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Tar Works - Muirkirk, Ayrshire





'Nothing can Induce us to go into such a Desert and Inland place as Muirkirk but the Absolute Certainty of having The Coal, Ironstone and Limestone, very cheap.'

This quotation expresses the sentiments of the Glasgow entrepreneurs who were attracted to Muirkirk by the abundance and accessibility of the area's mineral resources at the end of the 18th century. Over 200 years later I was confronted with a very similar emotional response, arriving in this remote moorland parish in 1991 as part of the RCAHMS field team. On this occasion however, our remit was to undertake an archaeological survey of the industrial landscape these entrepreneurs had exploited and then abandoned. In all, we mapped 9 square kilometres in detail at a working scale of 1:2500, for the first time allowing the full extent and complexity of this important industrial landscape to be understood. This remains the largest detailed landscape survey RCAHMS has ever undertaken.

The establishment of the Tar Works was central to the development of the mineral field and this was the first area we surveyed on the ground. While now reduced to rubble footings, the bank of 34 tar kilns can still be seen, surviving as a string of shallow circular bowl-shaped depressions, together with the foundations of the still house and workers' cottages. These buildings are recorded and annotated on a series of four estate plans held in the National Records of Scotland and dating from 1796 to 1802. The plans also reveal the extent of the initial operations and detail the position and depth of the early coal mines, indicating the limits of the coal seams and the location of some of the levels that were driven to drain and ventilate the mines.



From Tar Works to tarmacadam

From the outset, Lord Dundonald and his brother were assisted by John Loudon MacAdam who at first acted as their agent in Ayr, but by 1789 MacAdam had taken over the position of manager and by 1790 he had acquired the lease. This venture almost brought financial ruin to MacAdam and by the end of 1798 he had left Muirkirk and was later to find fame as a road engineer. His son William remained in charge until 1809 when, despite attempts to offer the site for sale, the Tar Works was abandoned.

MacAdam is best known for the process 'macadamisation' and was a great pioneer of road building at a time when modern industrial society was beginning to take shape. He is also renowned for introducing modern methods of professional road management into turnpike roads. He died in Moffat in 1836 after what his son James described as a 'useful and honourable life'. To commemorate MacAdam's achievements, a cairn was erected in 1931 on the ruins of the still house opposite the tar works. The stones forming the cairn are said to have come from the tar kilns themselves.

Today, few people driving through Muirkirk will cast an eye south across the River Ayr and perhaps fewer still will recognise the area's rich industrial past. But far from being a landscape of neglect, of abandoned mines, quarries and spoil dumps, the story told by this landscape is one that celebrates the remarkable achievements of the miners, quarriers and entrepreneurs at the forefront of the Industrial Revolution. As I came to appreciate during the course of our survey many moons ago, this is a landscape worthy of recording and one I would certainly be sad to lose.

Further Reading:

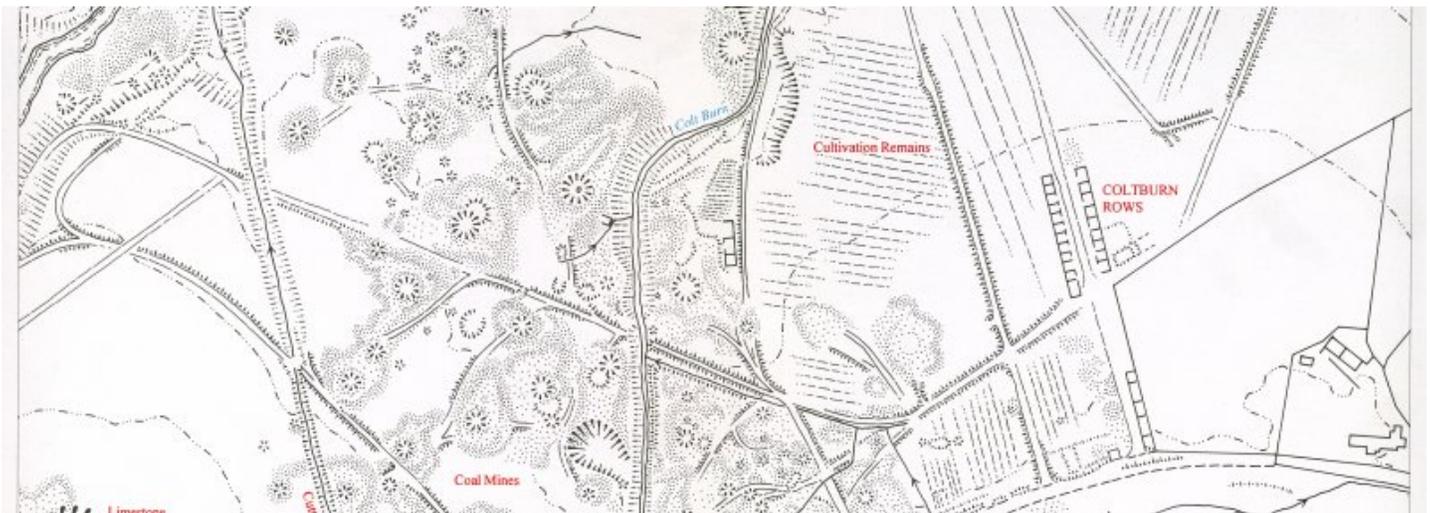
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Angela R Gannon, Archaeological Field Investigator



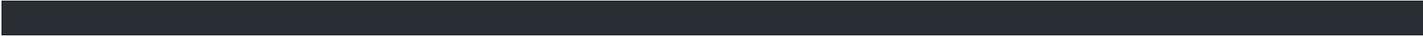


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