time by not having to enter the rock types manually!"*

*-David Holley  
Consulting Geologist*

*Make your lithology logs informative and attractive by filling them with USGS fill patterns and showing weathering profiles! Complex text logs are excellent to use in conjunction with lithology logs to display more information about your lithologic data.*

## Free Unlimited Technical Support!

What do you do when you have a question? Take your pick! Consult the easy to read Getting Started Guide, check the dynamic online help, browse the **Strater** Support Forum or **Strater** FAQs on the Golden Software web site, or simply give us a call! Our knowledgeable and friendly Technical Support staff is standing by Monday through Friday, 8am - 5pm Mountain Standard Time, to answer your questions. Technical Support is also available by fax or email and is free to all users.



*See trends in assay results easily by creating a bar log of each element for comparison! Add a lithology log to see which rock types contain the element of interest!*

Hole ID	From	To	ID	Cu	Mo	Pb	Zn	Ag	Ni	Co	As	U	Th	
PD-B	0	4	56413	143	37	3	5	0.6	4	4	7	8	6	
PD-B	4	8	56414	259	83	3	4	1.1	4	3	10	12	7	
PD-B	8	12	56415	155	57	3	4	0.7	4	3	8	8	5	
PD-B	12	16	56416	209	299	3	4	0.3	4	3	9	8	5	
PD-B	16	20	56417	238	120	3	3	0.5	5	2	8	8	6	
PD-B	20	24	56418	11981	128	5	1	0.3	7	33	7	8	8	
PD-B	24	28	56419	441	112	4	1	0.3	4	2	10	11	4	
PD-B	28	32	56420	1892	19	3	14	0.3	4	14	10	8	7	
PD-B	32	36	56421	3949	66	4	19	0.3	16	101	4	8	3	
PD-B	36	40	56422	4928	46	3	19	0.4	15	218	8	8	4	
PD-B	40	44	56423	2316	27	5	18	0.3	12	38	8	8	5	
PD-B	44	48	56424	1870	16	3	17	0.3	10	46	6	8	7	
PD-B	48	52	56425	1505	11	3	10	0.3	5	20	7	8	6	
PD-B	52	56	56426	4641	167	3	22	0.8	16	244	12	8	9	
PD-B	56	60	56427	6205	95	4	25	0.3	21	81	10	8	4	
PD-B	60	64	56428	3031	18	3	13	0.9	12	187	10	8	8	
PD-B	64	68	56429	1635	11	3	10	0.5	7	15	10	8	5	
PD-B	68	72	56430	1102	9	3	5	0.3	5	6	4	8	4	
PD-B	72	76	56431	1207	1	3	4	0.4	4	5	4	8	7	
PD-B	76	80	56432	1532	4	3	5	0.5	6	5	7	8	7	
PD-B	80	84	56433	1930	49	3	10	0.5	9	8	10	8	6	
PD-B	84	88	56434	1743	9	3	7	0.3	7	21	6	8	7	
PD-B	88	92	56435	5510	21	3	42	0.3	42	229	13	17	3	
PD-B	92	96	56436	4340	3	3	36	0.3	29	100	8	8	2	
PD-B	96	100	56437	1999	5	4	7	0.3	9	21	4	8	8	
PD-B	100	104	56438	1913	18	4	12	0.3	12	68	8	8	7	
PD-B	104	108	56439	1124	4	3	9	0.6	7	9	5	8	7	

*Strater's easy-to-use database view makes importing, editing, and viewing data simple!*

## Order Strater Today!

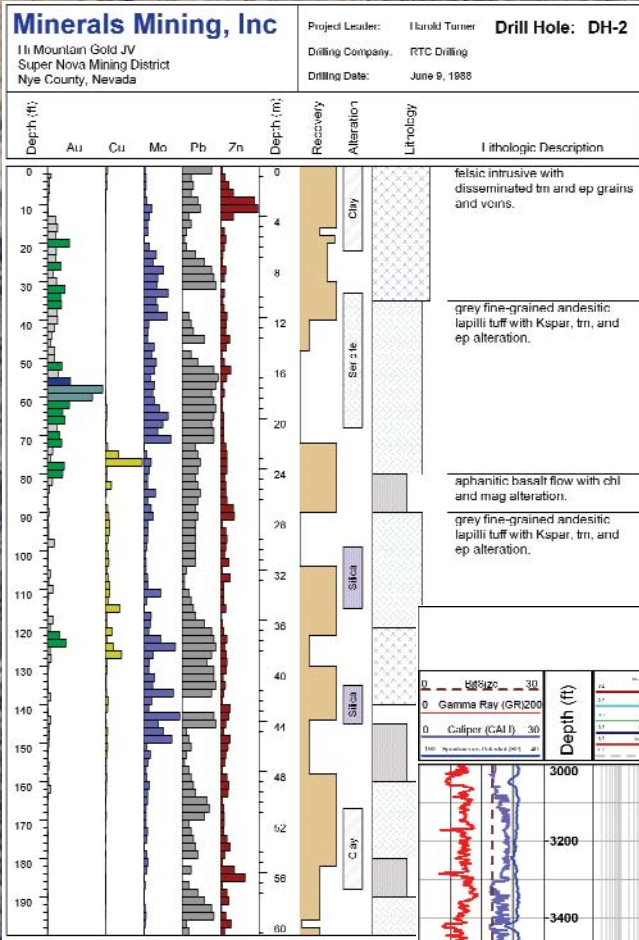
Switch to **Strater** and you will see how easy well log and borehole plotting can be! We are sure you will like **Strater** better than your current logging software by offering a 30 day money back guarantee! **Strater** is available directly from Golden Software for \$449. Your complete **Strater** package includes the CD, Getting Started Guide, free technical support, and free **Strater** updates.

Place your order or download a free demo version online at: [www.goldensoftware.com](http://www.goldensoftware.com)

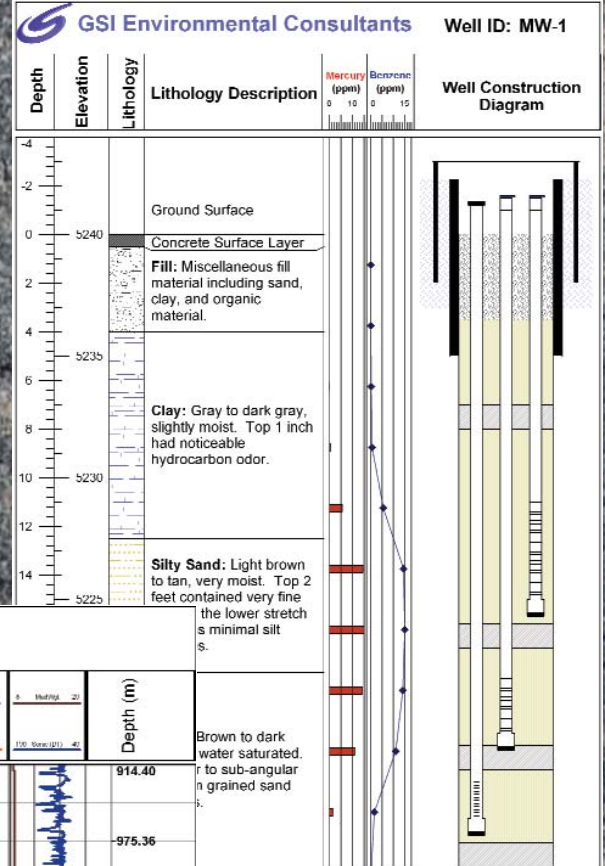
Please contact Golden Software if you have any questions or need more information. Email us at [info@goldensoftware.com](mailto:info@goldensoftware.com) or call us toll-free at:

**1-800-972-1021 or 303-279-1021**

# Strater Provides Complete Well Log and Borehole Plotting Solutions!

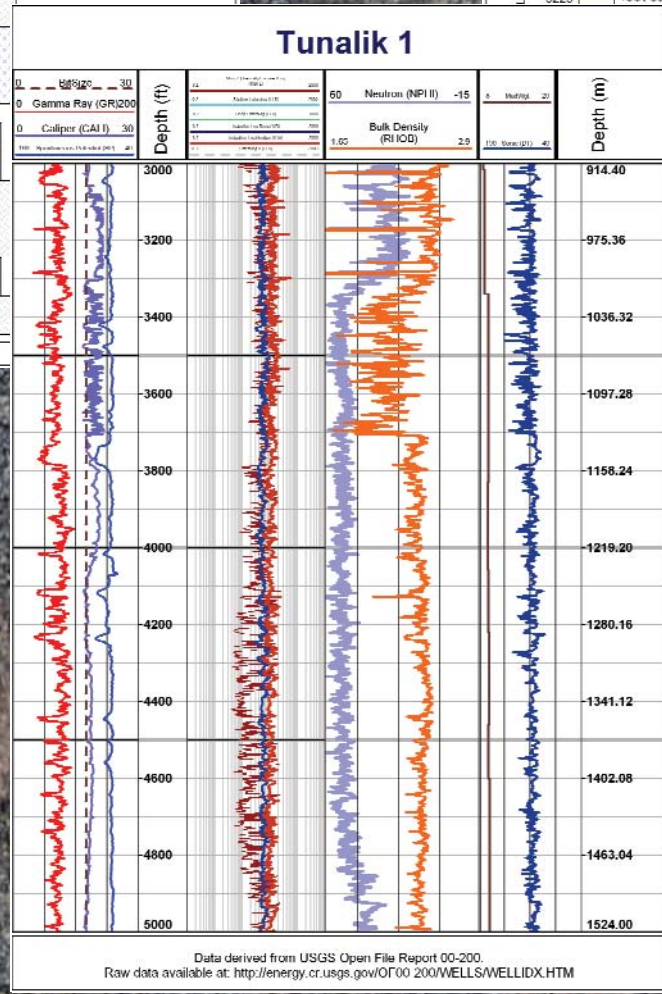


Visualize subsurface data, such as lithology, alteration zones, and assay results to aid in mineral exploration!



Project Name: Walking Site Easting: 115.33  
 Company Name: YZX Petroleum Northing: 55.678  
 Location: Anywhere, USA Geologist: Bob Thomas

Gain a better understanding of subsurface conditions needed for environmental and geotechnical studies!



Data derived from USGS Open File Report 00-200.  
 Raw data available at: [http://energy.cr.usgs.gov/OF00\\_200/WELLS/WELLIDX.HTM](http://energy.cr.usgs.gov/OF00_200/WELLS/WELLIDX.HTM)

Display all your geophysical data using Strater!  
 Seamlessly import your LAS files and use curves to display caliper, gamma ray, RHOB, NPHI, sonic, and other point data.

# Strater™ Features

*What's included in Strater?*

<b>User Friendly</b>		<b>Log Features</b>	
Easy-to-use Windows graphical user interface	✓	Rotate symbols in post and classed post logs	✓
Edit all object properties with the Property Inspector	✓	Merge intervals in adjacent identical lithology blocks or zone bars	✓
Select, show, or hide objects with the Object Manager	✓	Create display schemes based on imported data and save them for reuse	✓
Create, delete, load, or save borehole views with the Borehole Manager	✓	Display depth grid lines	✓
Scheme Editor	✓	Display variable grid lines on logs using a variable	✓
Create illustrative headers and footers	✓	Set border linestyles or background fills	✓
Create multiple borehole views	✓	Switch the log direction between Left/Right or Low/High	✓
Create multiple data tables	✓	Show keyword text	✓
One project contains all borehole views and data tables	✓	Set the bar type for bar logs to be standard or polarity	✓
Print multiple boreholes based on a single template	✓	Set the scaling type to be linear or logarithmic	✓
Single-page or continuous printing	✓	Edit complex text log contents by double clicking on the text section	✓
Use one of the many predefined templates for your project work or create one of your own	✓	Depth logs show positive or negative depths	✓
Order, align, and space objects	✓	Depth logs show depth or elevation	✓
Custom vector and bitmap fill patterns	✓	Set major and minor tick marks and tick mark properties	✓
USGS fill patterns	✓	Complex text logs can have arrows, brackets, or offset ticks to separate the text fields	✓
Cut, copy, and paste all items via the Windows clipboard	✓	Wrap line/symbol logs using different wrapping styles: None, Truncate, Wrap, Wrap-10X, or Wrap-100X	✓
<b>General Features</b>		Set distinct contact or indent line styles for lithology logs	✓
32-bit double precision	✓	Overlay the log types for a totally custom look	✓
Multi-level Undo/Redo	✓	Display the log in page view or full view	✓
English or Metric page units	✓	<b>Header and Footer Features</b>	
Default settings control	✓	Import objects from E00, GSI, GSB, BNA, DLG, LGO, LGS, DXF, PLT, BLN, CLP, WMF, EMF, SHP, MIF, DDF, TIF, BMP, TGA, PCX, WPG, DCX, EPS, JPG, PCT, PNG, or GIF	✓
Floating and dockable toolbars	✓	Linked text	✓
Optionally display horizontal and vertical rulers and grids	✓	Scale bars for variable logs	✓
Pan and Zoom Realtime	✓	Rotate objects	✓
<b>Borehole View Features</b>		Combine and break apart objects	✓
Switch between borehole names with ease	✓	Draw text, polygons, polylines, symbols, rectangles, rounded rectangles, squares, ellipses, and circles	✓
Set borehole depths based on a collars data table	✓	<b>Database View Features</b>	
Set borehole starting, ending, and scaling depths	✓	Import data from MDB, DBF, DB, LAS, XLS, SLK, W??, CSV, TXT, DAT, BNA, BLN, ODBC, OLE DB, or other SQL data sources	✓
Set depth units to be feet, meters, inches, centimeters, millimeters, or yards	✓	Display, enter, edit, sort, and print data	✓
Create single-page and multi-page logs	✓	Use multiple sheets from a single Excel file	✓
Set header, footer, and log pane line properties	✓	Create collars, depth, interval, lithology, project information, text item, and well construction tables	✓
Set header, footer, and log pane widths and heights	✓	Delete and add tables	✓
Specify any number in the data to be the NULL value	✓	Add, remove, or edit data within a table	✓
Export your borehole as DXF, DAT, SHP, BNA, GSB, BLN, MIF, GSI, PDF, EPS, CGM, WMF, EMF, CLP, TIF, BMP, TGA, PCX, WPG, PNG, JPG, PCT, DCX, or GIF	✓	Define a new hole or remove a hole at any time	✓
<b>Log Types</b>		Easily insert a bitmap file name and file path	✓
Depth Log	✓	View database information	✓
Line/Symbol Log	✓	Refresh borehole names	✓
Crossplot Log	✓	Reload data from a corporate data source	✓
Lithologic Log	✓	Save data tables in an ASCII text file	✓
Zone Bar Log	✓	Rename a table	✓
Bar Log	✓	Convert depth data to interval data	✓
Percentage Log	✓		
Post Log	✓		
Classed Post Log	✓		
Graphic Log	✓		
Complex Text Log	✓		
Well Construction Log	✓		



**System Requirements** • Windows 98, ME, 2000, XP or higher • 64 MB RAM minimum

100 MB free hard disk space • 800x600x256 colors minimum resolution

**Golden Software, Inc.** • 809 14th Street, Golden, Colorado 80401 U.S.A.

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