











What is North Sea Core?

- Established in 2017
- Official launch at Petex 2018
- Distribution of UKCS core material
- We only get the operator half
- Mostly voluntary initiative
- Formed CIC in May 2020
- Ambition to grow

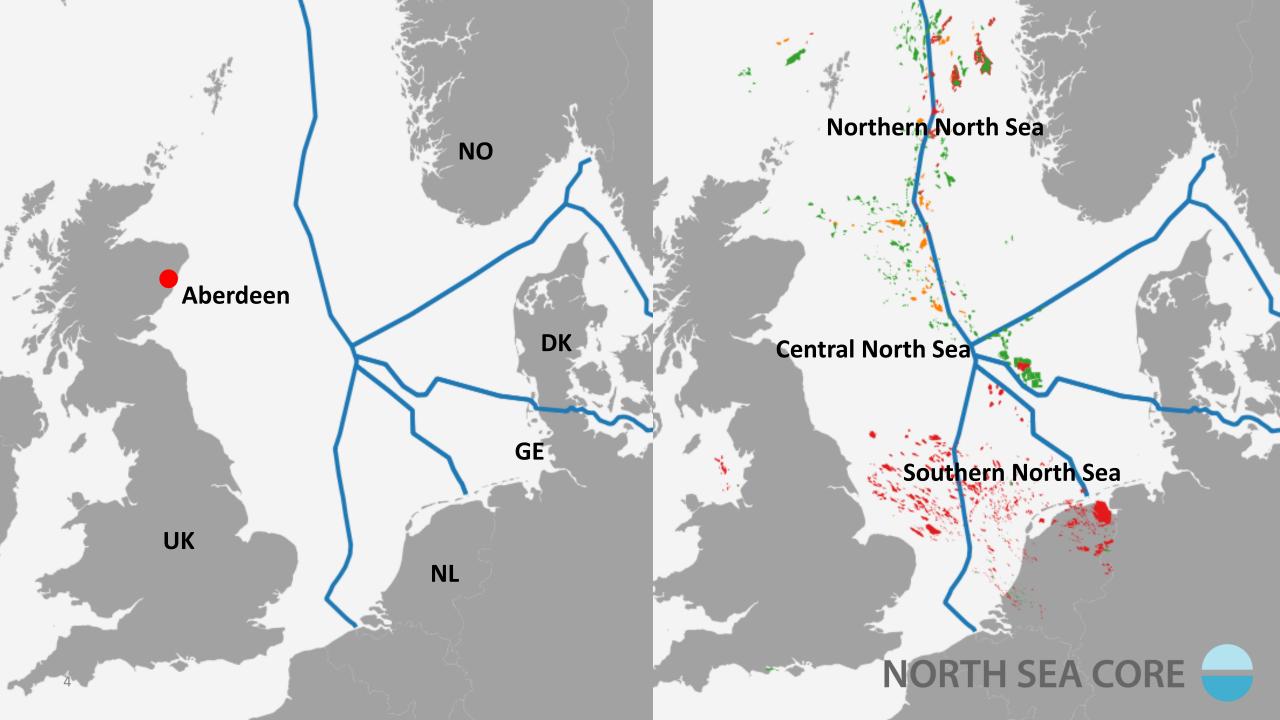
















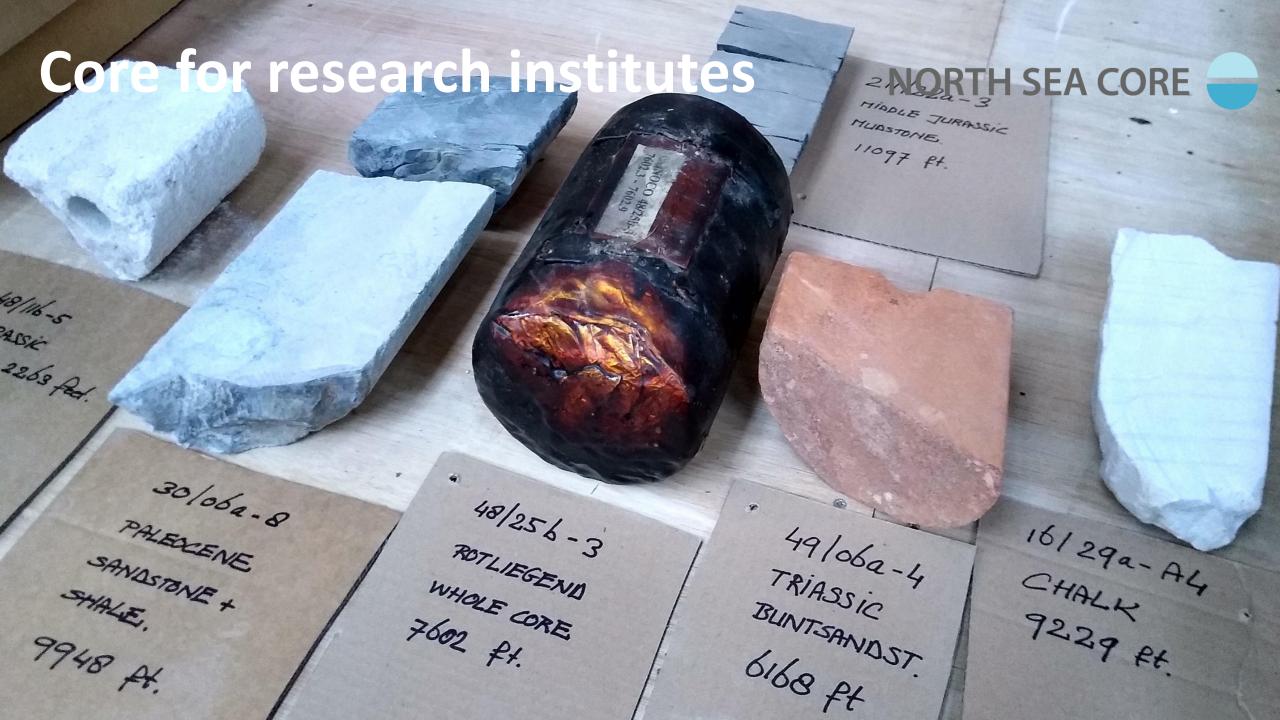
- Core for academia teaching
- Core for academia research
- Core for research institutes
- Core for schools
- Core as speaker gifts
- Core as a momento
- Core for industry
- Core for North Sea Core



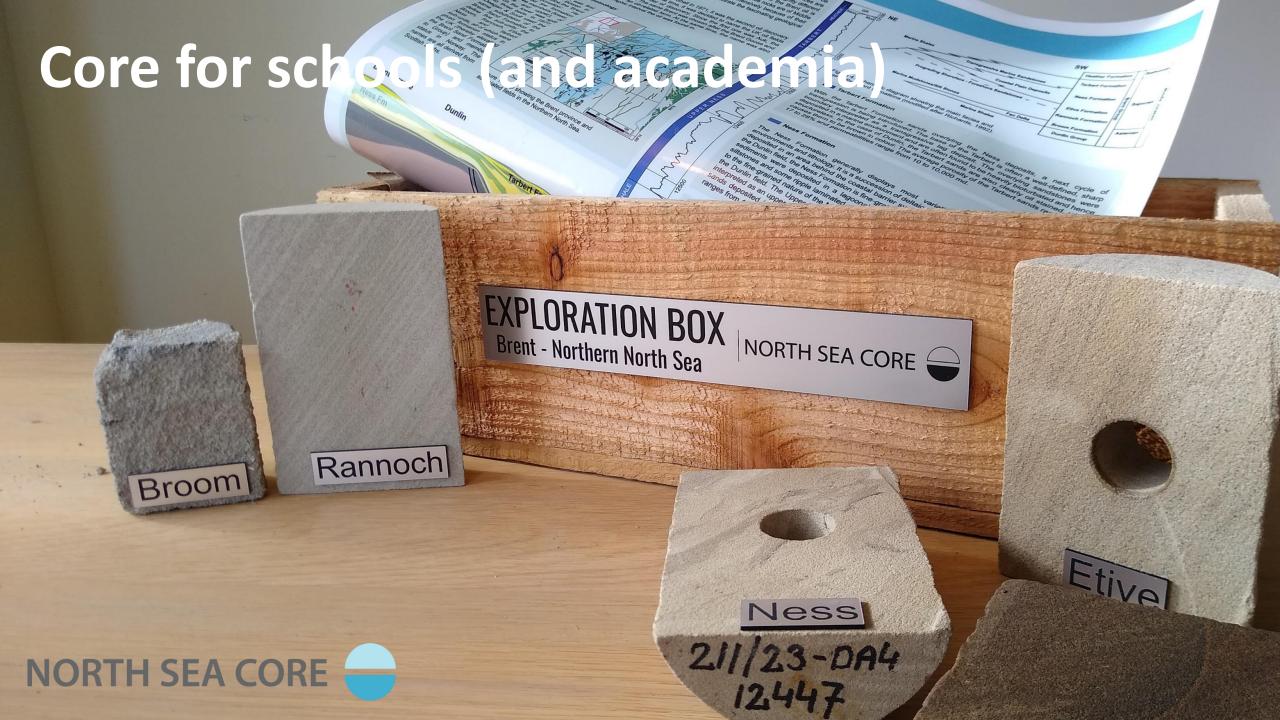














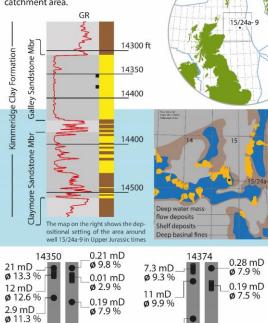




Upper Jurassic turbidites Outer Moray Firth - Central North Sea This cored sandstone, which is part of the Galley Sandstone

This cored sandstone, which is part of the Galley Sandstone Member, was deposited as a series of mass flow or turbidite deposits derived from the platform area to the north. As the sandstones were deposited very quickly, there is a general lack of sedimentary structures, although an alternation of coarse and more finer grained intervals can be observed. Of particular interest are the dissolution bands that can be seen in the coarser grained intervals. Granules of green clays have also been observed (see piece of resinated half cut core). Neighbouring well

15/24-4 mentions reworked Carboniferous flora in the Galley sandstones, indicating the outcrop of Carboniferous strata in the catchment area.



Well 15/24a-9 was drilled to appraise the Bowmore discovery made by well 15/24a-4 in 1990, 1600 m further to the east. Drilled as an HPHT well, the top of the reservoir was found at a depth of 14309 ft (4361m). Although the logs indicated the presence of hydrocarbons, fluid samples suggested a water-wet reservoir.

0.08 mD

ø 7.7 % 0.21 mD

17 mD





ø 10.8 %









MIDDLE JURASSIC BROOM FORMATION

This sample of sandstone from the Middle Jurassic Broom Formation is from the Northern North Sea (Well 211/23- A18). The sandstone is coarse grained with many carbonate fragments. It is interpreted to have been deposited in a marine fan delta system.

The CT scan shows the gradual removal of the less dense sand material, leaving behind the denser carbonate material. These are most likely shell fragments that were transported with the sand into the basin.



