

# INVESTIGATIONS AND ENGINEERING

*Railway track investigations  
GPR and Pandoscope®*

**SOL SOLUTION**  
*Solidly-based innovation*

**ENGINEERING**

**SOIL TESTING  
AND GEOTECHNICAL  
EQUIPMENT**

**RESEARCH AND  
DEVELOPMENT**

**TECHNICAL TRAINING**

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# INVESTIGATIONS AND ENGINEERING

## Railway track investigations GPR and Pandoscope®

### Assignments

#### INNOVATIVE SURVEYS :

- Geotechnical characterization of tracked layers and platforms
- Recommendations for your maintenance or renewal works



### Advantages

#### EASY IMPLEMENTATION :

- No heavy machines, light tools
- Non destructive and continuous survey
- Quick adaptation to local constraints
- No sampling

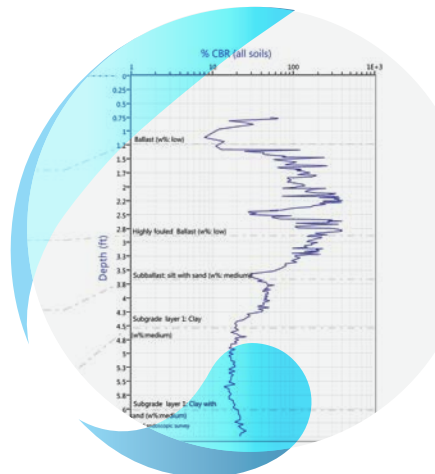
#### ACCURATE CHARACTERIZATION :

- Characterization of trackbed layers : mechanical properties, thickness, nature, hydric state
- Ballast and sub-ballast thickness and conditions



### Experiences

- More than 2000 km of GPR on railways
- More than 20000 pandoscope® soundings



/ Subgrade layers image samples.

### Certifications

