

GeoFinder – Epsip

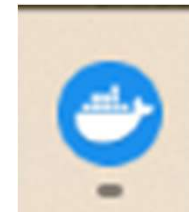
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Docker Desktop Client

- Use your browser to navigate to Docker:
<https://www.docker.com/products/docker-desktop/>
- Download the Docker Desktop Client
- Execute the Docker Installer
- When the installer is complete, look for the blue whale icon at the bottom of your screen. Click the icon to execute Docker.
- When you want to execute GeoFinder-Epsip make sure that Docker is running first.
- You do not need to login.



First time execution

- Download the “.zip” file from:
<https://nhp-ng.com>
- Unzip the file to a directory of your choice (example):
c:\geofinder
- Navigate to the directory in windows explorer
- Execute the batch file, double click:
GeoFinder-Epsip.bat

***Note: ALWAYS use GeoFinder-Epsip.bat to execute the GeoFinder_Epsip application
The newest version will be download if required.***

Execute GeoFinder_Epsip

- The first time the “.bat” file is executed it will download the Docker Image from the Docker Hub.
- The image will then run
- The batch file will download a new image if there is one available.

The GeoFinder-Epsip Home Screen

- After executing the GeoFinder Docker desktop container...
- Open your browser (Chrome, Edge etc.) and enter the address:
<http://127.0.0.1:8000/home>
- This web page is running from your local computer
- There is no internet or local network communication
- You may want to **add** this address on your browser favorites

The Home Screen

- The workflow is from top left to bottom right
- Start by selecting a sonde size and then the sonde type
- Click on Set Sonde

GeoFinder® EPSIp : Dielectric V2.0.94

Start Here

Sonde Size: Choose a Sonde:

Channels:

Choose LAS file: No file selected.

☐ Sonde Selected ☐ LAS Selected ☐ LAS Valid ☐ License Valid

☐ Valid Start Depth Valid End Depth Valid Total Depth

License License Count

Select a Sonde !

Choose License file: No file selected.

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Sonde Selected

- When the sonde has been selected the channels for that sonde are displayed in the text box.
- The LAS file to be loaded must contain these channels.

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Sonde Size: 675 Choose a Sonde: ARC675 Set Sonde View Download

Channels:
DEPT,P16L,A16L,P22L,A22L,P26L,A26L,P34L,A34L,P40L,A40L,P16H,A16H,P22H,A22H,P28H,A28H,P34H,A34H,P40H,A40H,

Choose LAS file: Browse... No file selected. Upload

☒ Sonde Selected ☐ LAS Selected ☐ LAS Valid ☐ License Valid

LAS Start Depth	LAS End Depth	LAS Total Depth	Units
0	0	0	--
Valid Start Depth	Valid End Depth	Valid Total Depth	
0	0	0	
Inv. Start Depth	Inv. End Depth	Inv. Total Depth	

License
Request License Count 0 Inversion Plot Reset GUI

Sonde Selected : 675, Mode:

Choose License file: Browse... No file selected. Add License

Sonde Naming Tool Spec. Version Help

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Select a LAS file and Check

- Use the choose LAS File to select and Upload to set the LAS file to be processed.
- Note, if all is correct the LAS depths, Valid depths and the Inv depths will be displayed.
- Notice, the license count is zero!

GeoFinder® EPSIp : Dielectric V2.0.94

Sonde Size: 675 Choose a Sonde: ARC675 Set Sonde View Download

Channels:
DEPT,P16L,A16L,P22L,A22L,P28L,A28L,P34L,A34L,P40L,A40L,P16H,A16H,P22H,A22H,P28H,A28H,P34H,A34H,P40H,A40H,

Choose LAS file: Browse... No file selected. Upload ARC675-test.las

☒ Sonde Selected ☒ LAS Selected ☒ LAS Valid ☐ License Valid

Check LAS

LAS Start Depth	LAS End Depth	LAS Total Depth	Units
2495	9610	7115	ft

Use Valid ☒

Valid Start Depth	Valid End Depth	Valid Total Depth
5012	9567.5	4555.5

Inv. Start Depth	Inv. End Depth	Inv. Total Depth
5012	9567.5	4555.5

License
Request

License Count: 0 Inversion Plot Reset GUI

LAS file Checked!

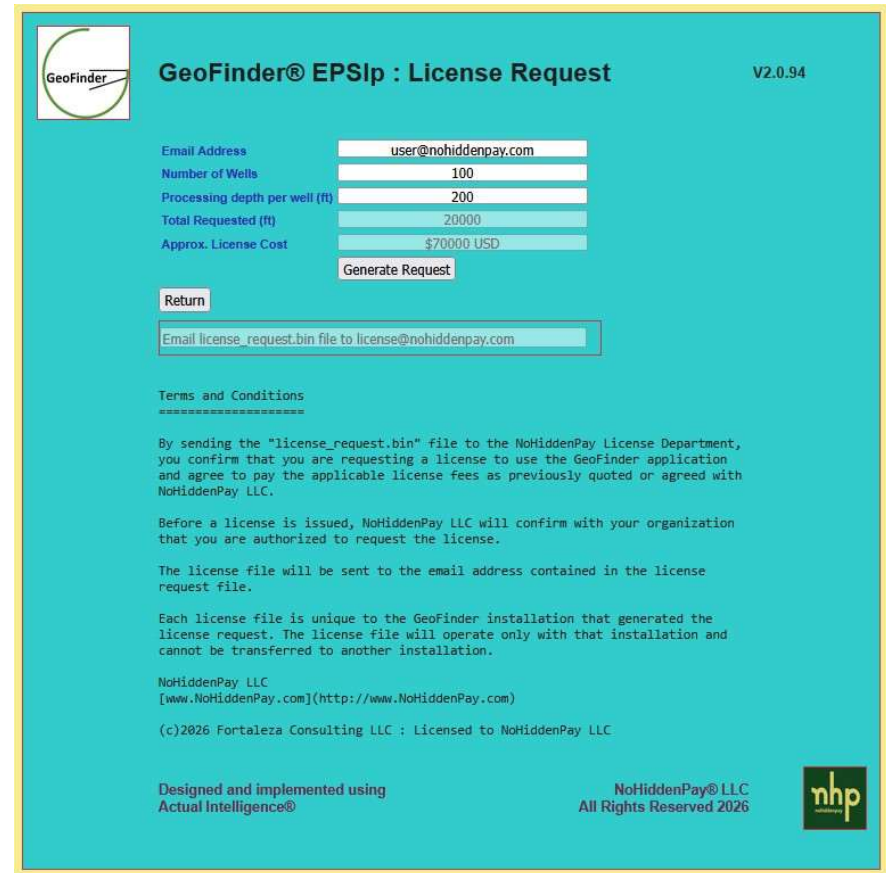
Choose License file: Browse... No file selected. Add License

Sonde Naming Tool Spec. Version Help

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Request a License

- Use the request license button to request a license.
- Enter your details, the total requested is the product of the number of wells and the depth per well.
- Click on Generate Request.
- A license file will be placed in your downloads folder:
 license_request.bin
- Email this file to:
 license@nohiddenpay.com



GeoFinder® EPSIp : License Request V2.0.94

Email Address: user@nohiddenpay.com

Number of Wells: 100

Processing depth per well (ft): 200

Total Requested (ft): 20000

Approx. License Cost: \$70000 USD

Generate Request

Return

Email license_request.bin file to license@nohiddenpay.com

Terms and Conditions

By sending the "license_request.bin" file to the NoHiddenPay License Department, you confirm that you are requesting a license to use the GeoFinder application and agree to pay the applicable license fees as previously quoted or agreed with NoHiddenPay LLC.

Before a license is issued, NoHiddenPay LLC will confirm with your organization that you are authorized to request the license.

The license file will be sent to the email address contained in the license request file.

Each license file is unique to the GeoFinder installation that generated the license request. The license file will operate only with that installation and cannot be transferred to another installation.

NoHiddenPay LLC
www.NoHiddenPay.com

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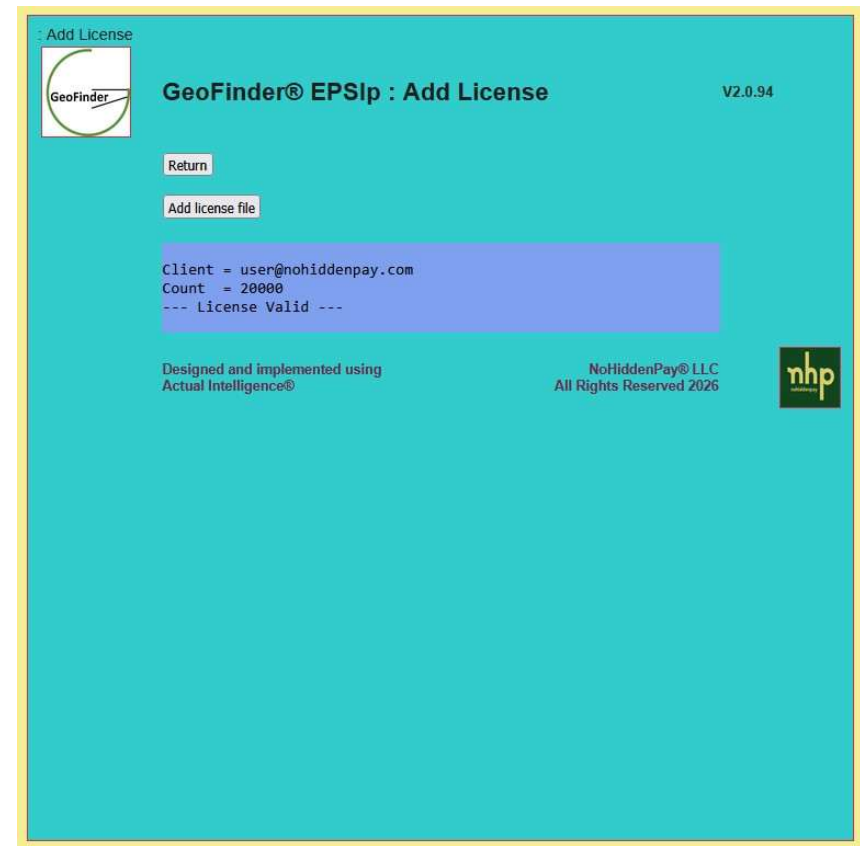
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Adding a License

- Use the choose license browse button to navigate to the license file you recieved.
- Click on add license.
- Click on Generate Request.
- If the license is valid, click on the Add License file Button.



Executing the Inversion

- When everything is correct:
 - Sonde Selected
 - LAS Selected
 - LAS Valid
 - License Valid
 - Depths selected
- The Inversion button will be available (not greyed out)
- Click on the “Inversion” button
- When the inversion is complete a window will pop up to indicate that a file has been uploaded. Wait for the notification.
- The file will be called:
LWDprt-DielecInv.zip

GeoFinder® EPSIp : Dielectric V2.0.94

Sonde Size: 675 Choose a Sonde: ARC675 Set Sonde View Download

Channels: DEPT,P16L,A16L,P22L,A22L,P28L,A28L,P34L,A34L,P40L,A40L,P16H,A16H,P22H,A22H,P28H,A28H,P34H,A34H,P40H,A40H,

Choose LAS file: Browse... No file selected. Upload ARC675-test.las

✓ Sonde Selected	✓ LAS Selected	✓ LAS Valid	✓ License Valid	Units
Check LAS	LAS Start Depth 2495	LAS End Depth 9610	LAS Total Depth 7115	ft
Use Valid ☒	Valid Start Depth 5012	Valid End Depth 9567.5	Valid Total Depth 4555.5	
	Inv. Start Depth 5012	Inv. End Depth 9567.5	Inv. Total Depth 4555.5	
License Request	License Count 20000	Inversion	Plot	Reset GUI

License Added

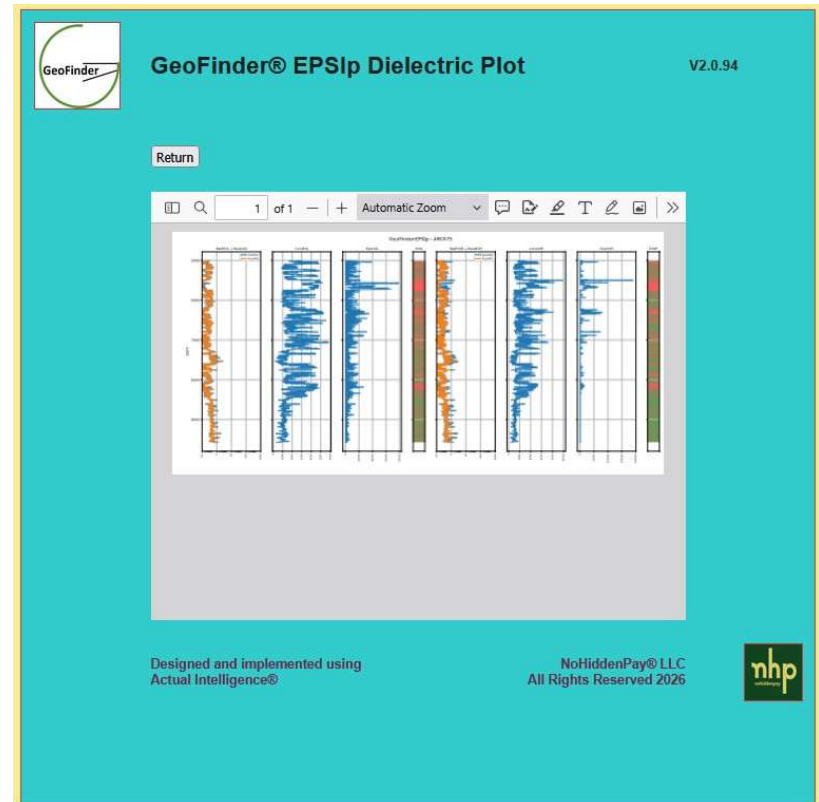
Choose License file: Browse... No file selected. Add License

Sonde Naming Tool Spec. Version Help

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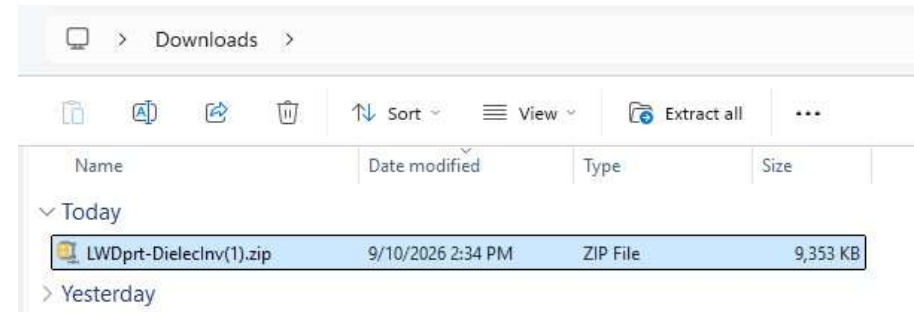
Click on Plot

- You can check the result of the inversion using the plot button.
- This is a pdf file which can be saved from the interface.
- You zoom or annotate...



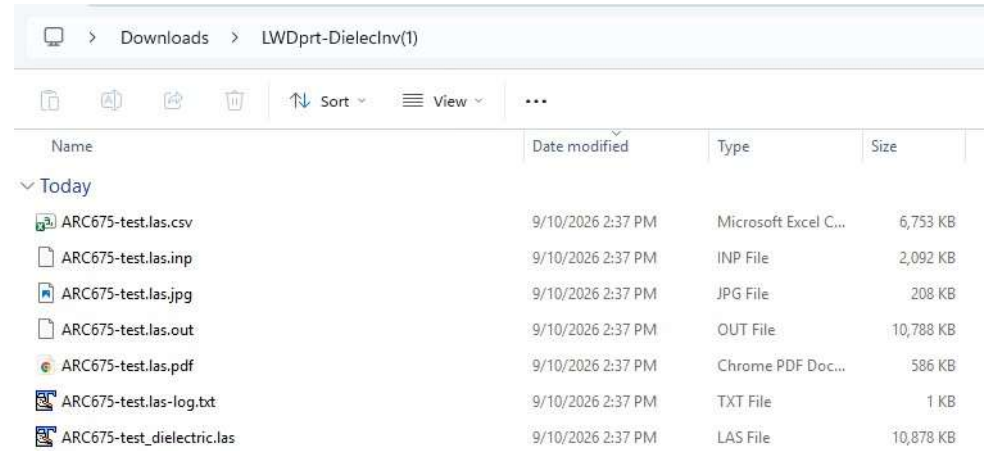
The downloads directory

- A zip file is downloaded at the end of the inversion process.
- Select the file and click on Extract all in the command bar above.



The contents of the Zip File

- The .inp is a file converted from LAS input to text and is the inversion input file
- The .out file is the inversion output data in text format
- The .csv file is the inversion output data in comma separated value format
- The .las file is the inversion output data in LAS V2 format
- The .txt file is a process output file in text format giving information about the inversion



Name	Date modified	Type	Size
▼ Today			
ARC675-test.las.csv	9/10/2026 2:37 PM	Microsoft Excel C...	6,753 KB
ARC675-test.las.inp	9/10/2026 2:37 PM	INP File	2,092 KB
ARC675-test.las.jpg	9/10/2026 2:37 PM	JPG File	208 KB
ARC675-test.las.out	9/10/2026 2:37 PM	OUT File	10,788 KB
ARC675-test.las.pdf	9/10/2026 2:37 PM	Chrome PDF Doc...	586 KB
ARC675-test.las-log.txt	9/10/2026 2:37 PM	TXT File	1 KB
ARC675-test_dielectric.las	9/10/2026 2:37 PM	LAS File	10,878 KB

Reset the GUI

- The execution is complete, the file is uploaded and now files must be cleaned.
- Before running another inversion
- Click on the “Reset GUI” button
- This deletes any files that were uploaded or used in the inversion processing

GeoFinder® EPSIp : Dielectric V2.0.94

Sonde Size: Choose a Sonde:

Channels:

Choose LAS file: No file selected.

☐ Sonde Selected ☐ LAS Selected ☐ LAS Valid ☒ License Valid

License License Count

21 files deleted. Please Select a Sonde !

Choose License file: No file selected.

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Quitting GeoFinder

- To stop the application, click on “Stop”, the blue bzz denoted by the arrow in the diagram.
- The browser window can be closed.
- If the browser window is closed and the application is not stopped then it will continue to execute.

