



## GeoFinder Sonde File Naming Convention

**GeoFinder** requires Sonde Files that describe the LWD Tool Geometry.

The Sonde Files are a standard developed by NoHiddenPay based on the information contained in the SPWLA 2009 LWD tool catalog.

Sonde files use the following naming convention: toolname-toolsize-attribute.sde

The toolname is a 3 to 6 letter mnemonic such as MPR

The toolsize is a series of numbers with no decimal point.

The attribute is a single letter or number and may not be present.

If it is not present, then the Sonde file is for a complete data set.

If the attribute is present, then it will be:

"L" for long spacing only, "2" for 2 MHz only, "4" for 400 KHz only

Example: Ultra Slim 3.0-inch tool, only 2 MHz data → USMPR-3000-2.sde

Note:

- 1) Sonde files and in particular the dielectric inversion is dependent upon axial tool geometry. That is the transmitter and receiver spacings affect the dielectric result.
- 2) There may be several tools with the same channel names. For example, a 3" tool may have some of the same channels as a 6.75" tool. Using the wrong sonde file for a data set will not give the correct results.
- 3) All files are text format.

If you have a Sonde (LWD or LWT Tool) for which there is no Sonde file, please let us know at:

[client.service@nohiddenpay.com](mailto:client.service@nohiddenpay.com)

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were used in the design and implementation of the algorithms encapsulated within this application.