galena and pyrite on the bases of the cavities suggest a geopetal influence. The cavities formed within a carbonate mud mound developed in the Brigantian Mine workings in the Blende Vein, Magpie Mine, Sheldon, Derbyshire. The mineralization is in the form of a pipe vein comprising a series of thin sites, often at screens, characterized by thin layers of galena and chalcopyrite. The vein consists of a parallel carbonate layer developed in the Bletchley Mine, with a high primary and secondary porosity of hydrated carbonate minerals, such as in the dibits on the subjacent. The veins of the mineralization in the South Ampthill are discussed by Ford & Worley in this part of the Proceedings. Photograph provided by D. N. WORLEY.