

Problem diagnosis

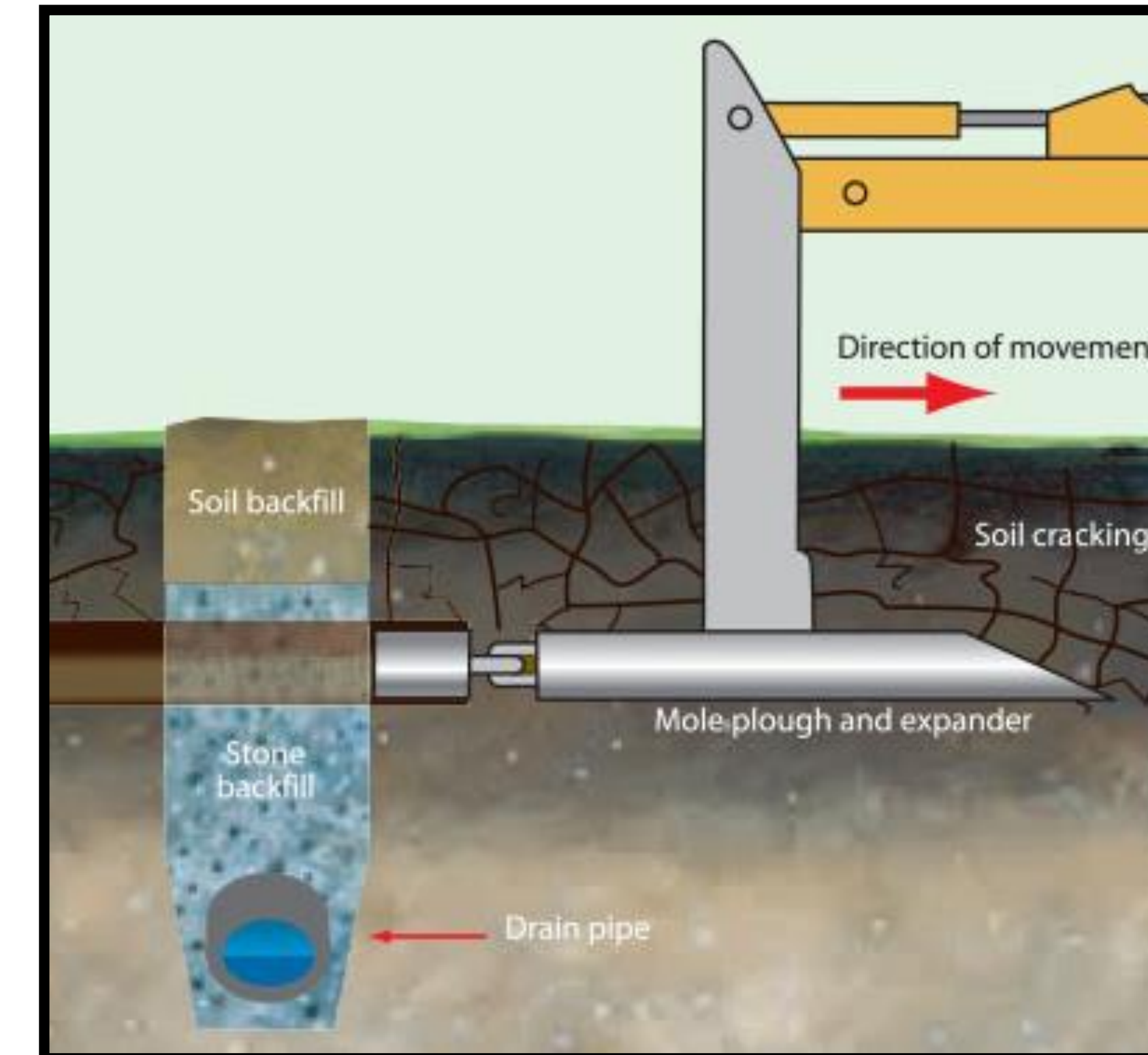
In mineral soils:

- Soil test pits - at least 2.5 m deep
- Design varies with soil type
- Water enters through permeable layers
- Other layers need help

Shallow drainage system

Mole/gravel mole grain/subsoiling:

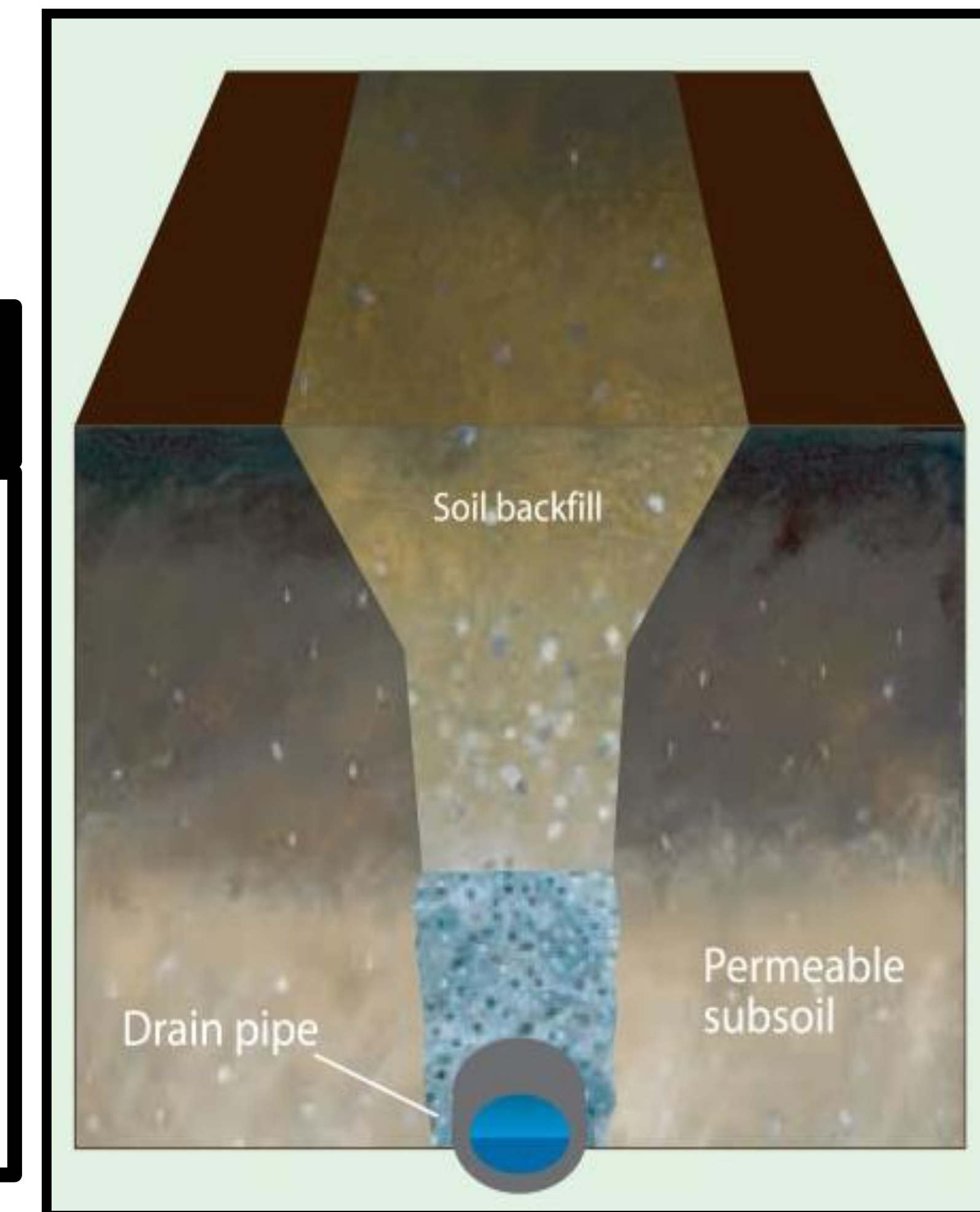
- Aim to fracture and crack the soil
- Effectiveness depends on:
 - Soil clay/stone content
 - Implement used
 - Weather conditions
- In tandem with collector drains



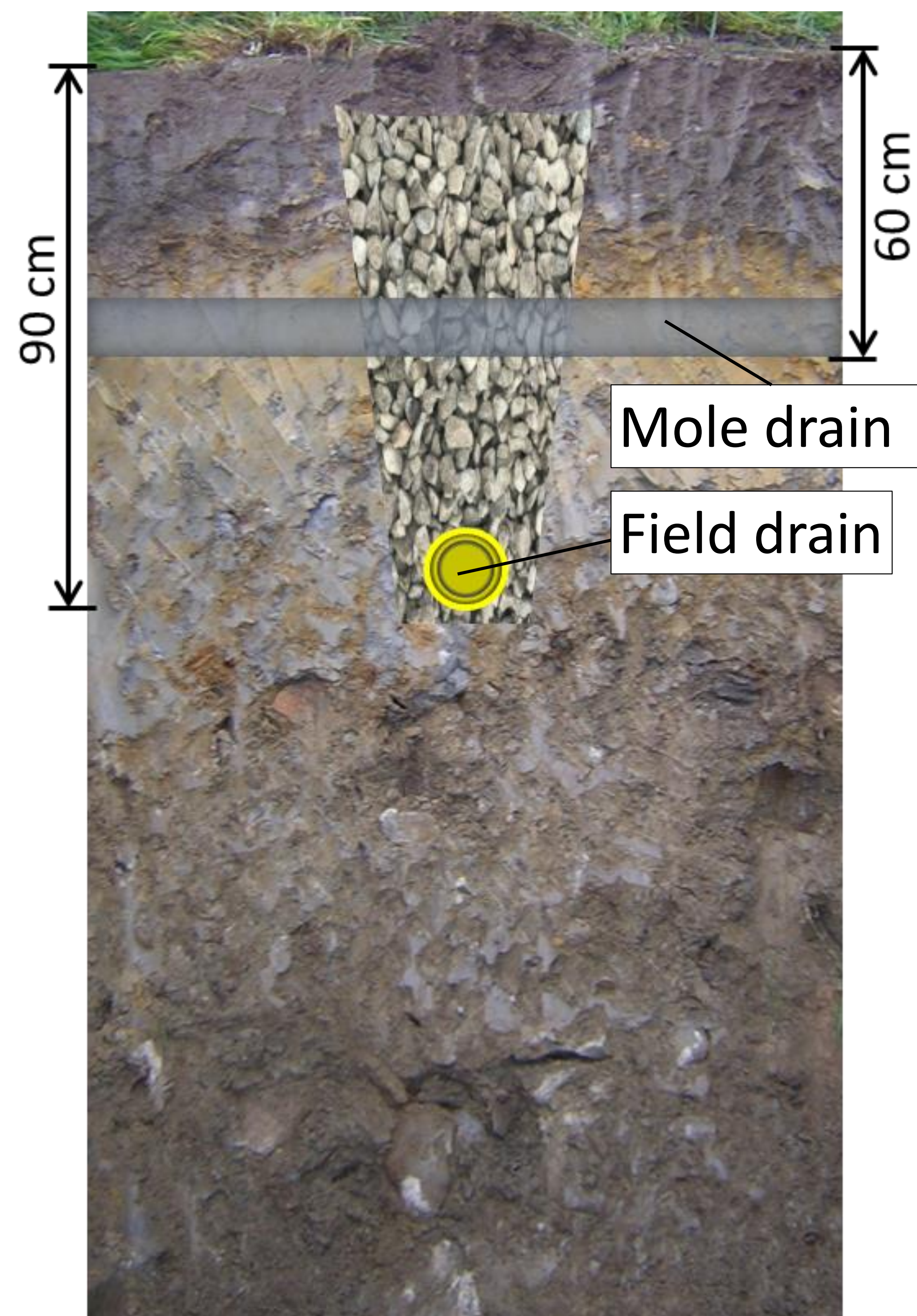
Groundwater drainage system

Field drains, typically at 1-2 m depth:

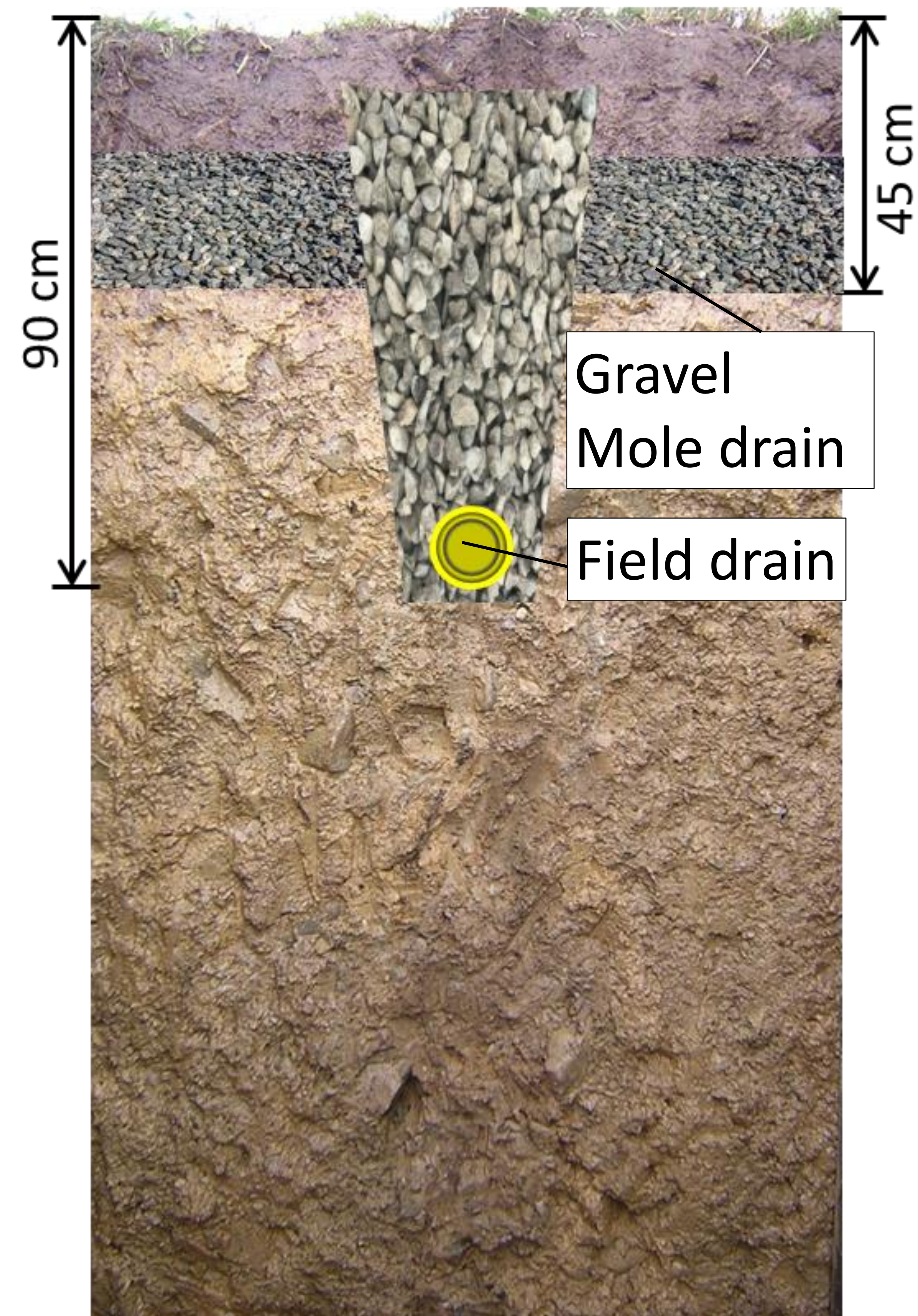
- Exploit permeable layers
- Collect and discharge groundwater
- Effective control of the watertable



Mole drainage



Gravel mole drainage



Groundwater drainage

