

Site: Brough, Westmorland  
Laboratory Number: 730382  
Coal Type: Banded vitrain and clarain  
Palynological Assemblage: Spores and detrital wood.

Spore taxa: *Schulzospora rara*  
*S. ocellata*  
*S. plicata*  
*Punctatisporites nitidus*  
*Crassispora kosankei*  
*Lophotriletes microsactosus*  
*Lycospora noctuina*  
*Leiotriletes* sp.  
*Grandispora* cf. *spinosa*  
*Remysporites* cf. *magnificus*  
*Calamospora liquida*

Age and Source: The assemblage is distinguished by an abundance of specimens of the genus Schulzospora and the presence in association of Crassispora kosankei, Remysporites cf. magnificus and Grandispora spinosa. This occurrence is restricted to the lower part of the Namurian ('Millstone Grit') and moreover occurs in the Tan Hill Coal which outcrop to the south-east of Brough.



Site: Brough, Westmorland.  
Laboratory Number: 730383  
Coal Type: Banded vitrain and clarain  
Palynological Assemblage: Spores and wood fragments.

Spore taxa: *Schulzospora elongata*  
*S. rara*  
*Acanthotriletes castanea*  
*Rotaspora knoxi*  
*Radiizonates capistratus*  
*Tricidarisorites fasciculatus*  
*Punctatisporites aerarius*  
*P. sinuatus*  
*Lycospora uber*

Age and Source: In some respects a similar assemblage to that present in Sample 730382, i.e. Schulzospora spp. are fairly common. However, the presence of Rotaspora knoxi and Radiizonates capistratus constitute a significant difference indicating a slightly older age, i.e. uppermost Visean (Middle Limestone Group of the Brough area). Possible sources are local in the Stainmore region.