

BRITISH MINING No.3

# MEMOIRS 1976



Gill, M.C. 1976  
"Mire Shaft, Grassington Moor"  
British Mining No.3, p.5

**NB**

**This publication was originally issued in the 10 by 8 inch format then used by the society. It has now been digitised and reformatted at A5. This has changed the original pagination of articles, which is given in square brackets.**

ISSN 0309-2199

## MIRE SHAFT, GRASSINGTON MOOR

M.C. GILL

Mire Shaft is located 1 Km south of the Yarnbury Mines at N.G.R. SE 01586481 at an altitude of 1025ft, A.O.D. and was sunk to explore a N.W. - S.E. fault, running across Mire Ridge into Hebden Gill, where it can be traced in Care Scar.

The workings have been confined to the plate and grit beds and the tips are devoid of mineral, which must be taken as indication of the poor nature of the fault.

The shaft was equipped with a horse whim and a set of pumps driven by a waterwheel sited near Mire Hill Well. This wheel was fed from a dam on Mire Ridge, which was itself served with water from the Dukes Water Course at Yarnbury via a leat to the east of Mire Ridge.

The Rods to the shaft are 380m long and pass through covered cuttings (1, 2 & 3) at the brow of the ridge; to keep a more constant gradient and possibly to give protection from snow in this exposed area.

T. Trevethan states in a report to Mr. Eddy, dated May 8th 1879, that, "*Beevors shaft, drawing in good repair throughout as regards ladders and landings. Levels throughout in pretty good repair, requiring most repairs in the adit level crosscut lately driven in consequence of softening of the shales, through which the crosscut has been driven to the Mire shaft, since a communication was made.*"

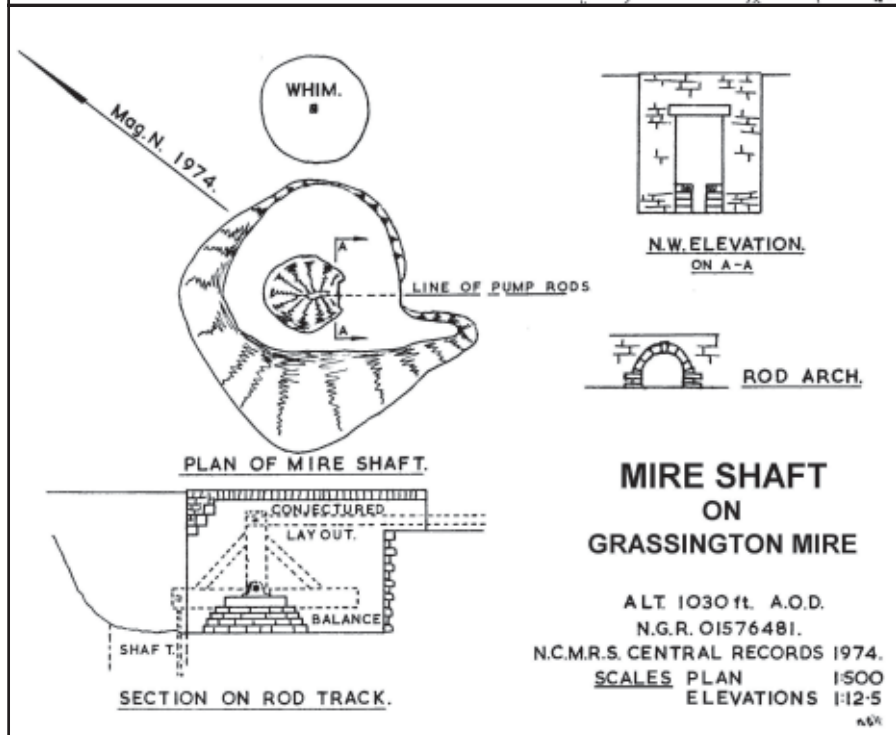
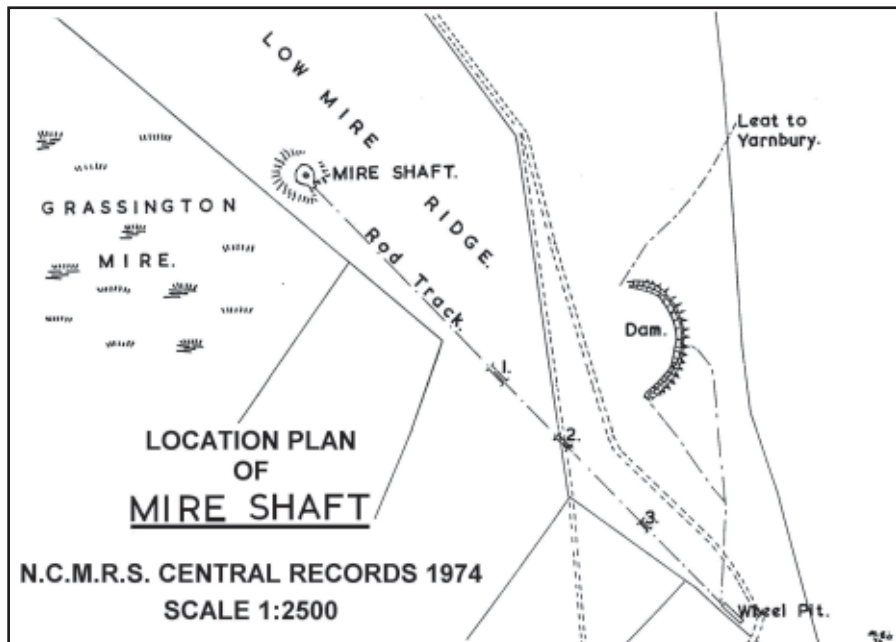
*Mire shaft and levels in good repair all materials excepting air pipes still in through to Beevors."*

This report indicates that the shaft was standing after a period of activity. The reason for the cross cut may have been to enable Mire Shaft to be continued in depth and give an outfall for pump-water at adit level; c.870 feet A.O.D. a decrease in the lift of about 150 feet. Or it may have been to reduce pumping costs whilst exploring the ground between the shafts in depth.

Unfortunately Mire Shaft has now run in and no plans have been seen of the workings, which, unless spoil was wound at Beevors could not have been extensive.

All that remains of the wheelpit is an elongated depression and parts of the goit: stone from the pit was used to build Linton Institute.

MIRE SHAFT, GRASSINGTON MOOR



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Raistrick M.S.S.

The Recorder would like to thank Dr Raistrick for assistance with this article.

November 5th 1974.