

## Method Statement      Hand Augering

Hand operated augers are used to sample soils at depths to about 3.0m, depending on the soil type. Chisels may be attached to break through rocks, and sampling tubes (U38s) may be used to take undisturbed samples. The required holes will be set out on site in accordance with details of the proposed development and local site conditions, with particular reference to the location of any underground services. Each proposed location must be carefully checked for services using a CAT and Genny system before and during any augering.

Boards or sheets should be placed around each hole for turf and spoil. Different size auger buckets (6inch and 4inch) can be used depending upon the soil conditions and task.

Augers should be placed vertically into the ground and turned clockwise whilst exerting a firm downward pressure. Extension rods will be added as required.

On completion, the holes will be backfilled with the excavated materials (unless specified otherwise), left mounded slightly to accommodate any further settlement, and the investigation site left tidy.

### Risk Scoring and Assessment

Health, Safety and Environmental Risk is measured using a 5 x 5 matrix to obtain a result that, after control measures have been applied is scored as: Low (Proceed with care), Medium (If no alternative, proceed with care), High (Do not proceed, seek alternative).

		Severity					
		1	2	3	4	5	
		No Injury or Impact	Minor Injury or Impact	Reportable Injury or Impact	Serious Injury or Impact	Fatality, Disability or Major Impact	
Likelihood	Unlikely or Rare	1	1 LOW	2 LOW	3 LOW	4 LOW	5 LOW
	Remote possibility	2	2 LOW	4 LOW	6 LOW	8 <b>MED</b>	10 <b>MED</b>
	Possibly occur	3	3 LOW	6 LOW	9 <b>MED</b>	12 <b>MED</b>	15 <b>MED</b>
	Probably occur	4	4 LOW	8 LOW	12 <b>MED</b>	16 <b>HIGH</b>	20 <b>HIGH</b>
	Certain to occur	5	5 LOW	10 <b>MED</b>	15 <b>HIGH</b>	20 <b>HIGH</b>	25 <b>HIGH</b>

Hazard/Risk	Type	Affected	Control Measures	Score	Residual Risk
Operating equipment	H&S	Oprs	Trained and competent operators only.	2 x 3	Low
Contact with underground or overhead services	H&S	Oprs	Review positions with reference to utility plans and maintain safe distances. CAT scan each position prior to breaking ground.	1 x 5	Low
Lifting and Handling injuries	H&S	Oprs	Adopt good lifting and manual handling practices; use available aids.	2 x 3	Low