

Philippe Bousquet-Jacq

Geotechnical Engineer



Profile

63 years old
Seniority : 20 years,
associate
English

Soil mechanics/Foundations

Underground construction

Directional drilling

**Earthworks, roads,
distribution networks**

Member of AFTES (French Association for Underground Construction)
Member of the French Committee on Soil Mechanics
Member of the French Geological Society

Education

**Degree in Engineering – Ecole Nationale Supérieure de Géologie et de
Prospection Minière**

Nancy

Post-Graduate Degree in Engineering Geology

MBA – IAE

Paris

Professional background

Eurisk

Insurance Loss Adjustment Firm

Expert specialized in geotechnical sciences

Terrasol

Geotechnical Engineering

Chief Geotechnical Engineer

Technosol-Forax

Soil Investigation Engineering Firm

Geotechnical Engineer

BRGM

Regional Geological Department for the Caribbean

Geotechnical Engineer

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Key areas of expertise

Geotechnical Sciences – Foundations – Civil Engineering

- Tunnel excavation issues (stability, mucking, lining, geology)
- Paving pathology (uprising, settling, tiling)
- Instability of underground quarries
- Slope stability
- Soil improvement works
- Soil grouting
- Impact of works on the environment (settling, raising, vibration)
- Water seepage into underground structures
- Water wells
- Instability and difficulties in construction of retaining structures
- Foundation underpinning
- Foundation pathologies and repairs
- Breakwaters and earthworks
- Roadway pathologies

Environment - Pollution

- Polluted soil and groundwater