

ANCIENT MONUMENTS LABORATORY - GEOPHYSICAL SURVEY REPORT

SURVEY: KING'S SOMBORNE

DATE: 14-17th Dec, 1976

Report no. 31/76

1. SITE

OS ref: SU 370310

Field no.

Location: Fields lie on a flat hilltop bounded by 250' contour overlooking village half a mile to the W.

Geology: Chalk beneath superficial clay-with-flints.

Archaeological evidence: AP's show ditches in fields to either side of old chalk pit. Roman surface finds from adjoining field on NW.

2. SURVEY

Object: To confirm the presence of the ditches and check how far they extend along the gas pipe easement.

(a) Resistivity survey	1. Traverses	2. Area survey
Meter: Configuration: Spacing - probes: traverses:		

<p>(b) Magnetic survey</p> <p>Type of survey: automatic plotting</p> <p>Magnetometer: Fluxgate</p> <p>Chart recorder setting: 16 gamma/cm</p> <p>Logged for computing: yes/no</p>	<p>(c) Soil tests</p> <p>Auger:</p> <p>Magnetic susceptibility -</p> <p>1. Topsoil 25</p> <p>2. Subsoil</p> <p>3. Fill x10⁻⁶ emu/gm</p> <p style="text-align: right;">(ac bridge readings)</p> <p>Tested for phosphate: yes/no</p>
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Survey grid measured to: Baseline following line of proposed gas pipe

Located by: D. Neal

Plans/charts enclosed:

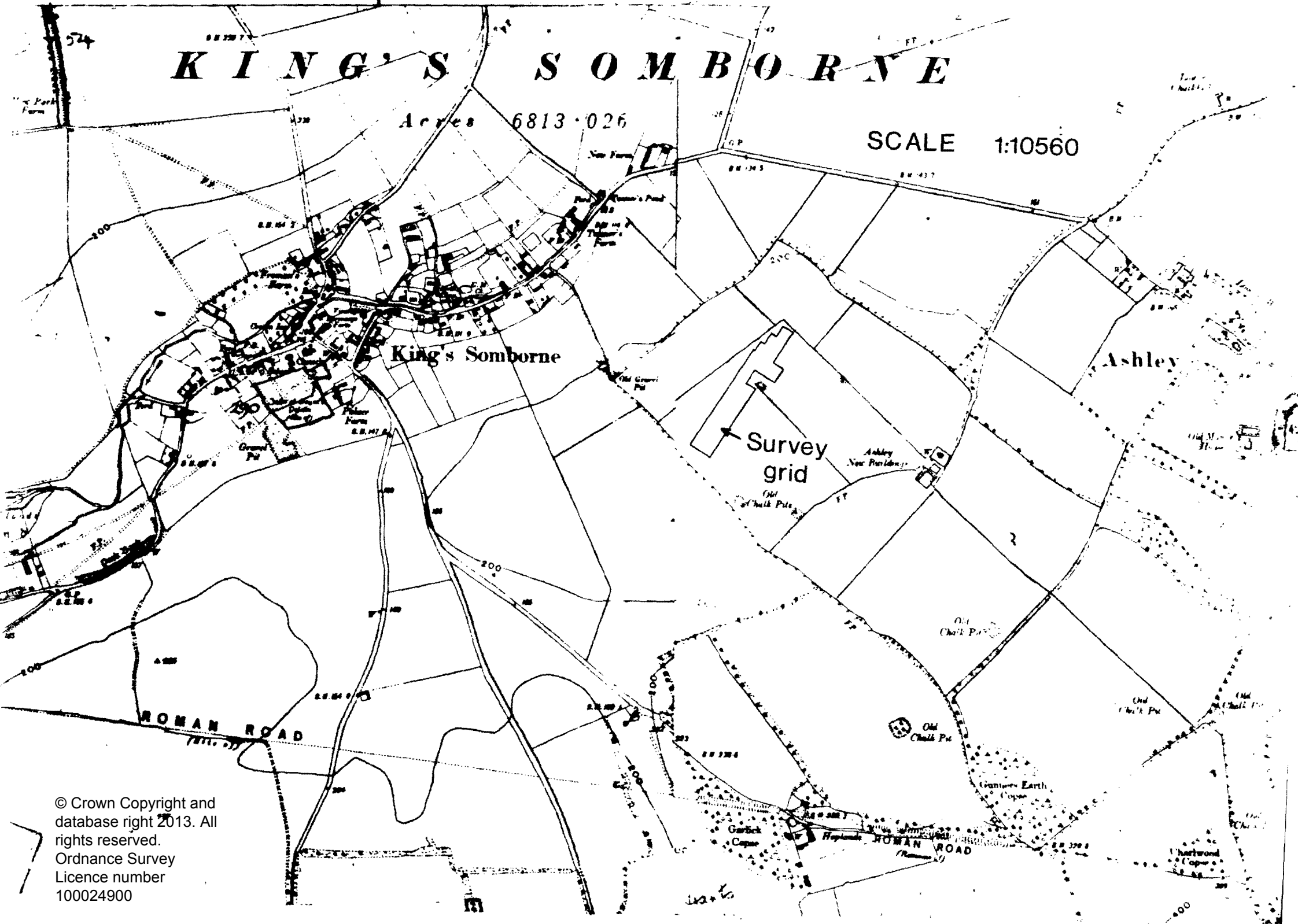
1. 6" map extract showing outline of survey
2. Plot of magnetometer traces with interpretation added in red

cont/

KING'S SOMBORNE

Acres 6813.026

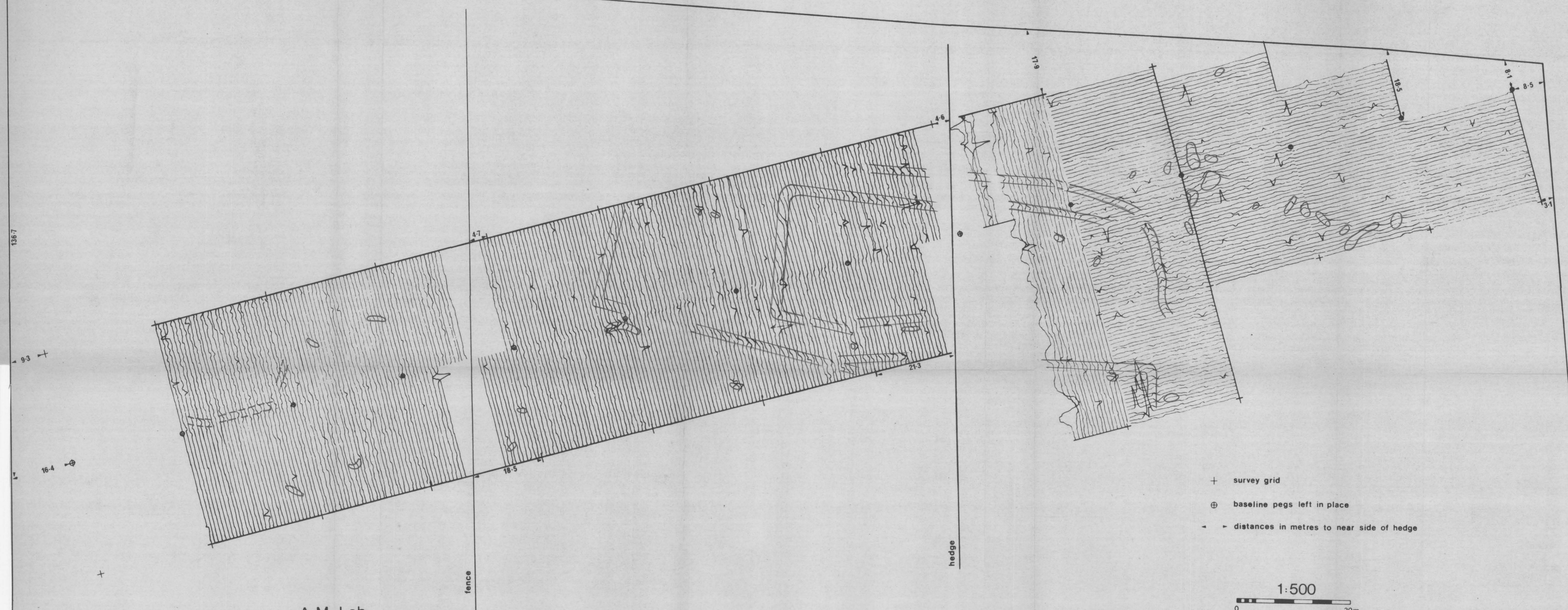
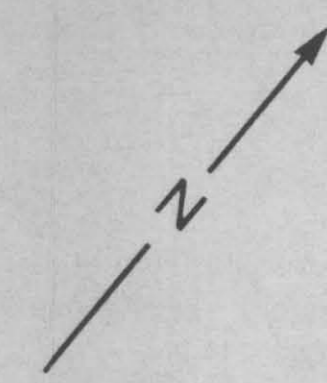
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KING'S SOMBORNE, Hants

Magnetometer Survey



A.M. Lab

- + survey grid
- ⊕ baseline pegs left in place
- distances in metres to near side of hedge

