

# Excursion to Coweroft Brickfield, Chesham. Saturday, July 15th, 1916 - Geologists' Association excursion

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**Geologists' Association Circular No. 189. Session 1915-1916  
p.3**



## **Cowcroft Brickfield, Chesham. Saturgay, July 15th, 1916**

**DIRECTOR:** G. BARROW, F.G.S., M.I.M.M.

**EXCURSION SECRETARY:** T. W. READER, F.G.S., 17, Gloucester Road, Finsbury Park, N.

Outward train: Baker Street.1.5 p.m; Chesham, 2.20.

Return train Chesham, 7.54 p.m. ; Baker Street, 8.47.

Return fare, 2s. 4d. Tea the Crown Hotel, Chesham about 6.30 p.m.

The party will walk by the south road, *via* Hill Farm, to the Cowcroft Brick field, about 2 miles, and return by the north road, *via* Botley. The main object of the excursion is to re-visit the brick-pit and see what further light is thrown on the movements in the superficial beds that here overlie the Reading Beds. (See Monthly Circular for July, No. 179, Session 1914-1915. Also Proceedings, 1915, pp. 330-140.)

*En route* the party will pass over two chalk hills separated by a small hollow. On the first there is no Tertiary outlier, and the superficial deposit capping the bill is "Clay with Flints." A number of broken up blocks of Hertfordshire Puddingstone will be noted on and about the road. After crossing the hollow, on approaching the outlier of Tertiary Beds it will be seen that the Chalk is covered by clay with Reading pebbles, as is almost always the case.

The party will proceed straight to the brick-pit, and after examining this will visit as many of the openings as time will allow. The two most interesting are (1) a small opening, on the north side of the bill, showing the bed immediately above the Chalk, which is highly glauconitic, and contains fish teeth ; (2) the pit on the south-west side of the hill, showing the basement bed of the London Clay, pebbly and with numerous fossils in hard lenticular patches.

### **REFERENCES.**

Geological Map, Old Series, Sheet 7 Topographical Map, New Series, 238.

*Mem. Geol. Survey*, Memoirs, vol iv, p. 90 ; and W. WHITAKER, "Geol, of London,"vol. i, p. 194.

*Quat. Journ. Geol. Soc*, vol. x (1853) p. 90 ; and vol. lxxviii (1912), pp. 199-204.

## **Images**

**Excursion to Cowcroft Brickfield, Chesham, July 15th 1916**



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Faulting in Reading Sands covered with Reading pebble drift.



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Faulting in Reading Sands covered with Reading pebble drift.



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Channel filled with drift.



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Showing formation of terraces owing to a fault.

to variation of  
the level of the  
water.



Transported  
mass of chalk  
surrounded by  
Reading pebble  
drift.



Reading Sands  
showing  
denudation  
owing to a  
storm.



Reading Sands  
showing  
denudation  
owing to a  
storm.

# List of photographs

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- [Page 105 P804828](#) Channel filled with drift. Excursion to Coweroft Brickfield, Chesham, July 15th 1916.
- [Page 105 P804829](#) Showing formation of terraces owing to variation of the level of the water. Excursion to Coweroft Brickfield, Chesham, July 15th 1916.
- [Page 107 P804830](#) Transported mass of chalk surrounded by Reading pebble drift. Excursion to Coweroft Brickfield, Chesham, July 15th 1916.
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