



FACT SHEET

Gouge Augers

Gouge augers are often used in cohesive soils to take undisturbed soil profiles down to 10 metres.



Quick and undisturbed sampling in cohesive soils

Advantages

- Very fast and easy way to sample
- With extension rods are capable of sampling to 10 metres
- Undisturbed profiles in lengths of 50cm or 1m
- Shaped from flat steel to give the cleanest, sharpest sample
- Easy to clean and very strong
- Available in sets or individually depending on budget/need
- Mini gouge augers are available for smaller top layer samples
- Specially hardened Gouges are available for harder soils
- Ideal for peat soils.

Disadvantages

- Can be physically demanding to insert and to remove sample
- Not suitable for sludges and sediment.

Accessories

- Gouge Augers are available with Conical Screw thread and bayonet connections
- Beating head handles and hammers are available.

Specifications

- 50cm or 1m sample
- 20, 30 or 60mm diameter gouges available.

Alternatives

There are many different augers capable of sampling different soil types and consistences. If you need to sample softer sediments or sludges we would recommend a Multi Sampler or Beaker Sampler, for sampling in Peat a Russian Corer Peat sampler may be preferred. All augers and samplers from Van Walt are unpainted and untreated so are therefore suitable for environmental research.