## ISO 18400-205:2018 (E)

# Soil quality — Sampling — Part 205: Guidance on the procedure for investigation of natural, near-natural and cultivated sites

### Contents

Foreword

#### Introduction

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Objectives of sampling

#### 5 Principles, requirements and general considerations for soil sampling

- 5.1 General
- 5.2 General strategy of site investigation
- 5.2.1 General
- 5.2.2 Conceptual site model
- 5.2.3 Preliminary investigation
- 5.2.4 Preliminary conceptual site model
- 5.2.5 Scope of exploratory investigation
- 5.2.6 Scope of detailed site investigation
- 5.3 Types of sample
- 5.4 Selection of sampling locations
- 5.5 Number of samples General
- 5.6 Sampling depths
- 5.7 Number of samples to be taken at discrete sampling points
- 5.8 Number of samples in relation to determination of average properties
- 5.9 Sample sizes
- 5.10 Sampling techniques and application
- 5.11 Time and frequency of sampling
- 5.12 Sample containers
- 5.13 Sample transport
- 5.14 Sample storage
- 5.15 Safety
- 5.16 Quality assurance and control
- 6 Taking soil samples

#### 7 Sampling for particular purposes

- 7.1 Sampling for the determination of mobile nitrogen
- 7.2 Forest and woodland soils
- 7.3 Peat soils
- 7.4 Saturated-zone soils
- 7.5 Special types of land use
- 8 Sampling report
- 9 Investigation report

Page count: 15