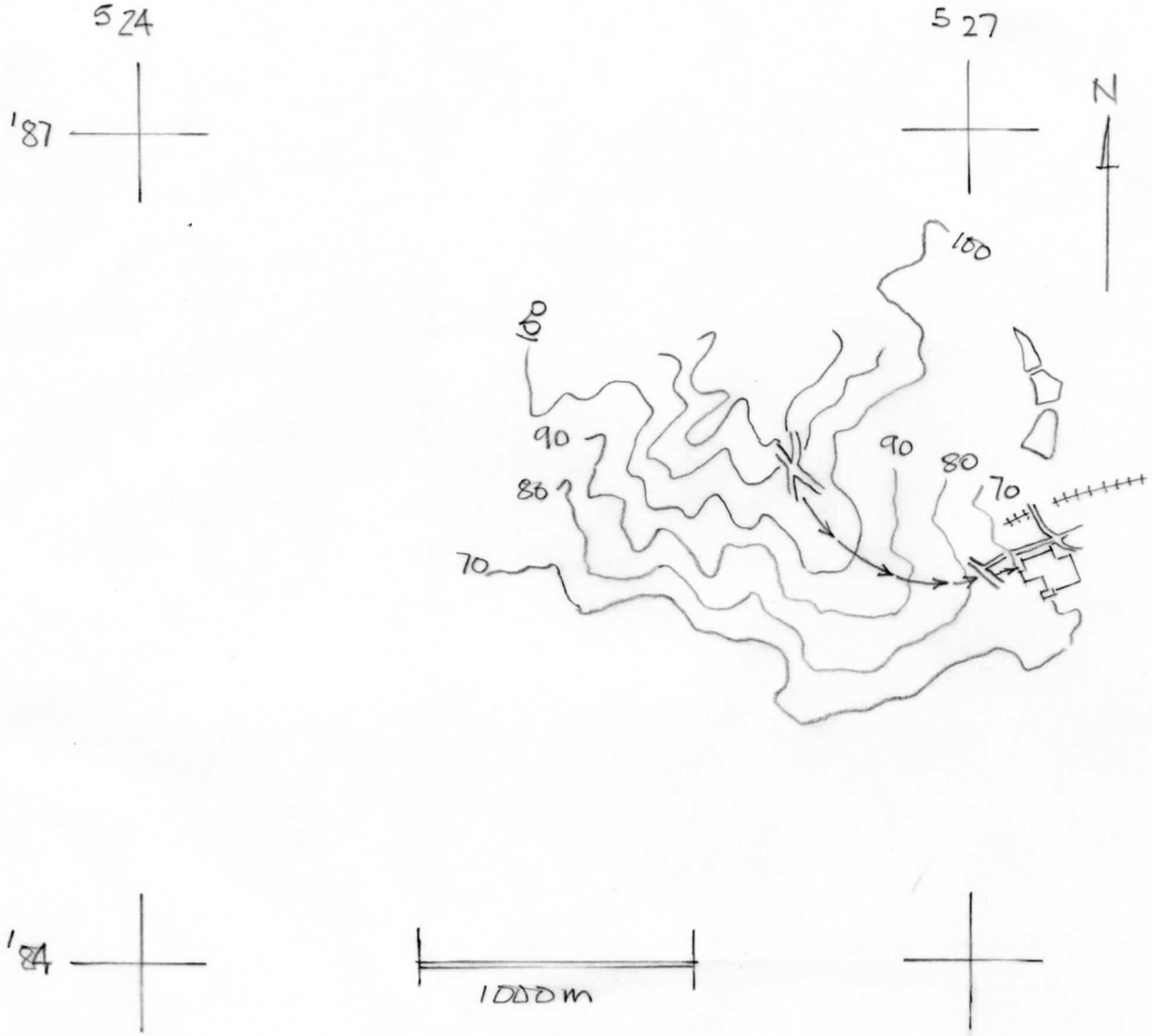


FIG 1

Line of Section from
Hampstead Underground Station
to Royal Free Hospital
following topographic slope

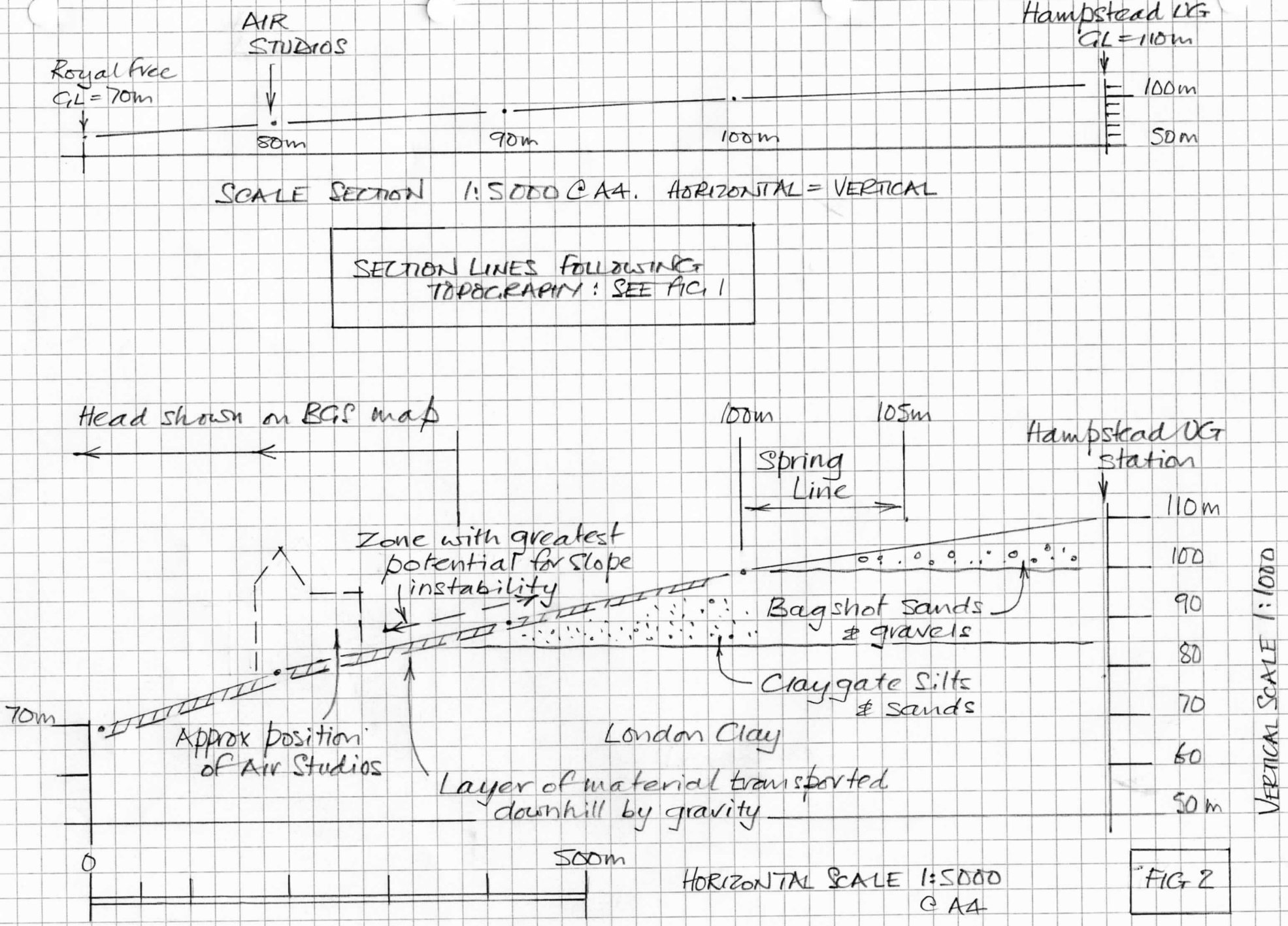
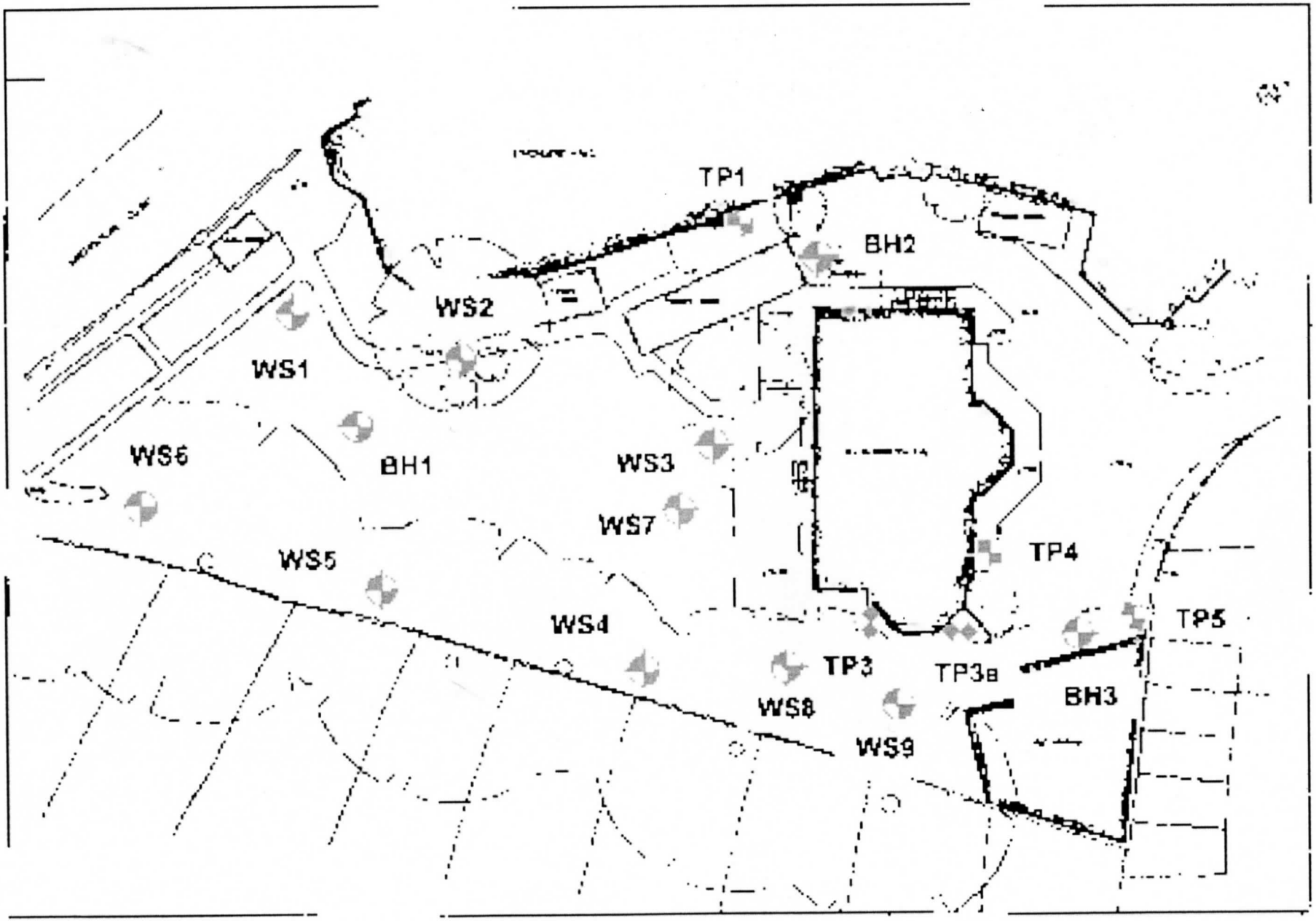

AIR STUDIOS
Royal Free GL = 70m
Hampstead UG GL = 110m
100m
50m
80m
90m
100m
SCALE SECTION 1:5000 @ A4. HORIZONTAL = VERTICAL
SECTION LINES FOLLOWING TOPOGRAPHY: SEE FIG 1
Head shown on BGS map
100m
105m
Spring Line
Hampstead UG station
Zone with greatest potential for slope instability
Bagshot Sands & gravels
Claygate Silts & Sands
London Clay
70m
Approx position of Air Studios
Layer of material transported downhill by gravity
110m
100
90
80
70
60
50m
VERTICAL SCALE 1:1000
0
500m
HORIZONTAL SCALE 1:5000 @ A4
FIG 2

FIG 3a


TP1
BH2
WS2
WS1
WS6
BH1
WS3
WS7
TP4
WS5
TP5
WS4
TP3
TP3a
BH3
WS8
WS9

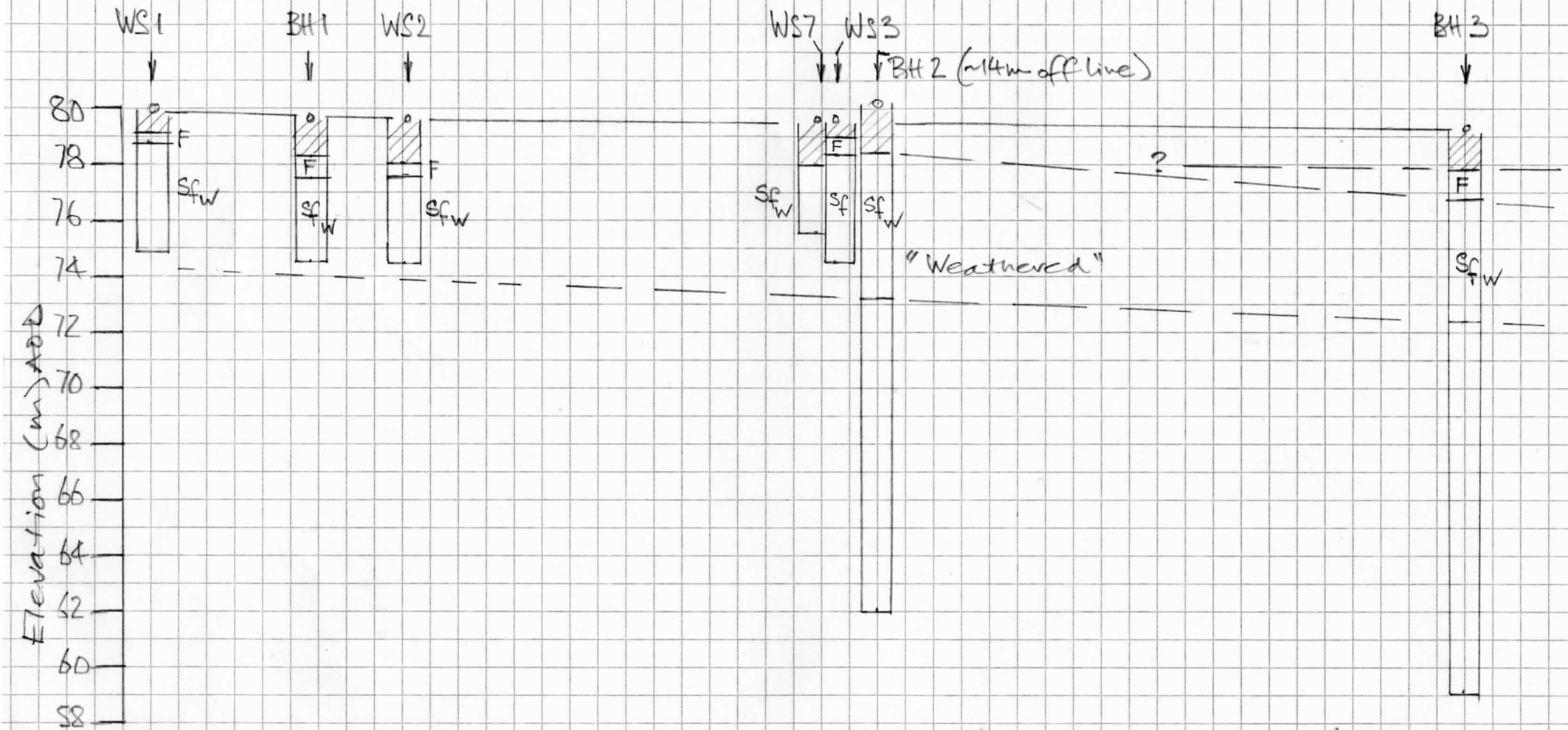


Fig 3b

HORIZONTAL SCALE 1:200 = VERTICAL SCALE

0 10m

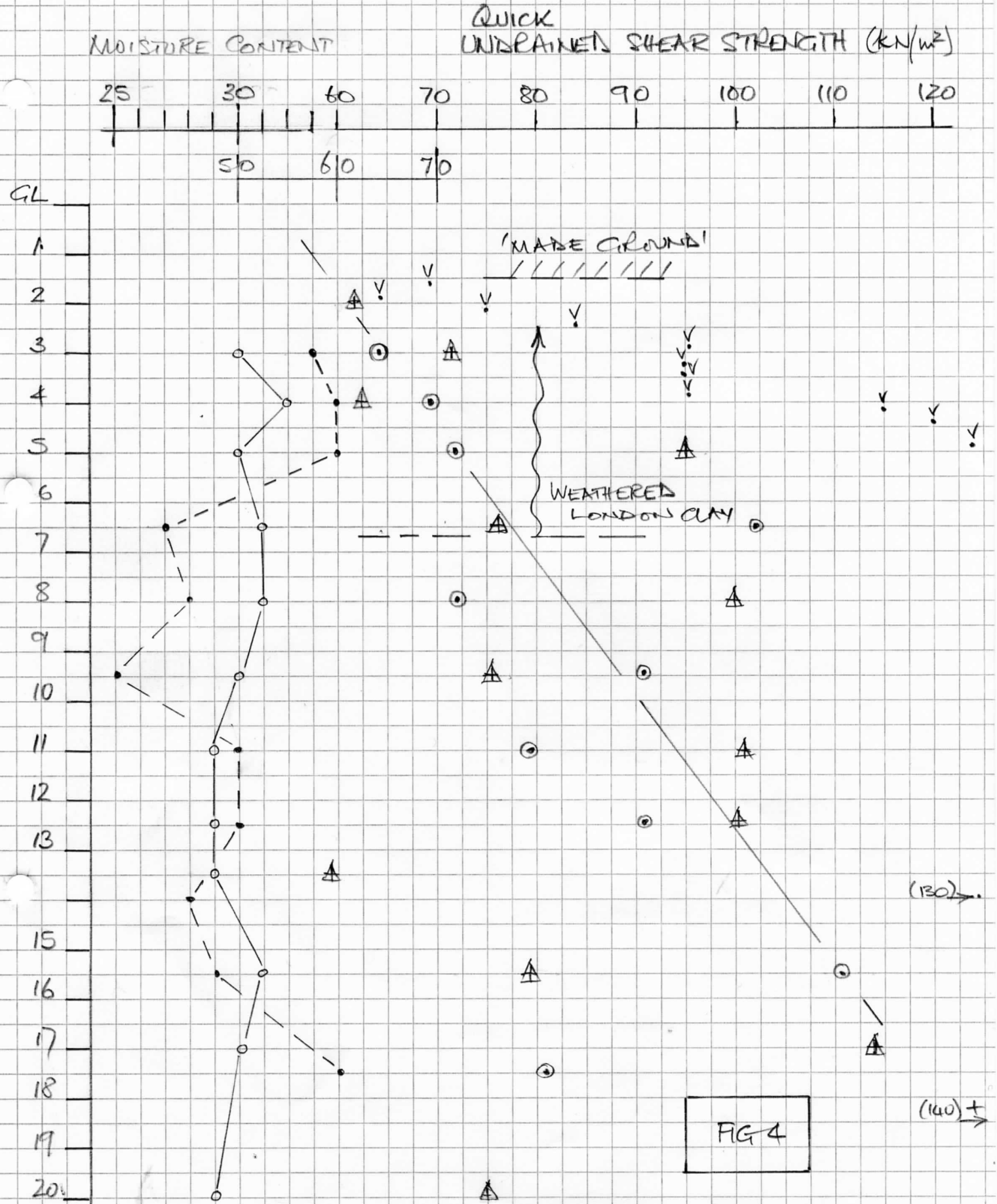


FIG 4

• BH2 MOISTURE CONTENT ⊙ BH2 SHEAR STRENGTH

△ BH3 — " — ⏃ BH3 SHEAR STRENGTH

V BH1 HAND VANE

TP1 → TP4 = 76 mm
Δh = 78.95 m − 78.28 m = 0.75 m } ~ 1 mm per 0.01 m

TP1 − WS2 = 78.95 − 78.60 = 0.35 m

0.35 m @ 1 mm per 0.01 m = 35 mm

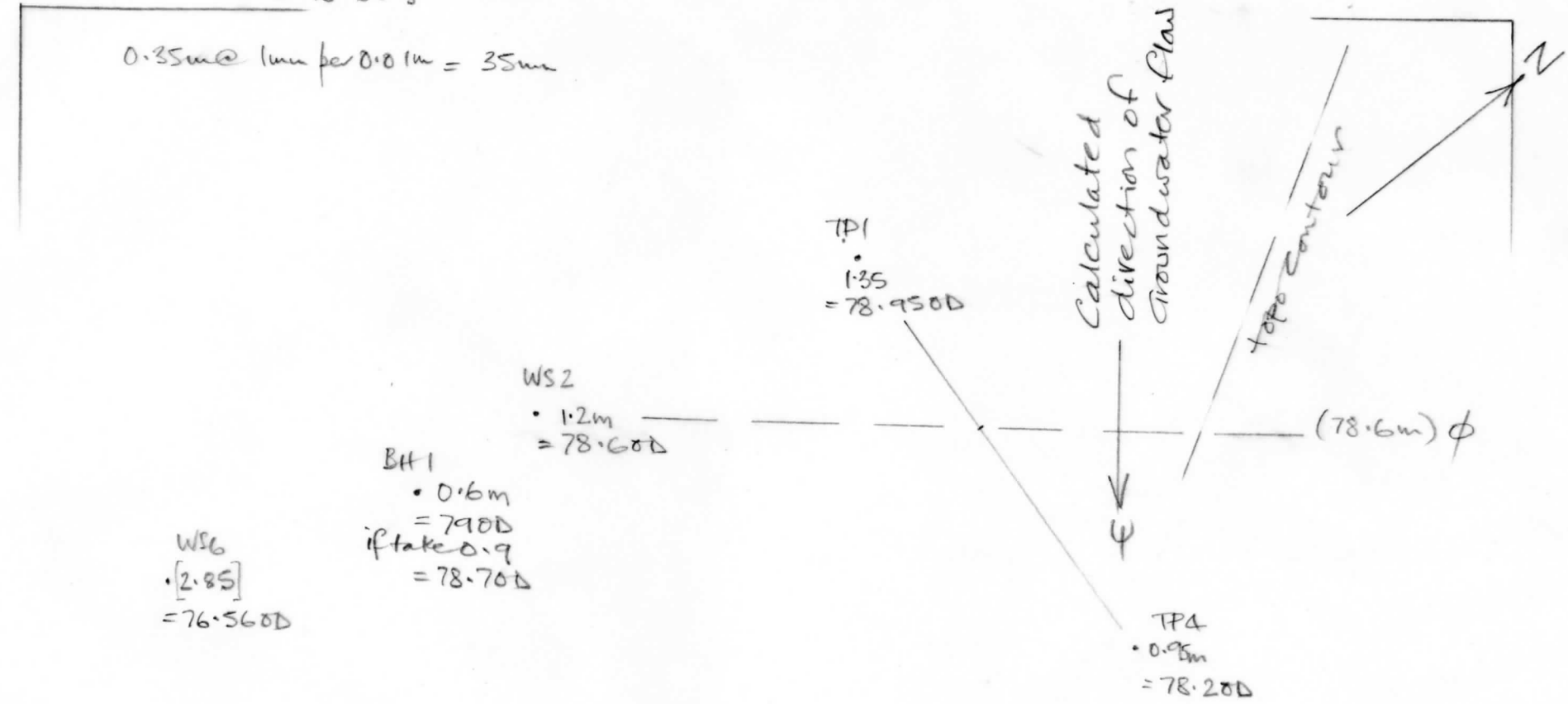


FIG 5