CUMBRIA COUNTY COUNCIL - CONSTRUCTION SERVICES BD 21/97 LOAD ASSESSMENT REPORT			PAGE No
			OF
FOR:	B6259	GREAT MUSGRAVE RAILWAY BRIDGE	DATE:

	The assessment was carried out in accordance with the standards stated in the Design Basis Statement/Approval in Principle Form TA1 countersigned by the Client on10 Nov 97(delete if non-applicable).
	1. The results of the assessment are as follows:
	Great Musgrave No 25 Railway Bridge has been assessed in accordance with BA16/97 and BD21/97 using the modified MEXE method.
-	The arch barrel has been found to be unsatisfactory for Full Construction and Use loading. A 17 Tonne weight restriction should be applied to the structure.
	The allowable axle loads are: Max single axle load = 11.5T per axle Max double axle load = 7.5T per axle Max triple axle load = 6.5T per axle
	The foundations, abutments, wingwalls, spandrels and parapets have been assessed qualitatively (visual inspection) in accordance with clause 8 of BD21/97 and are considered adequate to carry the present imposed loading.
نویندی. بوهندور	The parapets do not comply with the requirements of BD52/93 in terms of impact resistance.
Antonia	2. Recommendations to increase the assessed capacity are as follows:
-sa ým.	Repoint arch barrel

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