

# Towards a Better Understanding New Research on Old Mines

This is the second issue of *Welsh Mines and Mining*, an occasional publication which covers all aspects of Welsh mining. The volume contains the proceedings of the Welsh Mines Society conference at Machynlleth in October 2010.

The publication includes an account of the Esgairmwyn mine including the post-war reworking of the mine (G.W. Hall); two papers on lead, zinc and silver production in north-east Wales with quantitative analyses of the mining activity there (C.J. Williams, R.A. Williams); a discussion of Dillwyn & Co.'s Swansea silver refining operations (P. Claughton); further research on seventeenth- and early eighteenth-century mining at Cwmystwyth (R. Bird); Fenton's search for coal near Tywyn (D.M.D. James); three papers on mines and mining-related archaeological work near Pontrhydfendigaid including a description of probably the first underground hydraulic engine in Wales (J. Webb, D. Sables and R. Bird); a re-examination of Brynrafr mine (S.J.S. Hughes); the detection of methane in mines (R. Vernon); the 'birth of flotation' at Glasdir Mill plus a contemporary description of the later vacuum flotation process (G.W. Hall, R. Vernon); a history of the Llwyn Teify, Bwlchwyn, Penrhiw and Ystumtuen mines (G.W. Hall) and a detailed critique of the IGS mineral reconnaissance map in the northern Central Wales Orefield (D.M. James).

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Edited by D.J. Linton

