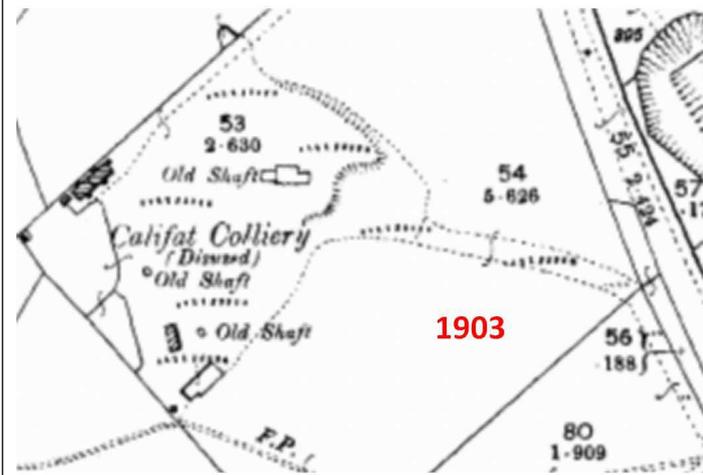
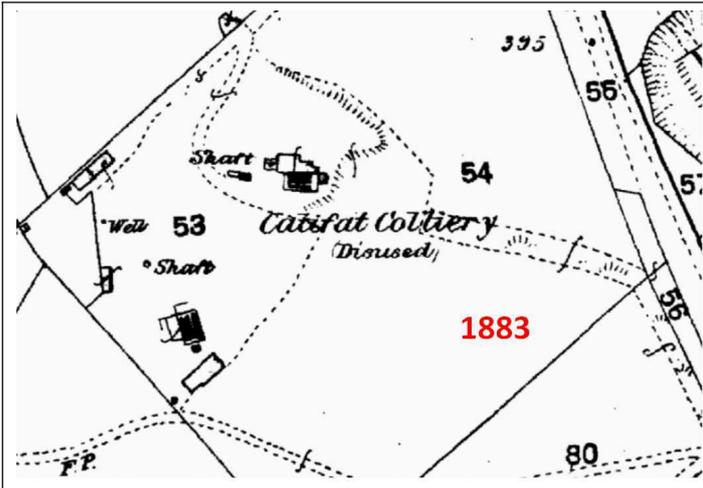
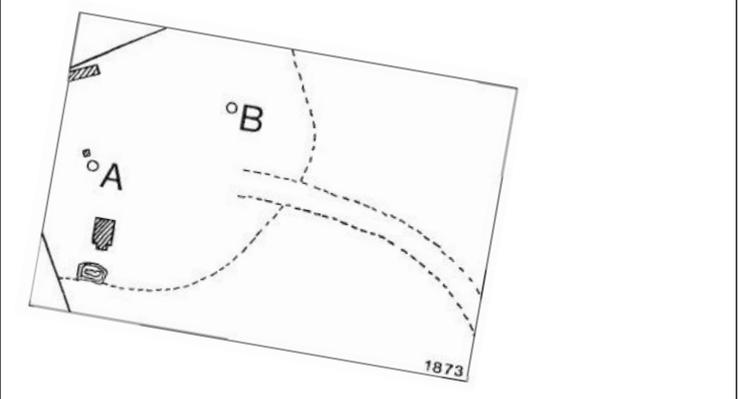
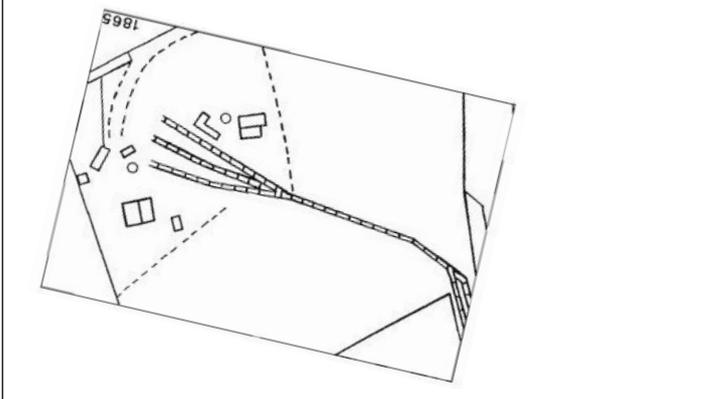


Califat Maps Summary

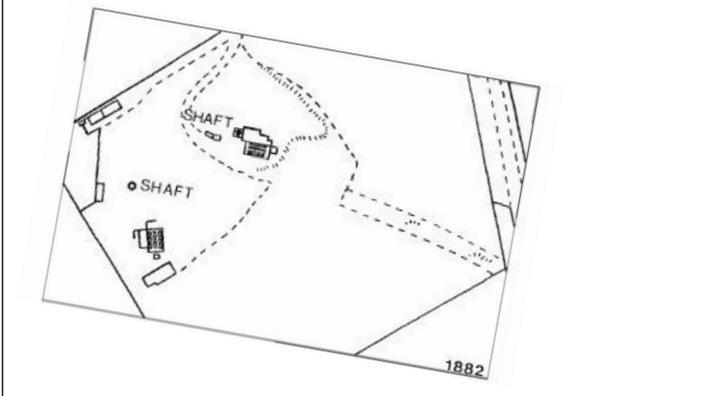


James Brunlees, 1865

Map by 1873

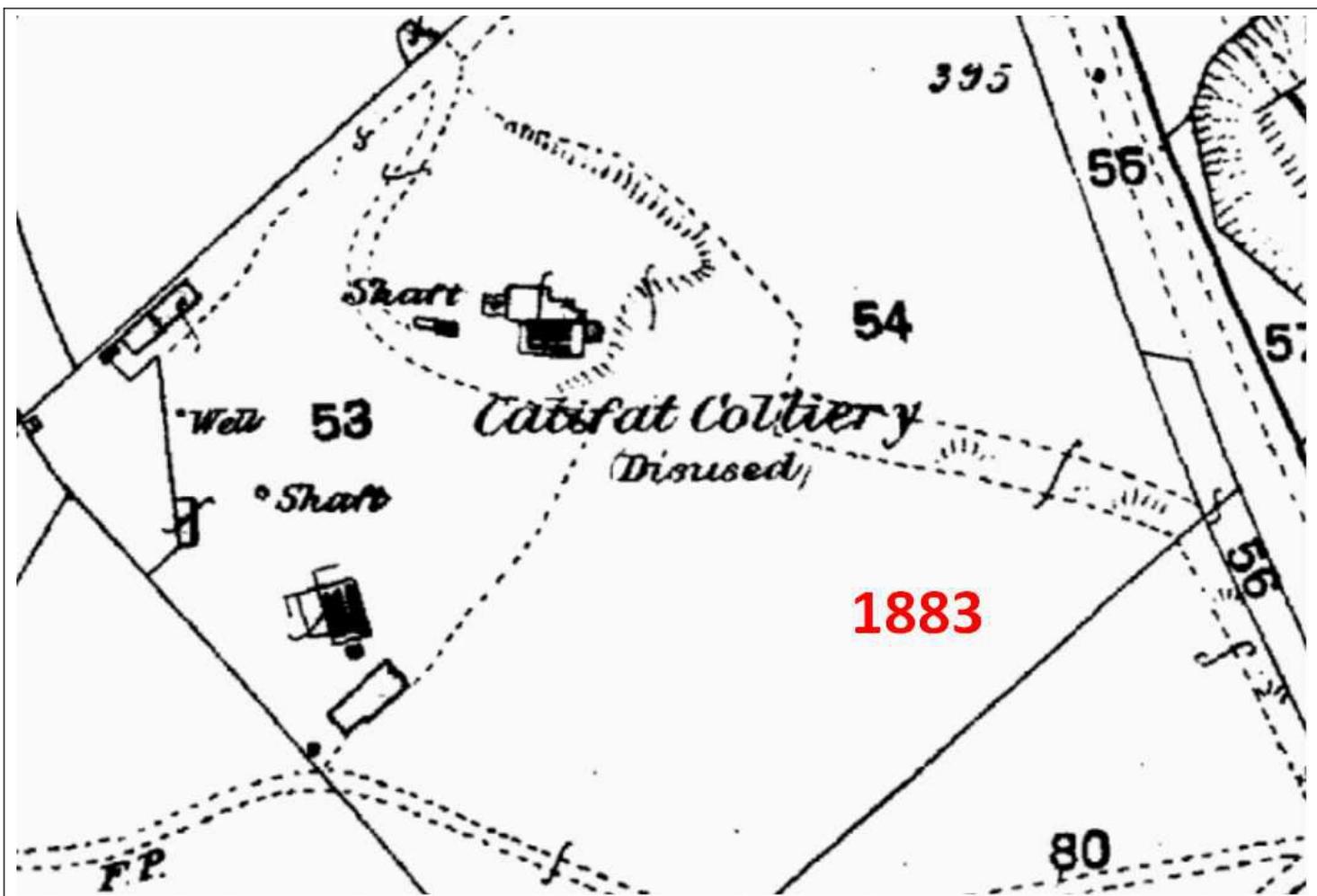


Map by 1882



Additional source - National Library of Scotland  
<http://maps.nls.uk/geo/explore/#zoom=19&lat=52.7356&lon=-1.3787&layers=168&b=1>  
 The viewer can see various maps including:  
 - OS 25 inch 1892-1905  
 - OS 6 inch 1888-1913  
 A slider in the bottom left corner of the screen allows the user to overlay a modern aerial image on top of the old one to help reconcile the features.

## Large Maps

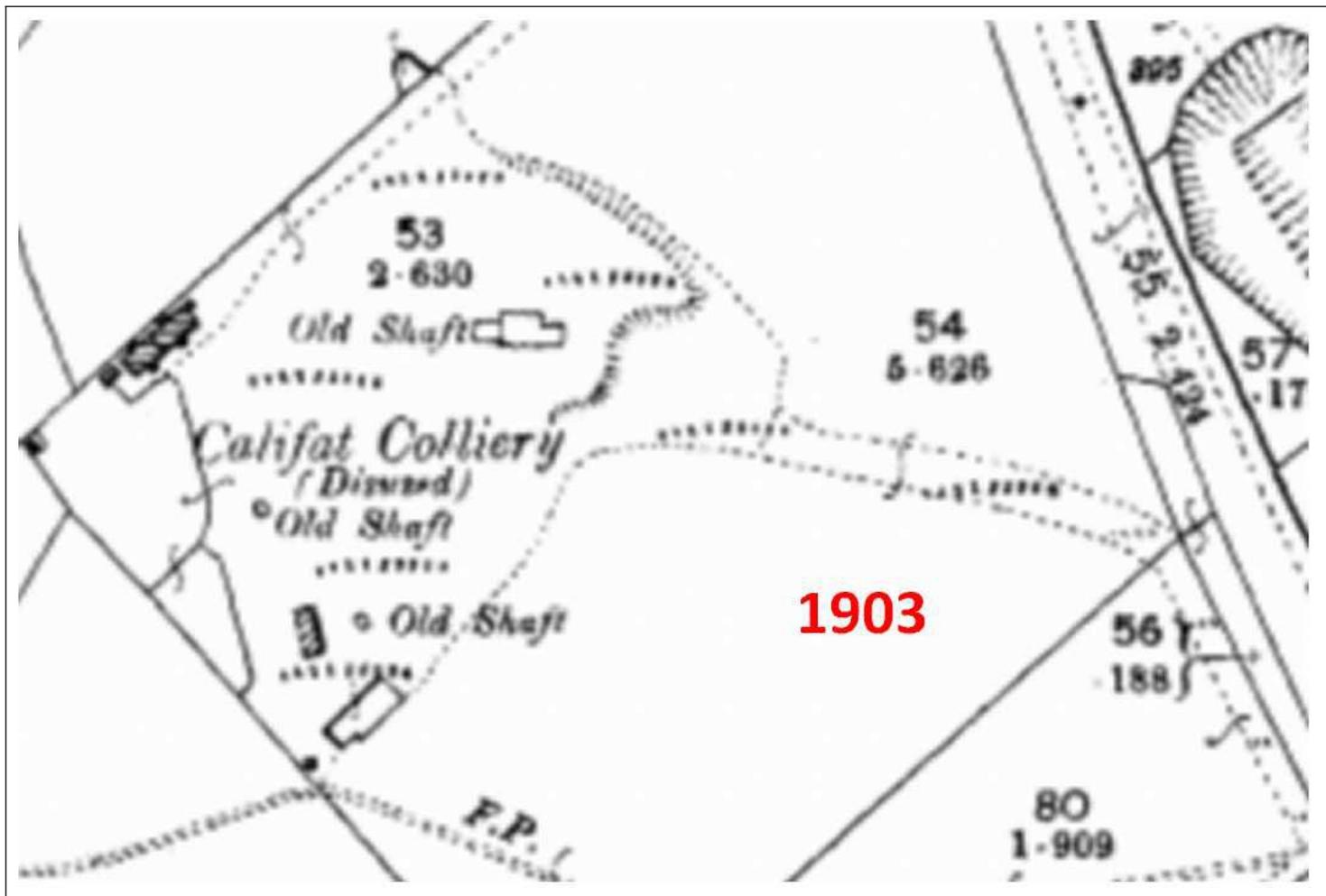
**Ordnance Survey Map 1883**

Building to west of Califat shaft - could it be the blacksmith's shop?

What is the black dot west of the reservoir?

Shows route of the Califat tramway in the south east corner - parallel to the road then turns left to the colliery.

Does not show the old shaft to the east of the Califat engine house complex.



### Ordnance Survey Map 1903

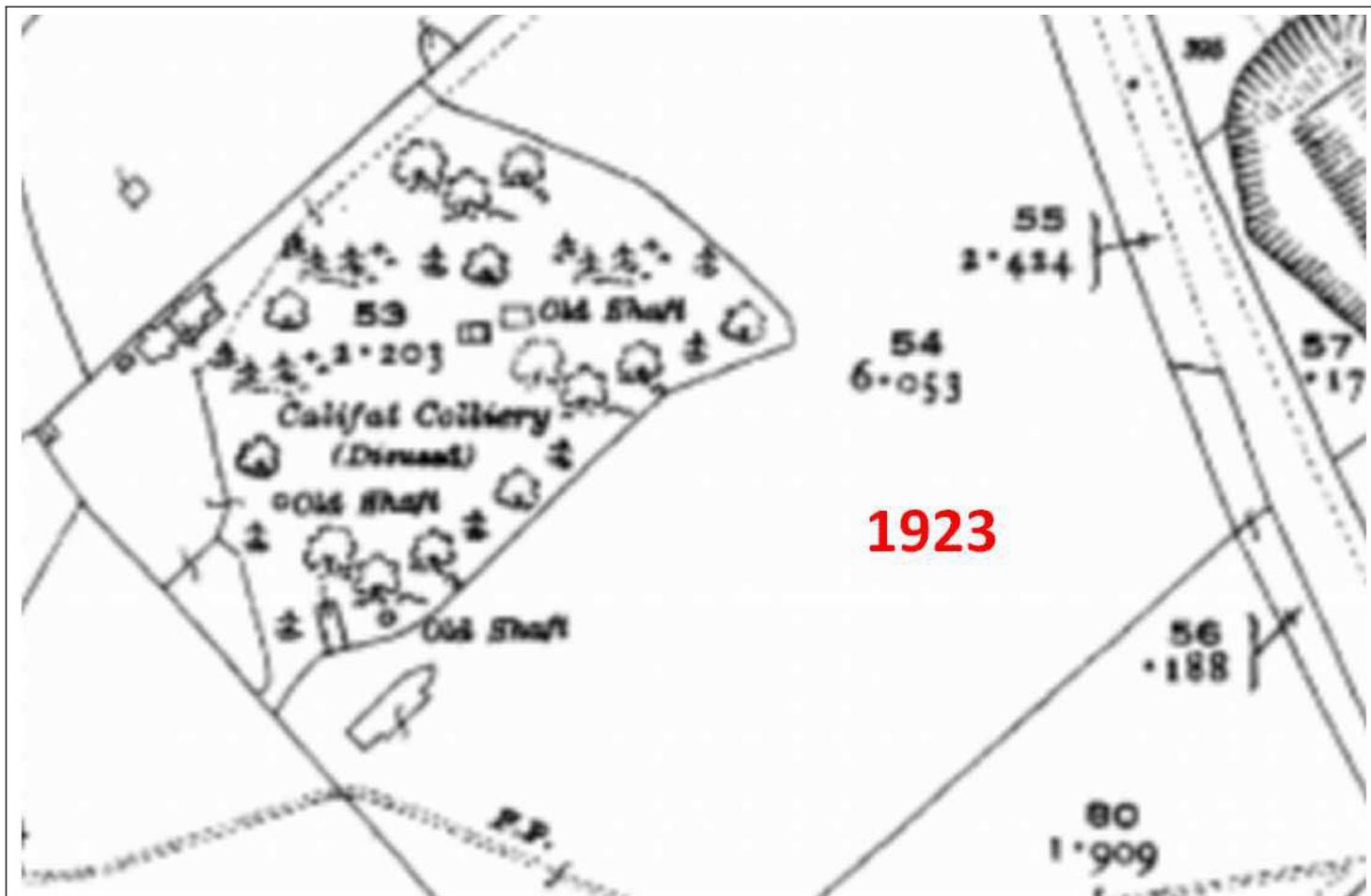
Does not show the building to west of Califat shaft that was on the 1883 map

What is the black dot west of the reservoir?

Shows route of the Califat tramway in the south east corner - parallel to the road then turns left to the colliery.

Shows the old shaft to the east of the Califat engine house complex.

Both the Califat engine house complex (towards the south west) and the Alabama engine house complex (further north) are shown in less detail than the 1883 map. Possibly due to buildings crumbling / building materials being taken for reuse in village / soil or debris or brambles making them less visible.



### Ordnance Survey Map 1923

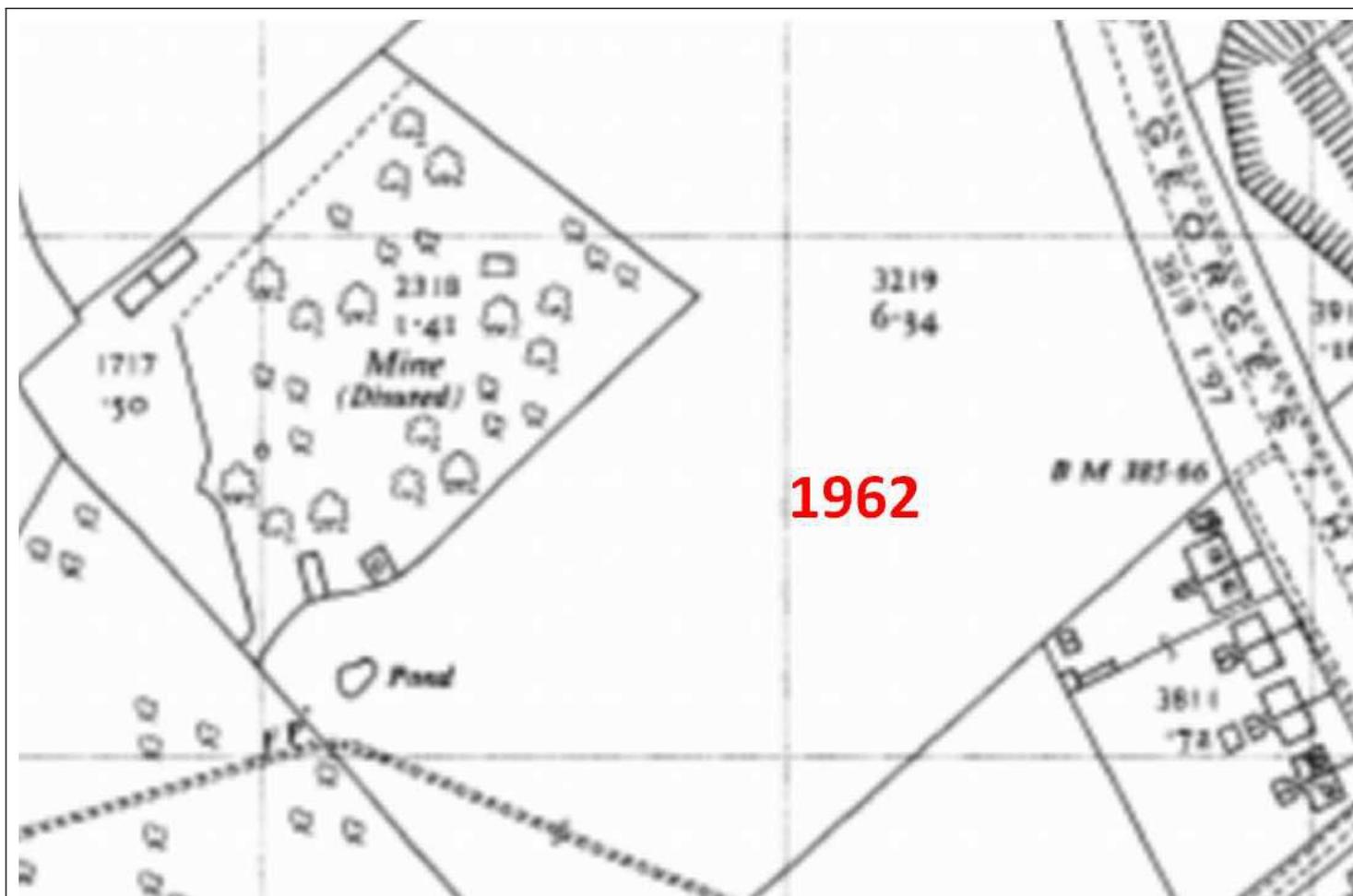
Building to west of Califat shaft not shown.

Black dot west of the reservoir not shown.

Route of the Califat tramway not shown

Shows the old shaft to the east of the Califat engine house complex.

Charlie Hyde, estate labourer for the land owner, Wyggeston Hospital, lived in the miners' cottages shown in the north east corner of the spinney. In 1911 he planted the spinney with silver birch trees, hence the site being shown as woodland.



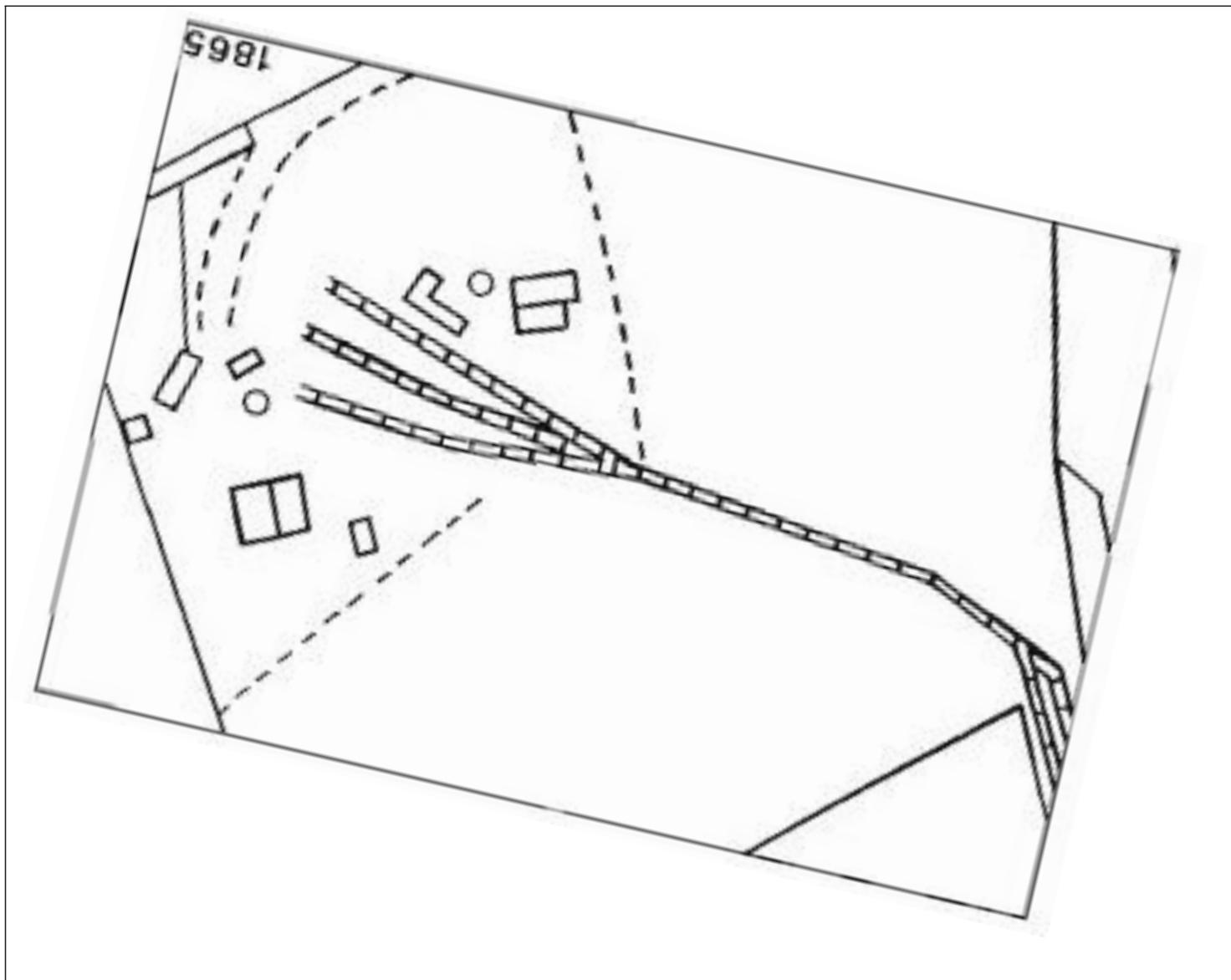
### Ordnance Survey Map 1962

The 1962 map shows much mining features in much less detail.

The former reservoir at the Califat engine complex has changed from a rectangle to a circularish pond.

The miners cottages were demolished in 1958 but can still be seen on the map.

Houses have been built on St George's Hill, their front gardens covering the route of the Calcutta tramway.



### Map by James Brunlees, 1865

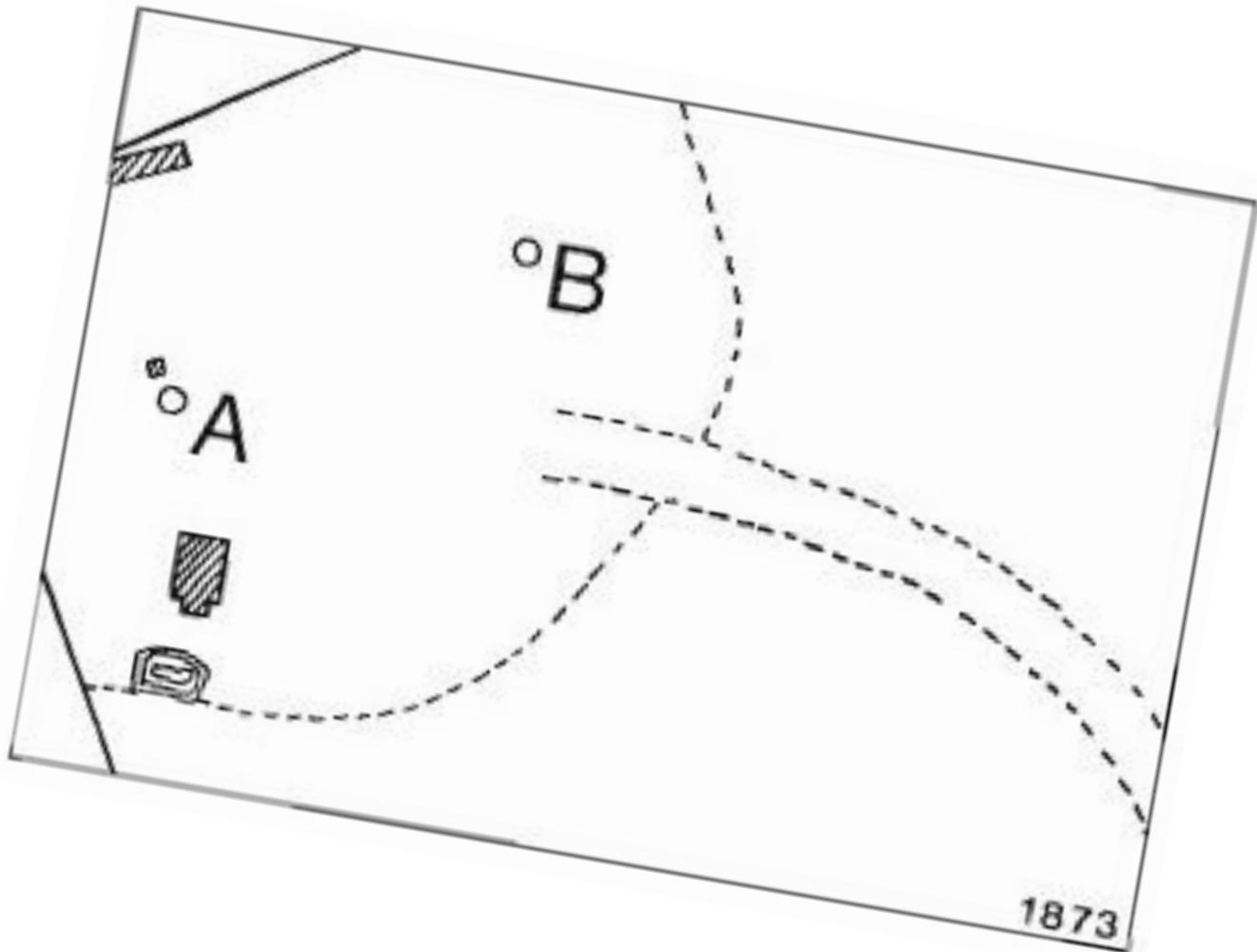
Peter Neaverson - *“The earliest map found which shows evidence for mining on the site was submitted to the Leicester Quarter Sessions in 1865. The relevant section is reproduced as illustration 2(i). The plans were drawn up by James Brunlees, Engineer, to accompany a proposal for a railway from Melton Mowbray, via Loughborough to Ashby-de-la-Zouch.*

*The Califat site lay within the lines of deviation for the proposed railway which was located to the south of it. The plan shows various buildings on the site, together with a tramway that led from the colliery to the Leicester and Swannington Railway terminus. The embankment of this tramway may still be seen running alongside the road at SK 416 N38. The proposed railway was never built.”*

*“(i) 1865, redrawn from the map accompanying the 1865 railway proposal, LLRRO QS.73/166*

This map shows more buildings than on the OS maps, it also shows the Califat tramway splitting into three within the mine site, possibly to reflect a coal yard used to store coal and load it into trucks.

The industrial archaeologist Peter Neaverson participated in the Leicestershire Industrial History Society excavation of the Alabama engine house complex from 1993-1999. Peter wrote the report of the excavation and the 1865, 1873 and 1882 maps in this document appear in his report. The maps have been re-orientated so that north is at the top in each case.



(ii) 1873, redrawn from the map dated 2<sup>nd</sup> August 1873, LLRRO DE.490/28 The site is labelled as Coleorton No 2 Colliery and a note assigns Shaft A to Snibston Colly Co and Shaft B to Pumping Co.

Neaverson - By March 1866, Main Coal extraction at the northern Swannington No.1 (Calcutta) was running down and the shaft was to be closed. By inference it is most probable that working at the Califat Pit nearby was also ceasing. This is supported by the 1870 Plan of exhausted Mines and the 1873 map, illus. 2(ii) which shows no buildings by the Califat shaft marked B, with which this investigation is concerned. If this evidence is accepted, then it can only be concluded that the buildings shown on the 1882 Ordnance Survey map were newly erected. This plant was most probably erected by the Swannington Pumping Company.

Documentary evidence (The Swannington Pumping Company)

The first reference found to the Pumping Company are the annotations to the 1873 map, illus. 2(ii), the second takes the form of hand-written notes attached to a copy of a draft assignment lease in respect of lands and premises at Swannington, between the executors of the late William Worswick, George Robert Stephenson, Joshua Sandars, William Burley Hume and the Wyggoston Hospital." This re-states the original 1852 lease for 35 years. The written notes refer to:

- two closes of land coloured pink on the enclosed plan numbered 1 and 2 which were leased to William Fenton and William Worswick, two shafts were sunk A and B and a railway made across part of close number 1 from the shafts. The parties of the first part [Worswick] have no further need to use the shafts or occupy the said closes. Parties of the second part [George Robert Stephenson, Joshua Sandars, William Burley Hume (Snibston Colliery Company)] entered into possession of the spoil banks and shafts on or about 29 September 1873, but they have not paid any rent for same Assign the two closes and also the aforesaid shafts and the buildings works and railways upon the said closes and all benefit and advantage thereof (subject nevertheless to the right of access at all times to the said shaft B for the servants or agents of a certain association called The Swannington Pumping Co to which the said parties hereto are parties)

The 'enclosed plan' was not with the draft lease, but it can be assumed from the above- mentioned details thereon that it is in fact the plan shown as illus. 2(ii) dated 2nd August 1873. The above notes imply that mining operations at Califat had ceased by that date and that the Snibston company had taken possession of the site, using Shaft A and the Pumping company was in possession of Shaft B, which is the subject of this investigation.

