Installation

The GeoFinder®-Inspector application is distributed as a zip file and is for use with Windows 10+.

Download geofinder_inspector.zip from the GeoFinder® Inspector software card.

In File Explorer, right-click the ZIP and select Extract All.

Choose a folder where you can save files, such as Documents\geofinder_inspector, and select Extract.

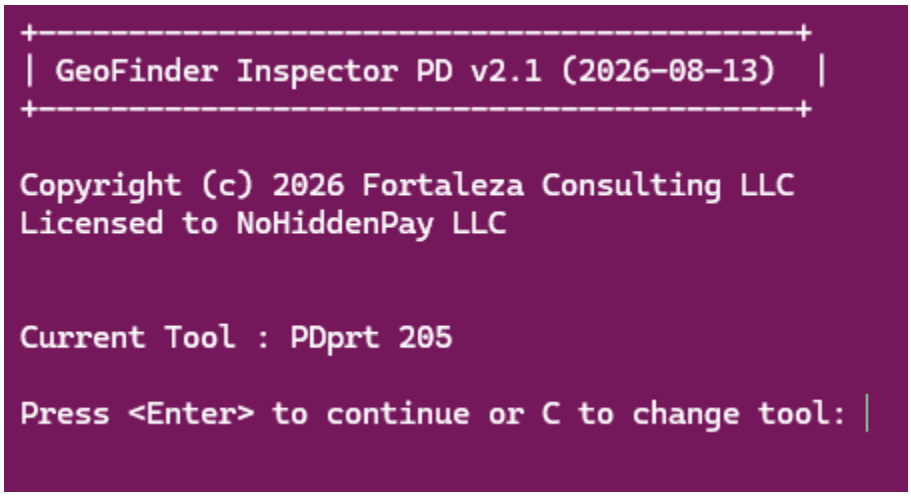
The extracted folder contains geofinder_inspector.exe and two empty folders, input_files and output_files.

Copy at least one LAS file into input_files before running the application.

Executing GeoFinder® Inspector

Open the extracted folder and double-click geofinder_inspector.exe.

The command window shows the current logging tool.



Press Enter to continue with the current tool, or press C to change it. When the LAS file list appears, type the number of the file to process and press Enter.

The application will prompt for a text input that will be added to the curve output file.

If no text is entered, the enter key is pressed, then the application terminates.

If text is entered, then the curves will be redrawn with the text displayed at top/middle/right.

Input File Description

Place the LAS files you want to process in input_files.

When you launch the application, it lists the LAS files in that folder.

Output File Description

Each run creates a new folder in output_files.

The directory is named for the current date and time: YYYYMMDD_HHMMSS

For example:

20260801_134634

In this example of the output directory, PRT-PS-CRC1 was the name of the input LAS file.

File	Description
PRT-PS-CRC1.csv	Processed CSV containing the repaired dataset, Rat@EPSI=1 curves, EPSI flags, and interpolation flag.
PRT-PS-CRC1.jpg	Graphical summary of the processed data.
PRT-PS-CRC1.las	Processed LAS file containing the repaired data and computed EPSI channels.
PRT-PS-CRC1.pdf	PDF version of the graphical summary.
PRT-PS-CRC1_annotated.jpg	Graphical summary with optional user annotation. Created only if an annotation is entered.
PRT-PS-CRC1_annotated.pdf	PDF version of the annotated graphical summary. Created only if an annotation is entered.
PRT-PS-CRC1_gap_report.pdf	Report detailing all detected missing-depth gaps, repaired intervals, and any unrepaired gaps.
PRT-PS-CRC1_with_gaps.csv	Original acquisition data showing the dataset before missing-depth repair. Useful for auditing and troubleshooting.

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