



REDGATE HILL, HUNSTANTON

MAGNETIC SCAN

The field at TF 677 397 S of the B1161 road was scanned with the fluxgate gradiometer on 13 April 1976. Scanning gives a check on the general magnetic disturbance of the site but more detailed work is needed for the accurate location and recording of findings.

The approximate positions of the main features are shown on the tracing of the 25" plan. The survey was most thorough at the W of the field in the area of the British Museum phosphate work and less detailed elsewhere. The baseline shown on the plan was marked with pegs and used to locate nearby features. Others were paced or estimated.

RESULTS

The chalk subsoil gives a magnetically quiet background against which comparatively weak disturbances are detectable.

The more conspicuous features were as follows:

1. A general scatter of magnetic anomalies of strength 5 - 10 gammas in the area of the phosphate survey. This is the type of disturbance that would be expected from occupation remains of the kind already dug. The distribution did not appear to continue at the same concentration to the NE or E.
2. Various diffuse areas giving a slightly raised instrument signal (approx 5 gamma); especially to the S and E of the phosphate survey. This is difficult to assess without a recorded plot but could be due to changes in the natural soil depth.
3. A linear anomaly reading about 10 gamma lying at a right angle to the base line. It was some 3 m wide and seems to represent a substantial ditch. It was traced for about 160 m and was straight over most of its length, but the ends were not well defined.
4. Strong (20 gammas) but isolated anomalies. These could be archaeological but did not seem to relate to any wider pattern.
5. The remainder of the field appeared to be magnetically unresponsive. Some worked flints were found in the area marked at the W of the field but there was no magnetic activity.

CONCLUSIONS

A scan of this nature only represents a partial sampling of the site and further work is required to demarcate the features. It does seem likely, though that the magnetically disturbed areas are grouped around the known occupation site. Whether the ditch is related at all to the other features or is perhaps a field boundary is uncertain.

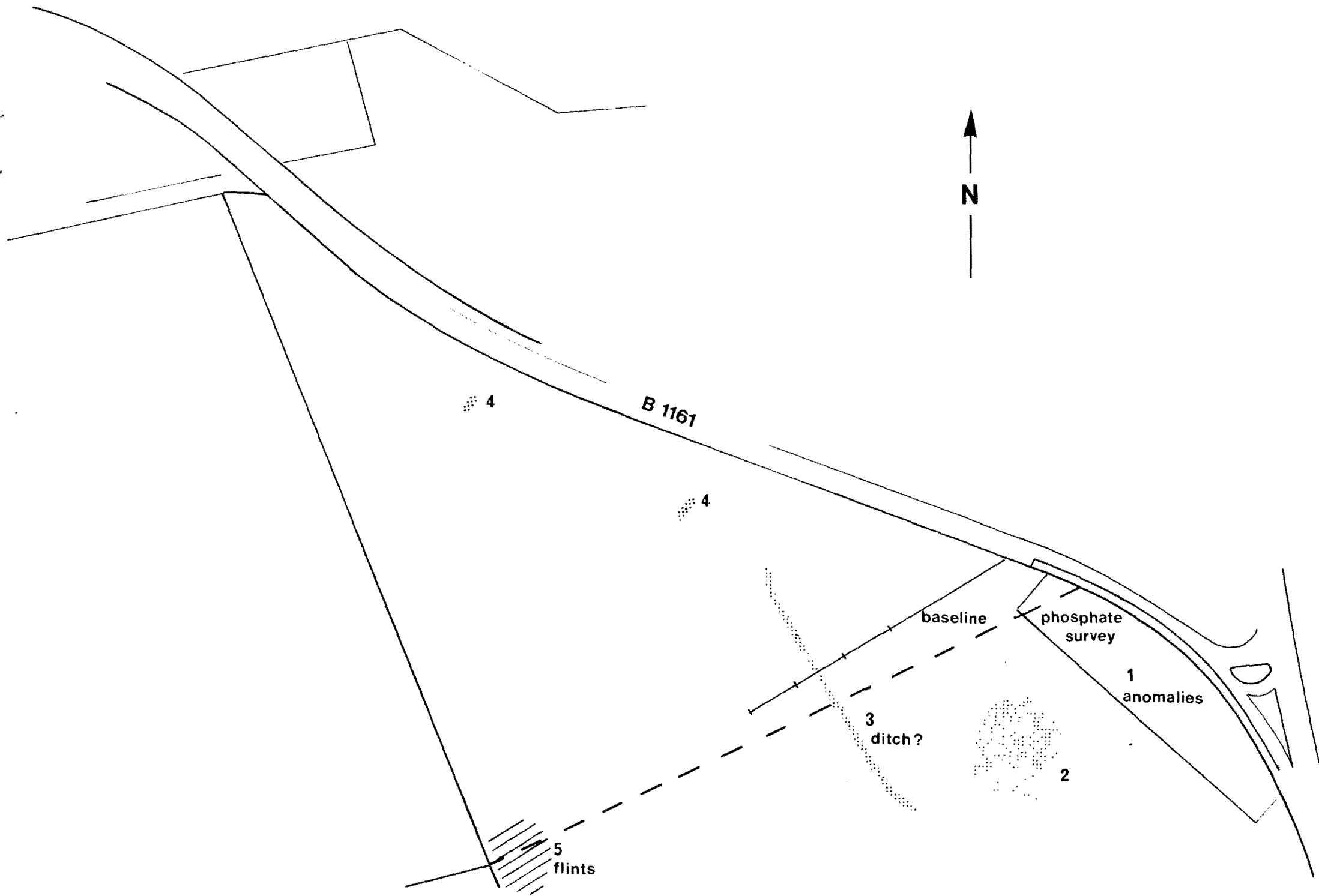
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April 1976

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Magnetic Scan



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