

## LOG NOISE FILTERING AND DATA RECONSTRUCTION

## **Noise filtering**

Acoustic (compressional and shear) travel time measurements can sometimes have random noise due to the logging environment, instrument electronic issues, and/or survey speed. Wallace International has proprietary methods and software that identifies noise and automatically corrects the problem. See example below.

## **Data reconstruction**

Missing or bad data can occur due to first reading recordings, run breaks, incomplete digitizing and/or other logging related issues. When it is absolutely necessary to have a complete survey, Wallace International has the tools and the know-how to develop correction models using other valid log measurements with multi-linear regression modeling and/or neural net processing. See example below.

