

COAL UNDER THE SEA.

In the Firth of Forth, over a mile from the Fifeshire coast, the world's first off-shore borehole for submarine coal prospecting is at work, for the National Coal Board. From this moveable tower a 12-inch casing descends 210 feet to the solid rock. Through the casing, a diamond-headed drill bores more than 3,000 feet down, into the rich coal-bearing seams which lie deep below the Firth.

Samples are brought up for examination by geologists. The coal will be mined by galleries driven out from a colliery on the coast; the job of the boring tower is to find exactly where the seams lie.

Each of these men has a furnished cabin in the tower.

Mr. de Raevs, the boremaster, inspects the samples, which indicate a significant addition to Britain's valuable coal resources.