

Borehole log field sheet

Project: _____ Borehole: _____

Location / coordinates: _____

Coordinate reference / datum: _____

Ground elevation and units: _____ Depth units / reference: _____

Date / time: _____ Logger / reviewer: _____

Drilling / sampling method and equipment: _____

From	To	Material / observations	Sample ID	Remarks

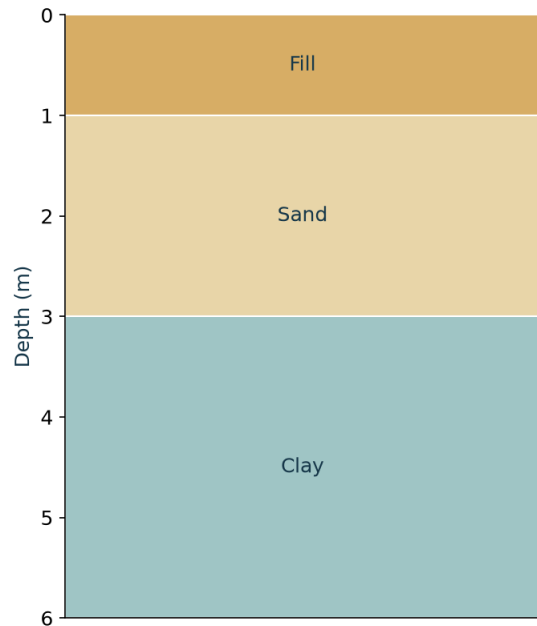
Water observations: depth, reference point, date/time and drilling conditions.

Record missing or uncertain information explicitly. Retain original notes.

Adapt this sheet to the approved project method before field use.

Reading a borehole log

SYNTHETIC EXAMPLE | BH-01 | depth below ground in metres



1 Confirm the project, hole and datum

Ground elevation: 100.0 m (local datum)

2 Read contacts as depths

Top of clay: depth 3.0 m
Elevation = $100.0 - 3.0 = 97.0$ m

3 Preserve observation context

Samples occupy recorded intervals.
Water readings need a time and reference.
No design values are inferred from this figure.

GAEA KNOWLEDGE CENTER / Educational illustration, not a site investigation record

Synthetic example: ground elevation 100.0 m, local datum; total depth 6.0 m.

0.0-1.0 m: fill; 1.0-3.0 m: sand; 3.0-6.0 m: clay.

S-01 sample interval: 1.5-2.0 m. Sampling method not specified in this example.

Water observed at 2.2 m below ground at 10:30 during drilling.

This observation is not presented as an equilibrium groundwater level.

Top of clay elevation = $100.0 - 3.0 = 97.0$ m.

Sample interval, material contact and water observation are separate records.

Exercise: identify the datum, units, contact depths and missing method details.

Professional review is required before using real investigation data for decisions.