

Fugro Engineering Services Limited

CPT SERVICES IN THE FORMER SOVIET UNION & EASTERN EUROPE



Fugro Limited are able to provide a ground investigation service throughout the Former Soviet Union (FSU) and Eastern Europe using the good offices of sister companies located throughout the region. These offices are indicated on the map above. At a number of these offices cone penetration testing equipment is also based providing the following services.

- Friction and piezocone testing
- Seismic cone testing
- Push-in piezometers
- Geonor vane testing
- Mostap sampling.

Generally work in the FSU is carried out using Russian based equipment and operating personnel whilst Eastern Europe is generally serviced from our office in Berlin. For UK based clients, projects would be managed by Fugro Limited in Hemel Hempstead from where specialist equipment and suitably experienced field engineers and technicians can also be provided.

Using the Fugro CPT system a comprehensive in-situ testing and sampling programme can be carried out. Since the techniques used are largely automated, test results are very repeatable and can be used with confidence. For example a CPT carried out in Kazakhstan follows identical methods of data acquisition and processing as does a test in Slough! This provides considerable advantages over methods used by the indigenous ground investigation industry in the region which has suffered from a lack of investment over recent years so that quality of results is questionable.

In these more remote locations the use of in-situ testing particularly CPT's can bring enormous benefits particularly in speed of operation. Test data, in digital format, can be e-mailed back to the UK for processing and plotting within hours of completion of a test. High quality samples are also recovered using the Mostap sampling system. These can be tested locally although it should be appreciated that test methods used in the FSU are often quite different to the UK and care has to be taken when using specific test data. Alternatively samples can be returned to the UK although it can take some time for export permits to be obtained.

Fugro Limited now have first hand experience of working in Russia, Kazakhstan, Azerbaijan, Georgia and former East Germany. If you are involved in the specification of ground investigations in this region then call us. Our experience in performing high quality ground investigation using our specialist services could be invaluable on your project.

Details of services and specifications may change without notice.

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