Explanation for Figures C-E


Trough or planar tabular cross-stratificaton


Swaley cross-stratification


Hummocky cross-stratification


Horizontal or subhorizontal bedding

Ripple cross-lamination


Flaser bedding


Wavy bedding

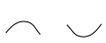

Lenticular and streaky bedding


Convoluted bedding


Double mud drapes or carbonaceous drapes


Roots


Bioturbated


Bivalve shell fragments


Paleocurrent direction


Sequence boundary, (dashed where approximate)

Grain size abbreviations

c	clay
vf	very fine grained sand
m	medium grained sand
vc	very coarse grained sand

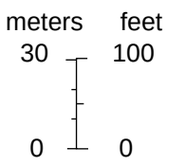
Geophysical log abbreviations

NG	natural gamma log (values increase to right)
Den	density log (values increase to left)
Res	resistivity log (values increase to right)

Scale

4.5 mi
(3.5 mi)

Distance between drill holes and measured sections. Distances in parentheses are measured perpendicular to paleostrandlines.



vertical scale

Lithology and depositional environments

Upper shoreface

Lower shoreface

Tidally-influenced (sandstone dominated)

Tidally-influenced (mixed sandstone and mudrock)

Tidally-influenced fluvial

Fluvial

Floodplain and mire (coals are black)

sandstone

mudrock

Coal zone

Extraformational pebbles

Mud clasts