



GROUT INJECTION SPECIALISTS

GIS	JOB DESCRIPTION		JOB No: 5671
	Kidwelly Shafts / National Grid		DATE: 7 May 2007
OBJECTIVE:	Sealing of major water inflow into tunnel and shaft		
TECHNICAL DATA:	DRILLING:		POLYMERISATION TIME: 20-30 seconds
	DIAMETER:	16mm	INJECTION PRESSURE: Up to 6 bar
	CENTRES:	3-400mm	
ANGLES:	30-40 deg	MATERIALS: TAM PUR 125	
DEPTH:	250mm		
COMMENTS:			
Back grouting was carried out to the pre cast shaft and tunnel segments. The polyurethane resin was injected at rates and pressures in excess of inflow and hydrostatic pressures. Maximum acceleration of chemical was used in order to achieve rapid polymerisation time.			
PRIOR TO TREATMENT:		COMPLETED TREATMENT:	
			

GROUT INJECTION SPECIALISTS LTD
 UNIT 12, BLACK MOOR BUSINESS PARK,
 NEW ROAD,
 MAULDEN, BEDFORDSHIRE.
 MK45 2BG
 01525 404770

WWW.GROUTINJECTIONSPECIALISTS.CO.UK

