

# ANCIENT MONUMENTS LABORATORY

## REPORT

1504

**SERIES/No**

CONSULTANT

**AUTHOR**

Dr R Neves

**TITLE**

COAL

WINTERTON

CC/T

Locality Reference: Winterton/68006

Coal Type: Clarain

Palynological Assemblage:

- Calamospora spp.
- Crassispora kosankei
- Densosporites anulatus
- Endosporites zonalis
- Florinites visendus
- Laevigatesporites vulgaris
- Vestispora irregularis

Stratigraphic Age:

Not a rich assemblage, distinguished by Laevigatesporites vulgaris and Vestispora irregularis which in the absence of Endosporites globiformis is interpreted as indicating an age near the Lower to Middle Coal Measure boundary.

Both this sample and samples 680070 and 680054 could be derived from outcrops in the Yorkshire coalfield to the west (40 miles).

Locality Reference: Winterton/680070

Coal Type: Clarain

Palynological Assemblage:

- Calamospora spp.
- Cirratriradites saturni
- Cingulizonates loricatus
- Crassispora kosankei
- Endosporites globiformis
- Florinites mediapudens
- Laevigatesporites vulgaris
- Lycospora pellucida
- Schopfipollenites ellipsoides

Stratigraphic Age:

An assemblage dominated by Endosporites globiformis and probably Middle Coal Measures in age. i.e. Middle Westphalian B.

Locality Reference: Winterton/680054

Coal Type: Clarain

Palynological Assemblage

- Apiculatisporis abditus
- A. spinosaetosus
- Calamospora liquida
- C. microrugosa
- C. perrugosa
- Florinites mediapudens
- F. similis
- Laevigatesporites vulgaris

*Lycospera pseudoannulata*

*L. pusilla*

*Potoniesporites elegans*

*Raistrickia fulva*

*Savitrisporites nux*

*Schopfipollenites ellipsoides*

**Stratigraphic Age:**

The assemblage contains few specifically diagnostic elements and whilst it can be seen to be Coal Measure in age it is mainly the "absence" of certain spores which tend to indicate an upper Westphalian A age.