THE DISTANCE SLABS OF THE ANTONINE WALL: THE SURVEYORS’ RECORD CARVED IN STONE
BUST OF EMPEROR ANTONINUS PIUS (138 – 161 AD) THE MAN RESPONSIBLE FOR THE WALL WHICH BORE HIS NAME
BEARSDEN FORT ALONG THE ANTONINE WALL
The Antonine Wall was built in the reign of the Roman Army on the orders of the emperor Antoninus Pius. It ran for 80 mi. from Birkens in the north to Dunfermline in the south and consisted of a turf rampart behind a wide and deep ditch along the wall. Forts, forts, and beacon platforms, linked by a road. This is a section of the stone base of the Antonine Wall. It is 4.5 m. (15 ft. 2 in.) wide and is crossed by a drain. The turf rampart, probably 1 m. high and set up by a timber breastwork, rested on this base. A second section of base lies beyond on top of the hill. A Roman bath house lies to the west of the Roman road. May be visited.
CROSS SECTIONAL VIEW OF THE ANTONINE WALL CONSTRUCTION

THE ANTONINE WALL
AD 142

Military Way
Rampart (Stone Base)
Berm
Ditch
Upcast Mount

CROSS SECTIONAL VIEW OF THE ANTONINE WALL CONSTRUCTION
The Antonine Wall

- Coins indicate that Pius, through his legate Lollius Urbicus, had regained control of the land Hadrian retreated from by 143 A.D.

- The wall was built out of turf and stood 9ft. high. It runs for 37 miles, and has less fortification than Hadrian’s wall.
DETAIL OF THE ANTONINE WALL:
1 DITCH
2 WOODEN SPIKES
3 BERM
4 RAMPART OR VALLUM
5 TIMBER FACE WALL
THE THREE ROMAN LEGIONS RESPONSIBLE FOR THE ERECTION OF HADRIAN’S WALL:

LEG II AVGVSTA

LEG VI VICTRIX

LEG XX VALERIA VICTRIX
ANTONINE WALL CONSTRUCTION
ROMAN SURVEYOR USING A GROMA TO SET OUT
The Groma
Reconstruction after a find from Pompeii
ARTIST’S IMPRESSION OF AN INVASION OF HADRIAN’S WALL
MATHEW PARIS
MAP OF BRITAIN
IN THE 1250’s
SHOWING BOTH
HADRIAN’S AND
THE ANTONINE
WALL SOMEWHAT
POORLY
LOCATED?!?
HADRIAN'S WALL

ANTONINE WALL

SCOTTISH BORDERLINE

HADRIAN'S WALL
THE ORIGINAL NAMES GIVEN TO THE BOUNDARY LINES DELINEATED BY EACH OF THE ROMAN WALLS USING THE WORD **VALLUM**
RIB 2034 – DEDICATORY ALTAR SET UP BY LUCIUS IUNIUS VICTORINUS FLAVIUS CAELIANUS, IMPERIAL LEGATE OF 6TH LEGION VICTRIX MENTIONING THE VALLUM
ROMULUS MARKS ROME’S FIRST BOUNDARY FURROW
Roman Walls

Key to the Walls:
- Green: Romulus’s walls (8th century BC)
- Blue: Republican walls (6th to 4th century BC)
- Dark blue: Republican walls (1st century BC)
- Purple: Aurelian’s walls (3rd century AD)
- Orange: Leo IV’s walls (9th century)
- Grey: Towers by Nicholas V, 15th century
- Beige: Paul III’s walls (16th century)
- Green: Pius IV’s walls (16th century)
- Pink: Urban VIII’s walls (17th century)
EMPEROR CLAUDIUS (41-54 AD) DECLARES THAT HE HAS MOVED THE POMERIUM WHICH IS THE BOUNDARY OF ROME
EMPEROR VESPASIAN (69-79 AD) ALSO STATES THAT HE HAS MOVED THE CITY BOUNDARIES ONCE AGAIN WITH REFERENCE TO THE POMERIUM.
PLOUGHING THE FIRST FURROW

CAESAR AUGUSTUS COIN c.31-29 BC

CAESAR HADRIANUS COIN c.131-136 AD

ANTONINUS PIUS COIN 138-161 AD
LOCALITY PLAN OF THE ANTONINE WALL
DIAGRAM OF THE FIRST INSCRIBED STONE FOUND ON THE WALL c.1565
FIG. 23. The distance slabs, according to legion responsible. A = Second Legion; B = Sixth Legion; C = Twentieth Legion. All are in the Hunterian collection, except the slabs from Bridgeness (RIB 2199), now in the National Museums of Scotland, Edinburgh, and from Millichope near Summerston (RIB 2194), now in Glasgow Art Gallery & Museum, Kelvingrove. All at scale 1:30.
DISTANCE SLAB 1 – RIB 2173
3,000 paces: 15,000 Roman feet
= 14,562 Imp feet (4,438.5 metres)
DISTANCE SLAB 2 - __ __ __ __ paces
(RIB 2185)
DISTANCE SLAB 3 — RIB 2184

3,000 paces & 3,304 Roman feet:
18,304 Roman feet = 17,769.5 Imp feet = 5,416 metres
DISTANCE SLAB 4 — RIB 2186

3,666 ½ paces : 18,332.5 Roman feet

= 17,797 Imp. Feet (5,424.6 metres)
DISTANCE SLAB 5 —
3,666.5 paces:
18,332.5 Rom feet:
17,797 Imp. Feet —
5,424.5 metres
RIB 2196

DISTANCE SLAB 6 — 3,666.5 paces:
18,332.5 Roman feet = 17,797 Imp. Ft
= 5,424.5 metres
RIB 2197
DISTANCE SLAB 7 – 3,000 Roman feet:
2,912.4 Imp. feet (887.7 metres)
RIB 2198

DISTANCE SLAB 8 – 3,000 Roman feet: 2,912.4 Imp. feet (887.7 metres)
RIB 3507

DISTANCE SLAB 9 – 3,000 Roman feet: 2,912.4 Imp. feet (887.7 metres)
RIB 2199

DISTANCE SLAB 10 - _ _ _ _ _
RIB 2200

DISTANCE SLAB 11 —

3,240 Roman feet: 3,145.4 Imp. feet − 958.7 metres
RIB 2203
DISTANCE SLAB 12 —
4,140 Roman feet: 4,019 Imp. feet —
1,225 metres
DISTANCE SLAB 13 — RIB 2204
3,271 Roman feet: 3,175.5 Imp. feet — 967.9 metres
DISTANCE SLAB 14 – RIB 2205

4,141 Roman feet: 4,020 Imp. feet – 1,225.3 metres
DISTANCE SLAB 15 — 4,411 Roman feet: 4,282 Imp. feet = 1,305 metres
DISTANCE SLAB 16 — RIB 2208
4,411 Roman feet: 4,282 Imp. feet — 1,305 metres
DISTANCE SLAB 17 - __________
RIB 2194 —
3,666.5 paces:
18,332.5 R ft:
17,797 Imp. ft
= 5,424.6 m
6,882.6 metres
TOMBSTONE OF NICOSTRATUS POPIDIIUS FROM POMPEII WITH GROMA

LUCIUS AEBUTIUS FAUSTUS TOMBSTONE WITH GROMA
MILITARY ANTIQUITIES
OF THE
ROMANS IN BRITAIN.

BY
THE LATE WILLIAM ROY, F.R.S. F.S.A.
Major-General of His Majesty's Forces, Deputy Quartermaster General,
and Member of the Select Committee of 1800.

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[DATE]
WILLIAM ROY’S GREAT MAP OF THE ANTONINE WALL
WILLIAM ROY’S BRILLIANT PLAN OF THE ANTONINE WALL
DETAIL OF A ROMAN CAMP ON ROY’S MAP

Extract from William Roy’s Military Antiquities of the Romans in Northern Britain.
ARDOCH FORT

ARTHUR’S O’ON
East Lomond Hill Fort zoom
RIB 1813
CENTURIAL STONE FROM CARVORAN: “THE CENTURY OF CLAUDIUS (BUILT) 30½ FT”

RIB 1816
CENTURIAL STONE FROM CARVORAN: “THE CENTURY OF JULIUS CA[…] (BUILT) 100 (& MORE) FEET OF RAMPART”

“VALLA” MEANS VALLUM
RIB 1818: “112 FT RAMPART”

RIB 1820: “112 FT RAMPART”

RIB 1822 – CARVORAN: “THE C. OF VALERIUS CASSIANUS ... 19 FT”

CENTURIAL STONES – CARVORAN: CENTURIES OF PRIMI... & SYLVANUS UNDER THE COMMAND OF FLAVIUS SECUNDUS.

“V” & “VALLA” ARE FOR VALLUM
ARTIST’S IMPRESSION OF A TURRET ON H WALL

IMAGE OF A TYPICAL ROMAN SOLDIER
IMAGE OF ROUGH CASTLE FORT
ALONG THE ANTONINE WALL
THE KEEPER OF THE STONES: THE HUNTERIAN MUSEUM AT GLASGOW UNIVERSITY
THE IMPRESSIVE FIGURE OF THE “GOOD” ROMAN EMPEROR ANTONINUS PIUS – BUILDER OF THE ANTONINE WALL
THE ANTONINE WALL DISAPPEARS
INTO THE SCOTTISH MISTS OF TIME
THANK YOU