



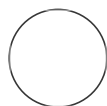
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Gravimetric Water Content (GWC)

In 2 collections

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ABSTRACT

The method is the mass of water per mass of dry soil.

MATERIALS

- Small weighing tins (3 per site and depth)
- Soil (~ 30 g per site and depth)
- Balance
- Drying oven set to 60 °C or 100 °C

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Protocol status: Working





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- 1 Record the mass of the empty labeled tin in the Core processing file. Add 10 g soil and record the mass of the tin and soil (this should be completed in the core processing step).

1.1 Do not tare the tin.

- 2** Place the soils in the drying oven for  24:00:00 at  100 °C . 1d
- 3** After  24:00:00 remove samples from drying oven and allow to cool. Record the mass of the soil and tin. 1d
- 4** Return samples to the drying oven for an additional  24:00:00 . 1d
- 5** Repeat step 3 and record the new mass. If the mass is still changing repeat steps 3 and 4 until no further change.