

GeoLogPlot

Version 4.0

This version of GeoLogPlot Utility is written in Python but is standalone it does not require any external dependencies and does not require python to be installed on your computer.

This version uses pdf as the output format.

1 INSTALLATION

Unzip the application to a place of your choice:

C:\geologplot for example

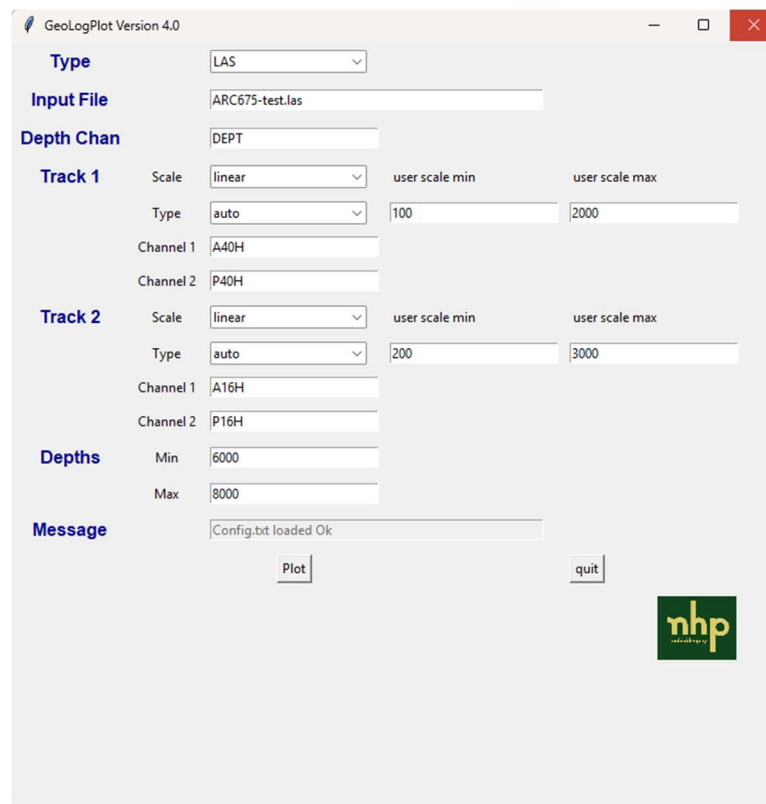
LAS or CSV files for input should be placed in the sub-directory:

input_files

The application will generate files and place then in the directory:

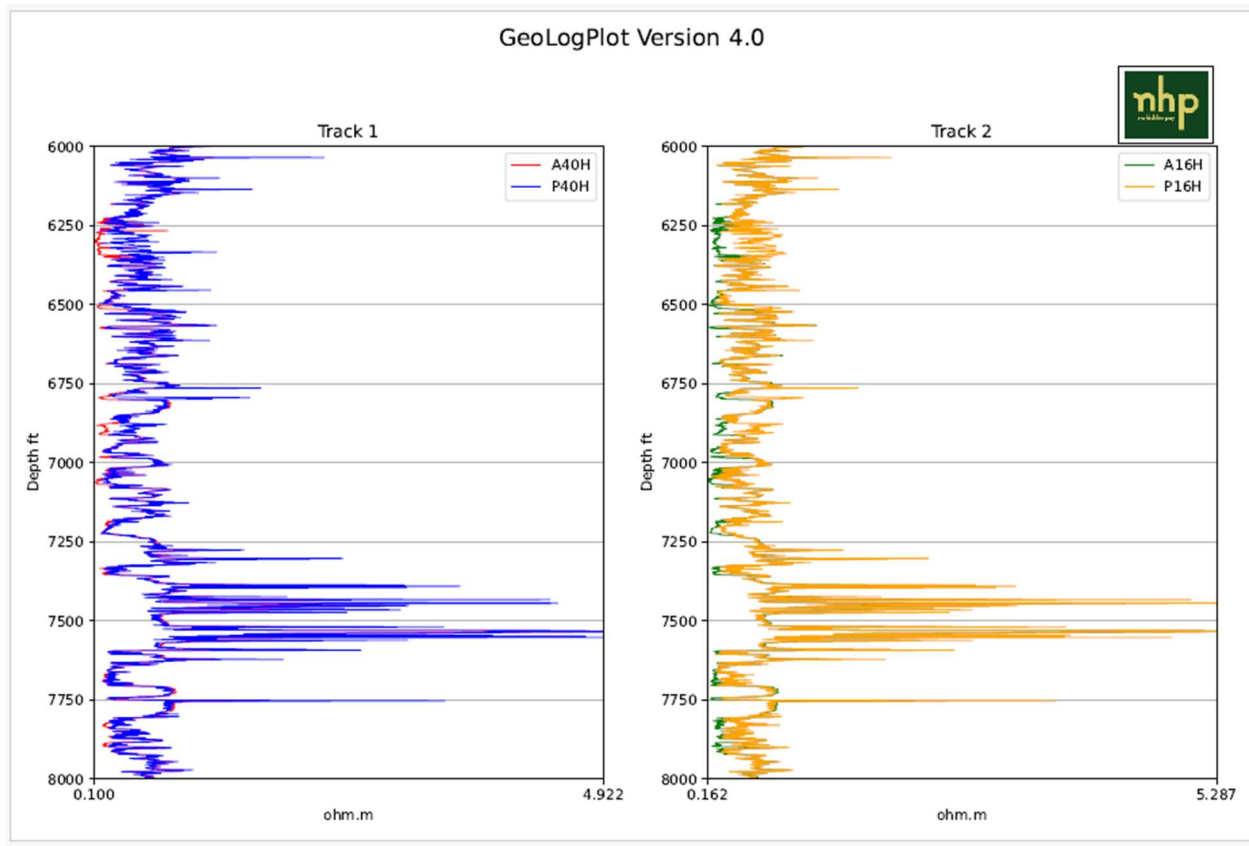
output_files

To execute the geologplot application double click on the geologplot.exe file



Test the installation, by clicking the “Plot” button. The test uses a CSV file input.

The display should show:



2 CSV FILE FORMAT

The format of the csv file must be as follows:

```
MD, PS16L, AT16L, ResP16L, ResA16L, ResEps16L, Cond16L, Epsa16L, It16L, MF16L, PS22L, AT22L, ResP22L, ResA22L,
M, deg, dB, Ohm-m, Ohm-m, Ohm-m, mS/m, unitless, unitless, unitless, deg, dB, Ohm-m, Ohm-m, Ohm-m,
2969.9712, 10.96, 10.199, 0.5142, 0.581, 0.5303, 1885.62, 4772.43, 3, 4.00E-16, 12.121, 8.217, 0.5091, 0.6061
2970.1236, 11.039, 10.203, 0.509, 0.5773, 0.5255, 1902.87, 4953.2, 3, 1.90E-16, 12.151, 8.22, 0.5072, 0.6036,
2970.276, 11.08, 10.211, 0.5063, 0.5703, 0.5219, 1916.13, 4746.25, 3, 4.70E-17, 12.14, 8.23, 0.5079, 0.5953,
2970.4284, 11.079, 10.221, 0.5064, 0.5614, 0.5199, 1923.33, 4193.72, 3, 2.30E-17, 12.11, 8.237, 0.5098, 0.589
2970.5808, 10.771, 10.226, 0.5271, 0.5573, 0.5346, 1870.42, 2395.73, 3, 1.90E-16, 11.809, 8.239, 0.5298
```

The first two rows of the file are the channel names and units respectively.

3 SINGLE PLOT ON A TRACK

To plot a single curve on a track, set the two channels for the track to be the same.

```
[TRACK1]
chan1 = P40H
chan2 = P40H
```

Licensing:

This application is the intellectual property of Fortaleza Consulting LLC. All rights reserved.

It is provided to NoHiddenPay LLC under license from Fortaleza Consulting.

Liability:

Information produced by this application is provided for informational purposes only. The user is responsible for verifying, interpreting, and determining the suitability of such information for its intended use. Any reliance upon or use of the information is at the user's own risk.