



BACKGROUND FACTS ABOUT **SUBSURFACE DRAINAGE**

HOW TO

Justify your decisions

Ensure the sustainability of your work and protect your investment

Choose the best products for your needs

WHAT TO DO BEFORE A DRAINAGE PROJECT

- 1 TOPOGRAPHY**
- 2 DRAINAGE PLAN**
- 3 TEST FOR IRON OCHRE**
- 4 CHECK COMPACTION**
- 5 CHECK THE HYDRAULIC CONDUCTIVITY**
- 6 TEST FOR PARTICLE SIZE WITH D85**

FREQUENCY OF SOIL TESTS

(granulometry)

HOMOGENEOUS SOIL	NON-HOMOGENEOUS SOIL
1 hole per 5 hectares	3 holes per 5 hectares

MAKE A DRAINAGE PLAN TO GET:

- 1 IN-BETWEEN DISTANCES AND LAYOUT OF DRAINS**
- 2 CHOICE OF MATERIALS AND FILTERING ENVELOPES**
- 3 SLOPES AND PROFILES**
- 4 SIZING OF COLLECTORS**
- 5 THE BEST REFERENCE AND VALUE-ADDED TOOL**

DON'T FORGET:

- RIPRAP FOR OUTLETS
- USE APPROPRIATE ACCESSORIES
- IDENTIFY COLLECTOR OUTLETS
- GET THE REQUIRED MUNICIPAL AND PROVINCIAL PERMITS

CONVERSION TABLE

1 ACRE	43 560 ft ²
1 HECTARE	10 000 m ²



RESOURCES AND PARTNERS

If you do your own work, talk to professionals



THEPERFECTDRAIN.COM
800.363.1471

Consulting firm in underground drainage



Technical Reference guide in underground
drainage, materials and accessories

Geographical information on farmland:

www.infos-sols.ca



To contact Info-Excavation:
www.infos-ex.com or 800.663.9228

FEEL FREE TO ASK
QUESTIONS
TO ALL STAKEHOLDERS

CONTACT YOUR CONTRACTOR