DIN ISO 18400-202:2020-11 (E)

Soil quality - Sampling - Part 202: Preliminary investigations (ISO 18400-202:2018)

Contents

Page

National foreword ... **3**

National Annex NA (informative) **Bibliography** ... **4**

Foreword ... **5**

Introduction ... **6**

1 Scope ... **8**

2 Normative references ... **8**

3 Terms and definitions ... **8**

4 General/principle ... **9**

5 Phases of investigation ... **9**

6 Objectives of preliminary investigations ... **11**

7 Scope of preliminary investigations ... **12**
7.1 General/strategy ... 12
7.2 Desk study ... 15
7.2.1 General ... 15
7.2.2 Information on past and present use ... 16
7.2.3 Information on geology, pedology, geomorphology, hydrology and hydrogeology ... 18
7.2.4 Ecology and archaeology ... 18
7.3 Consultations ... 19
7.4 Site reconnaissance ... 20

8 Development of the preliminary conceptual site model ... **21**
8.1 Overall conceptual site model ... 21
8.2 Characteristic distributions of the physico-chemical properties ... 23
8.3 Formulation of contamination-related hypotheses ... 24
8.4 Preliminary qualitative risk assessment for potentially contaminated sites ... 24
8.5 Further investigations ... 25

9 Reporting the preliminary investigation and the conceptual site model ... **25**

Annex A (informative) **Contaminants of potential concern and industry/contaminant matrix** ... **27**

Bibliography ... **41**