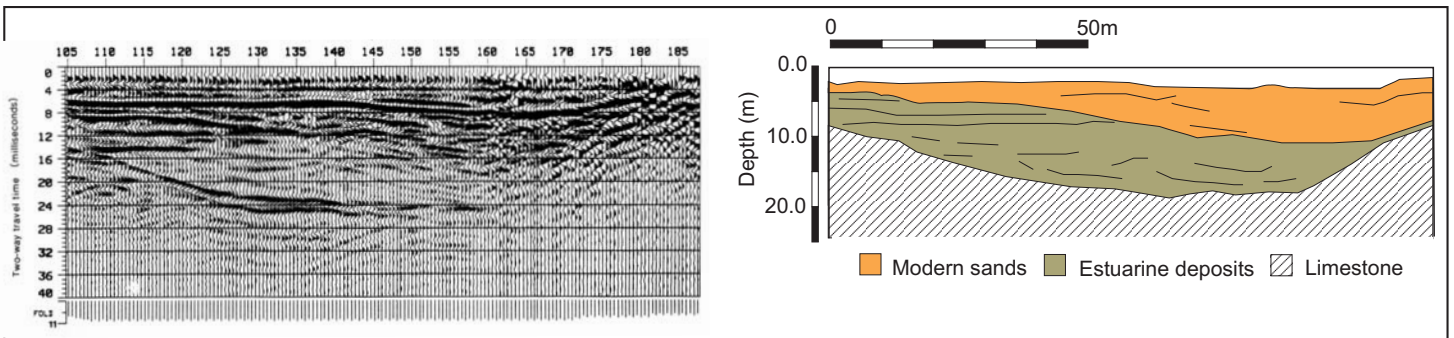




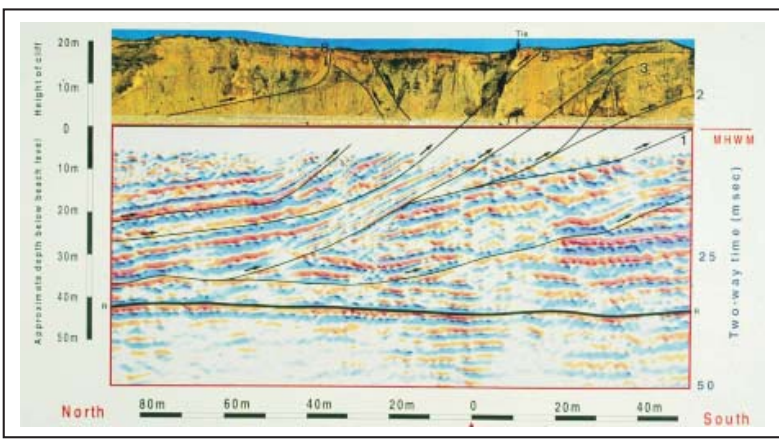
TerraDat has specialist experience in the design and implementation of high-resolution seismic reflection surveys for onshore and transition zone environments. The company routinely carries out seismic survey work for geotechnical and environmental applications as well as larger scale work for oil/mineral exploration.

TerraDat operates a range of state-of-the-art seismic systems that can be configured to meet the particular project requirement. These range from a 48-channel seismograph with PC-based processing software to the latest 120 channel telemetry seismic systems and PROMAX software.

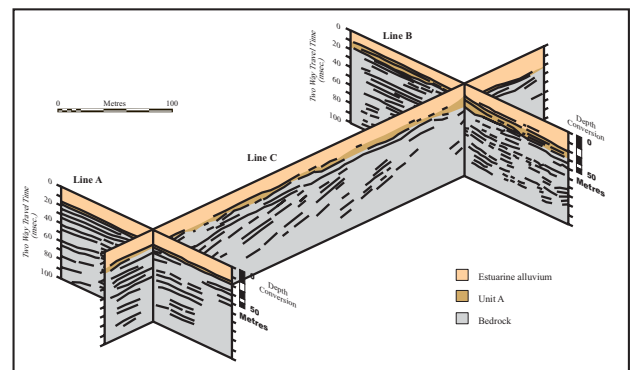
TerraDat is actively involved with ongoing research into the use of shallow seismic reflection in testing environments with an incentive to promote its use for a more diverse range of applications. Several publications have been produced over the years and are available on request. The method requires careful planning where very shallow depths are to be investigated but the results can prove to be invaluable.



(ABOVE) Final stacked section and interpreted depth section from a survey acquired across an abandoned tidal channel.



(ABOVE) High resolution seismic reflection data showing the internal structure of glacio-tectonic deposits in North Wales.



(ABOVE) Three dimensional representation of coal measure structure beneath a South Wales estuary.

Recent developments will see the addition of an IVI miniVib to the TerraDat resource pool and enable high-resolution surveys to be carried out where a vibrator source is optimum due to surface conditions or environmental concerns.