

Borehole coordinates: Eastings - 344953.443 Northings - 375842.839 Top 24" depth ref - 20.288 m AOD Top 24" to GL - 0.070 m		Well Schematic TH0412 Abstraction / Reinjection Borehole		BGSBritish Geological Survey	
Wireline logging undertaken		Tools run			
Section logged from 1.5 to 100.2 m. Top section from 2 to 15 m through the intermediate casing then lower section below shoe to TD in reamed 222 mm hole. (04/05/23)		GR, CALI, ACBI, LRES, TEMP, COND			
Ground Level		Depths m MD-BCT		Comments	
		All Measured Depths (MD) are in metres Below (24") Casing Top (BCT)			
24" Cemented to casing top					
11.5" cemented to surface (0.78 m below 24" casing top) - no losses					
Fibre optic cable (Active constellation)					
	24" casing shoe OD 630mm (24.8") ID 593.2mm (23.35")				
	Intermediate section cored in 146 mm to 16.20 m then reamed out to 444 mm down to 15.5 m				
	ERT cable with 14 electrodes from ~2 to 15m bgl				
	3 1/2" Rising main Ecoline Heavy Duty PN26 PVC Riser (88 mm OD / 80 mm ID 110mm OD Over Joint)				
	Intermediate Casing shoe (11.5") OD 330 mm ID 292 mm				
Shoe joint dropped onto shoulder - shoe length 0.307 m					
Pump power cable					
	Remedial cement job (OPC grout) to secure detached casing shoe. No cement present when inspection camera run. Unable to sleeve due to well being drilled off centre inside intermediate casing string. Cement plug set to 16 m inside openhole then reamed out once complete.				
	Geopro openhole packer				
	Druck 1800 series sensor below packer				
	Geopro flow sleeve / valve				
	Grundfos SP 46-5 pump				
	Openhole section ID 222 mm Cored to total depth in 146 mm diameter before reaming out to the final hole size - 222 mm				
	Cored to total depth and retained				
TD Coordinates Eastings - 344953.19 Northings - 375842.84 Step out - 0.25 m (inc 0.8 deg / azi 258 deg)		Tagged depth prior to install Reamed depth Total depth			
		93.4 m			
		100.0 m			
		100.5 m		Additional 0.5 m drilled for sump - debris in well	