

Fugro Engineering Services Limited

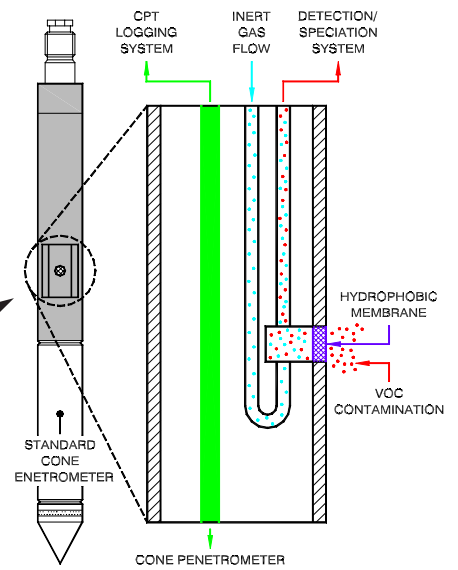
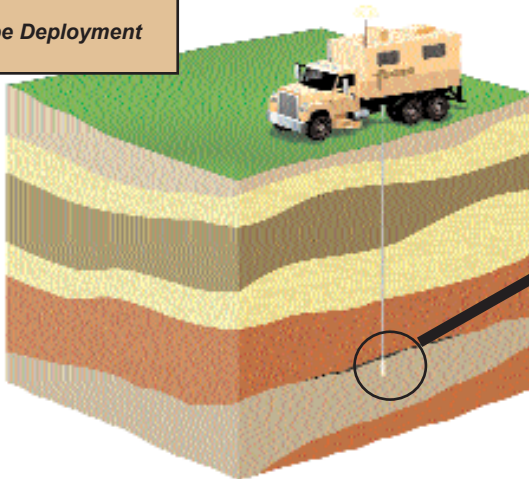
MEMBRANE INTERFACE PROBE (MIP) CPT SYSTEM VOC DETECTION - LNAPL & DNAPL HYDROCARBONS



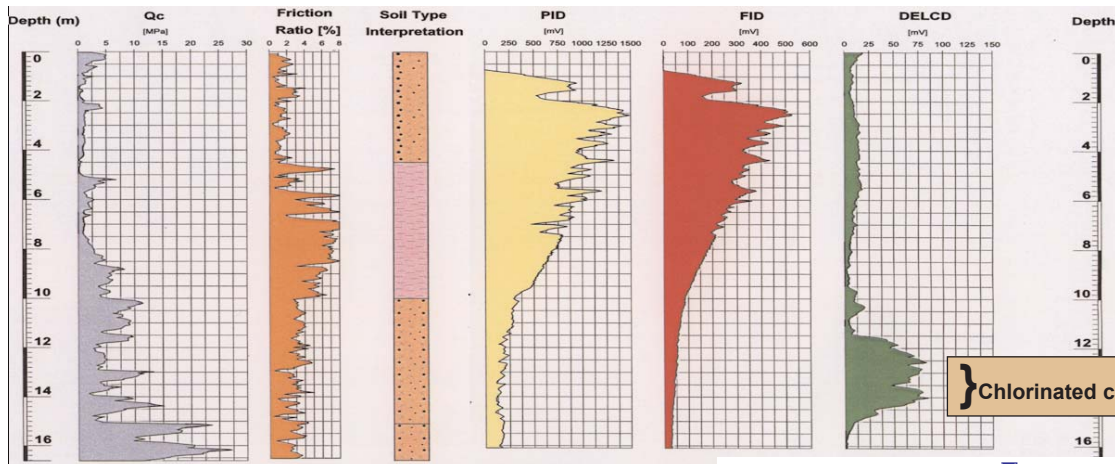
MIP Probe provides data on soil conditions and contamination distribution and can detect:-

- aromatics (BTEX, PAHs)
- chlorinated hydrocarbon (TCE, PCE.....)
- aliphatics (methane)

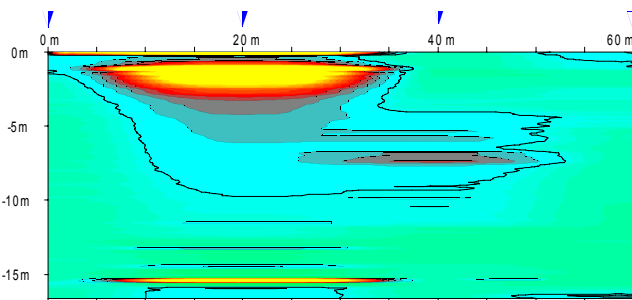
Probe Deployment



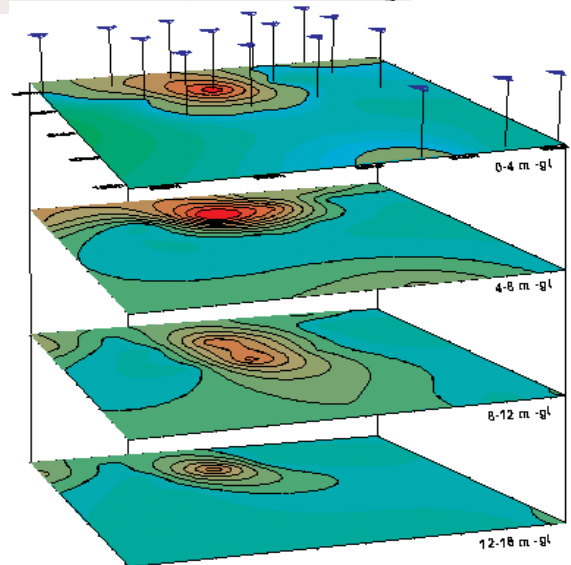
Layout of MIP CPT probe



Typical MIP CPT result
SEE OVER FOR DETAIL

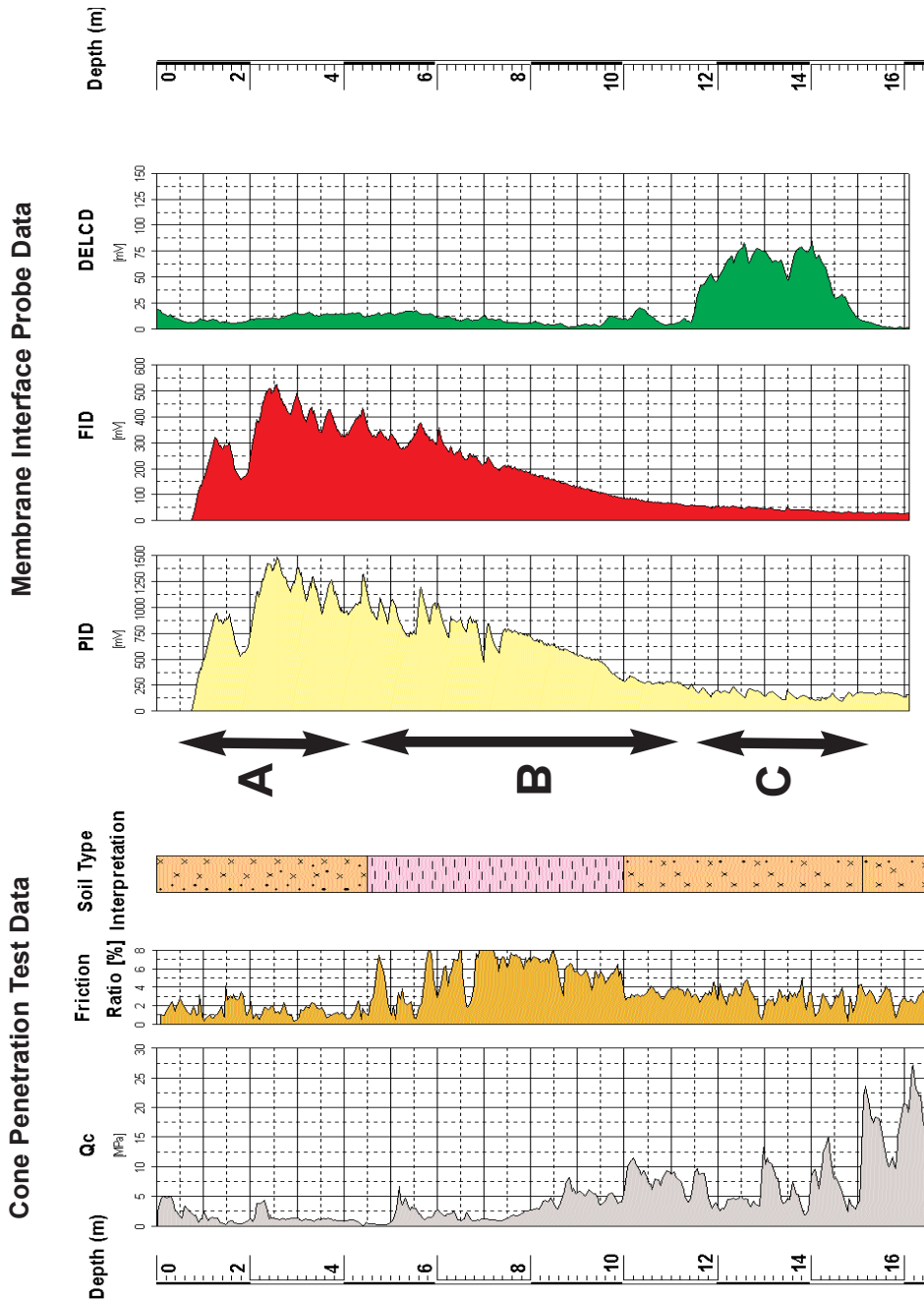


MIP contamination distribution



Pseudo 3D MIP contamination distribution

Membrane Interface Probe Cone Penetration Test Result



Zone A - Aromatic contamination - LNAPL
Zone B - Aromatic and Chlorinated contamination
Zone C - Chlorinated contamination - DNAPL

The Fugro Group is an international organisation with around seven thousand staff in over fifty countries. Our major disciplines are Geotechnics, Environmental Services and Survey.

Details of services and specifications may change without notice.

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Ref: E3-VOC Detection

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