



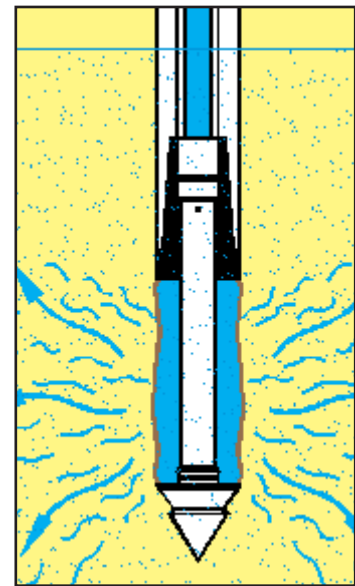
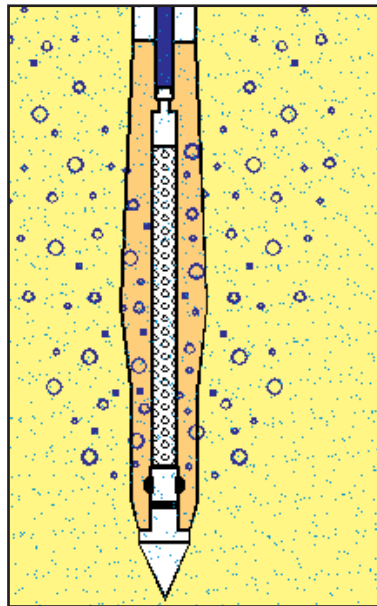
- Reduce remediation costs
- Reduce remediation & investigation programme
- Reduce liability exposure
- Increase understanding of site problems

### Remediation Fluid Injection

- Cost savings due to control on injected volumes
- Rapid & direct injection of fluids
- Reliable measurements of QC & QA volume injected

### Air Sparging

- More economic than drilled installation
- 10 to 15 installations per day
- US EPA approved.

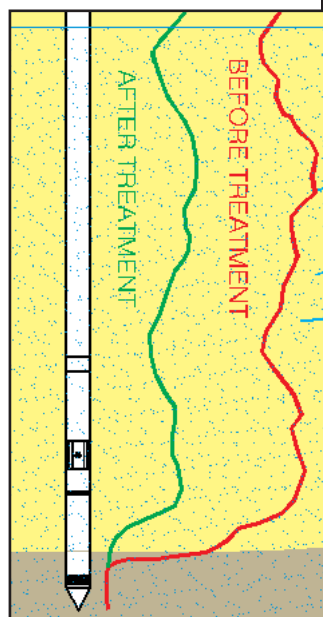


Versatile operation of tools and implants



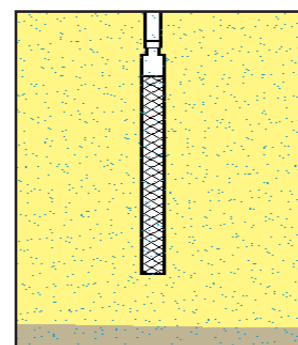
### Contamination Screening

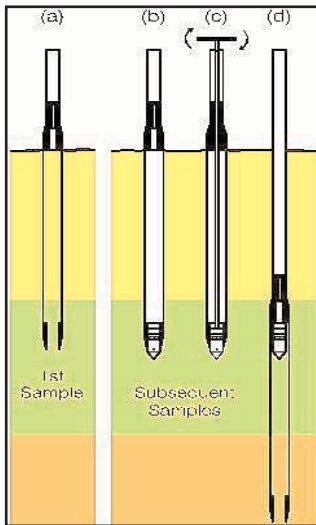
- Detailed in-situ detection of contaminants
- Provides detailed lithology of contaminated soil
- Immediate validation of remediation
- Reduced remediation time and cost.



### Water Sampling (VOCs)

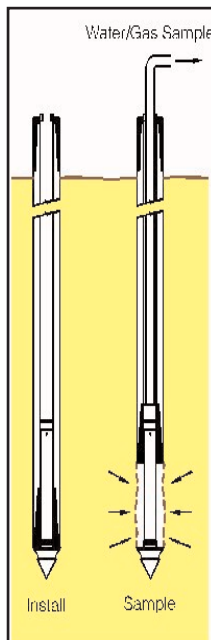
- No cross contamination of samples
- Reliable data for remediation monitoring



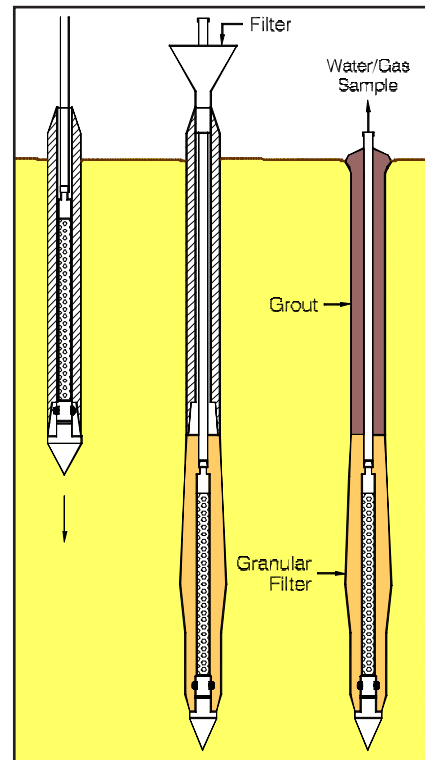


### Discrete Soil Sampling - Sequence of Operations

- (a) Sample from ground level
- (b) Re-entry for second sample
- (c) Release piston
- (d) Take second sample



Fluid / Gas Sampler



### Soil Gas and Groundwater Sampling Wells

- Powerful vacuum pump draws up soil gas
- Bailer or vacuum pump to collect ground water samples

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.

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