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Pluralistic Landscapes of Northern Roman Britain

A GIS multiscalar approach to archaeology

Volume 2 of 2
Figures, tables, appendices and bibliography

by James David Bruhn

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A thesis submitted for the degree of Doctor of Philosophy

The University of Durham
Department of Archaeology

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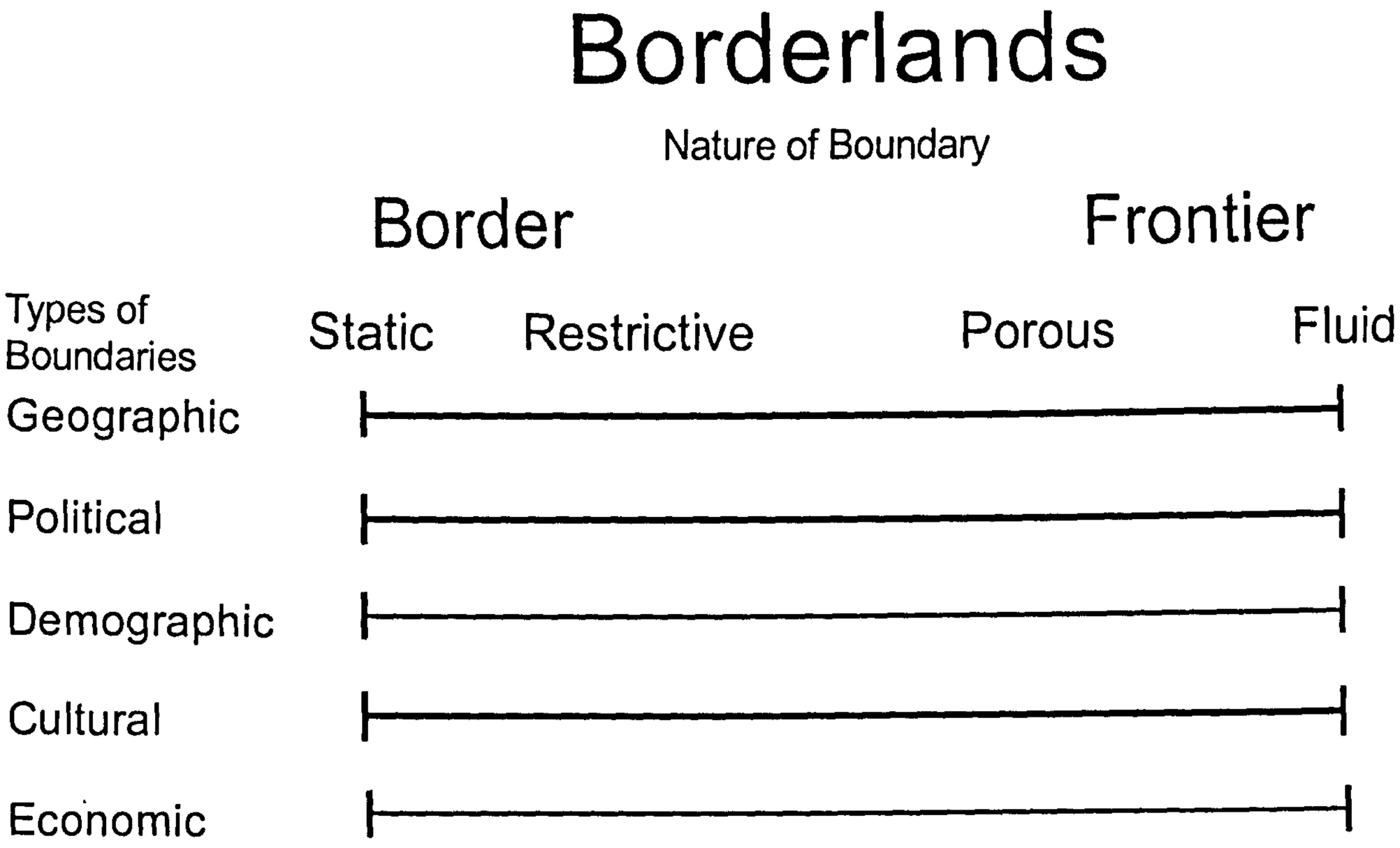


Figure 1-1 Parker's model of borderlands

After Parker 2006, p. 82

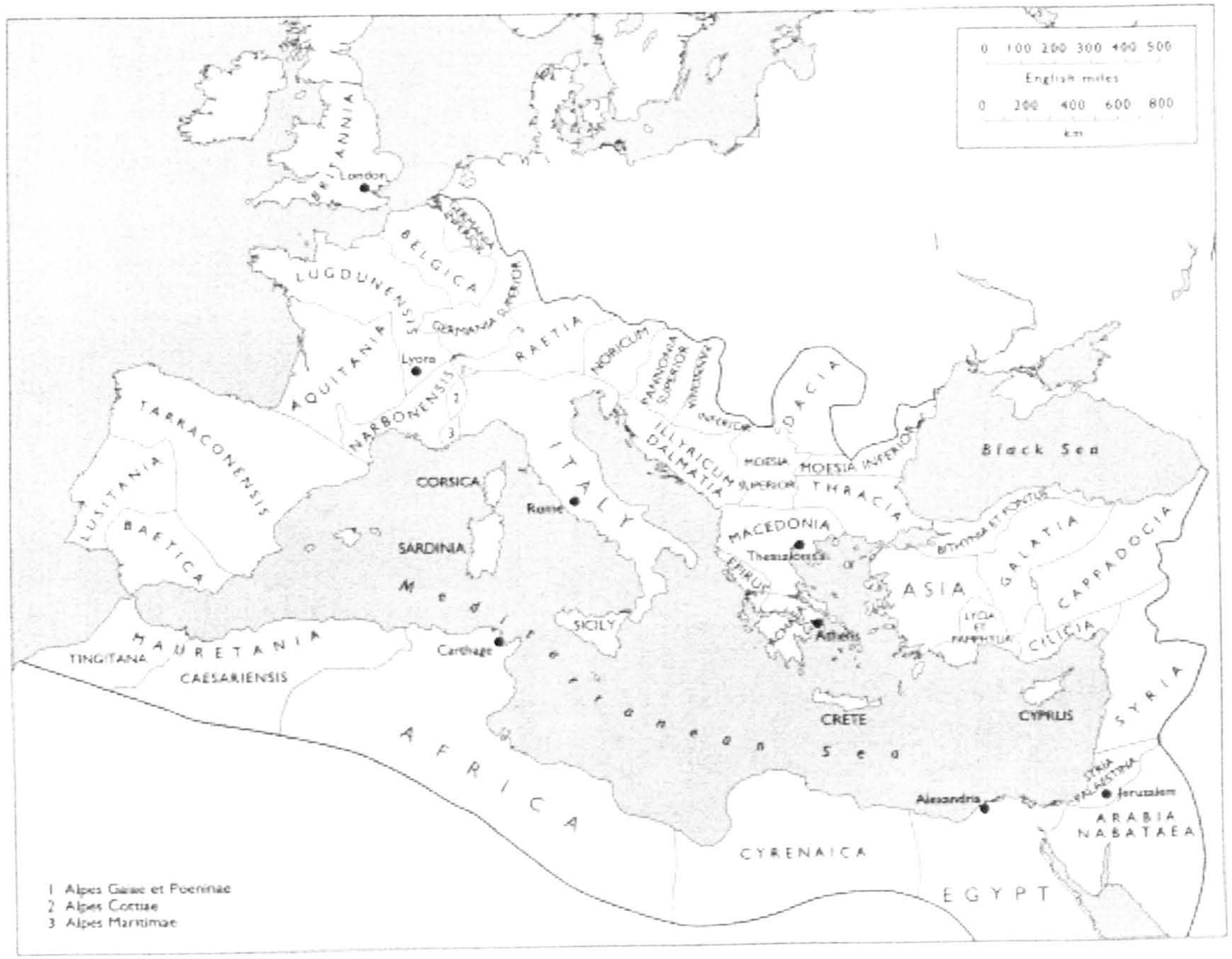


Figure 1-2 The Roman Empire in AD 117

After Huskinson 2000

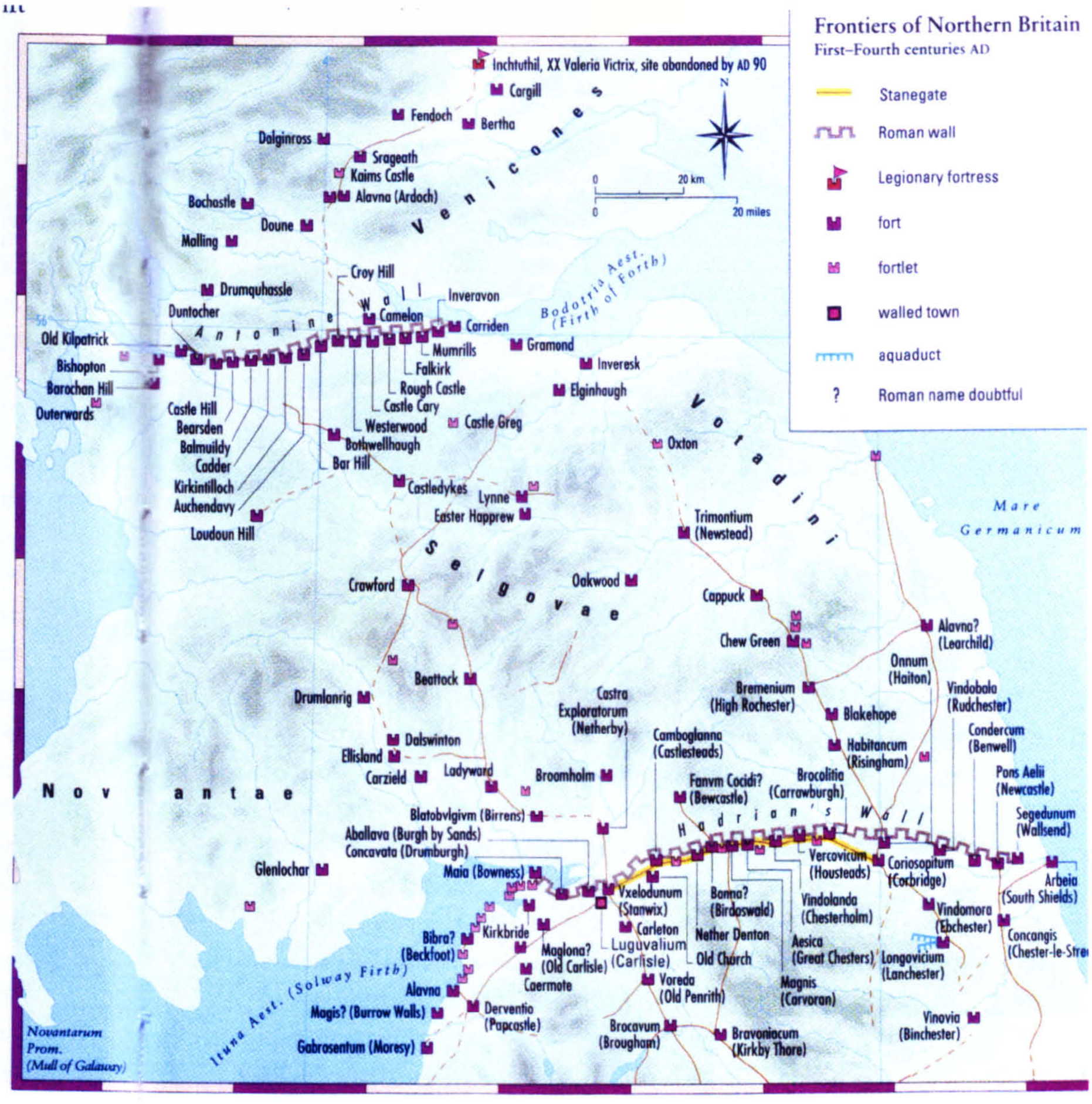


Figure 1-3 Map of the Roman frontiers of northern Britain

After Goldsworthy 2000, p. 157

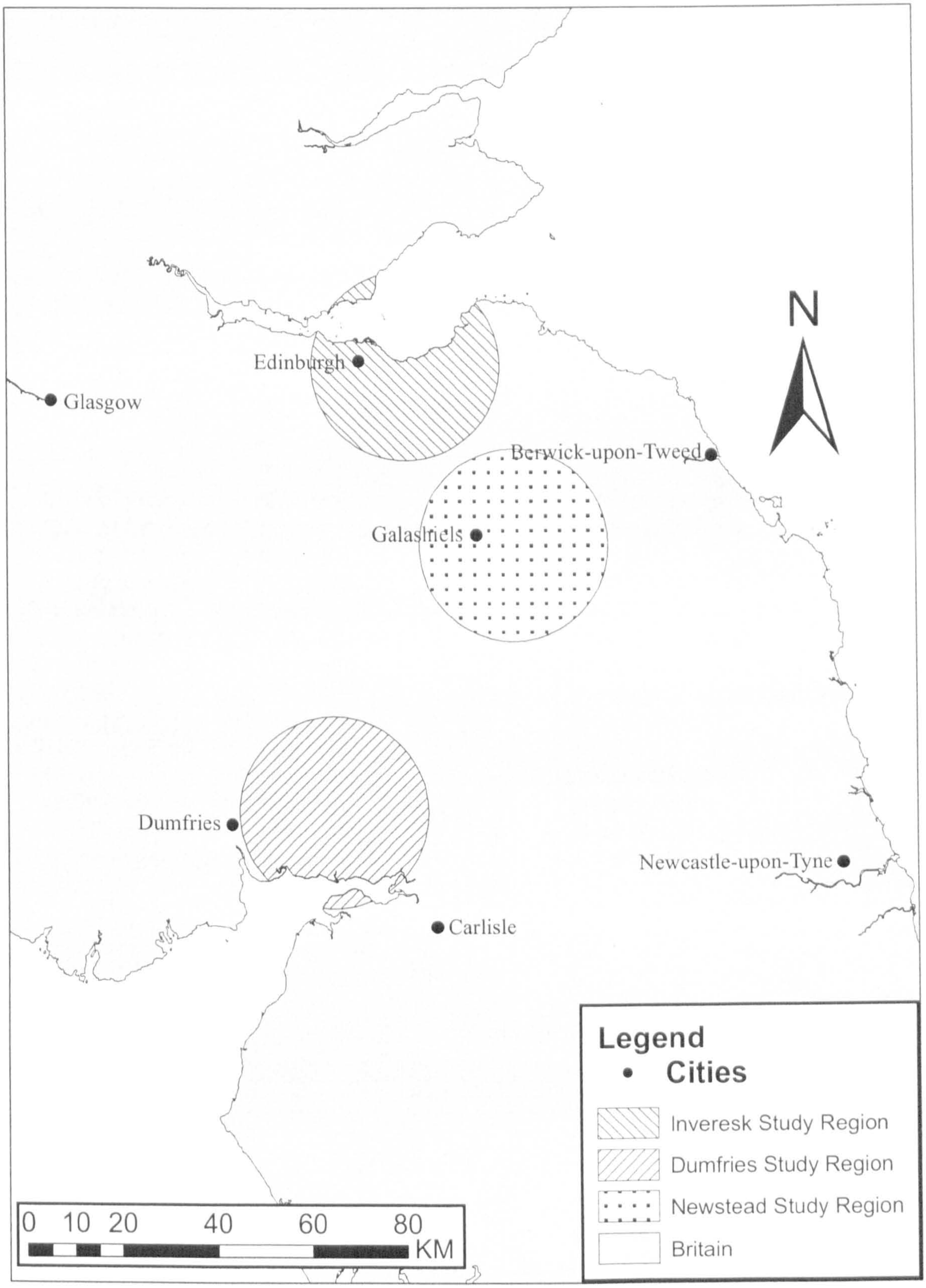
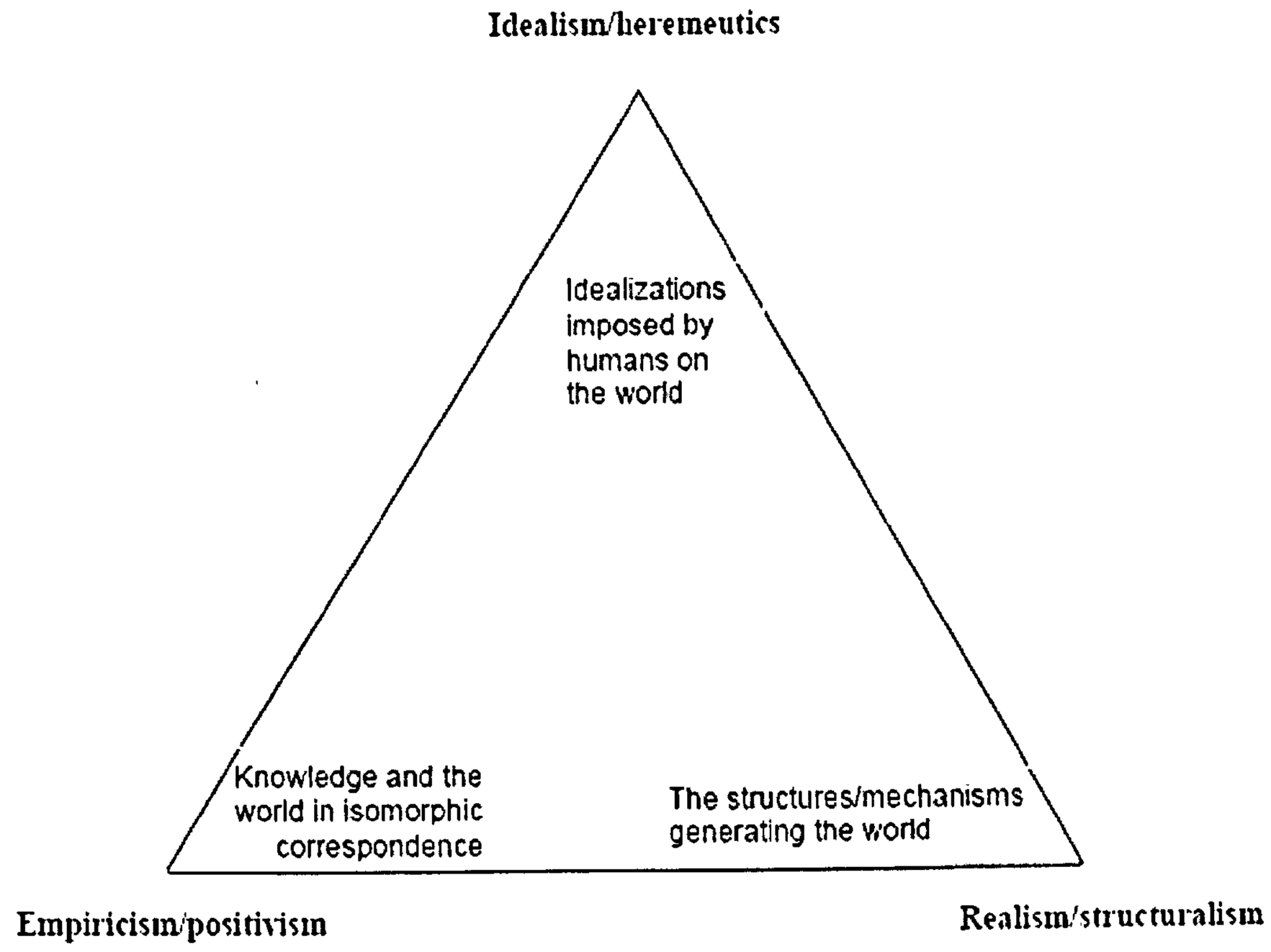


Figure 1-4 Map of case regions

	Roman	Native
Modes of production	Industrial	Agrarian/Pastoral
Modes of exchange	Market	Relationship based
Social complexity	Complex	Primitive
Building structures	Advanced	Simple
Site locations	Planned	Organic
Social organisation	State, centralised	Tribe, decentralised
Settlement	Pragmatic	Rural
Artefacts	Functional	Frivolous/Decorative/Symbolic
Social cohesion	Hierarchical	Prestige goods
Relationship	Core	Periphery
Military	Organised	Fractured/Social
Warfare	Imperialist	Tribal/Symbolic
Global context	First World	Third World
Underlining politics	Imperialist	Nationalist

Table 2-1 Perceptions of Roman and native in the northern frontiers



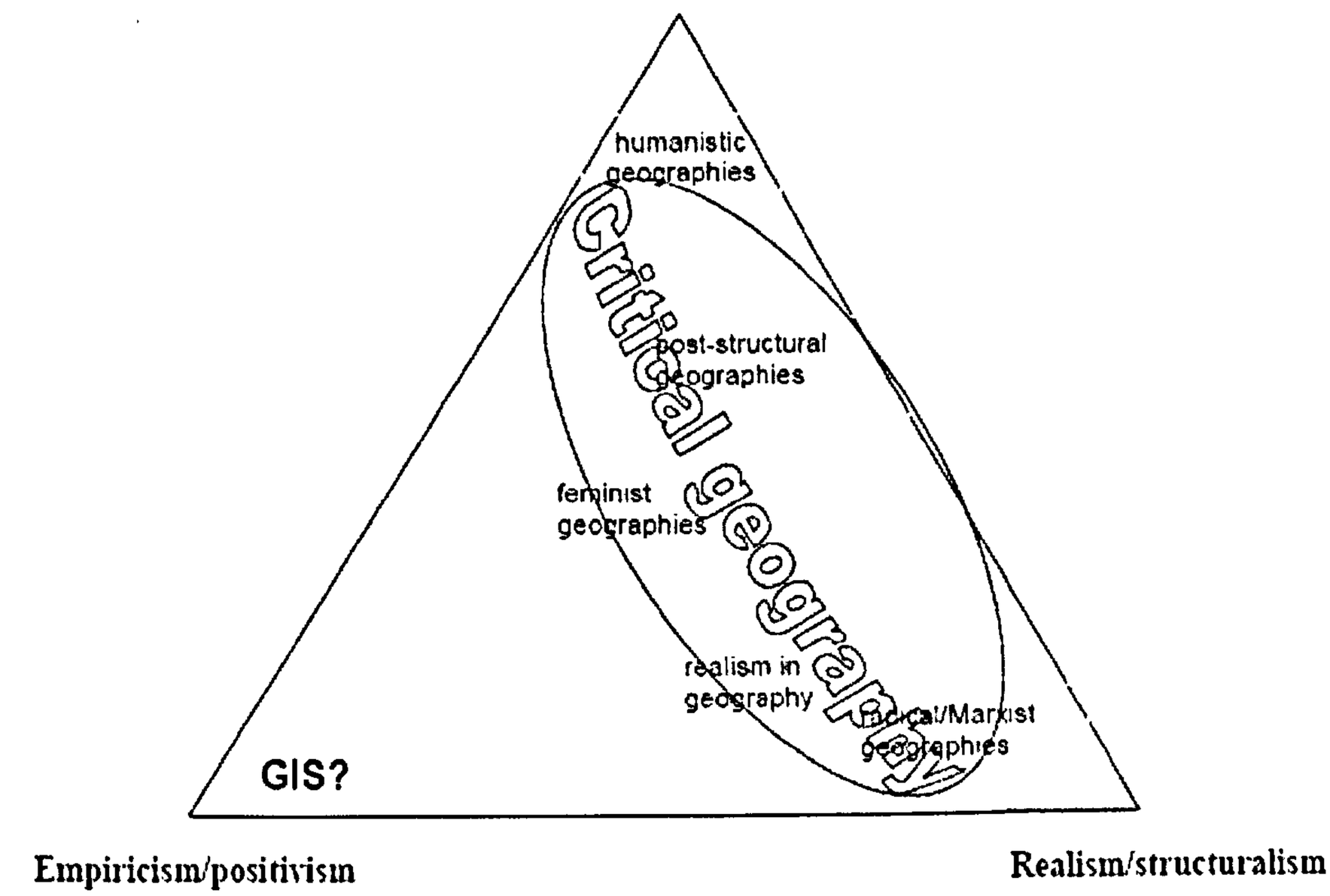


Figure 3-1 Different ontologies and how critical geography and GIS relate

After Sheppard 2005

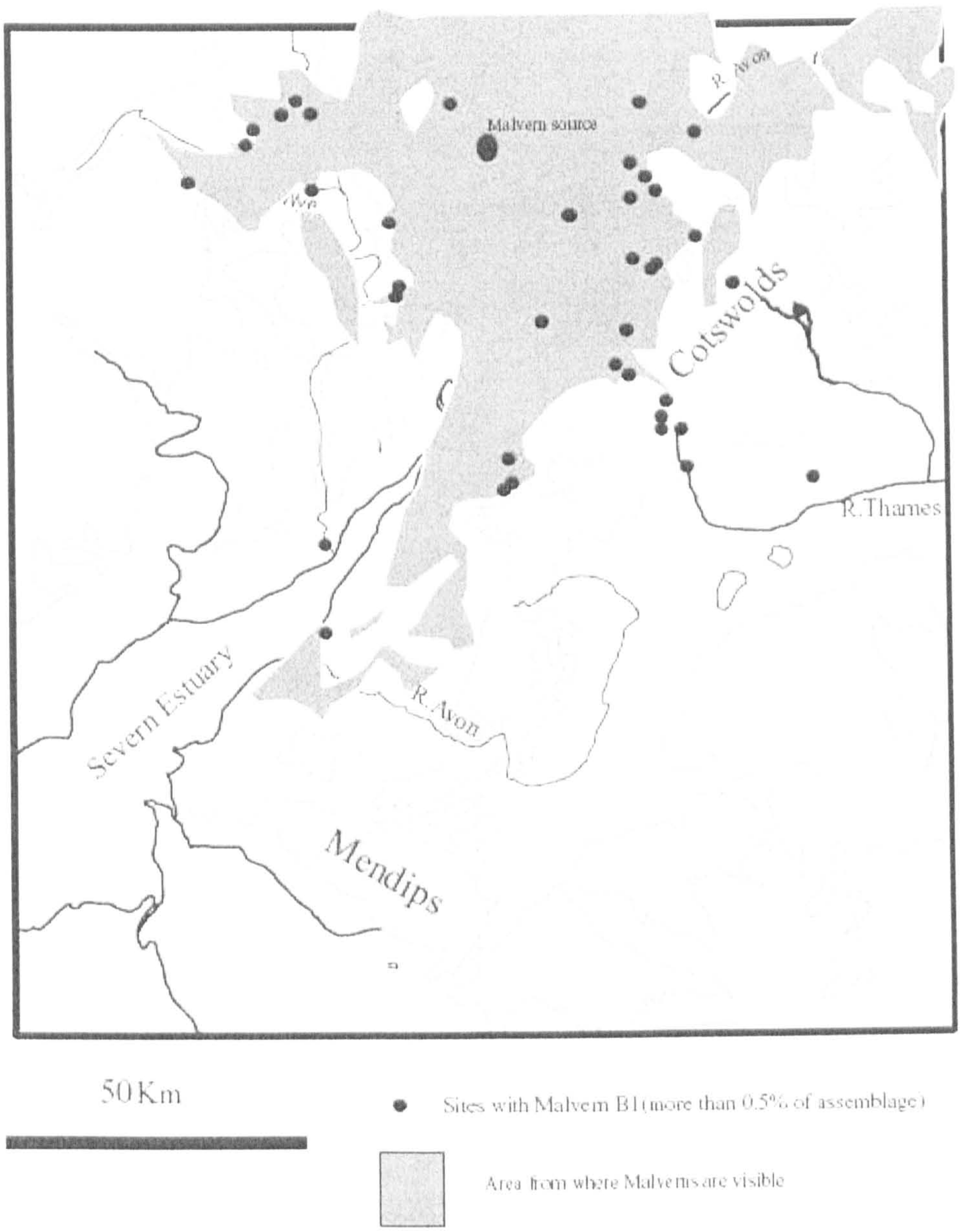


Figure 3-2 The relationship between visibility of the Malvern Hills and sites consuming Malvern B1 pottery

After Moore 2007b

Relative Chronologies	*Absolute Chronologies*
Primary	*Historical*
Stratigraphy Seriation Typology	Associative Intrinsic
Secondary	*Scientific*
Peridization	Radiocarbon Dendrochronology Etc.

Table 4-1 Types of chronologies

After Lucas 2005

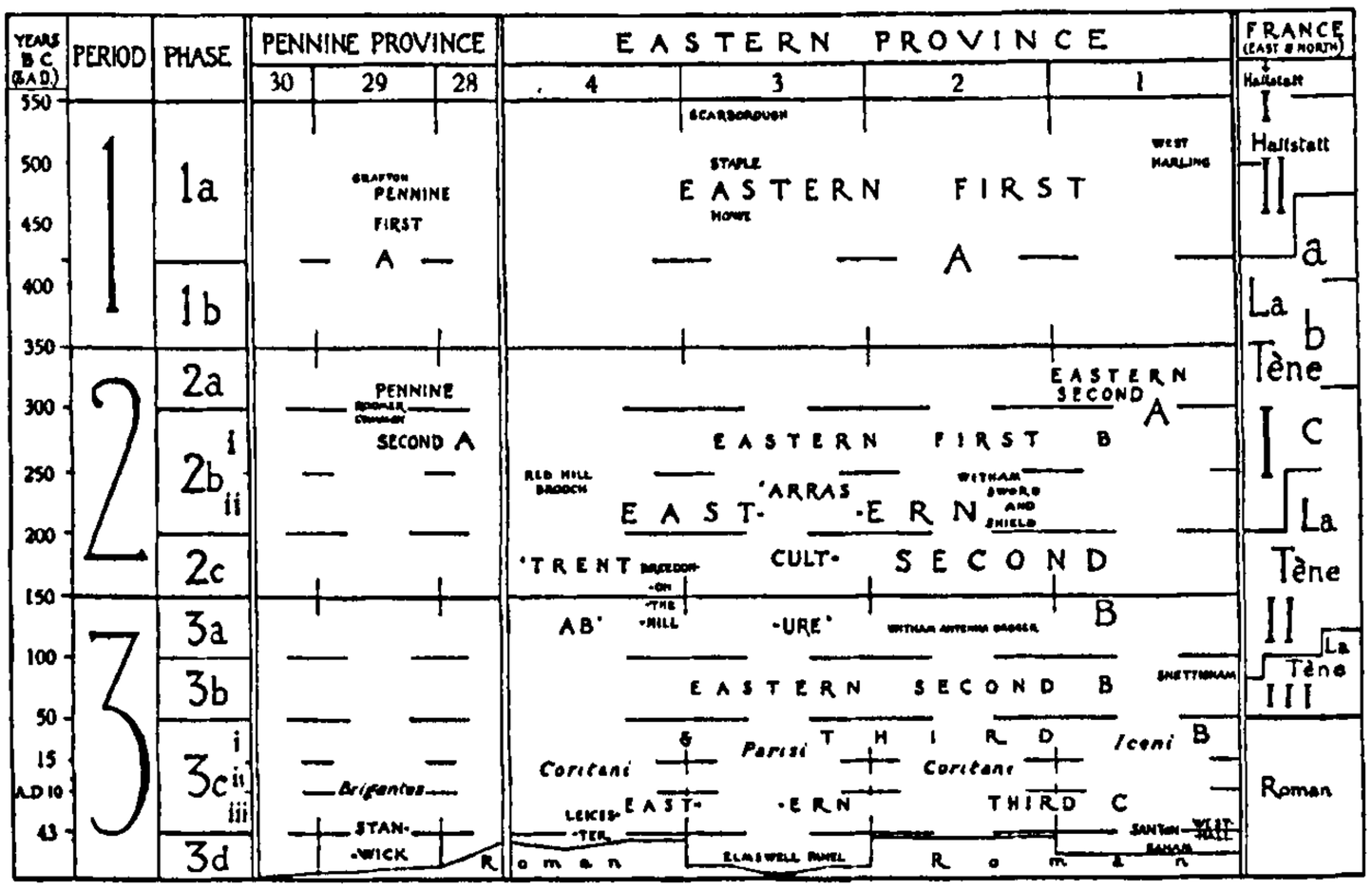


FIG. 2. Scheme for the Pennine and Eastern Provinces.

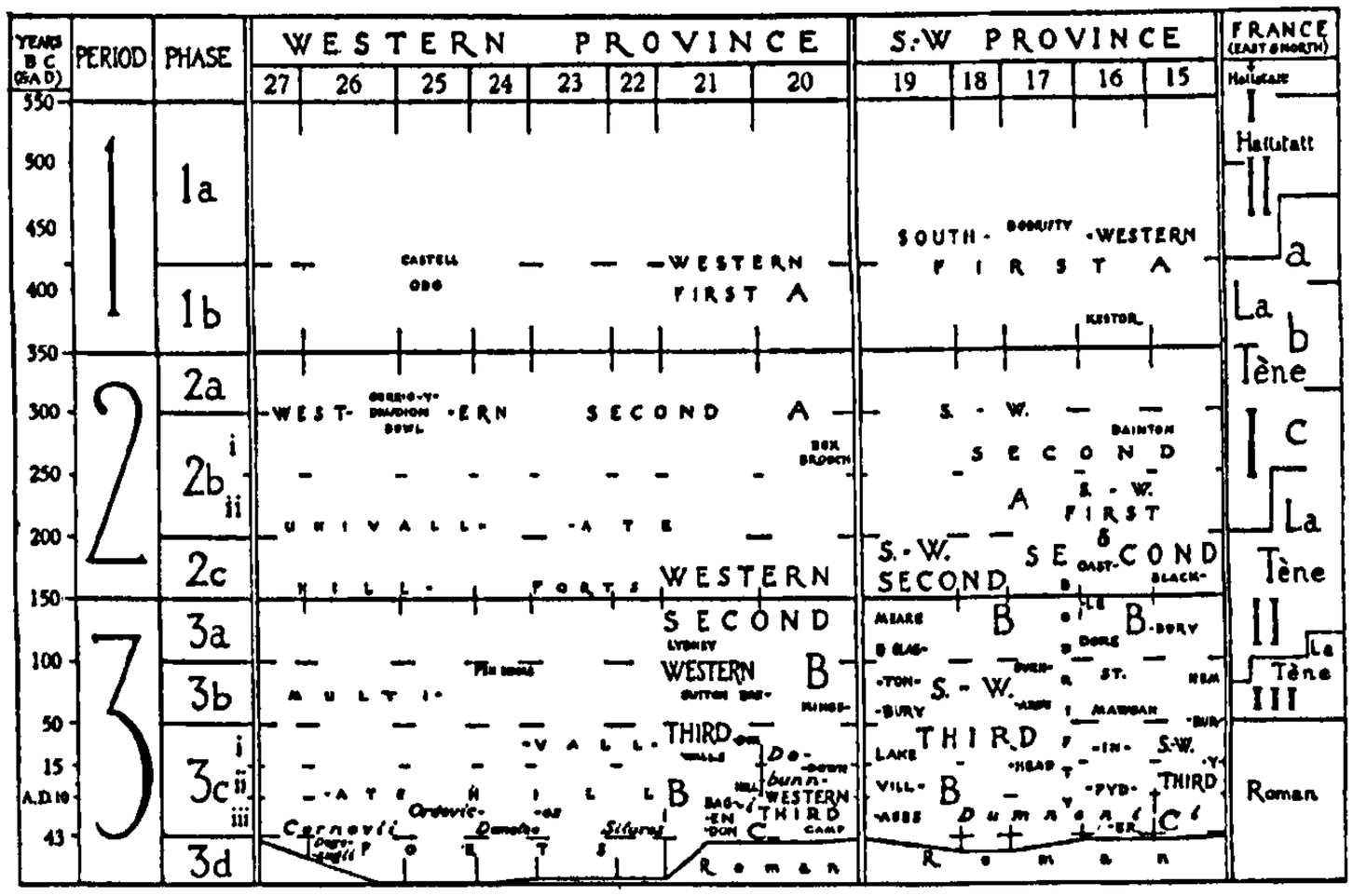


FIG. 3. Scheme for the Western and South-Western Provinces.

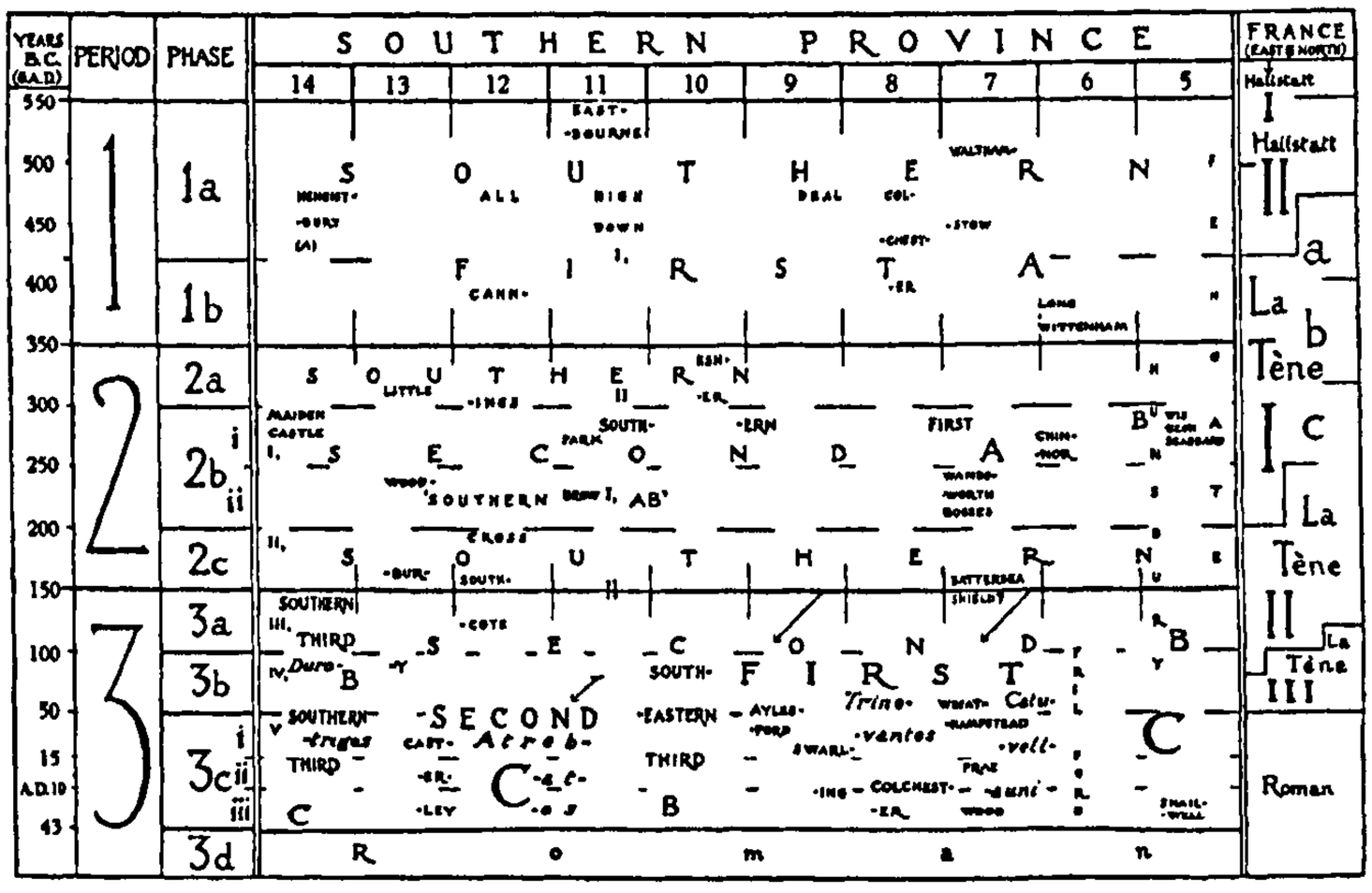


FIG. 4. Scheme for the Southern Province.

Figure 4-1 Hawkes' Iron Age 1,2,3 chronology scheme

After Hawkes 1959

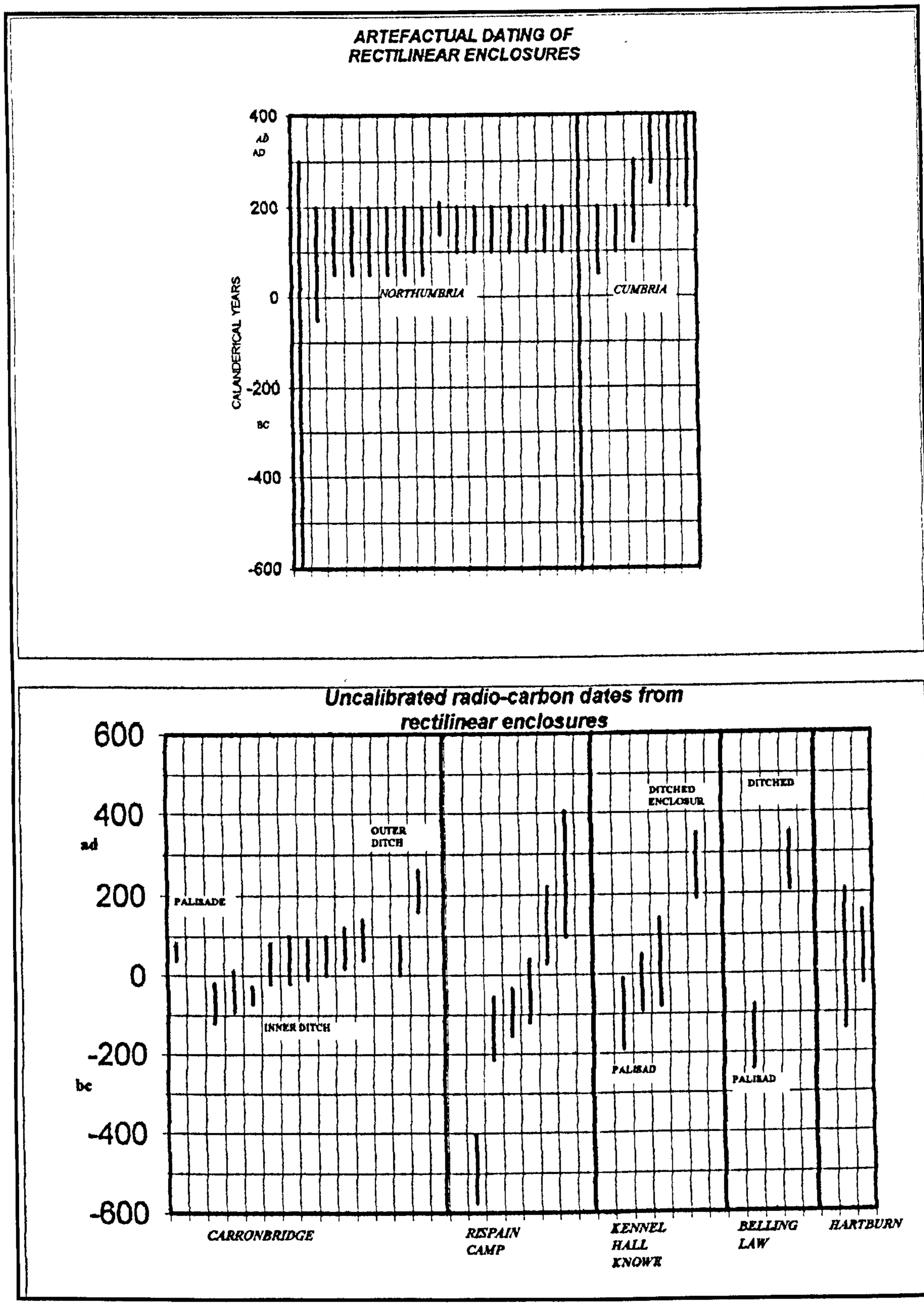


Figure 4-2 Dating evidence for rectilinear enclosures

After Gregory 1998, p. 283

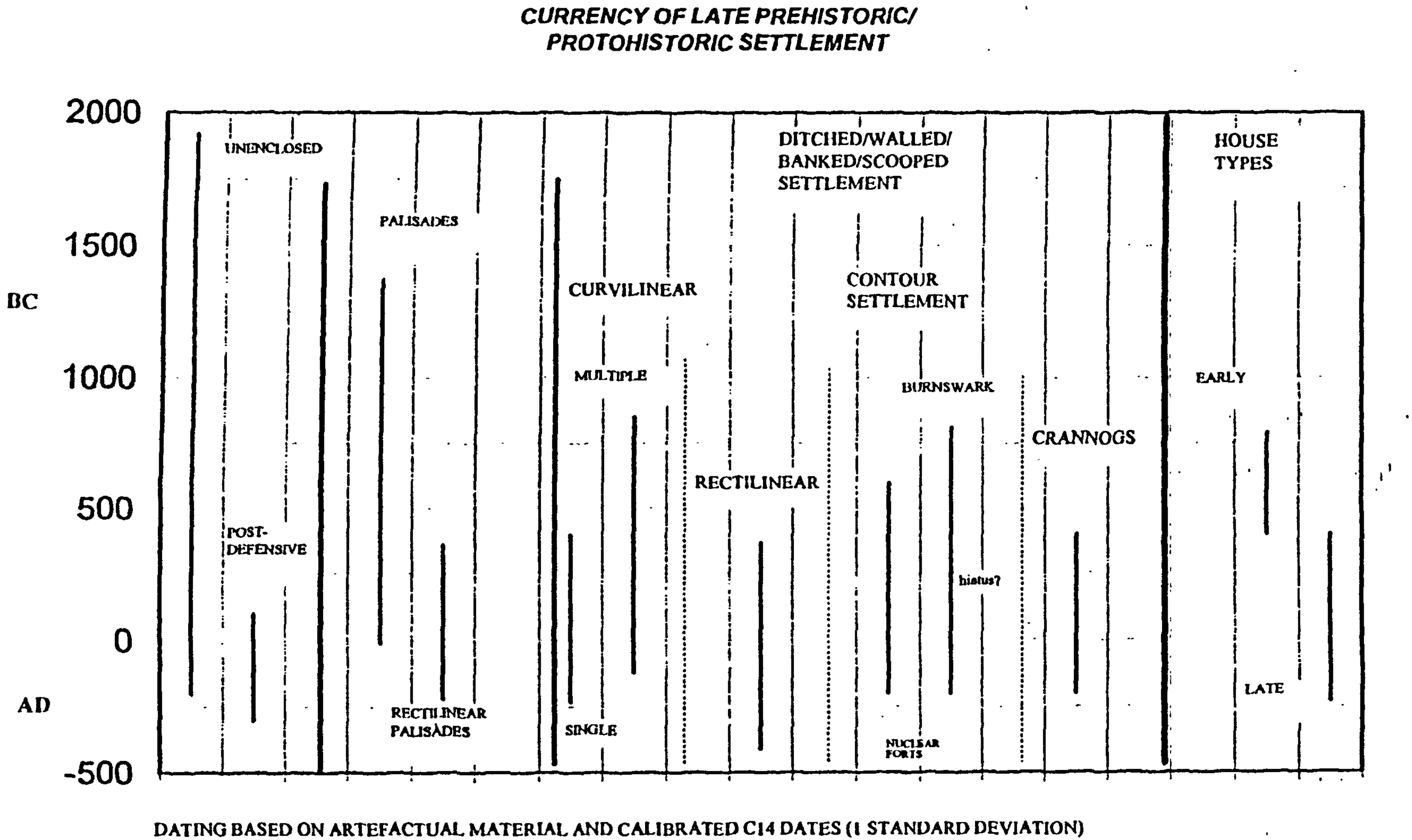


Figure 4-3 Site type dating for southern Scotland

After Gregory 1998, p. 245

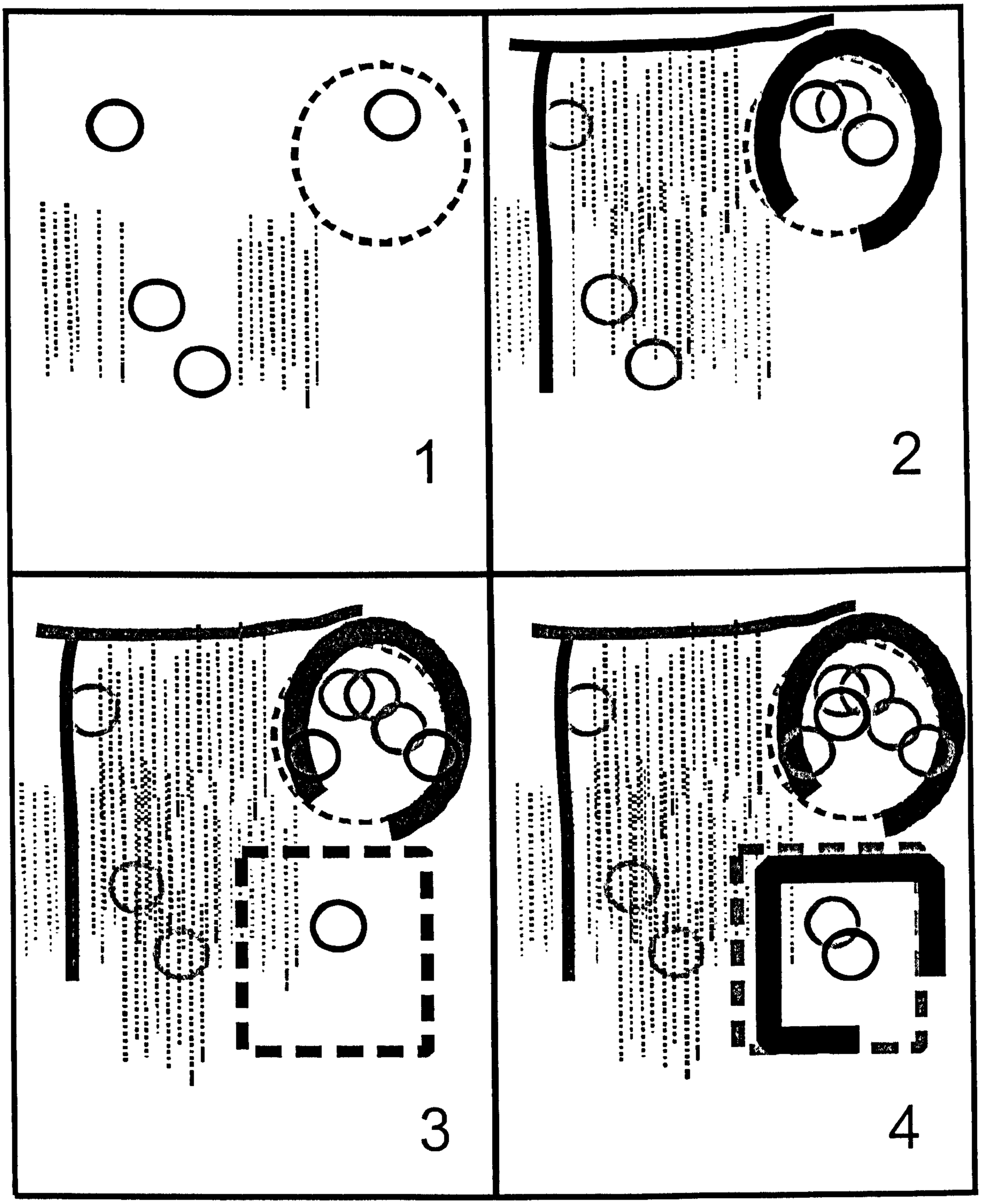


Figure 4-4 Hypothetical model of landscape development

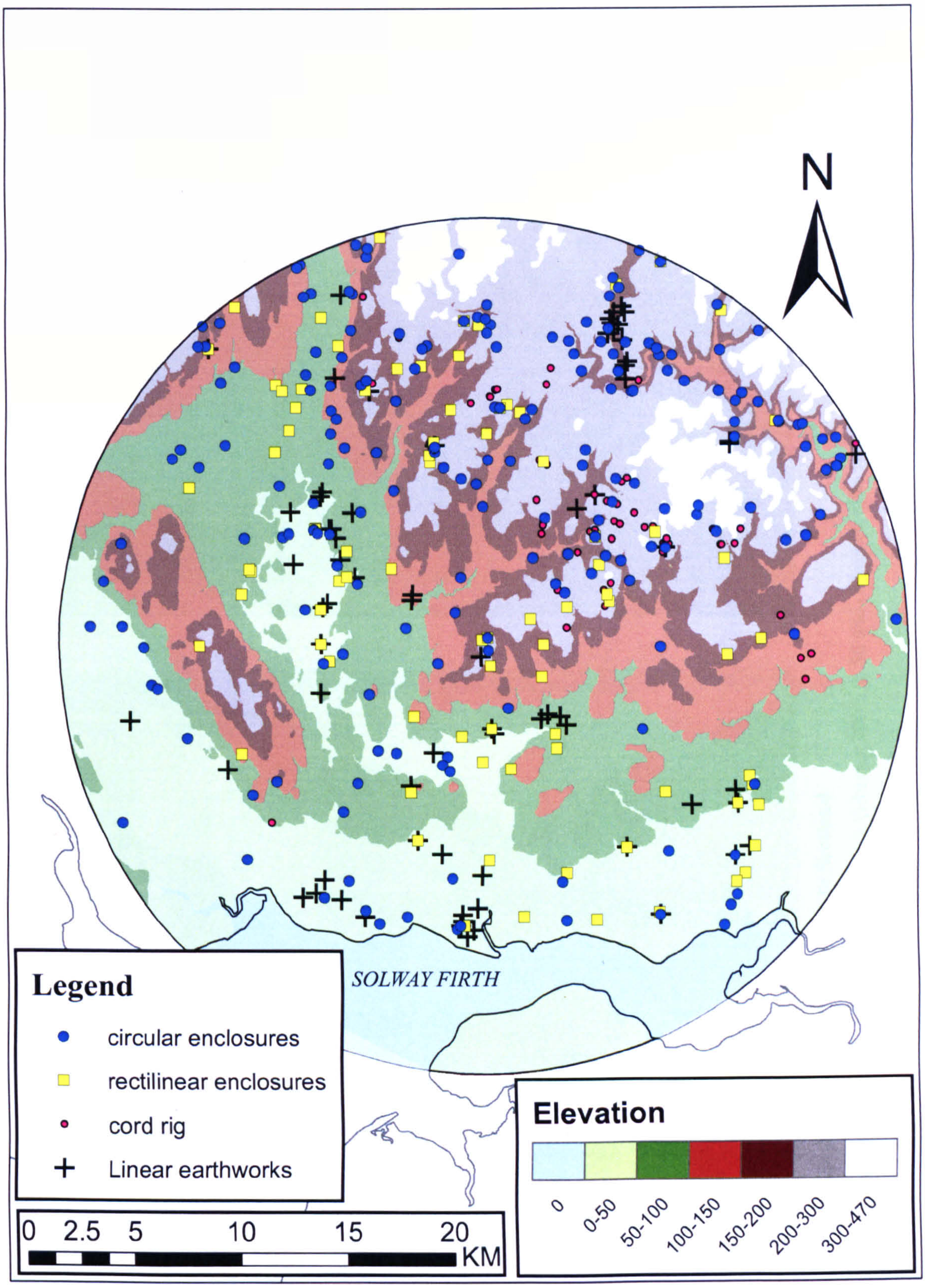


Figure 4-5 Settlement and the distribution of cord rig and linear earthworks

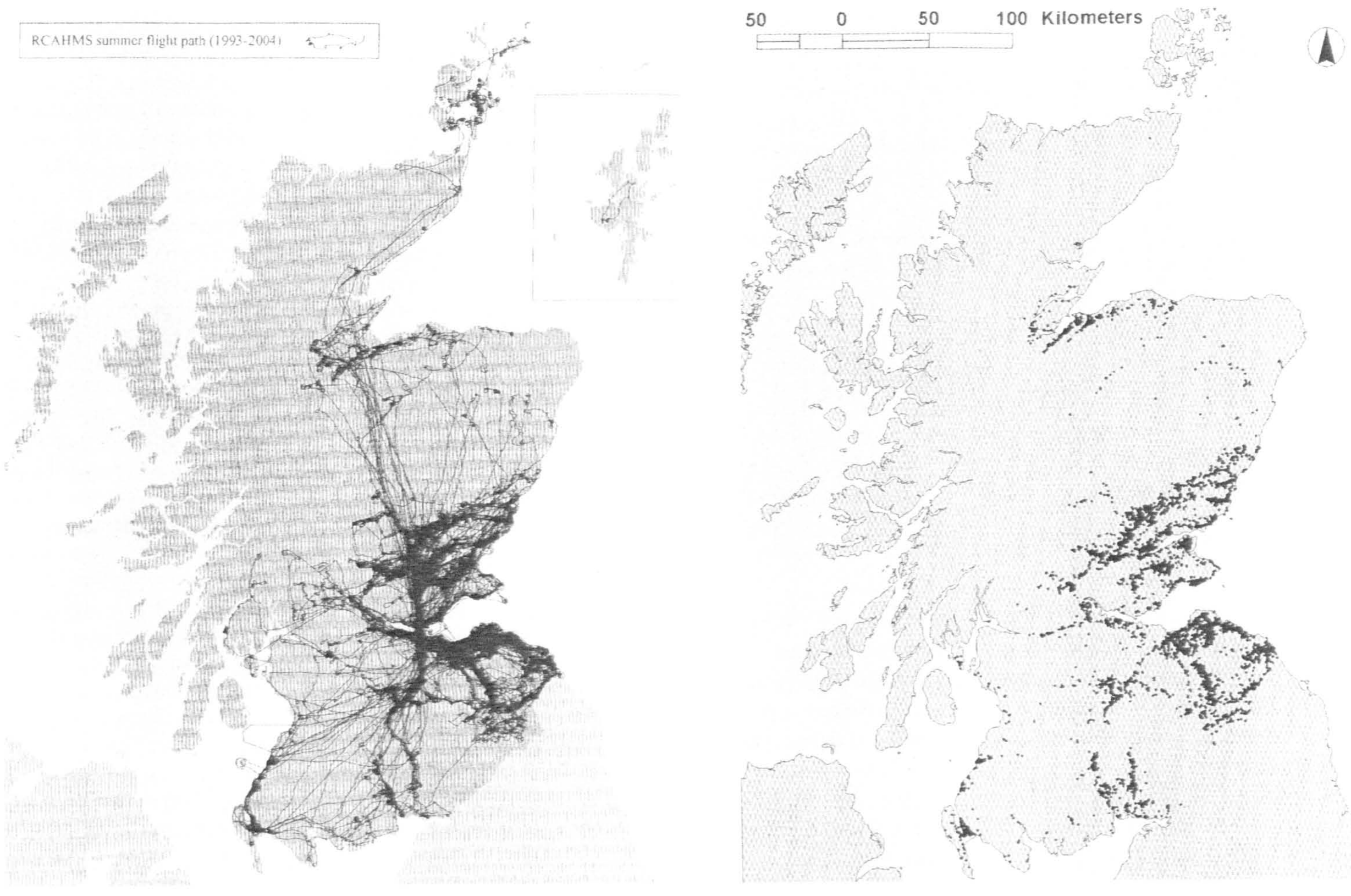
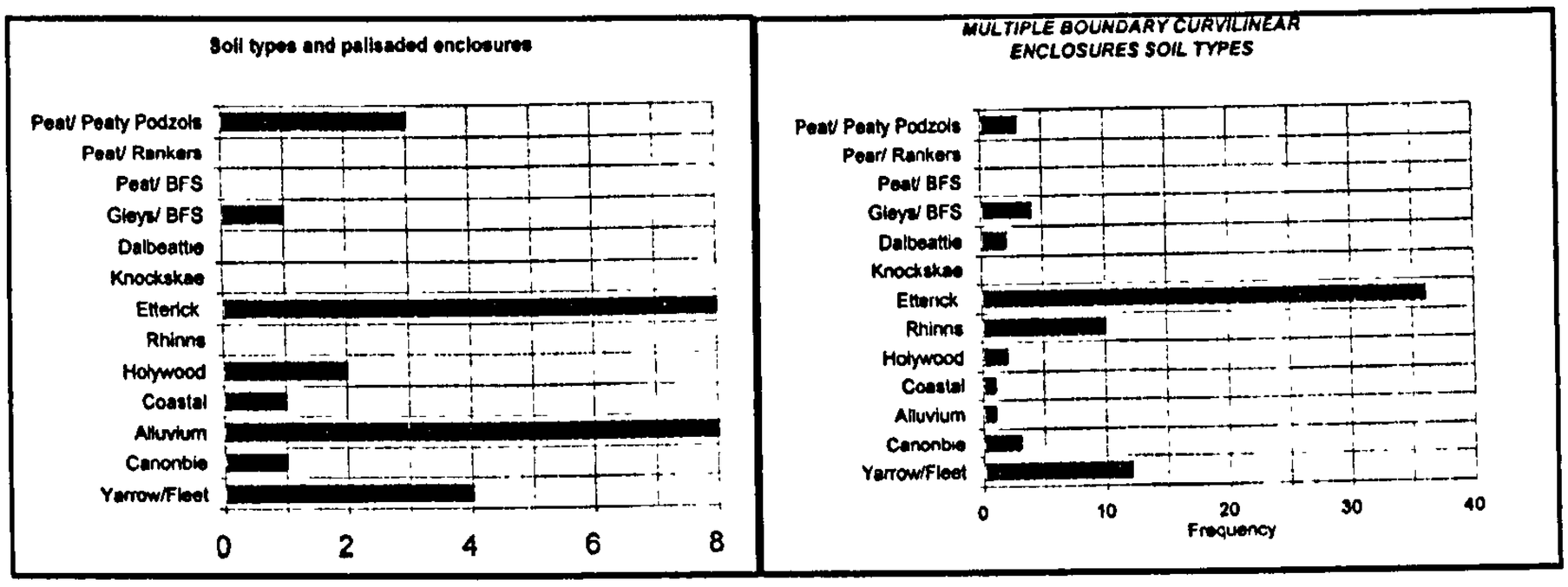
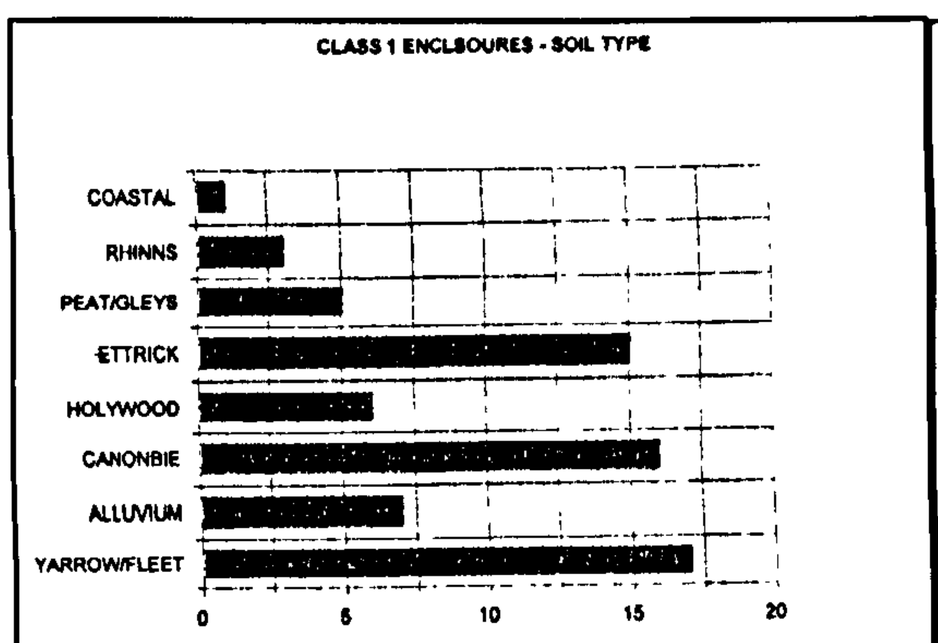
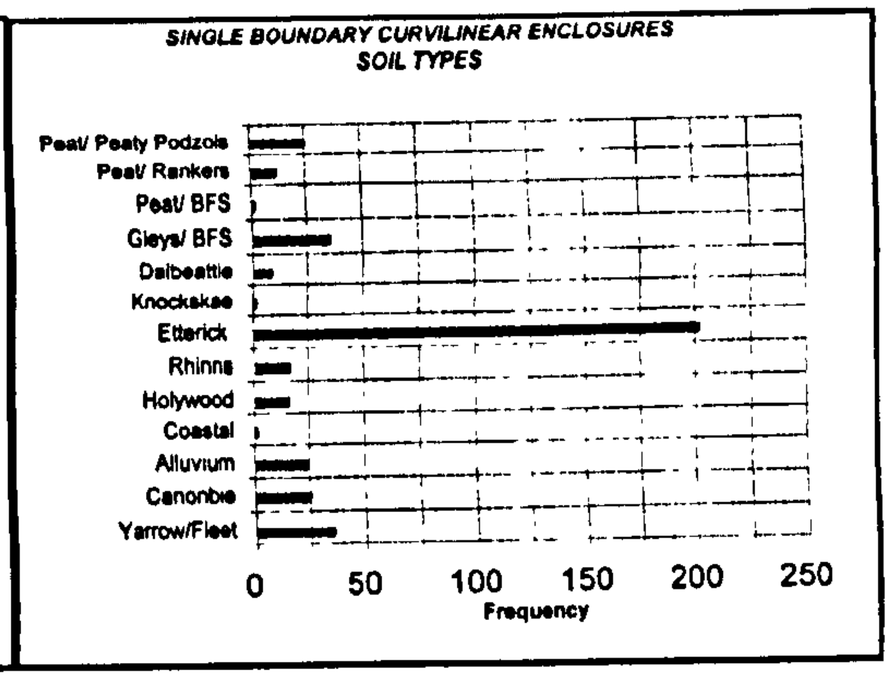


Figure 5-1 Correlation between flight paths and cropmarks in Scotland

Comparison between RCAHMS flight paths on the left, after Cowley & Gilmour 2005, p. 56 and cropmark sites recorded by the RCAHMS on the right, after Hanson 2005, p. 74.
Crown Copyright: RCAHMS







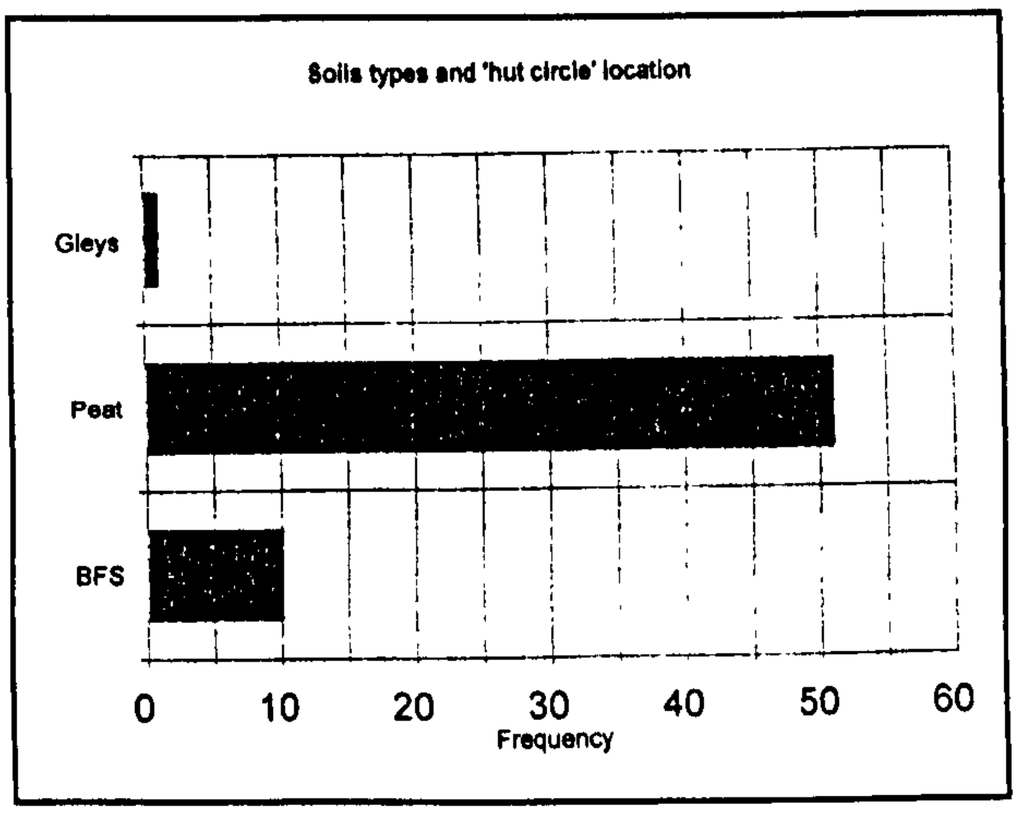


Figure 5-2 Gregory's analysis soil and settlement in south west Scotland

After Gregory 1998, pp. 209,32,40,65,75

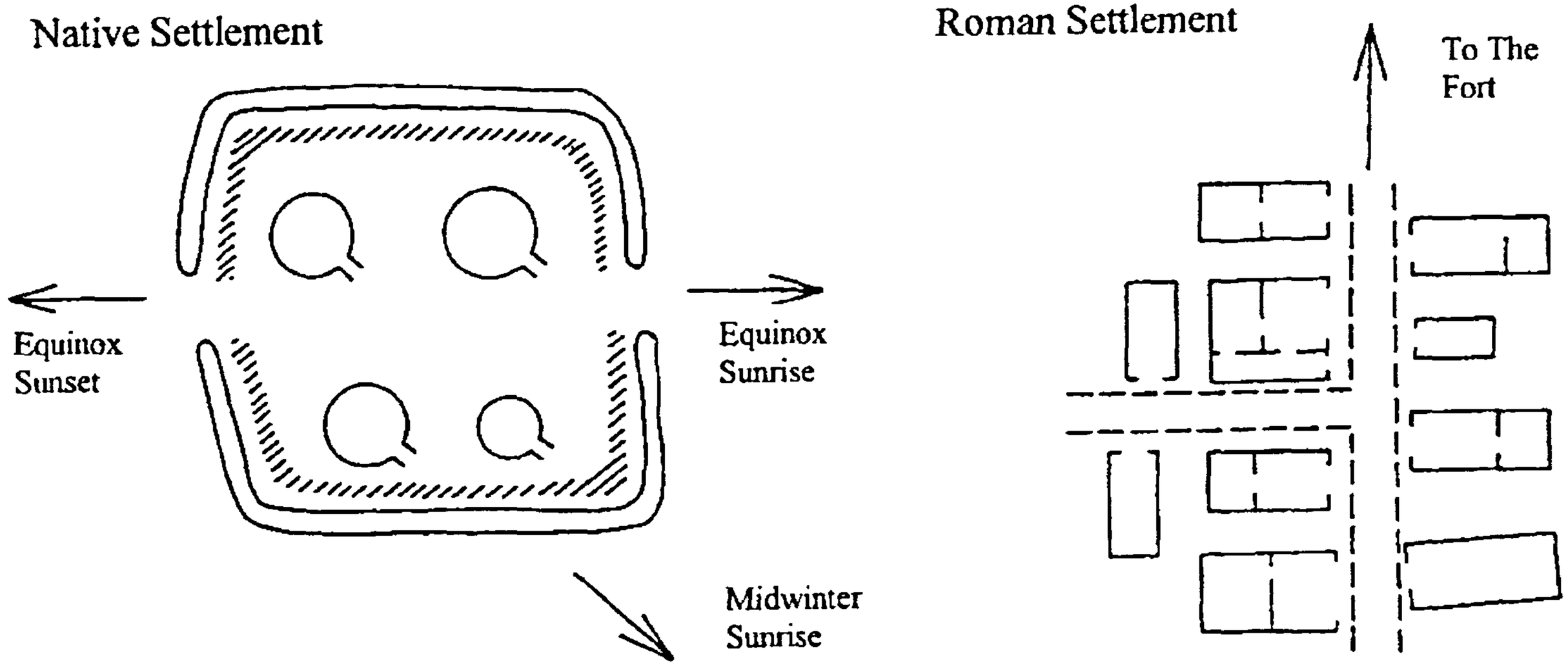


Figure 5-3 Idealised Roman and native settlement organisation

After Clarke 1999, p. 41

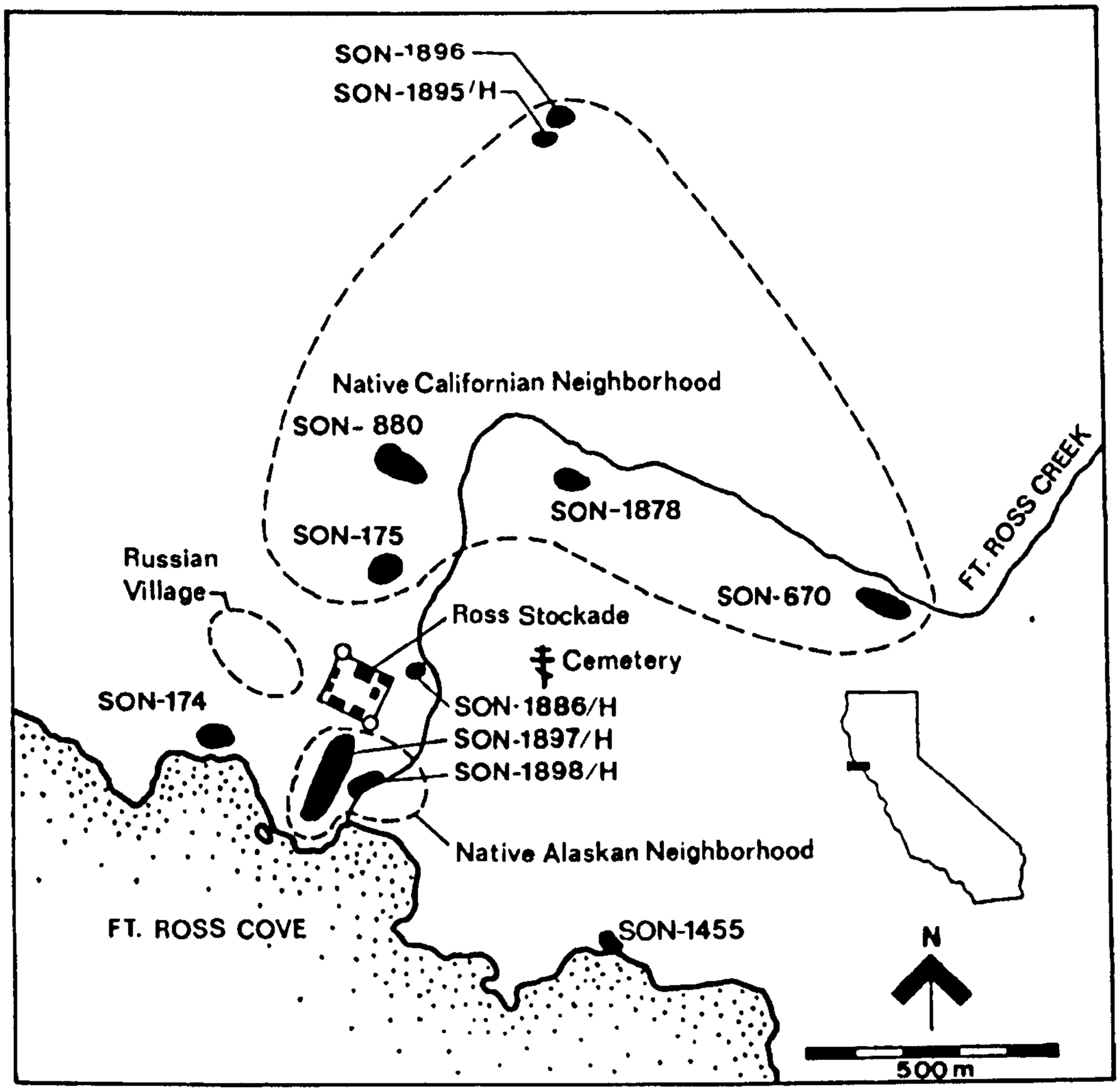


Figure 5-4 Fort Ross (California) and the spatial layout of different ethnic groups

After Lightfoot *et al.* 1998

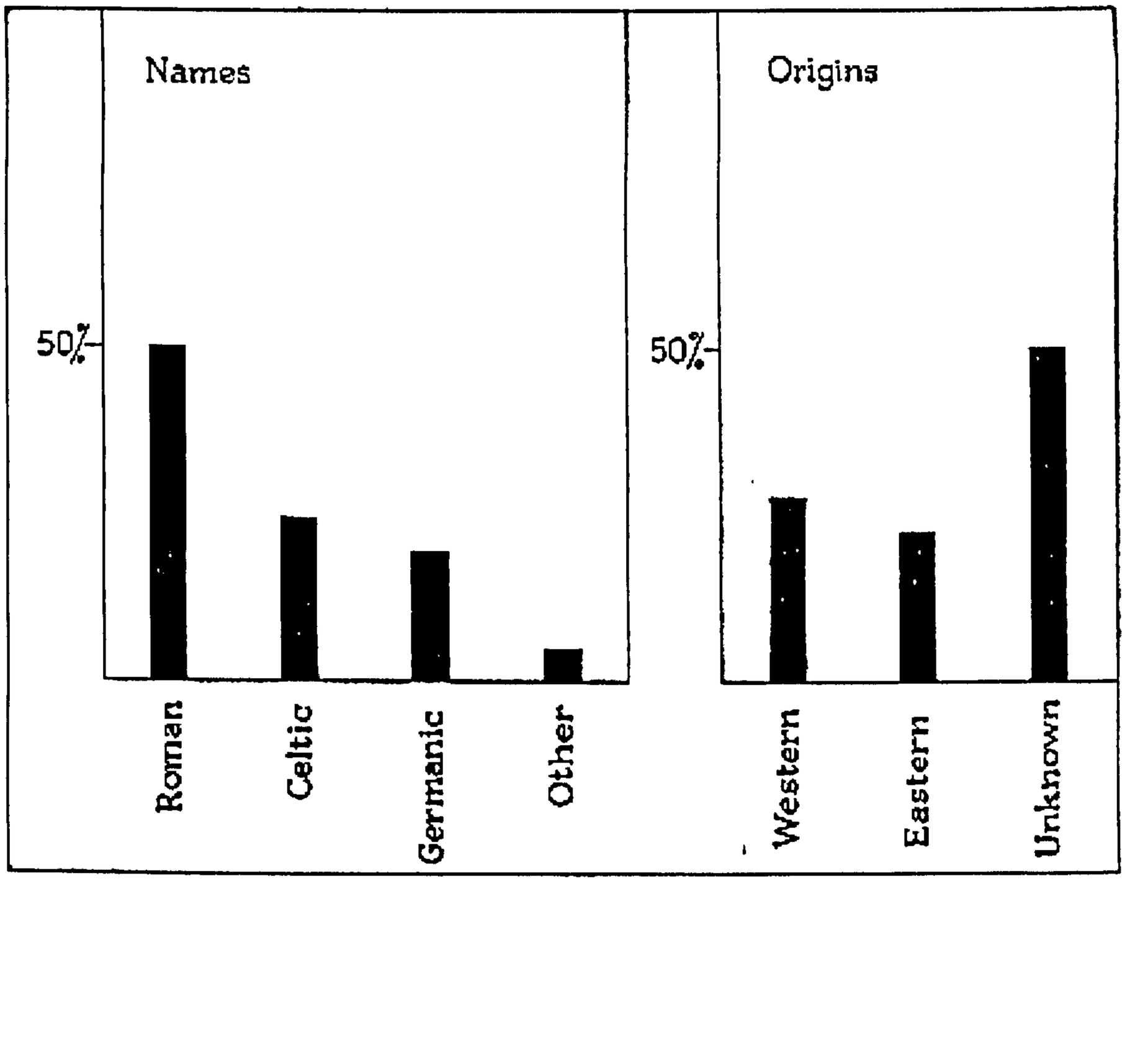


Figure 5-5 Epigraphic evidence of origin from the northern frontiers

After Salway 1965, p. 18

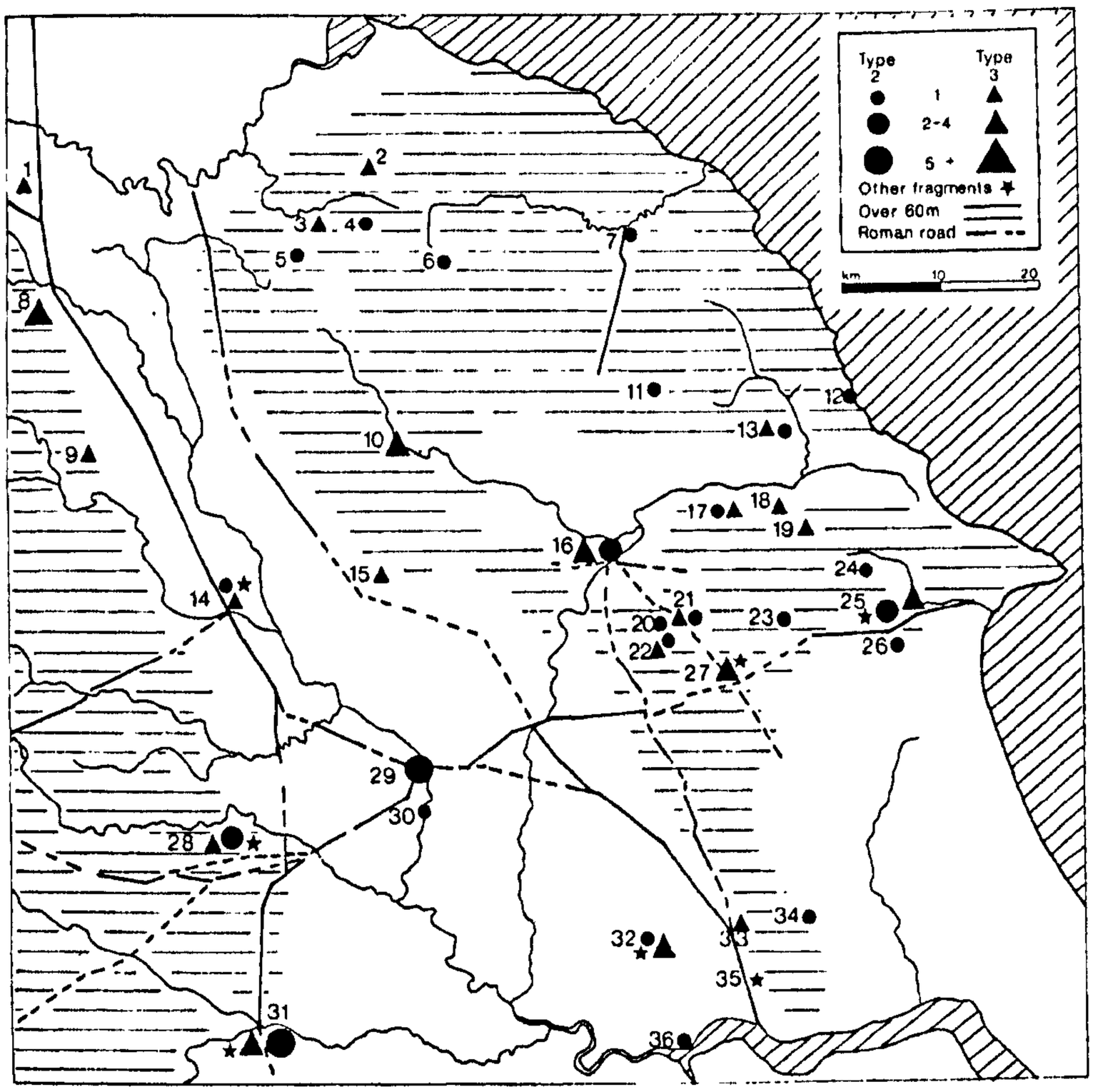


Figure 5-6 Glass bangle distribution in Yorkshire

After Price 1988

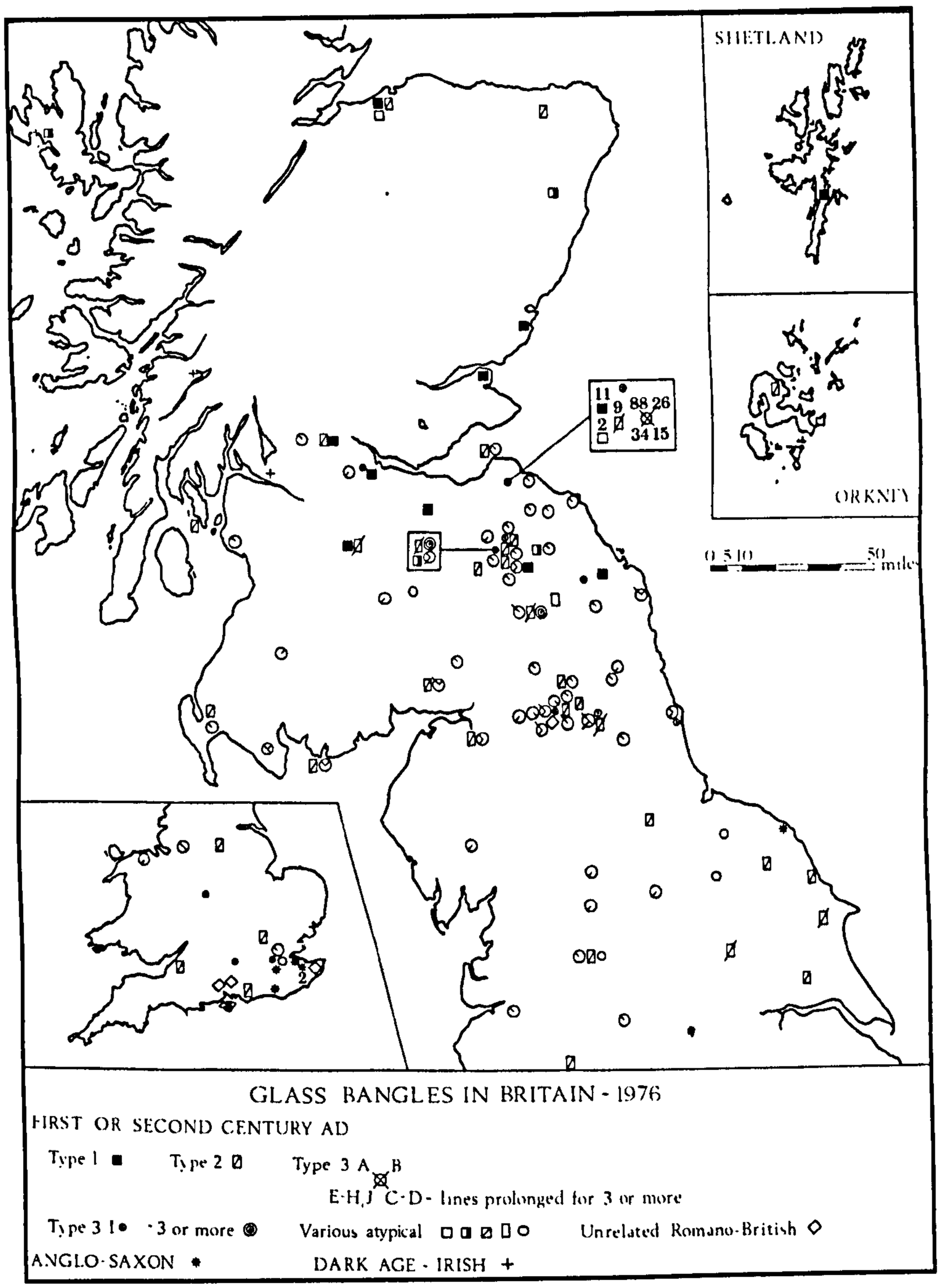


Figure 5-7 Glass bangle distribution in Britain

After Stevenson 1974, p. 49

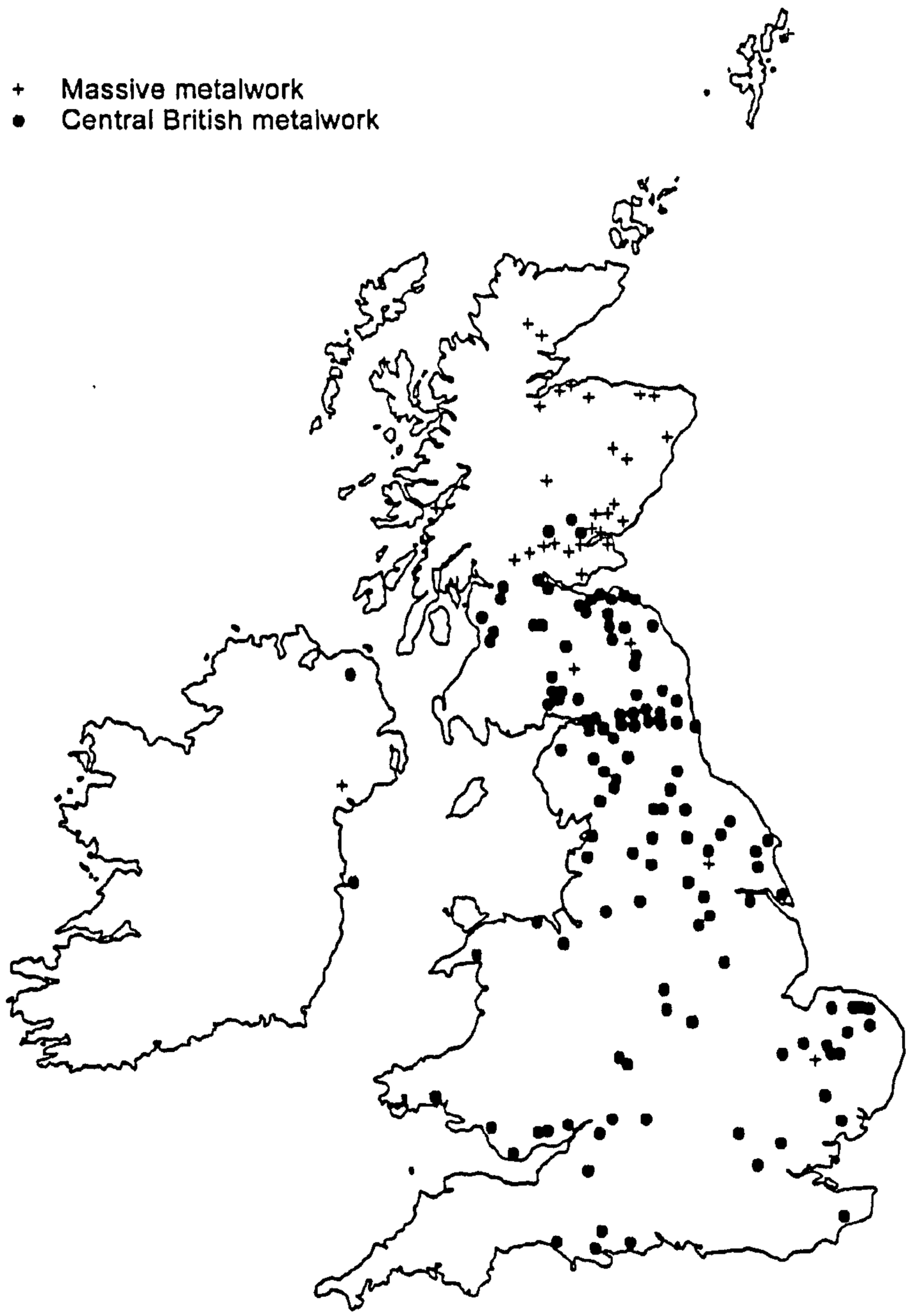


Figure 5-8 Distribution of metalwork by styles in Britain

After Hunter 2007, p. 292

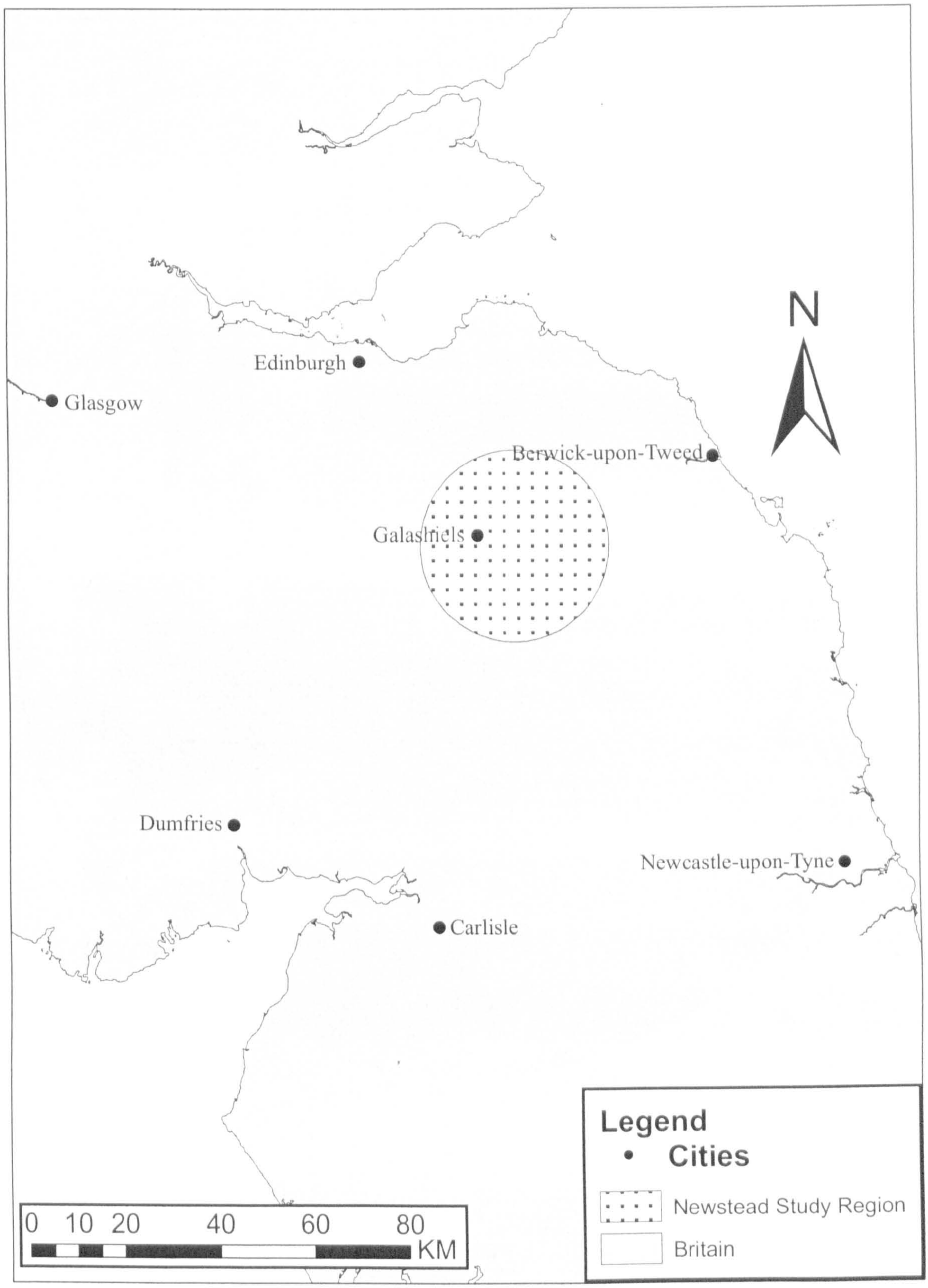


Figure 6-1 Newstead study area in regional setting

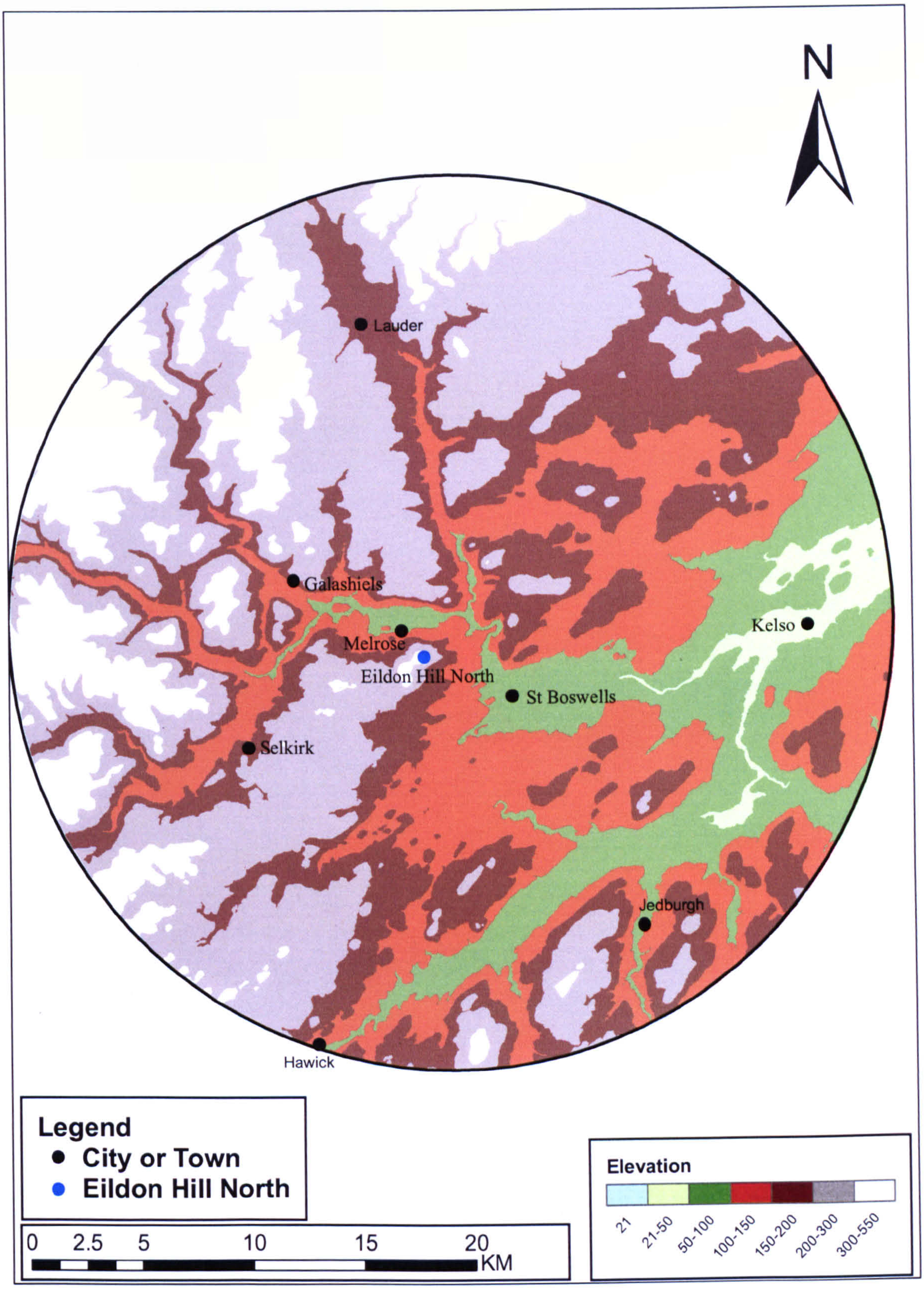


Figure 6-2 The Newstead study area with topography and modern towns

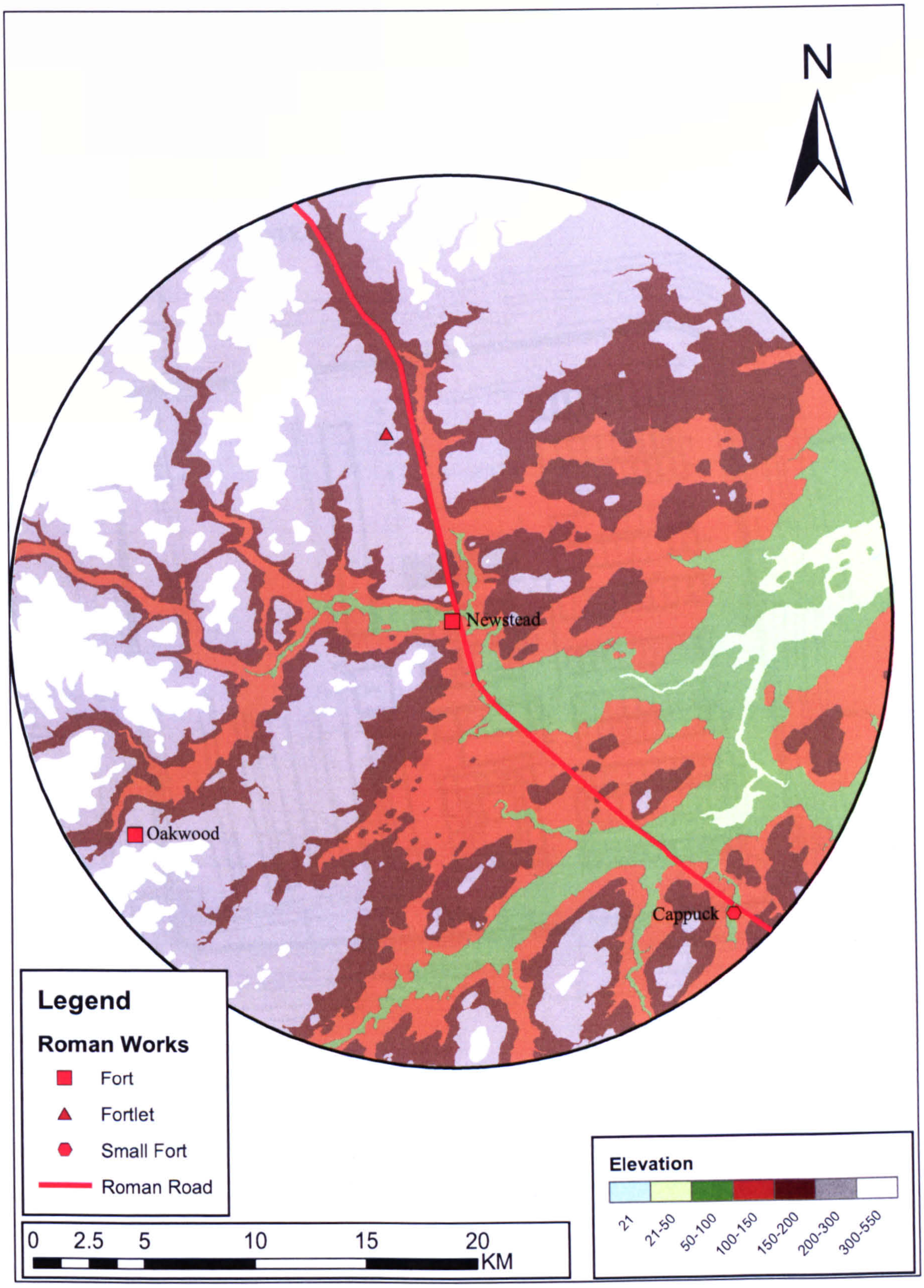


Figure 6-3 Roman forts in the Newstead region

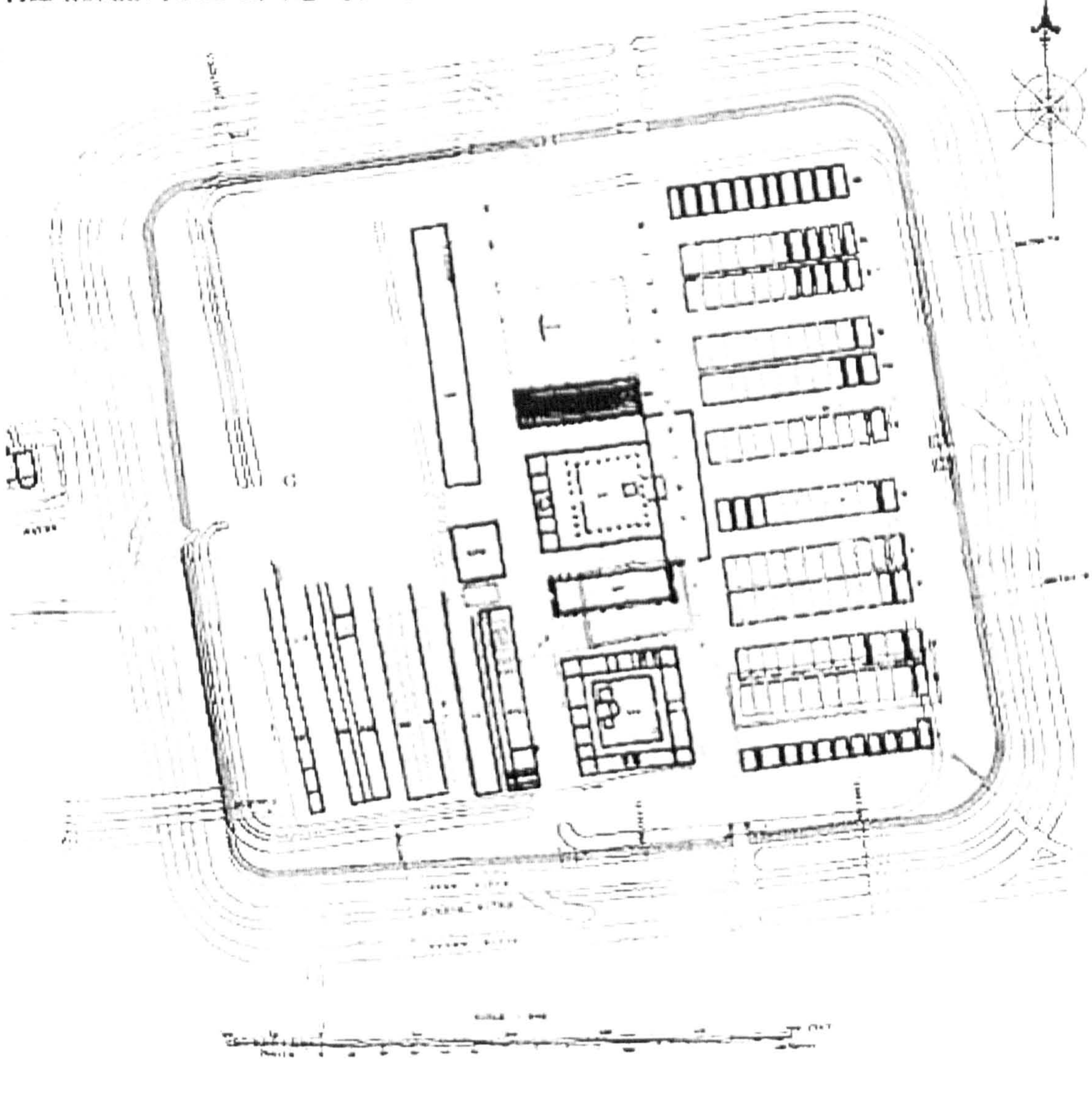


Figure 6-4 Curle's plan of Newstead

After Curle 1911

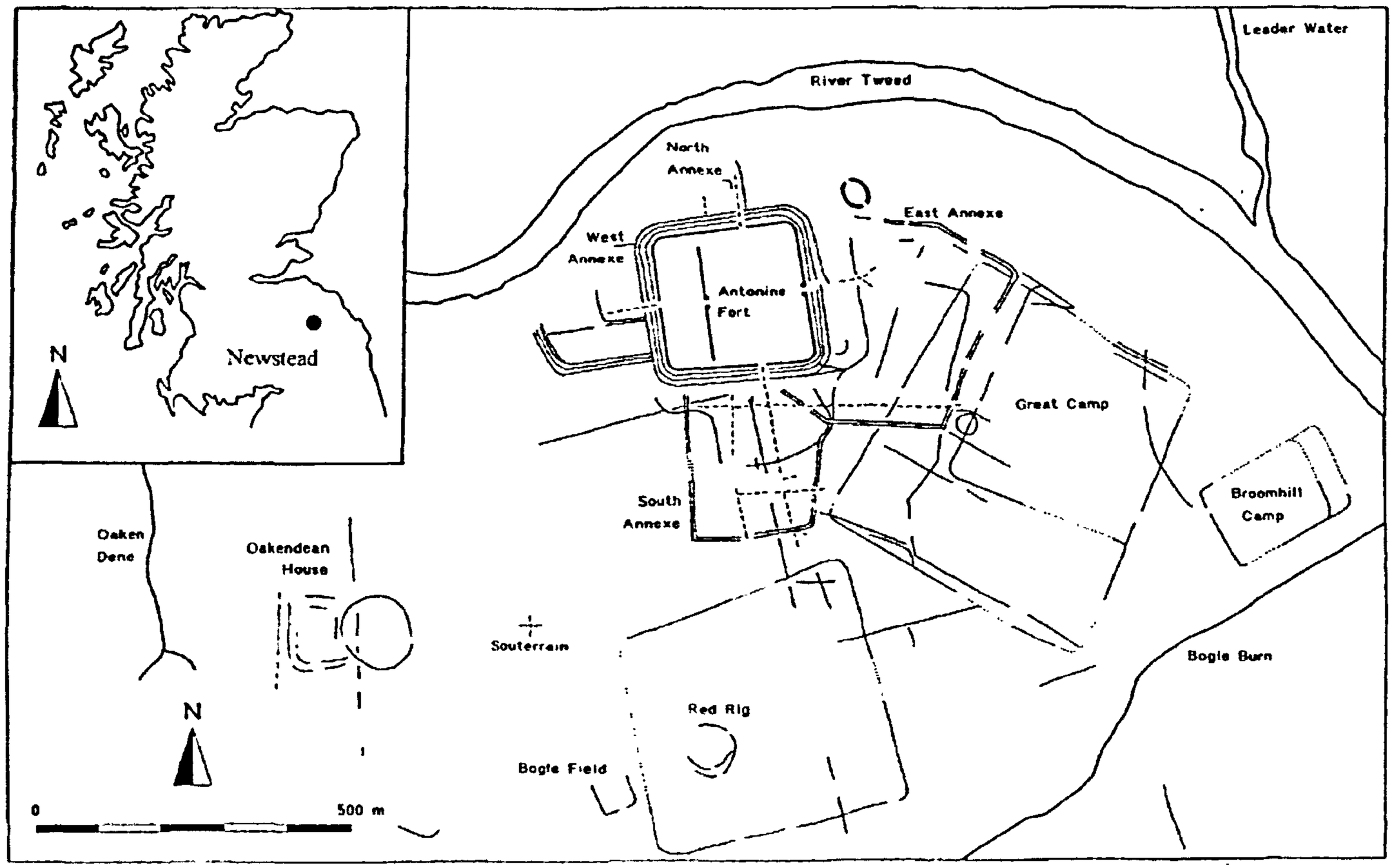


Figure 6-5 Modern plan of Newstead

After Clarke & Wise 1999, p. 374

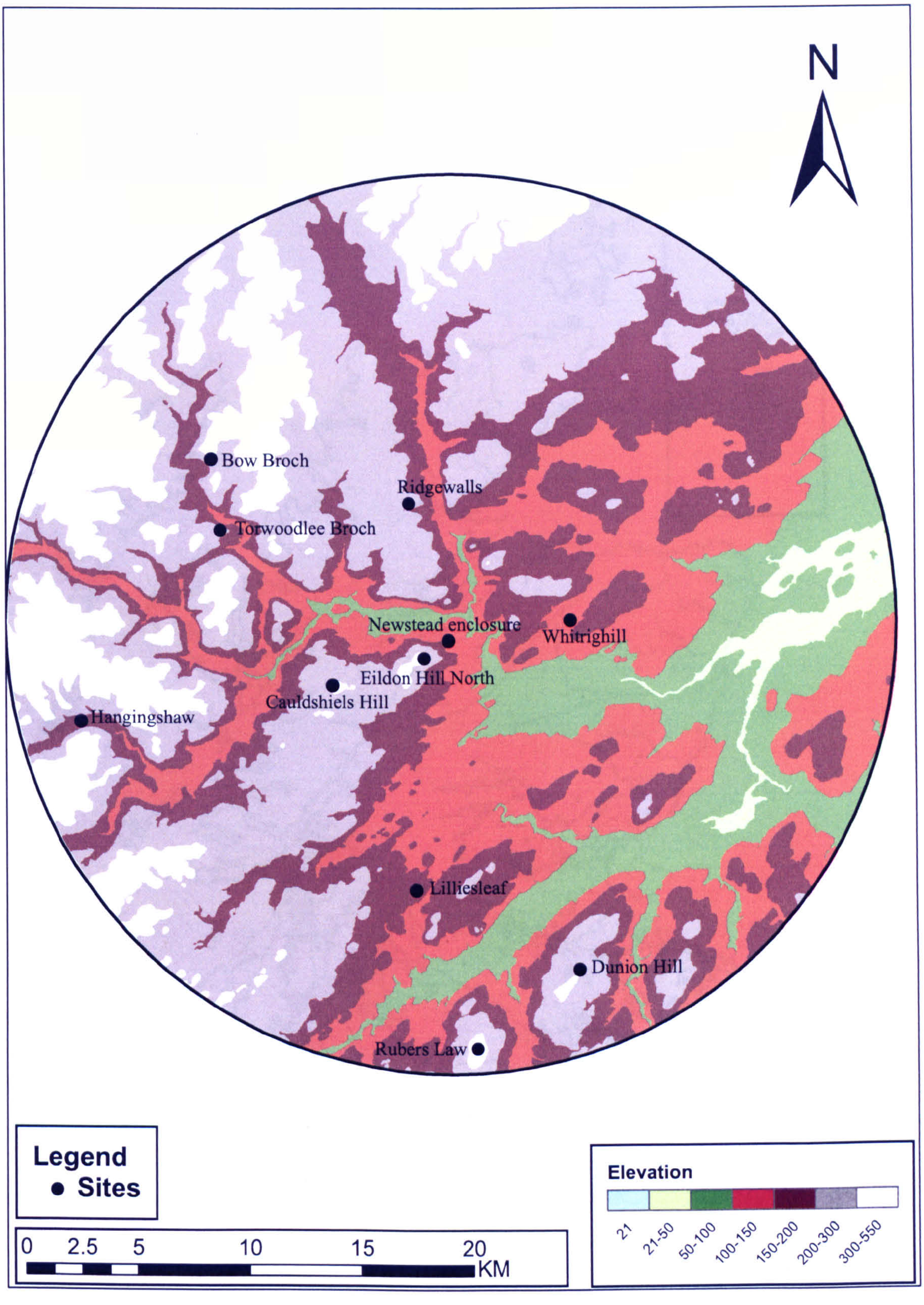


Figure 6-6 Key sites discussed in text

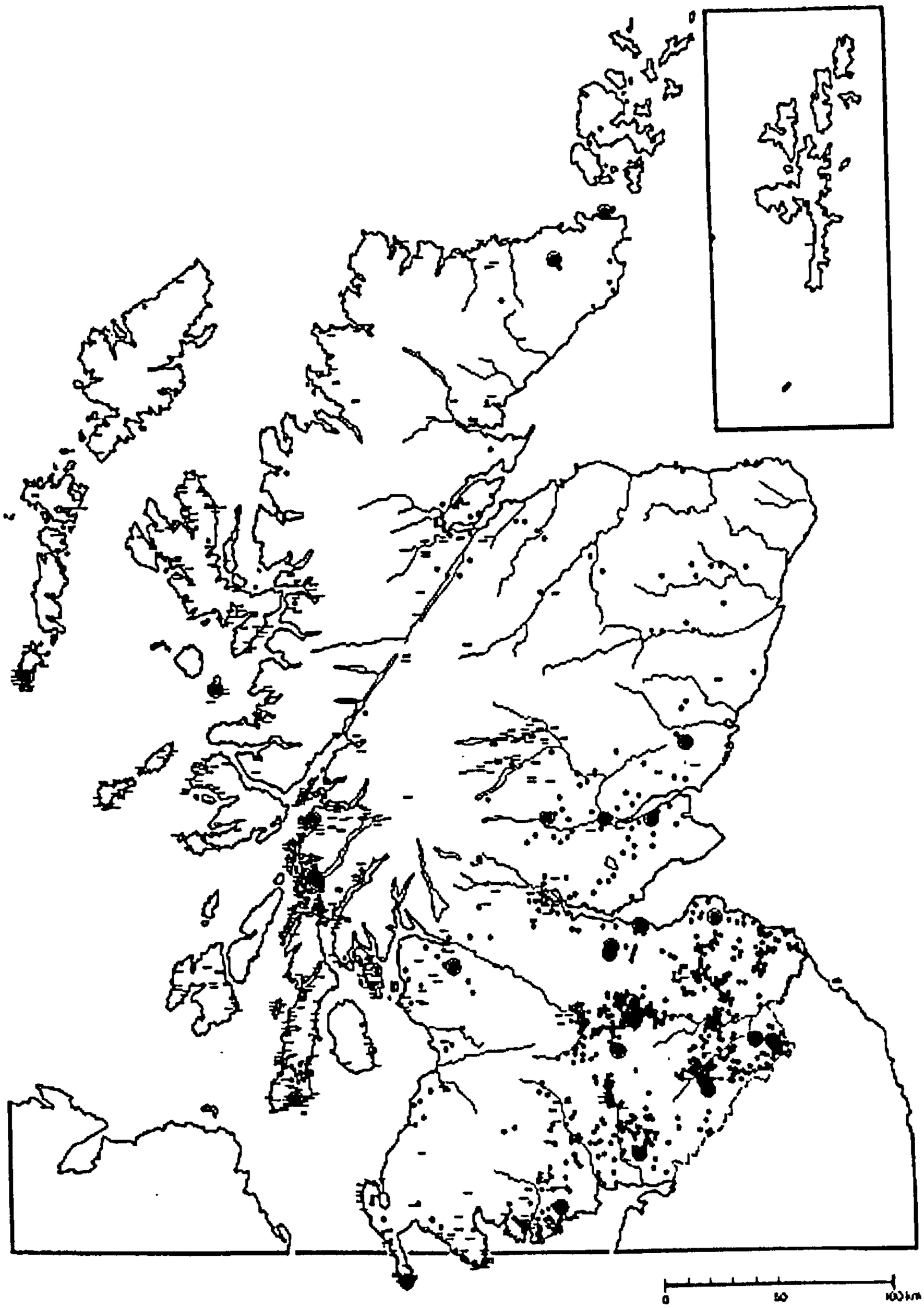


Figure 6-7 Hillforts in Scotland

After Armit & Ralston 1997, p. 181

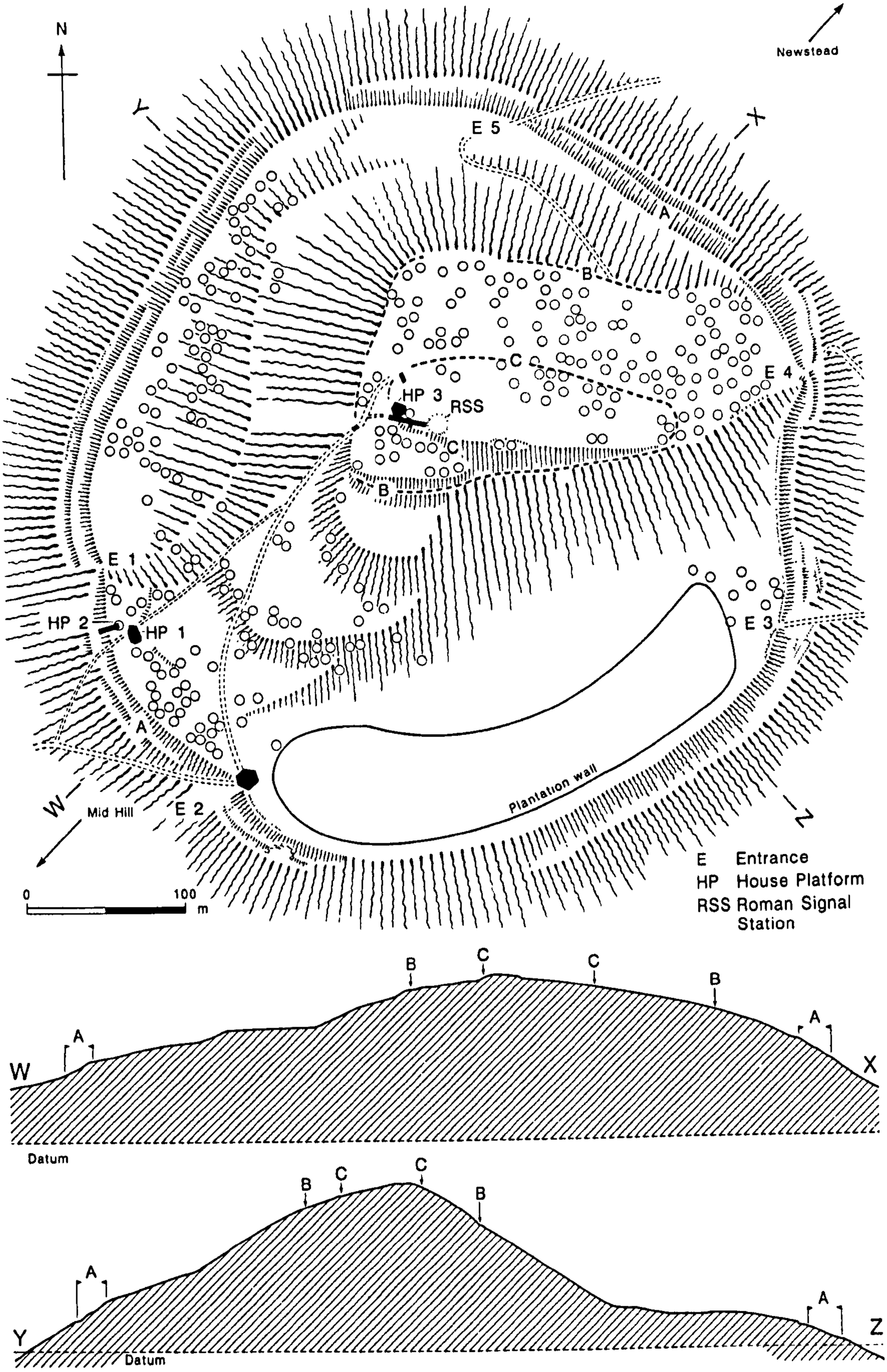


Figure 6-8 Plan of Eildon Hill North

After Owen 1992, p. 26

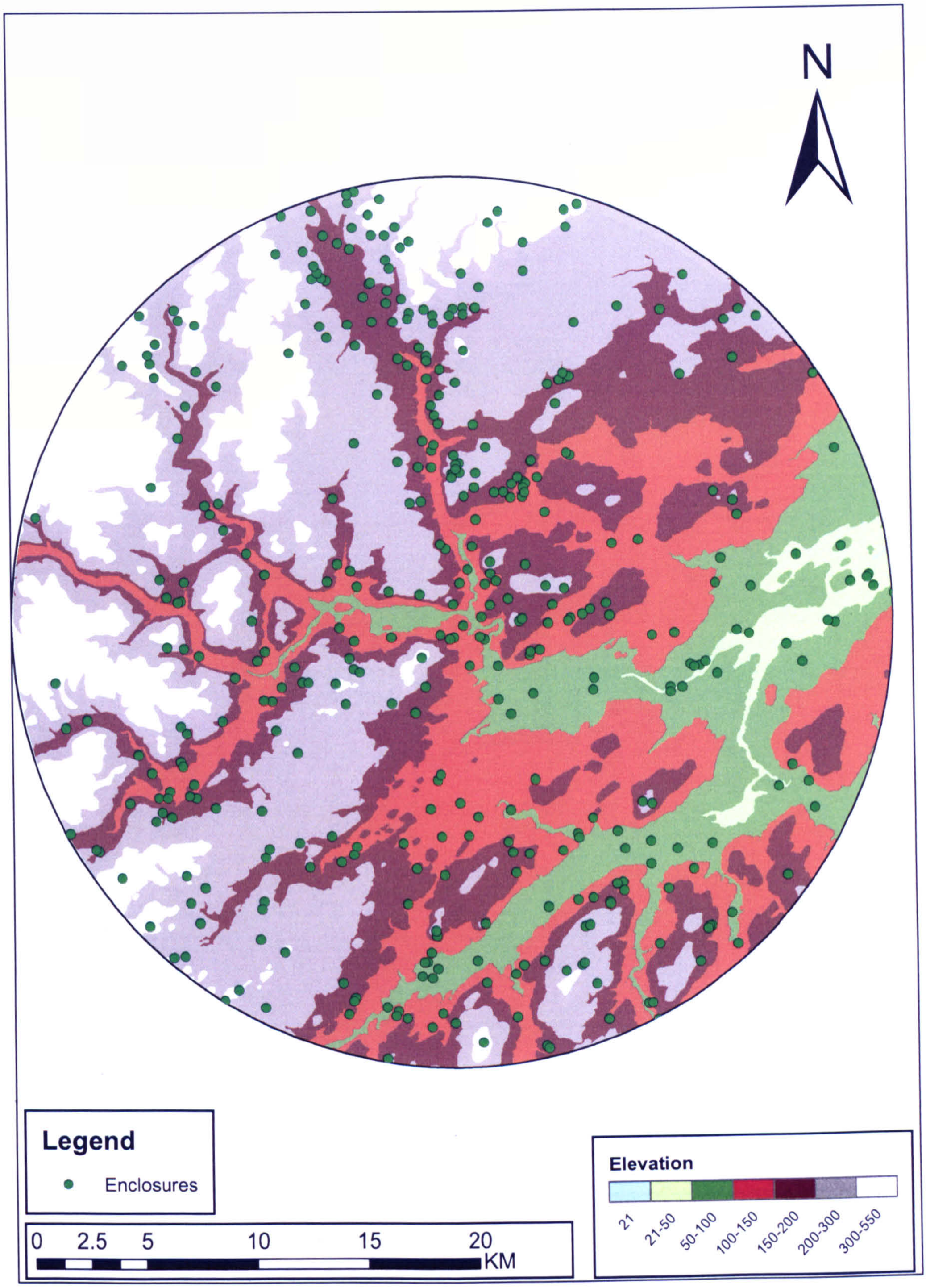


Figure 6-9 Distribution of all enclosures in the Newstead region

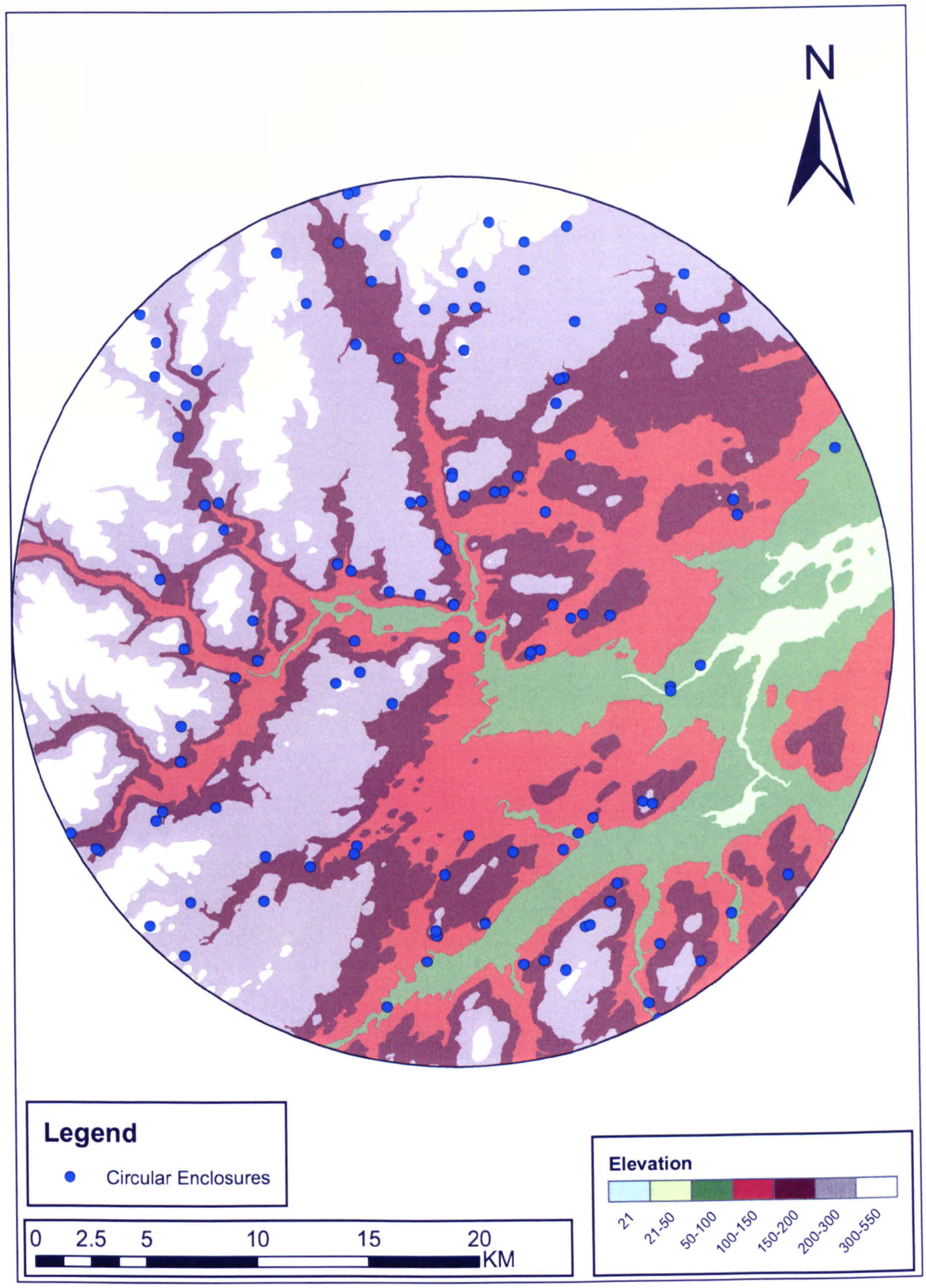


Figure 6-10 Distribution of circular enclosures in the Newstead region

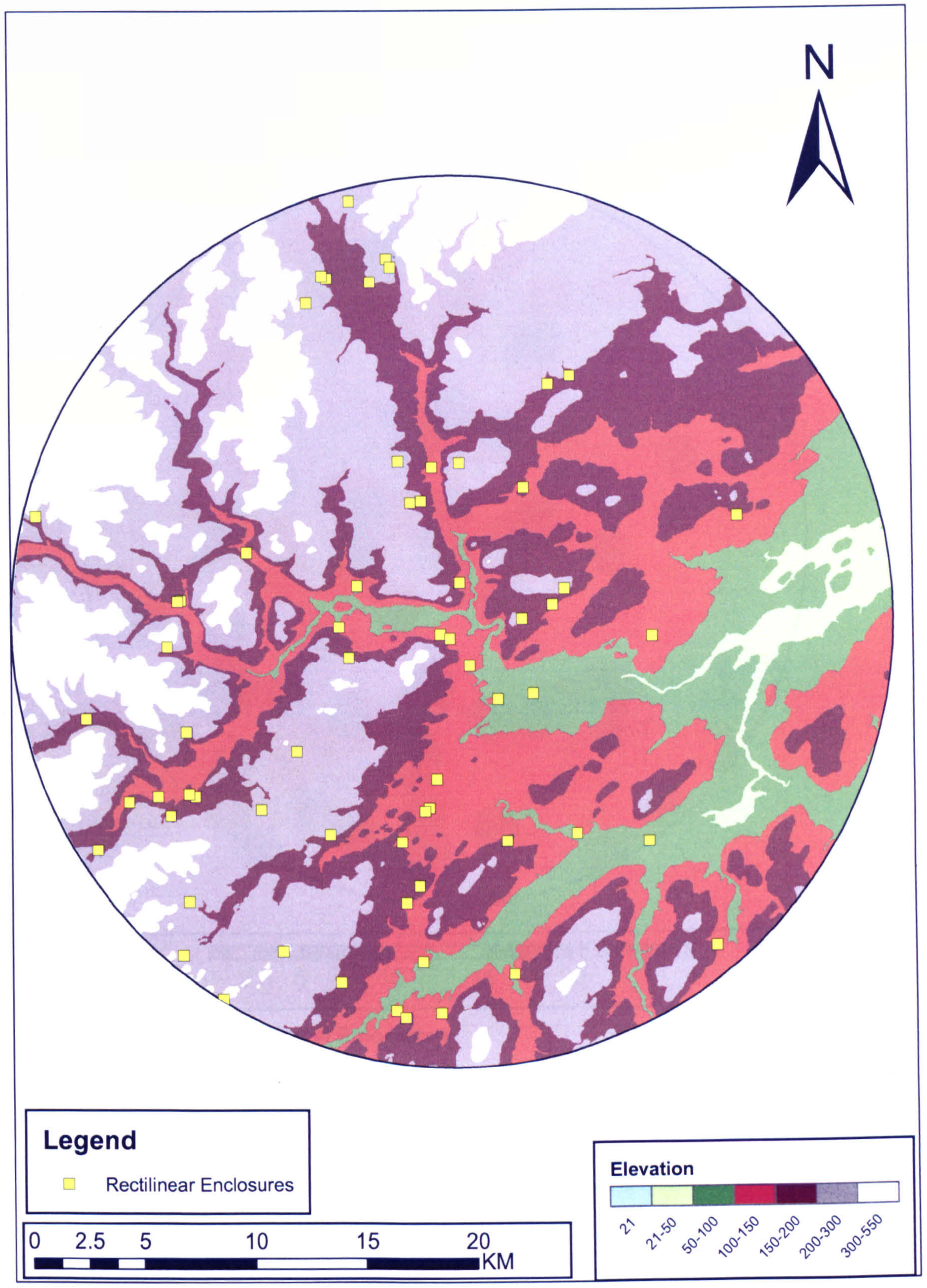


Figure 6-11 Distribution of rectilinear enclosures in the Newstead region

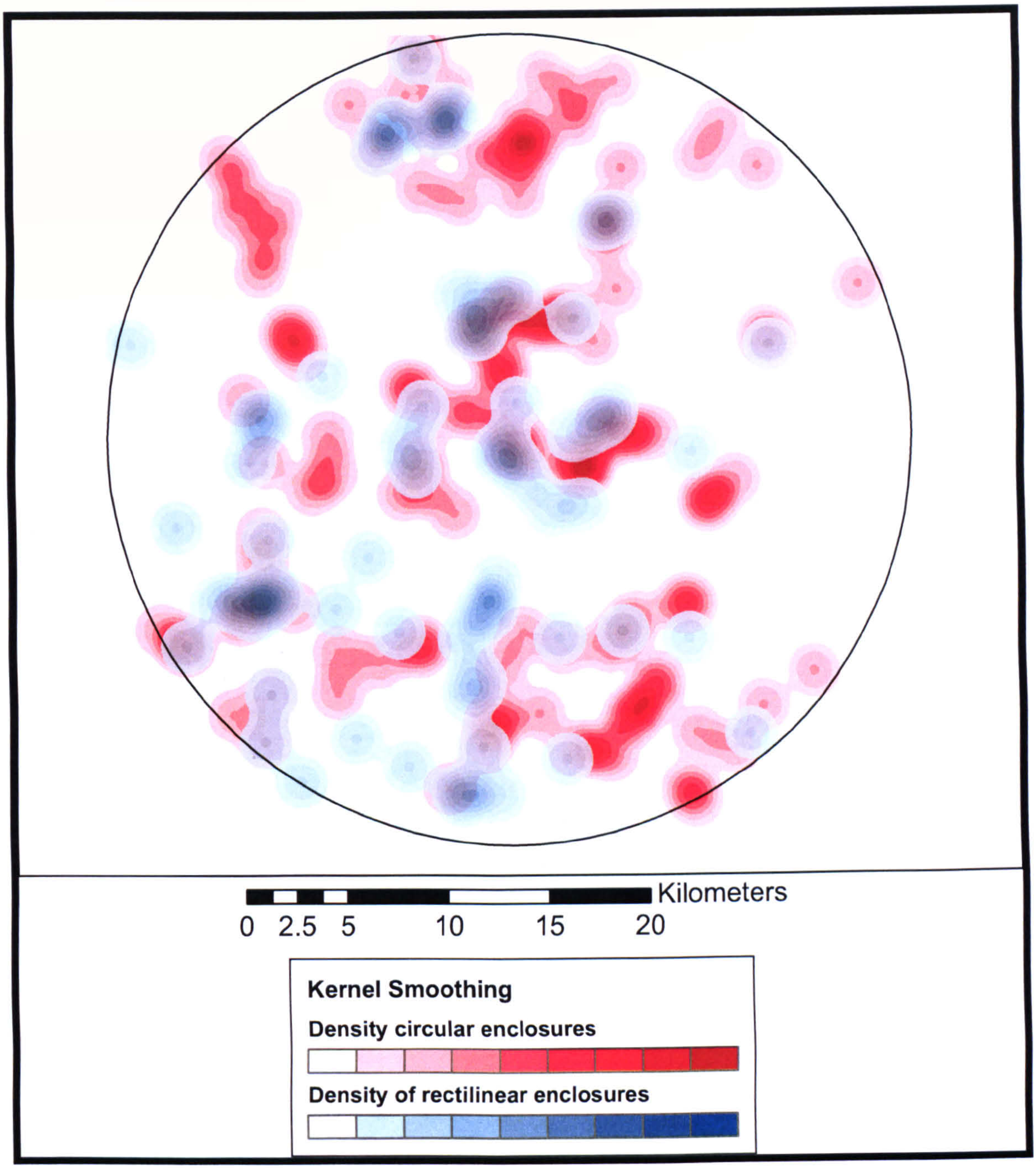


Figure 6-12 Density of circular enclosures compared with rectilinear enclosures in the Newstead region

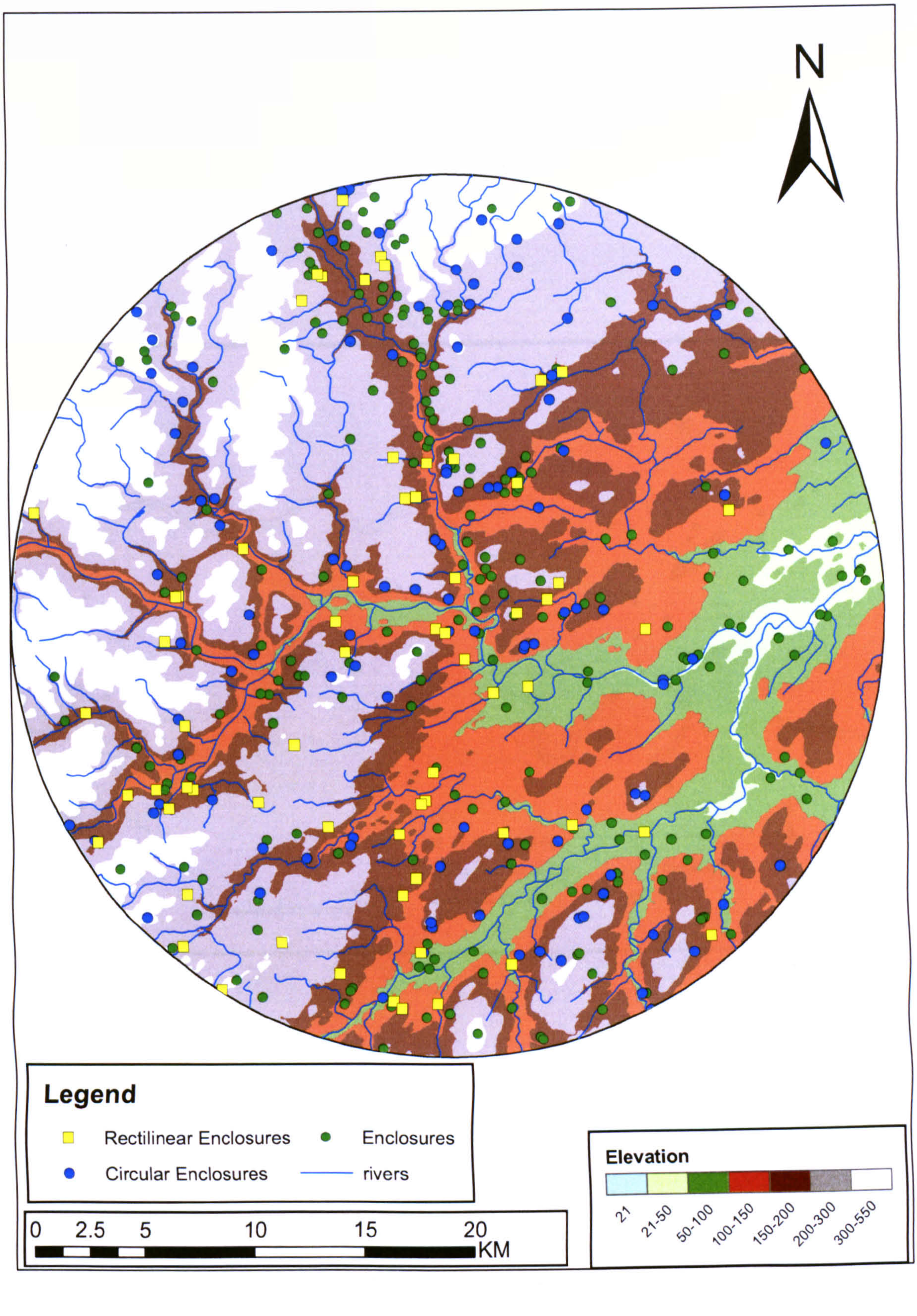


Figure 6-14 Distribution of settlement in relation to rivers

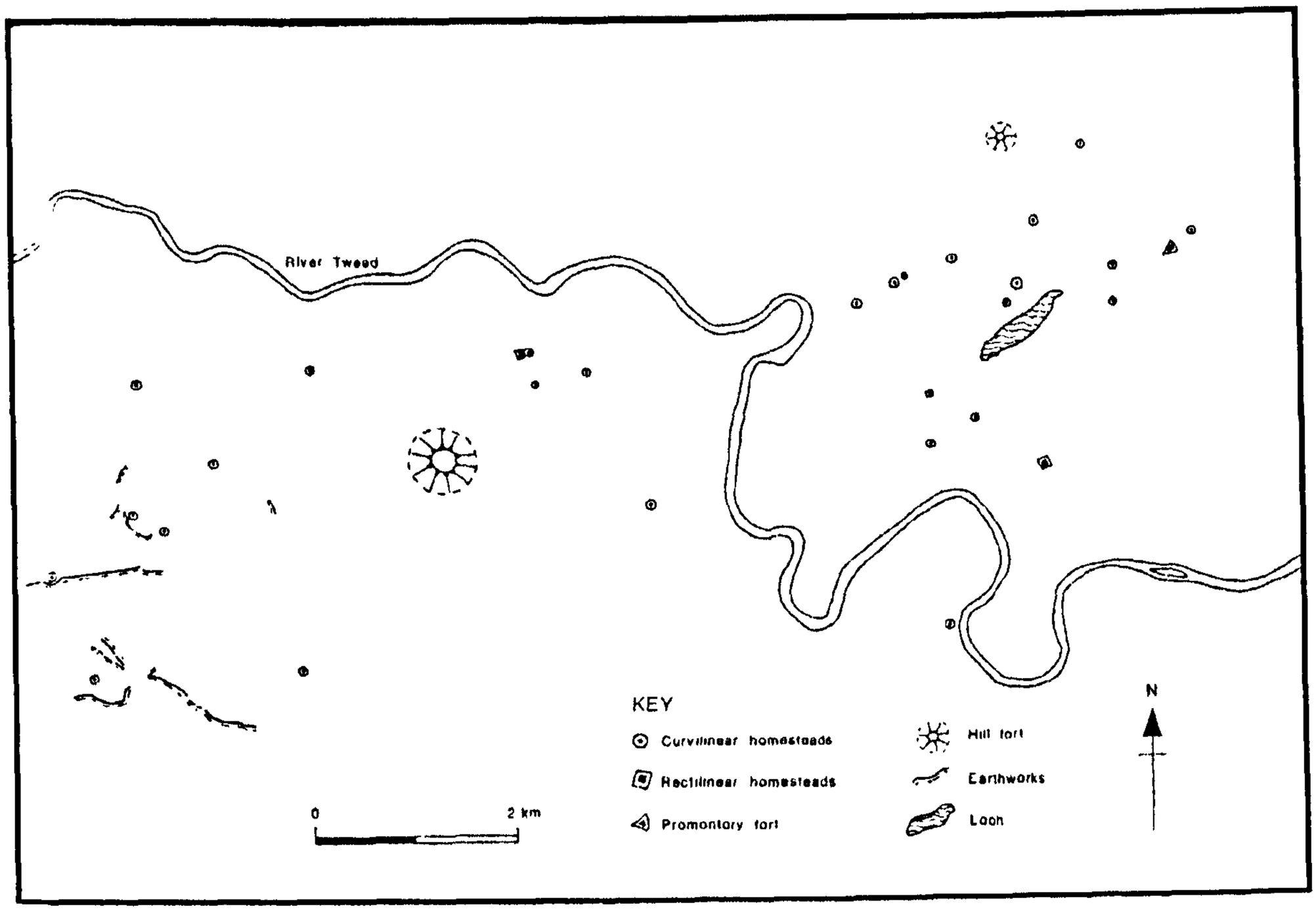


Figure 6-15 Wise's map of settlement in the Tweed Valley

After Wise 2000

Distance from rivers	area in m2	% of total area	number of total enclosures	% of enclosures	difference	number of circular enclosures	% of circular enclosures	difference	number of rectilinear enclosures	% of rectilinear enclosures	difference
within 250m	348274952	27.73%	128	29.49%	0.018	30	25.42%	0.023	25	39.06%	-0.113
within 500m	649825686	51.75%	240	55.30%	0.036	61	51.69%	0.001	42	65.63%	-0.139
within 750m	881185869	70.17%	320	73.73%	0.036	84	71.19%	-0.010	50	78.13%	-0.080
within 1km	1046076438	83.30%	378	87.10%	0.038	98	83.05%	0.002	59	92.19%	-0.089
total	1255811132	100%	434	100%	0.000	118	100%	0.000	64	100%	0.000
Needed	$DMAX_{.05}$	to	reject	H_0	0.065			0.125			0.170

Table 6-1 Distance of settlement from rivers with KS test to 0.05 significance

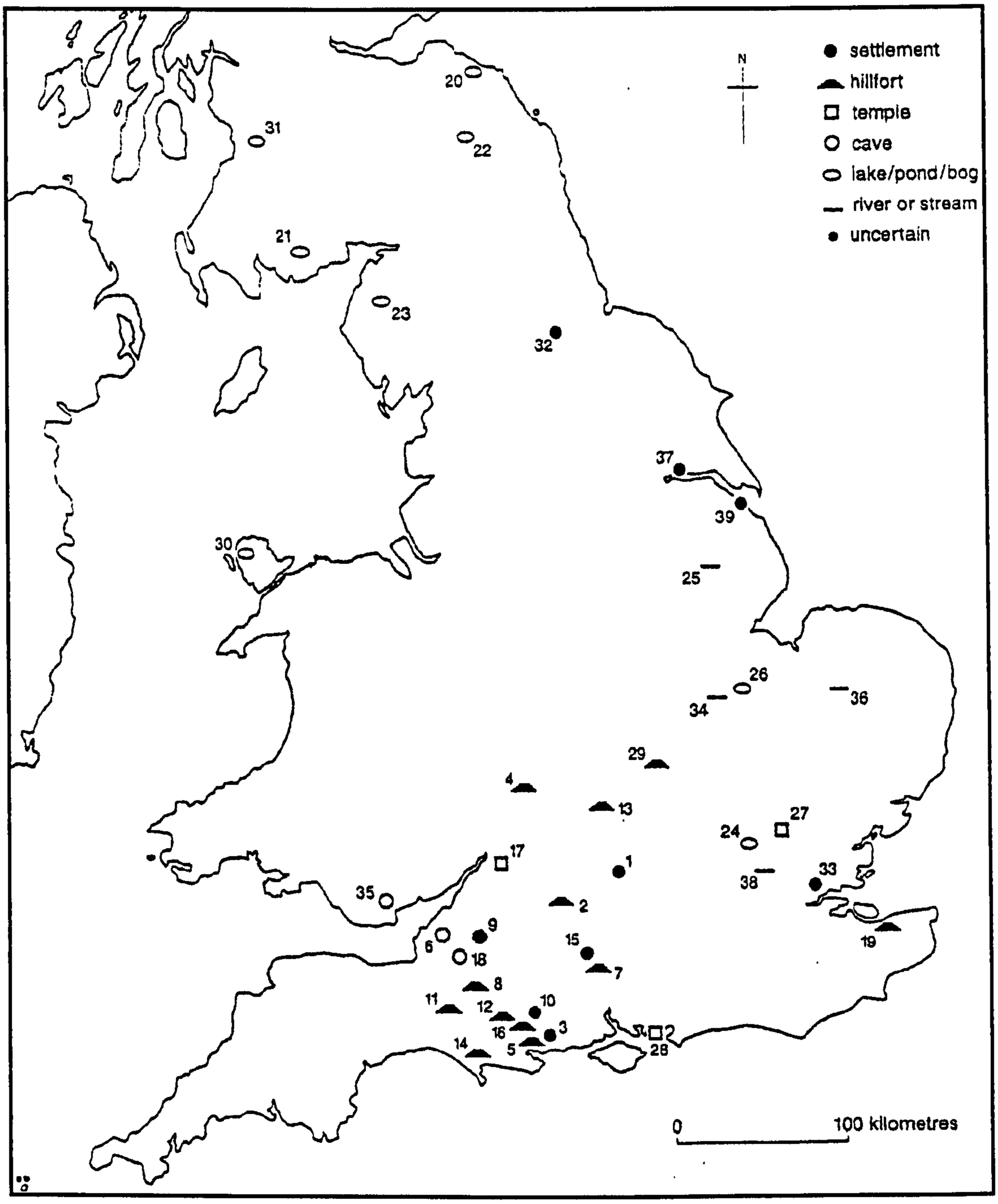


Figure 6-16 Distribution of large ironwork deposits in Britain

After Haselgrove & Hingley 2006

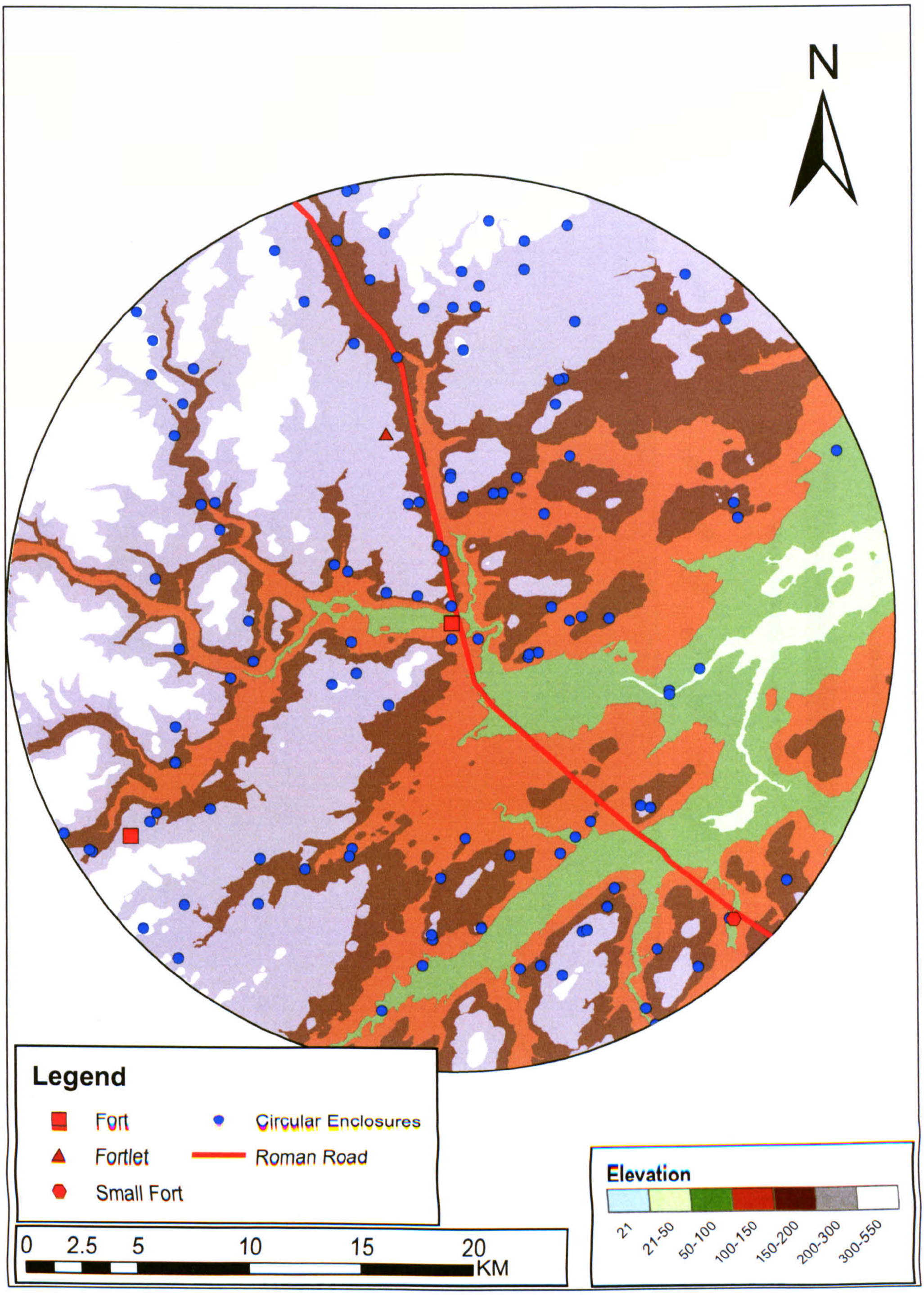


Figure 6-17 Distribution of circular enclosures in relation to Roman infrastructure

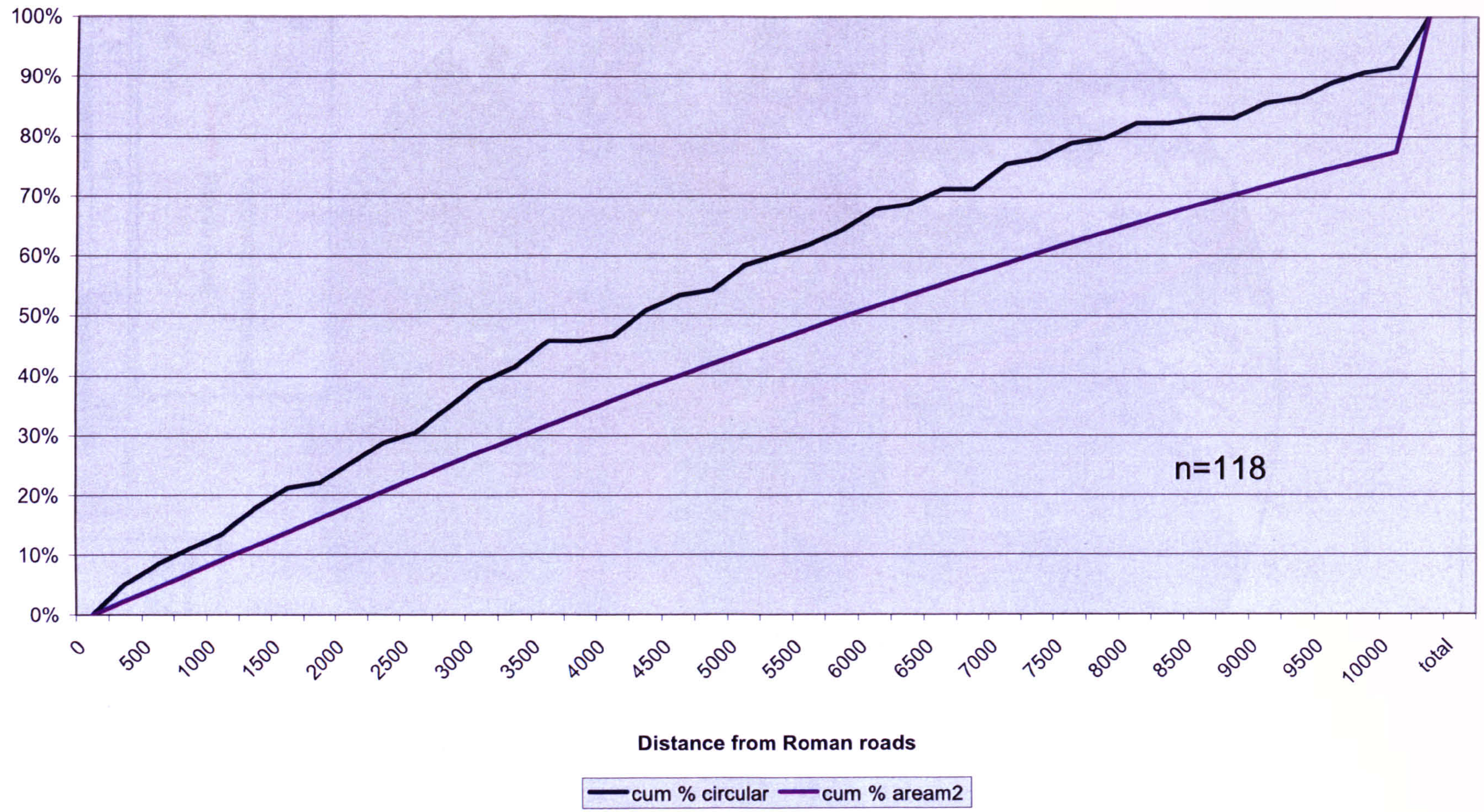


Figure 6-18 Graph of the difference between the actual distribution of circular enclosures and expected distribution in relation to their distance from Roman roads

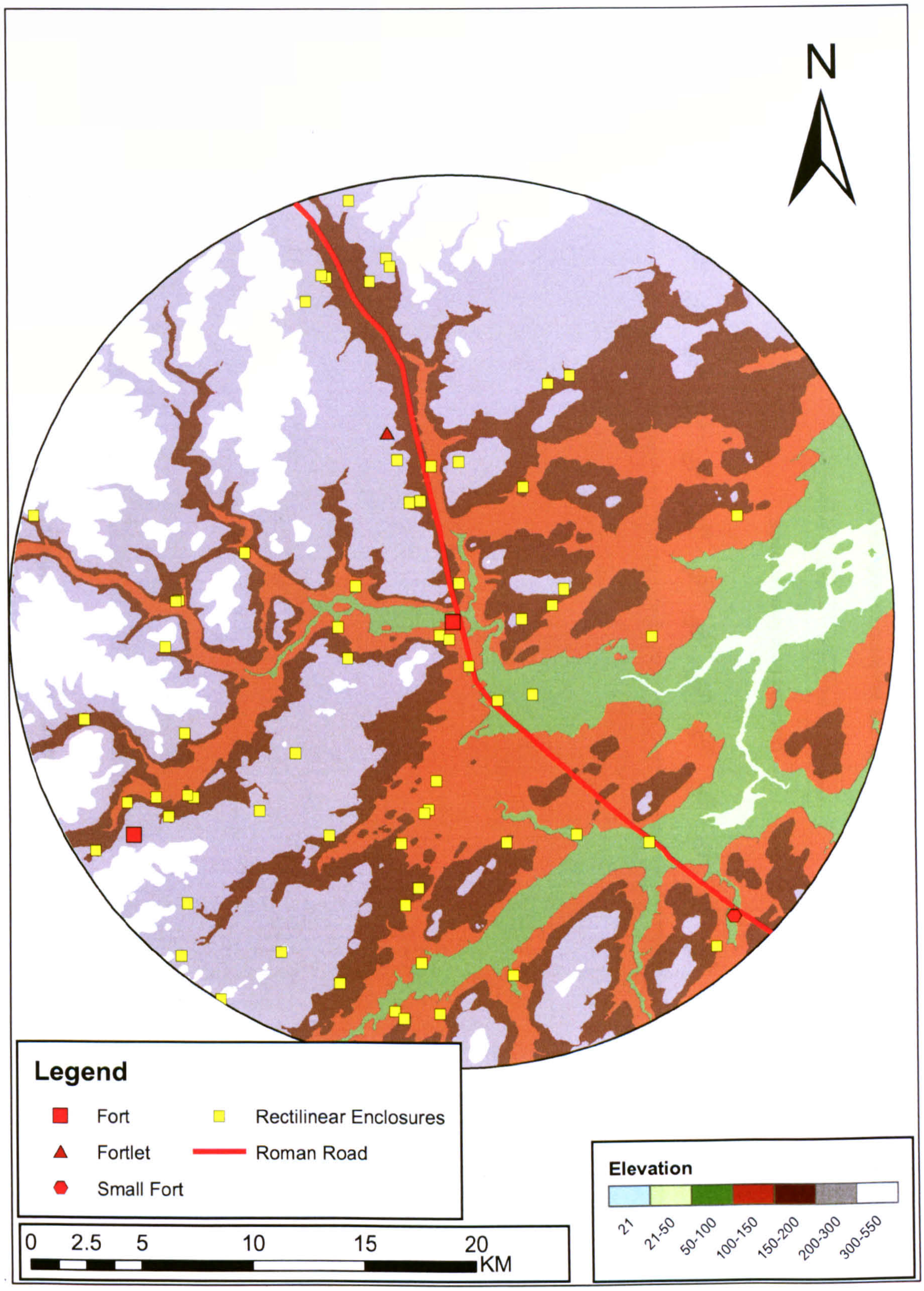


Figure 6-19 Distribution of rectilinear enclosures in relation to Roman infrastructure

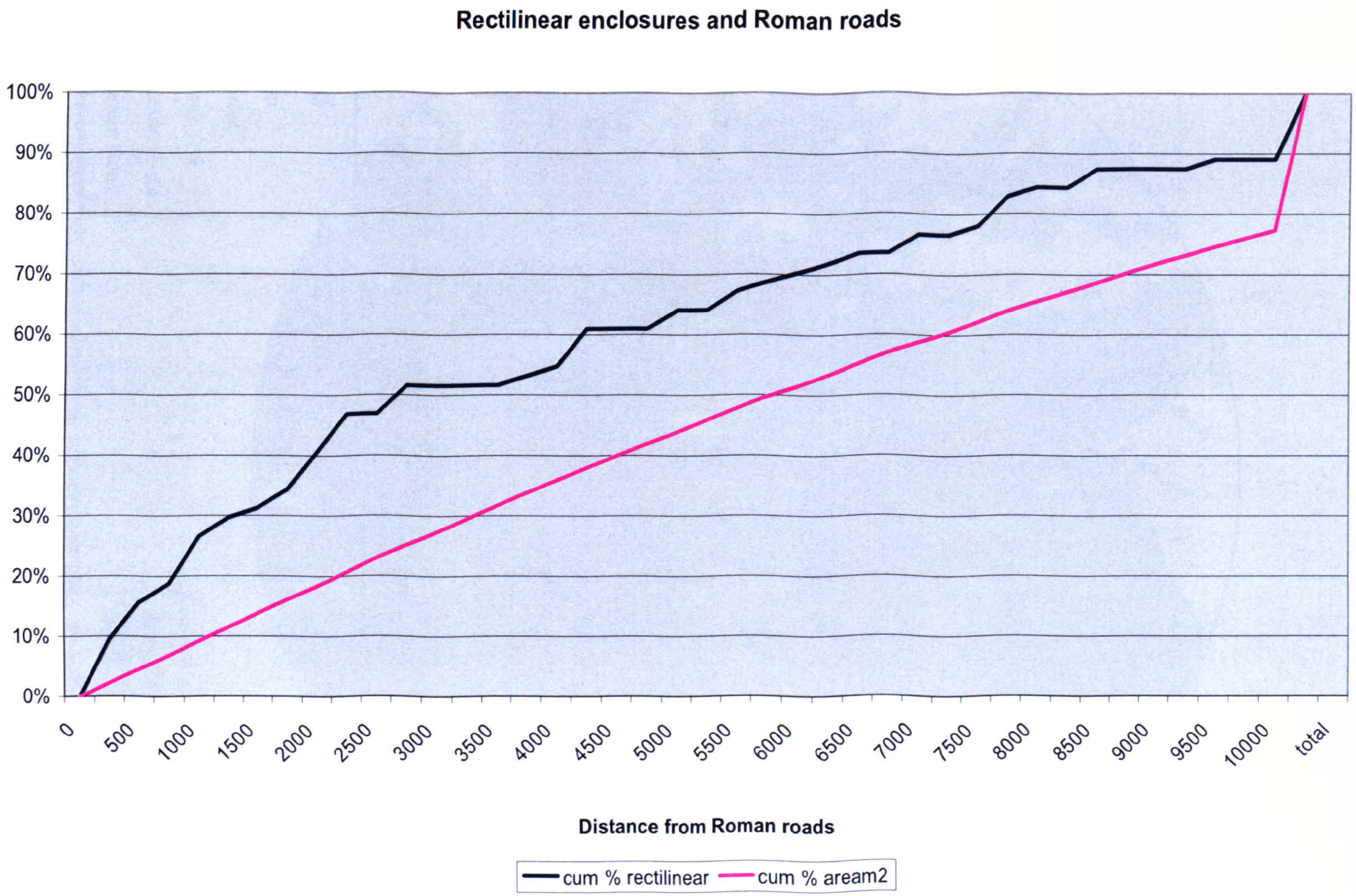


Figure 6-20 Graph of the difference between the actual distribution of rectilinear enclosures and expected distribution in relation to their distance from Roman roads

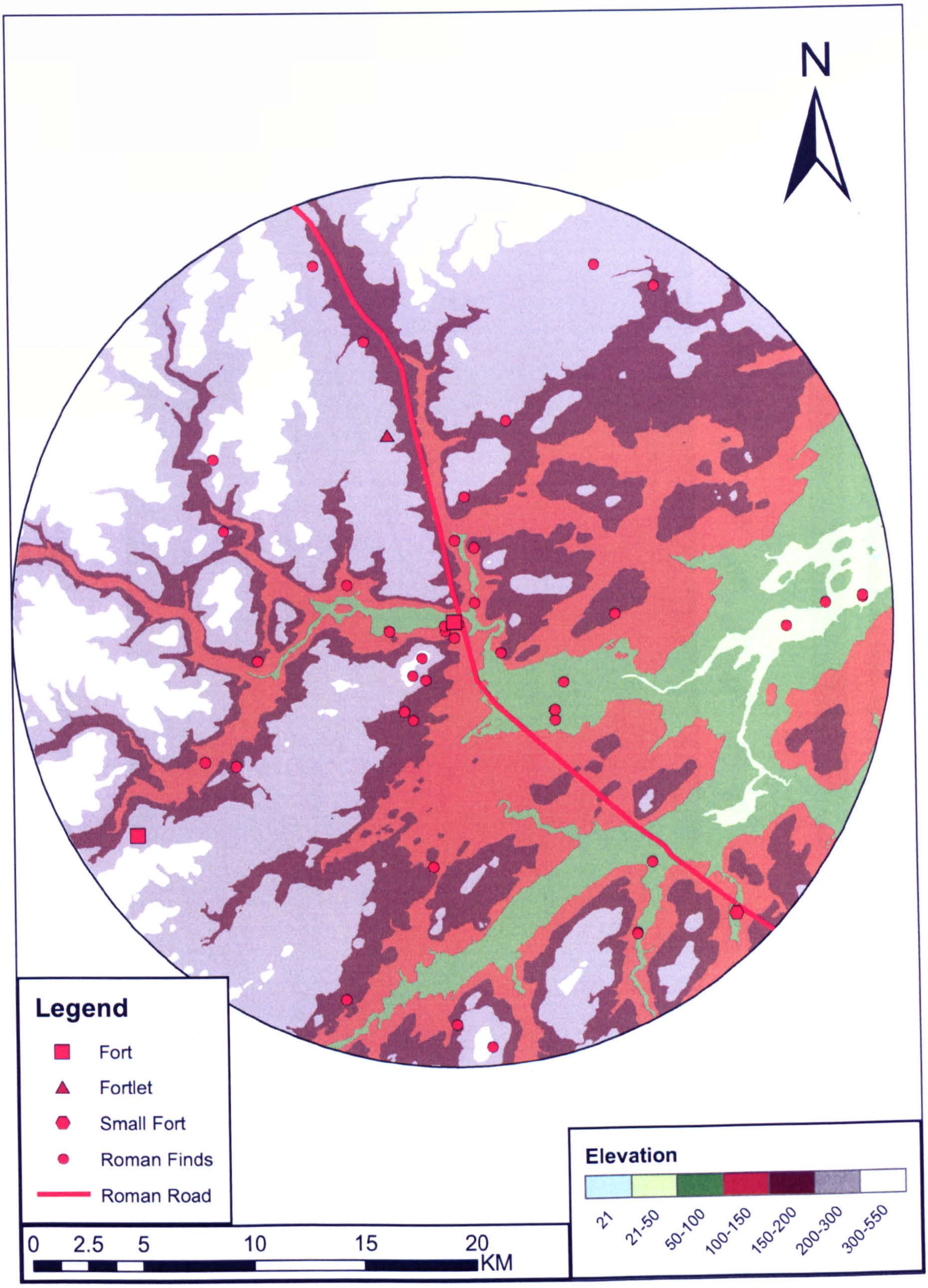


Figure 6-21 Roman finds and infrastructure in the Newstead region

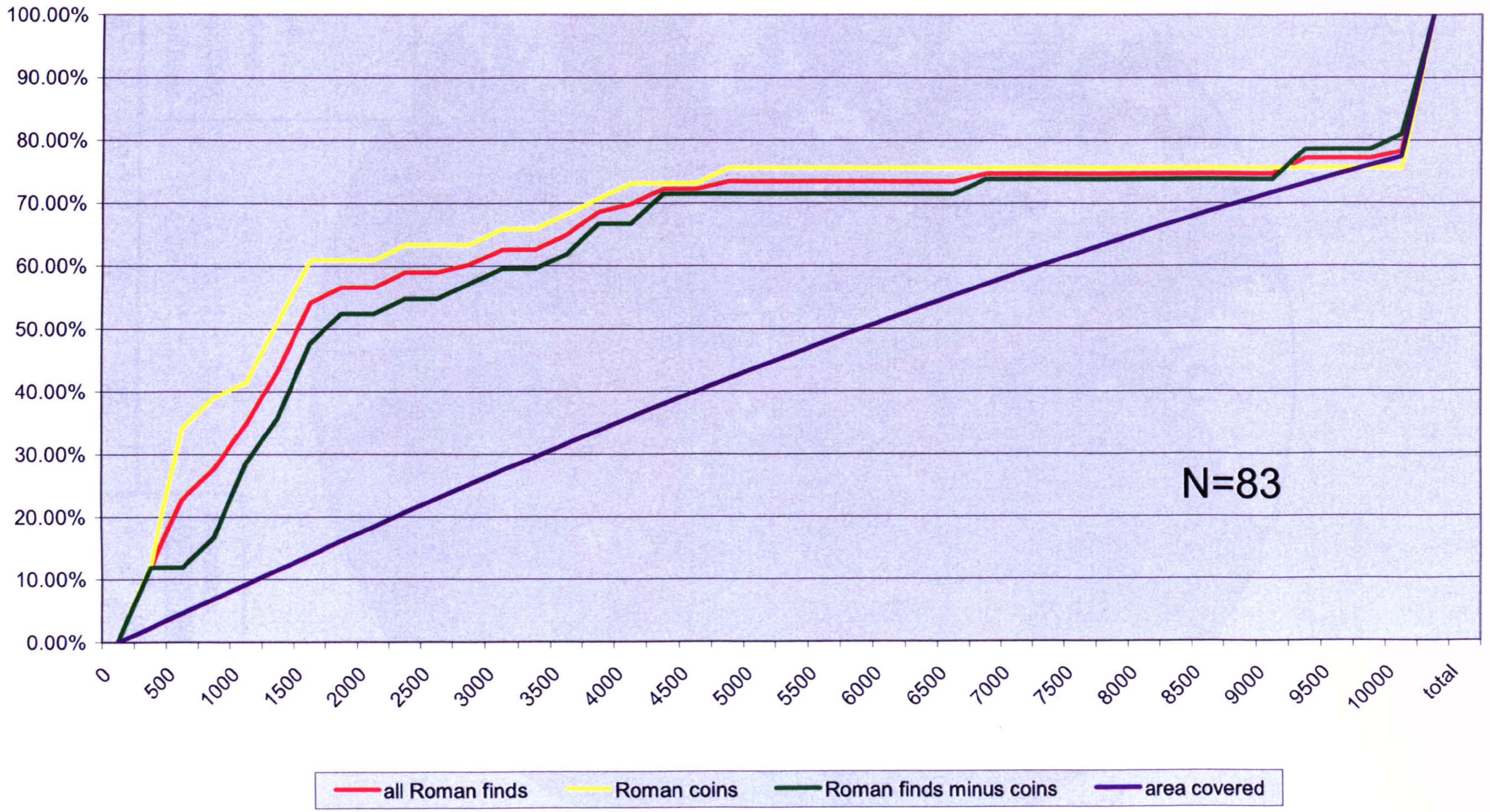


Figure 6-22 Graph of the difference between the actual distribution of Roman finds, coins and expected distribution in relation to their distance from Roman roads

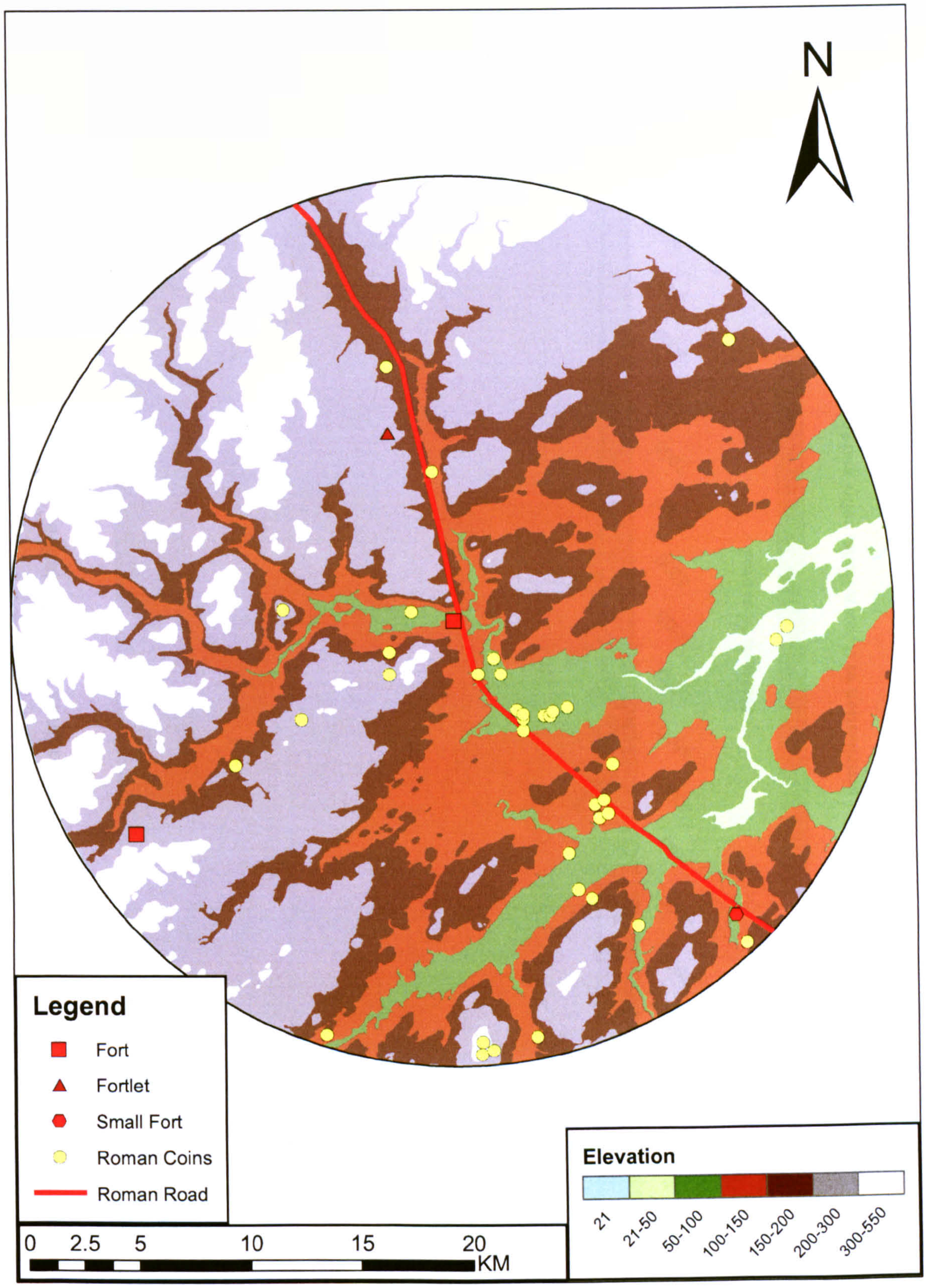


Figure 6-23 Roman coins and infrastructure in the Newstead region

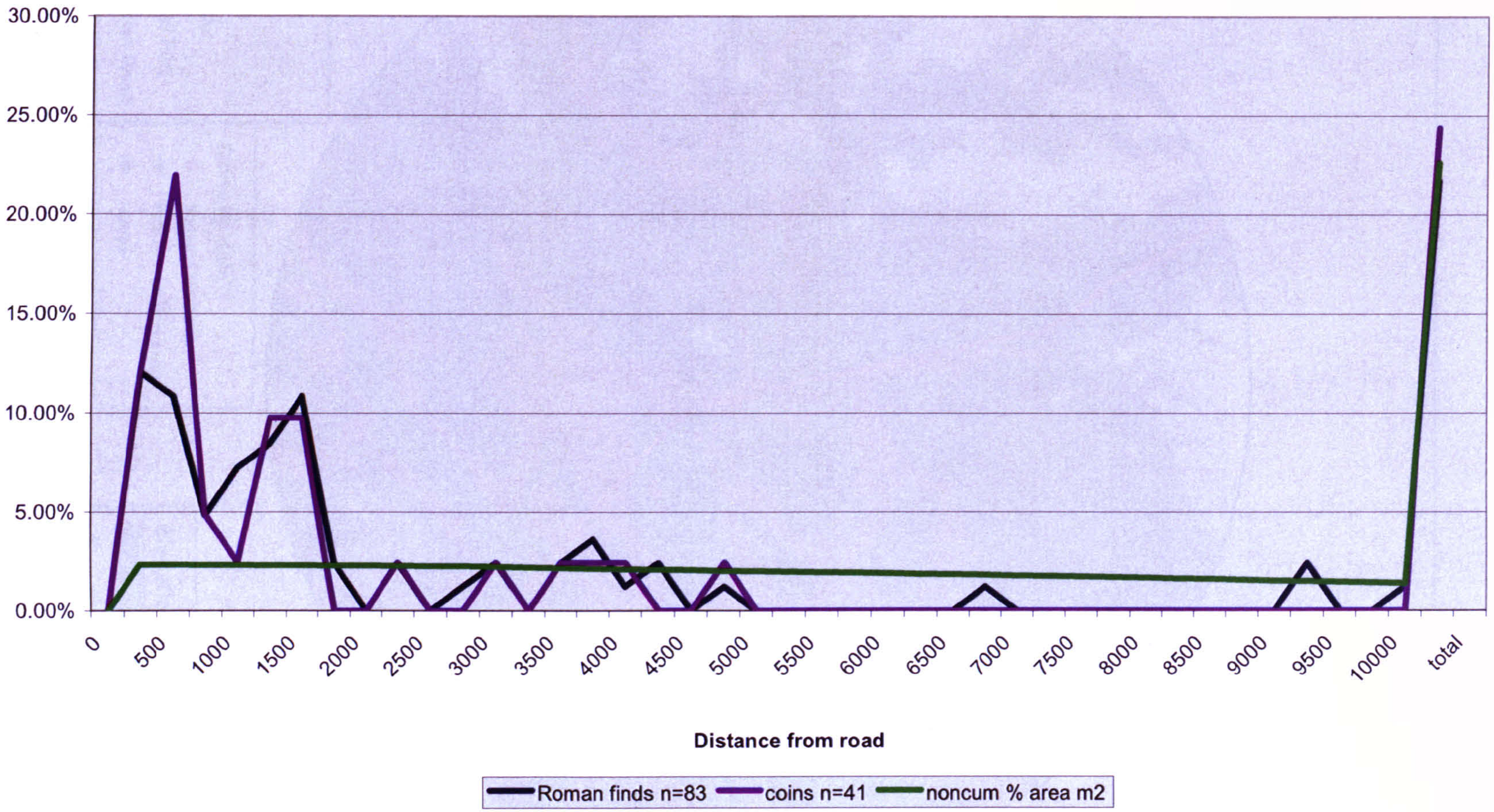


Figure 6-24 Non-cumulative graph of the difference between the actual distribution of Roman finds, coins and the expected distribution in relation to their distance from Roman roads

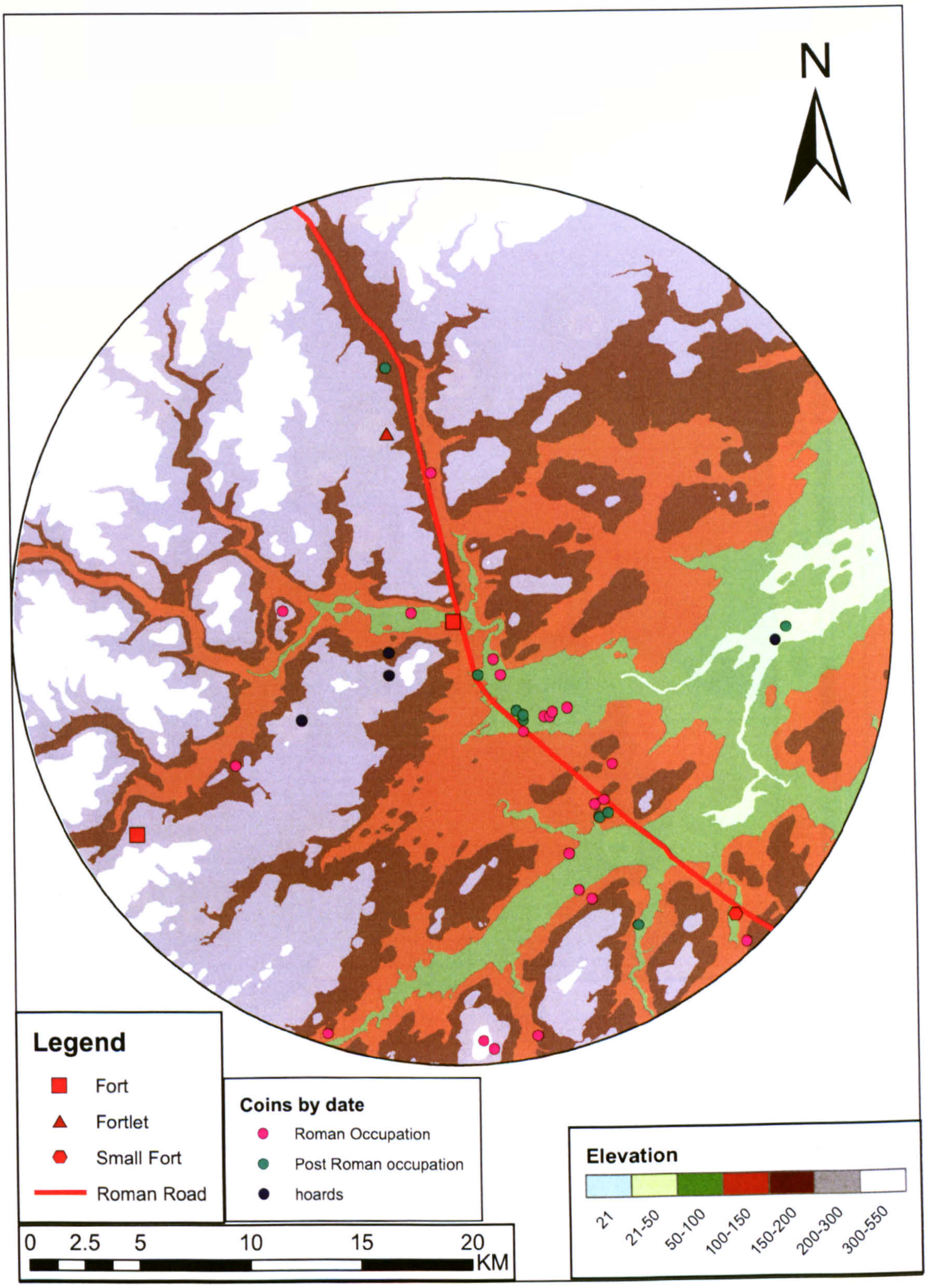


Figure 6-25 Distribution of Roman coins in relation to their date

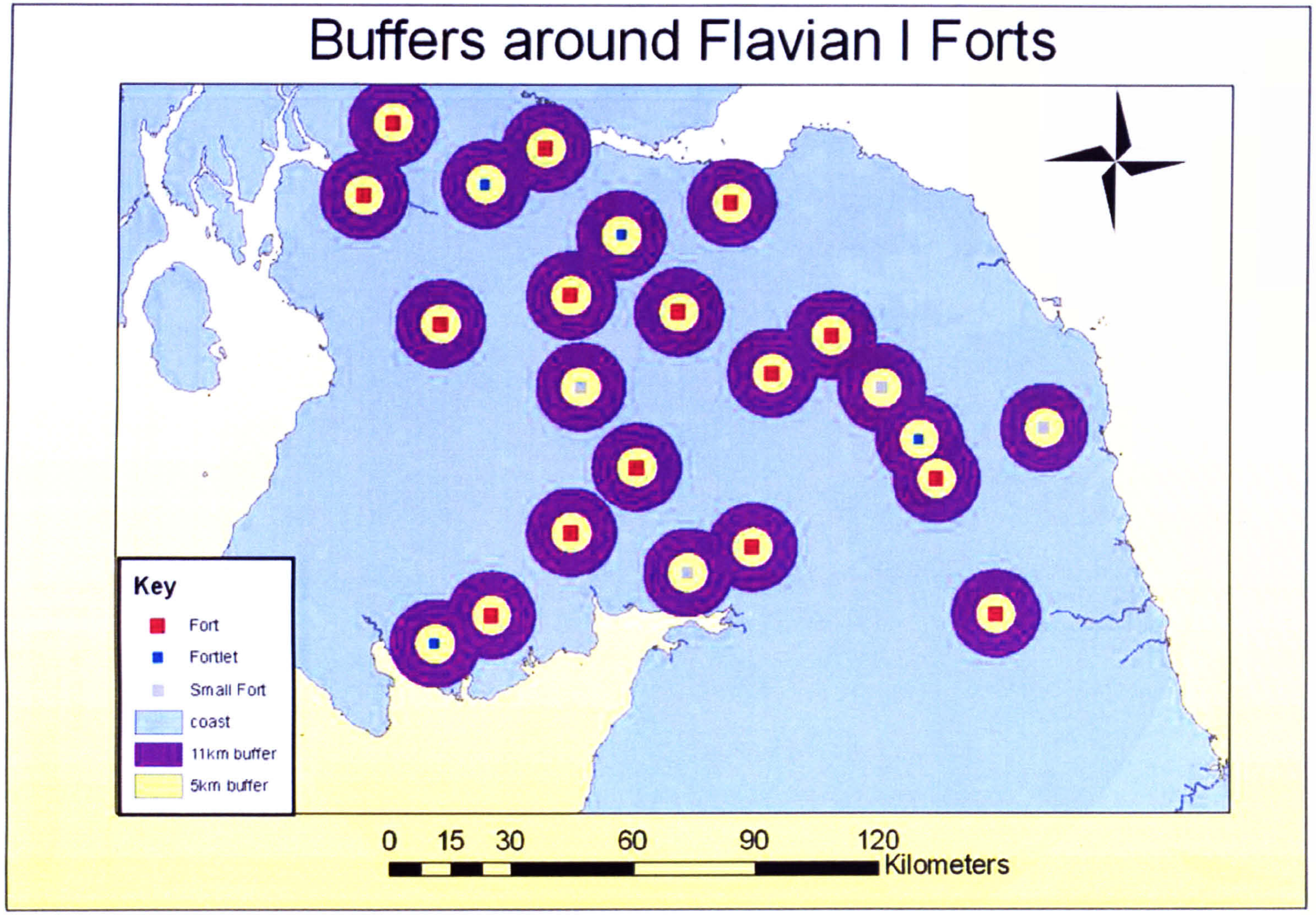


Figure 6-26 Buffers around Flavian forts in southern Scotland indicating their possible spheres of influence

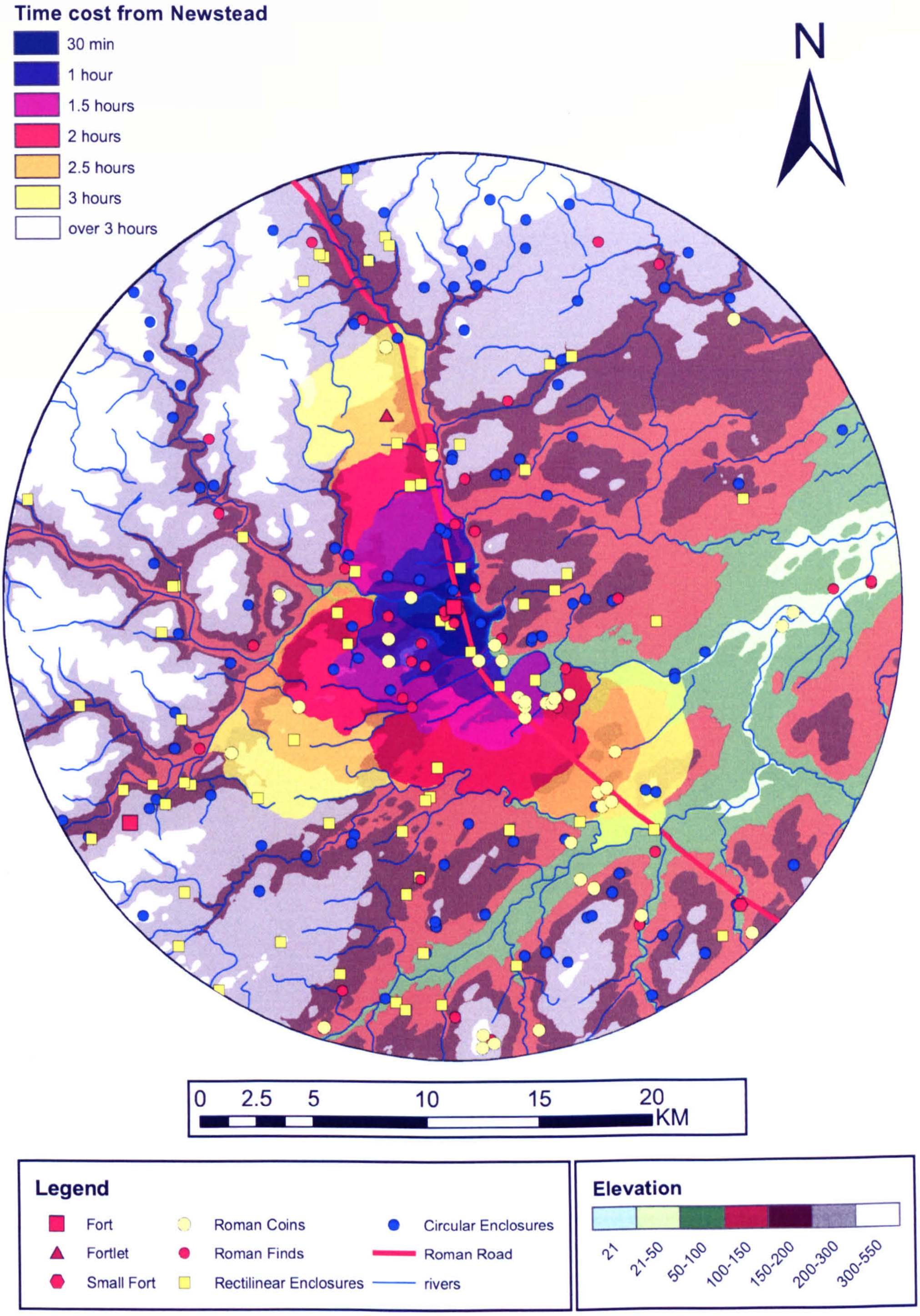


Figure 6-27 Roman finds and settlement in relation to the time cost surface

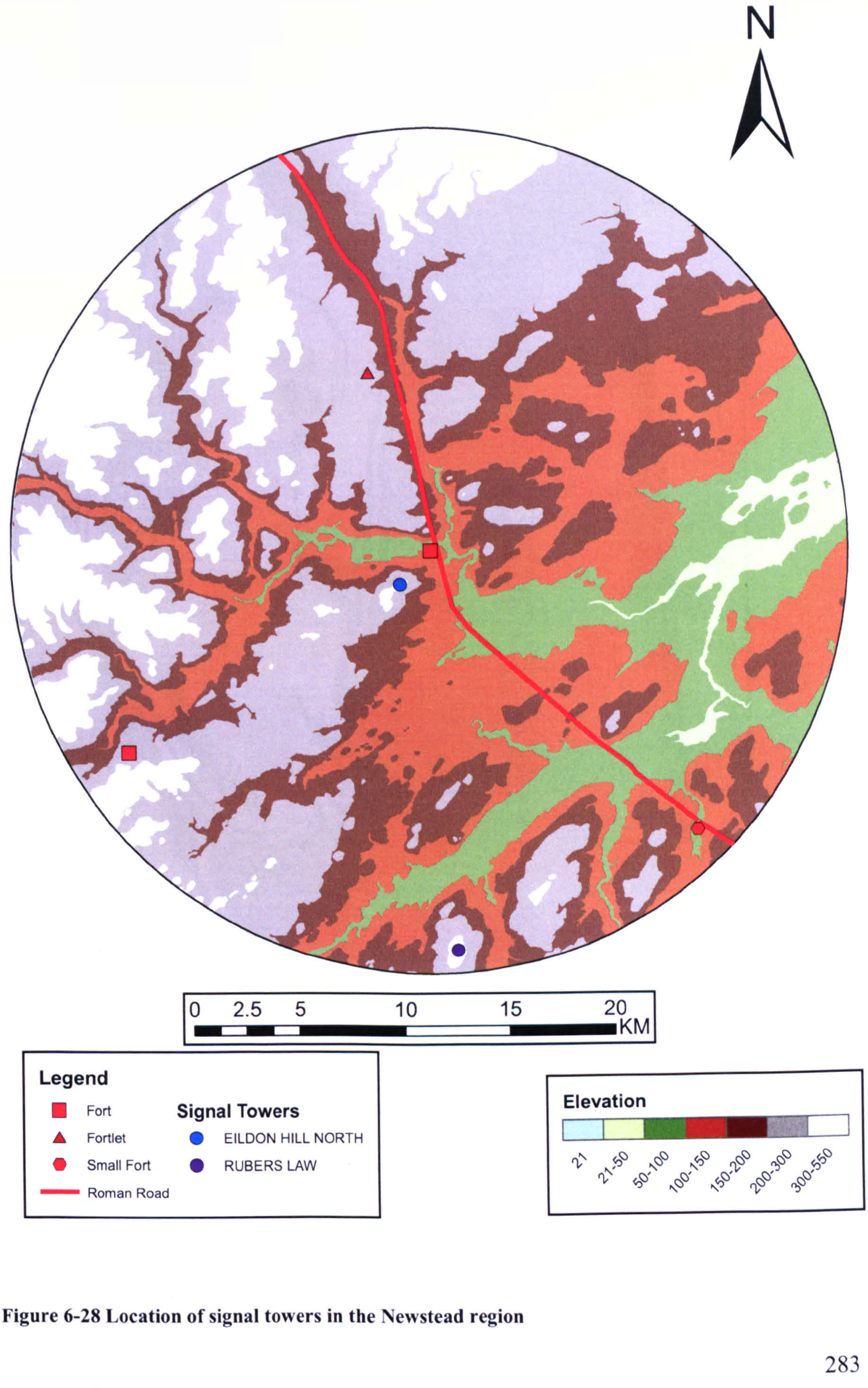


Figure 6-28 Location of signal towers in the Newstead region

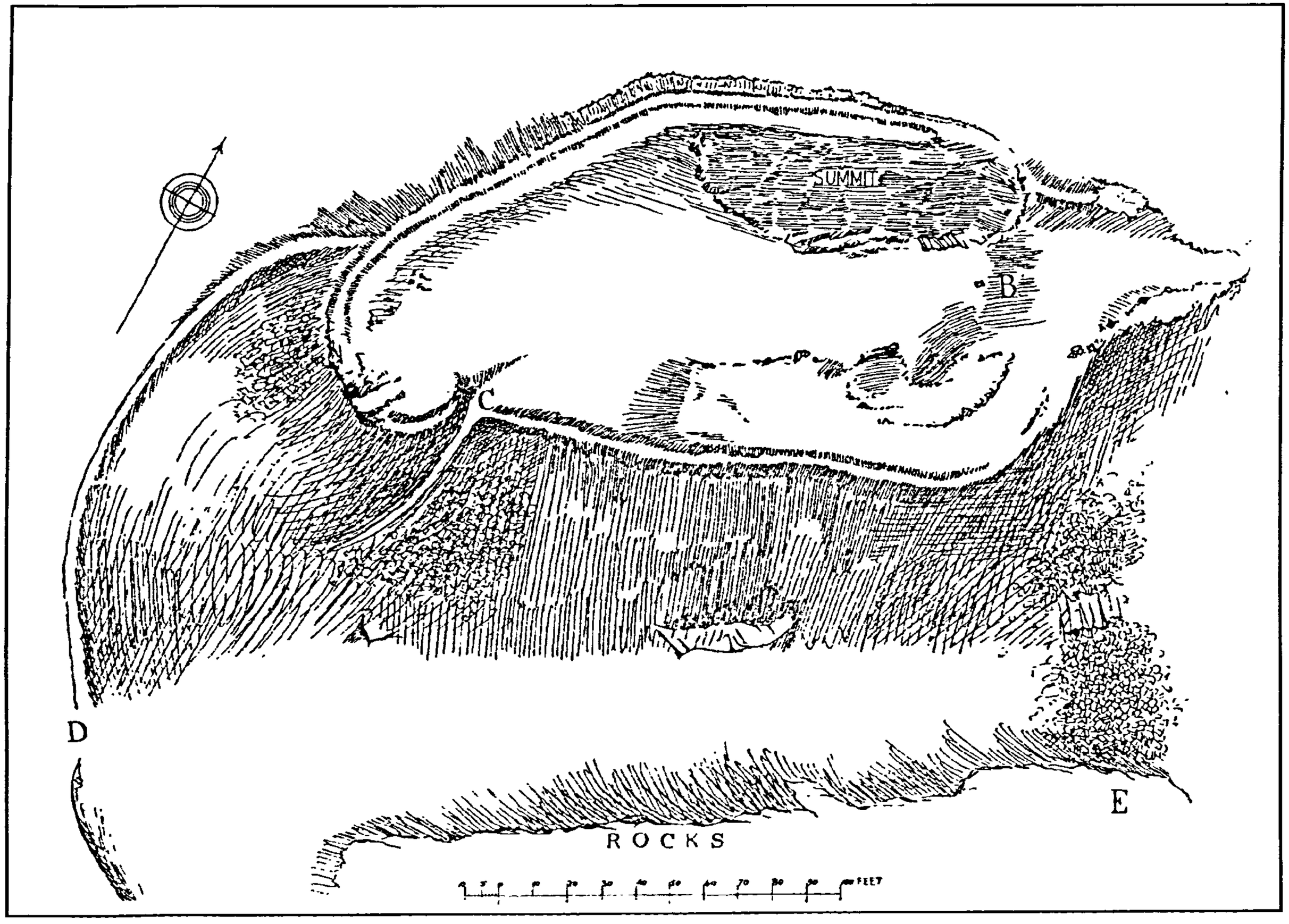


Figure 6-29 Plan of Rubers Law

After Curle 1905

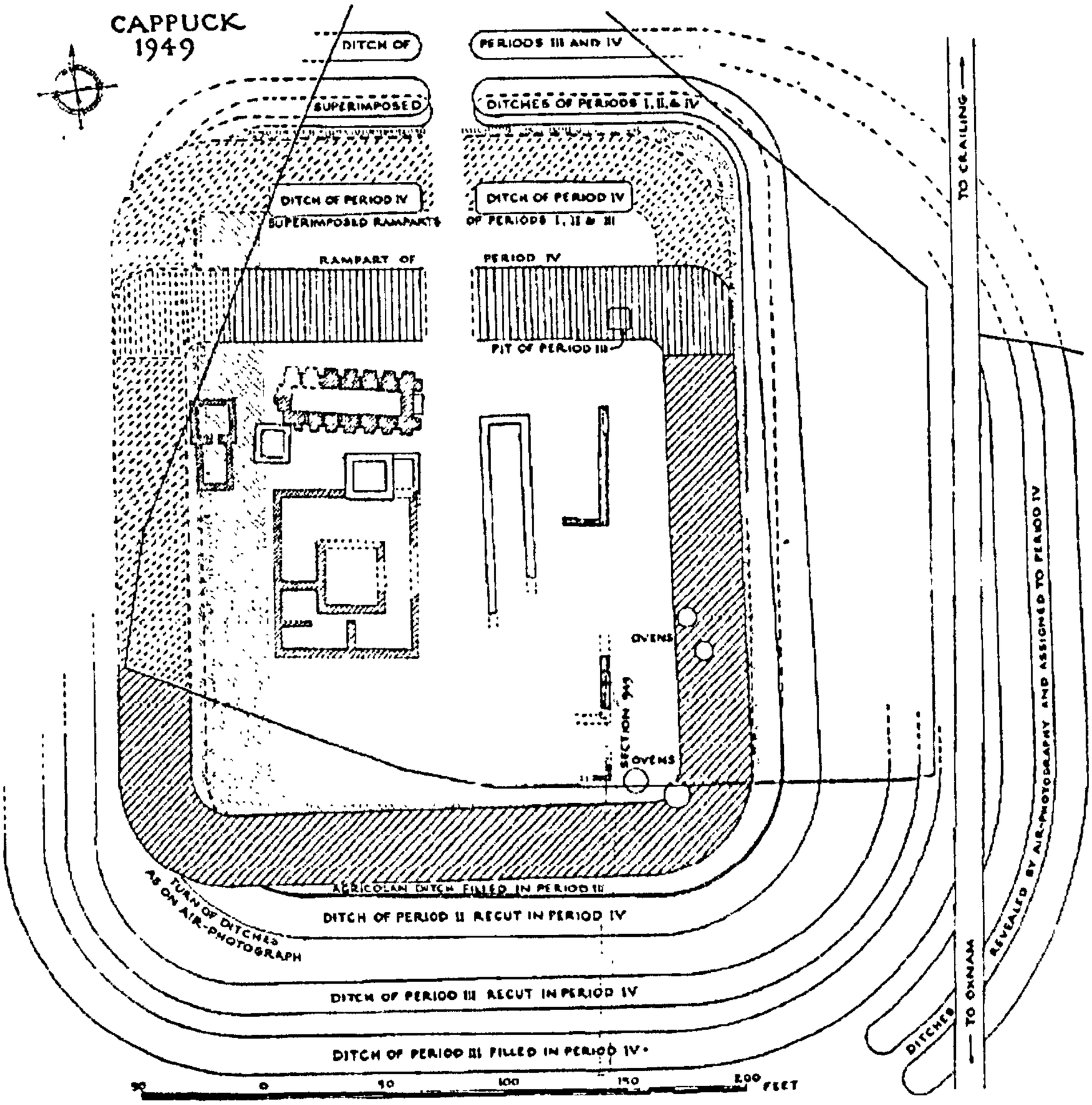


Figure 6-30 Plan of Cappuck

After Richmond 1951, p. 140

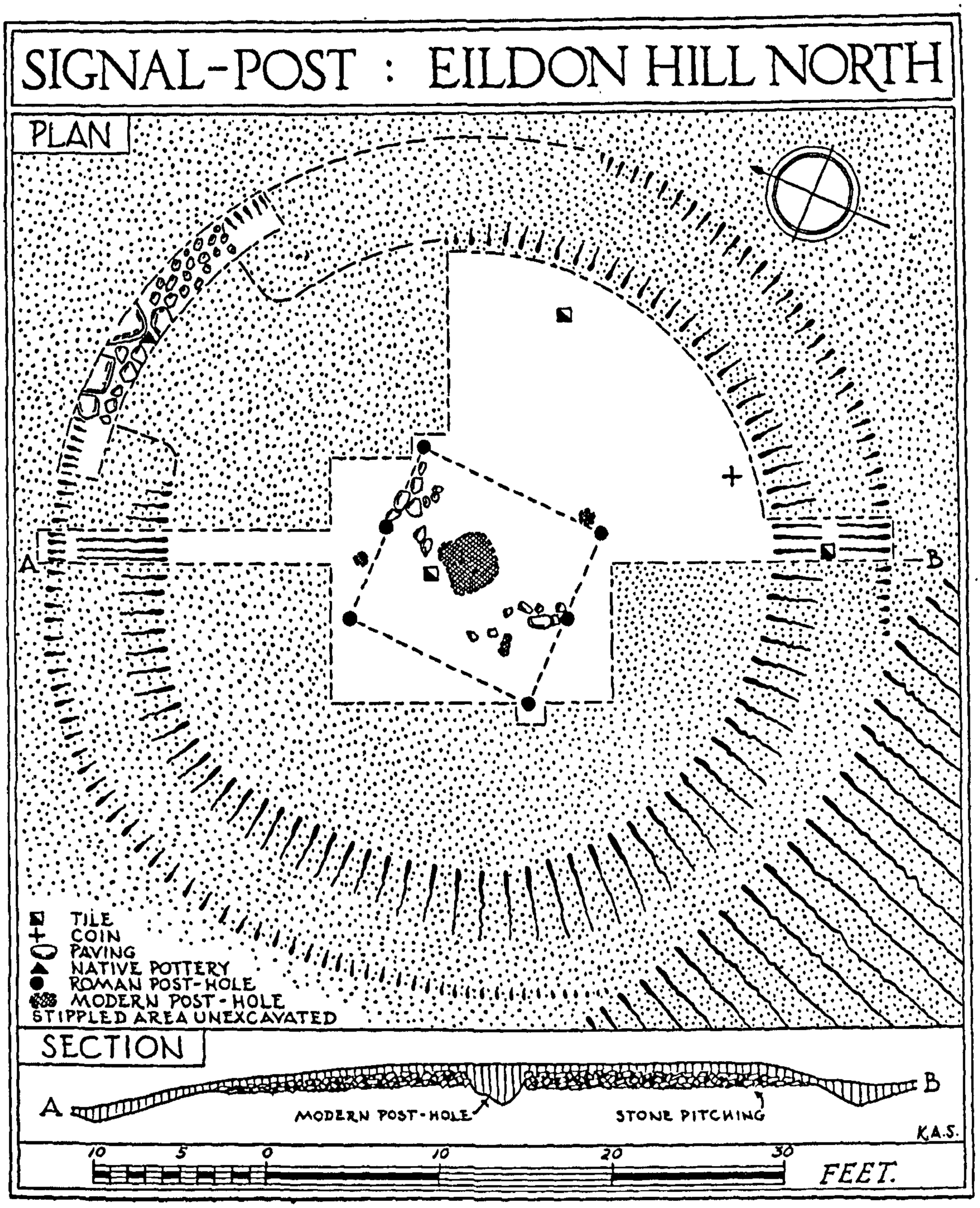


Figure 6-31 Plan of the signal tower at Eildon Hill North

After Steer & Feachem 1953, p. 204

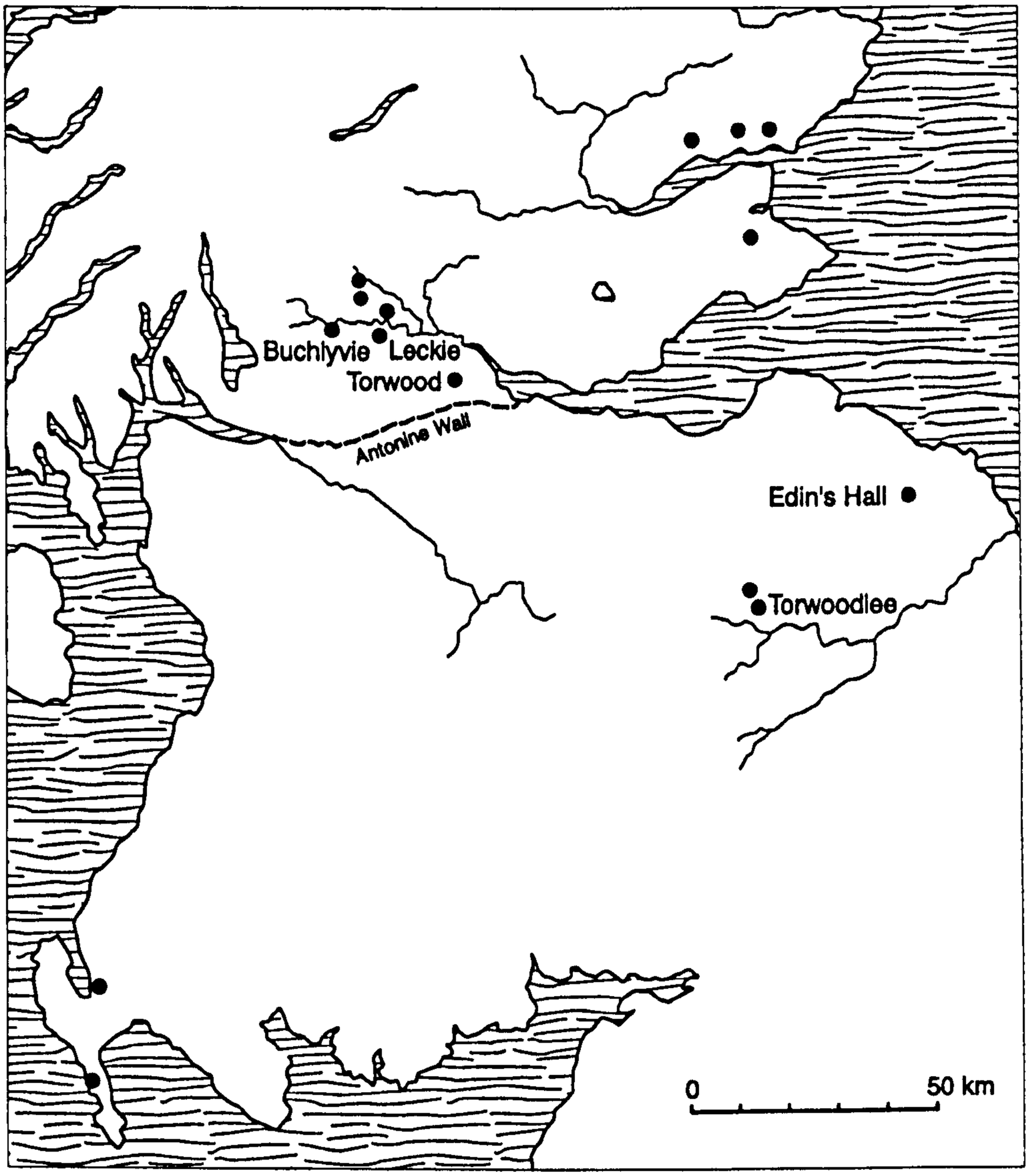


Figure 6-32 Distribution of Broch settlement in lowland Scotland

After Armit 2003, p. 120

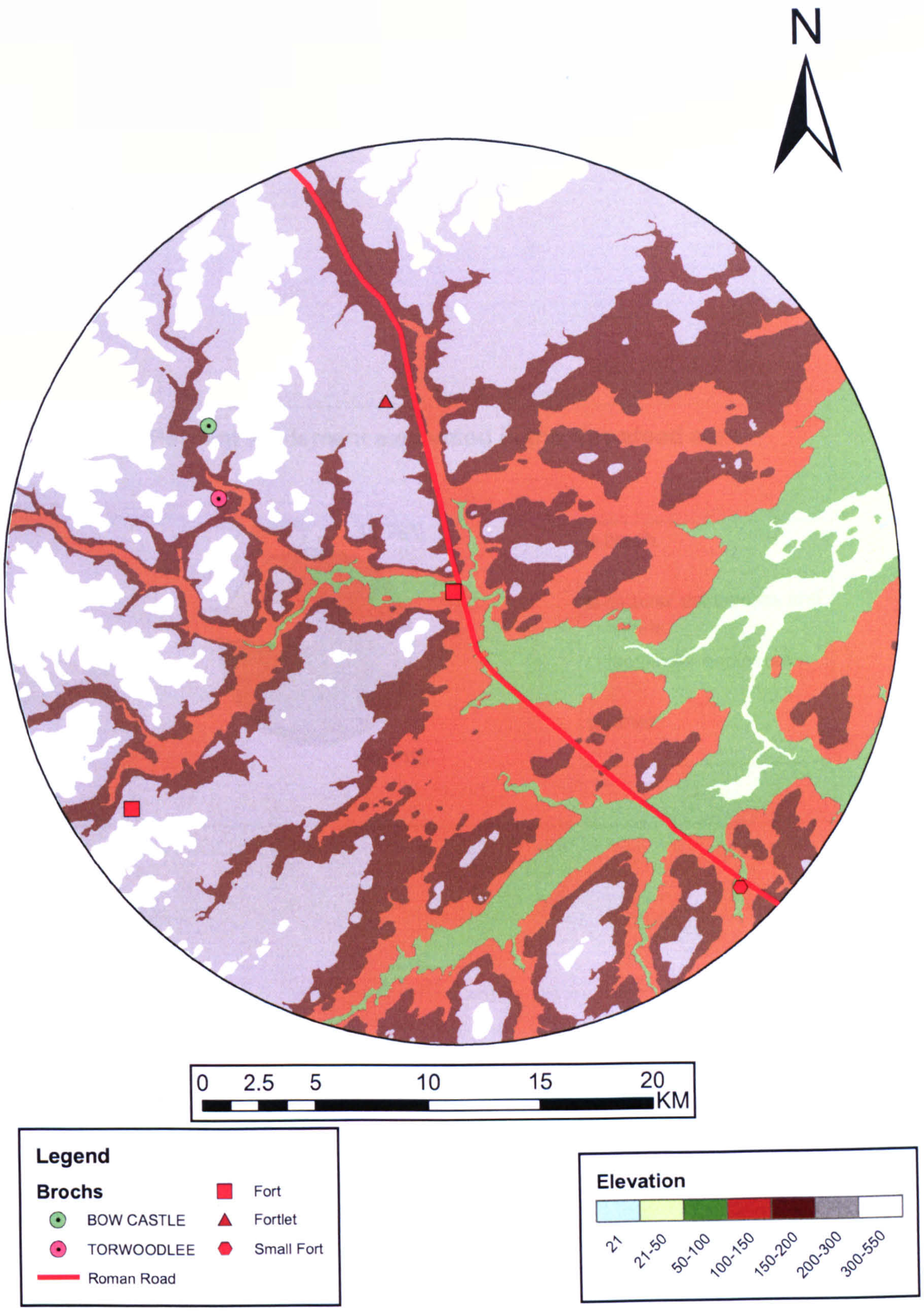


Figure 6-33 Location of Torwoodlee and Bow Castle

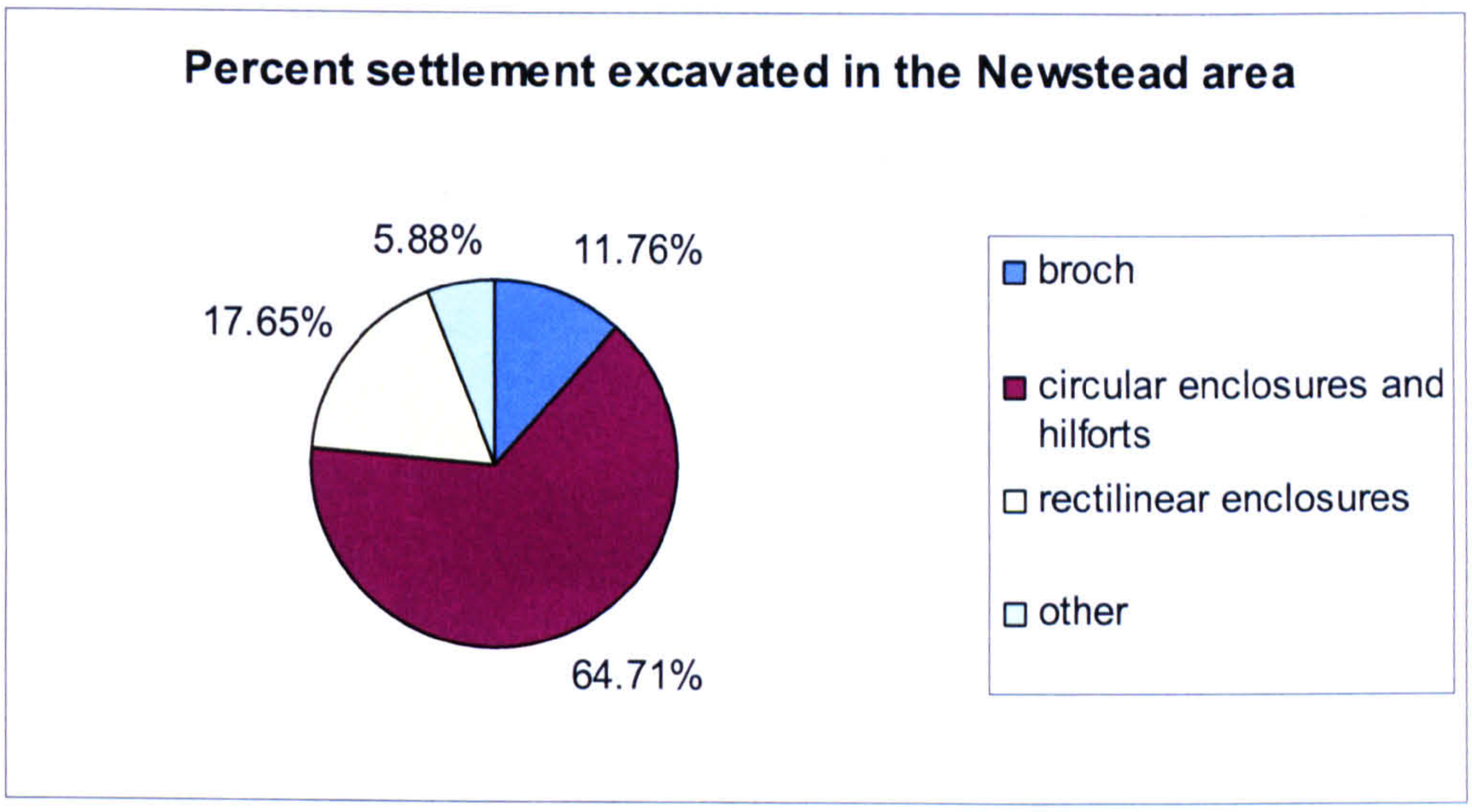


Figure 6-34 Percentage of settlement types excavated in the Newstead study area

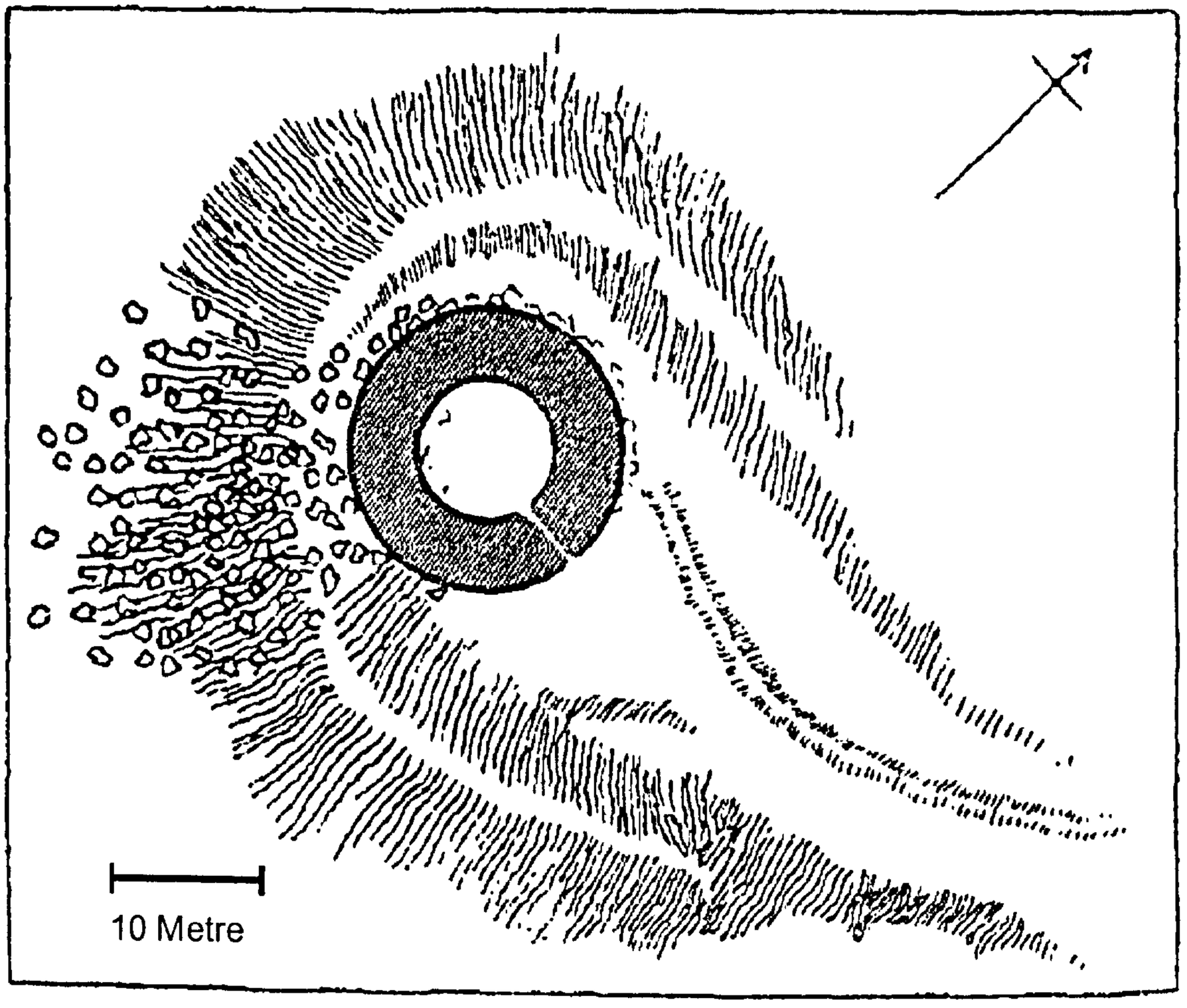
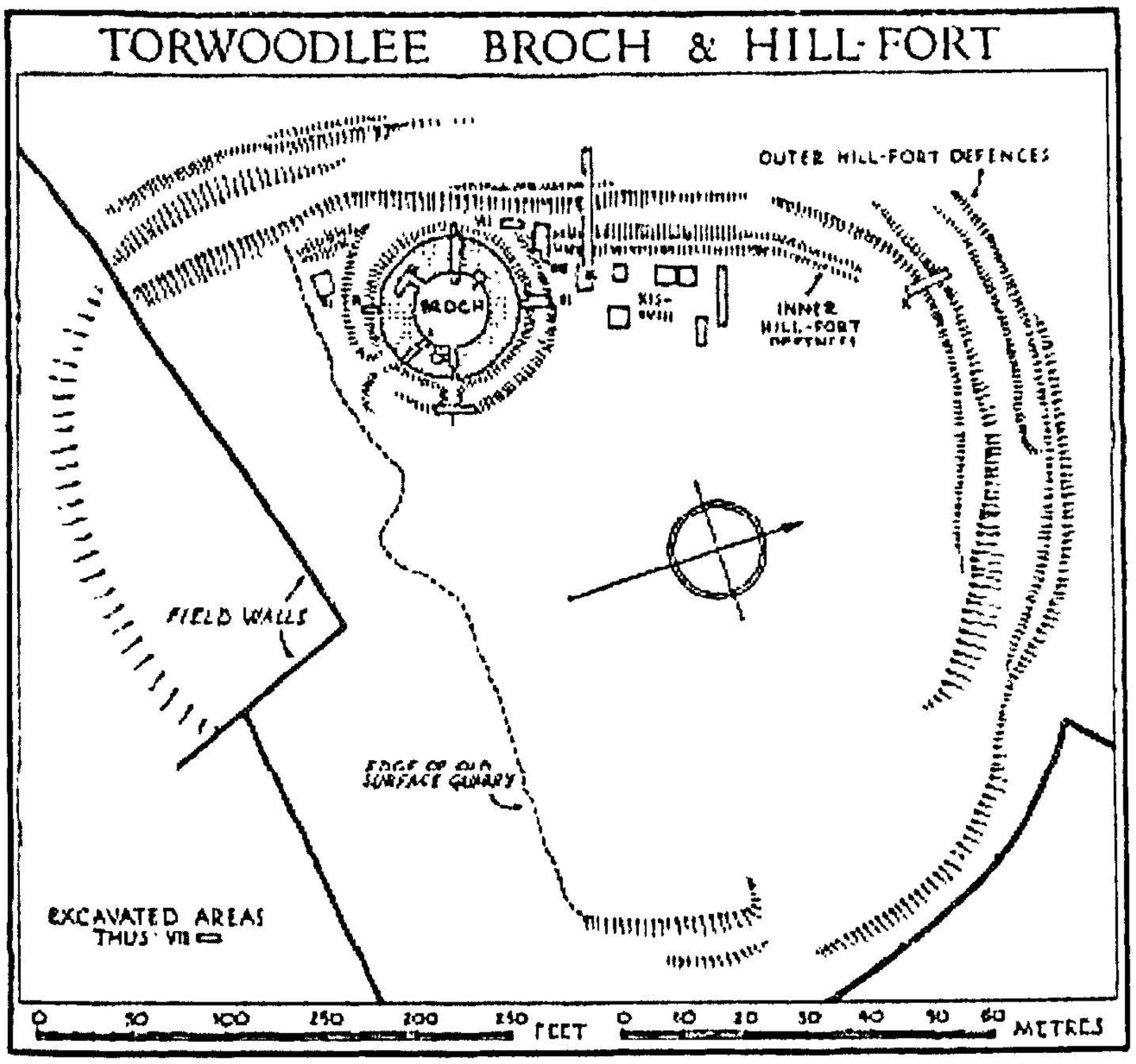


Figure 6-35 Plan of Bow Castle

After Curle 1892, p. 69



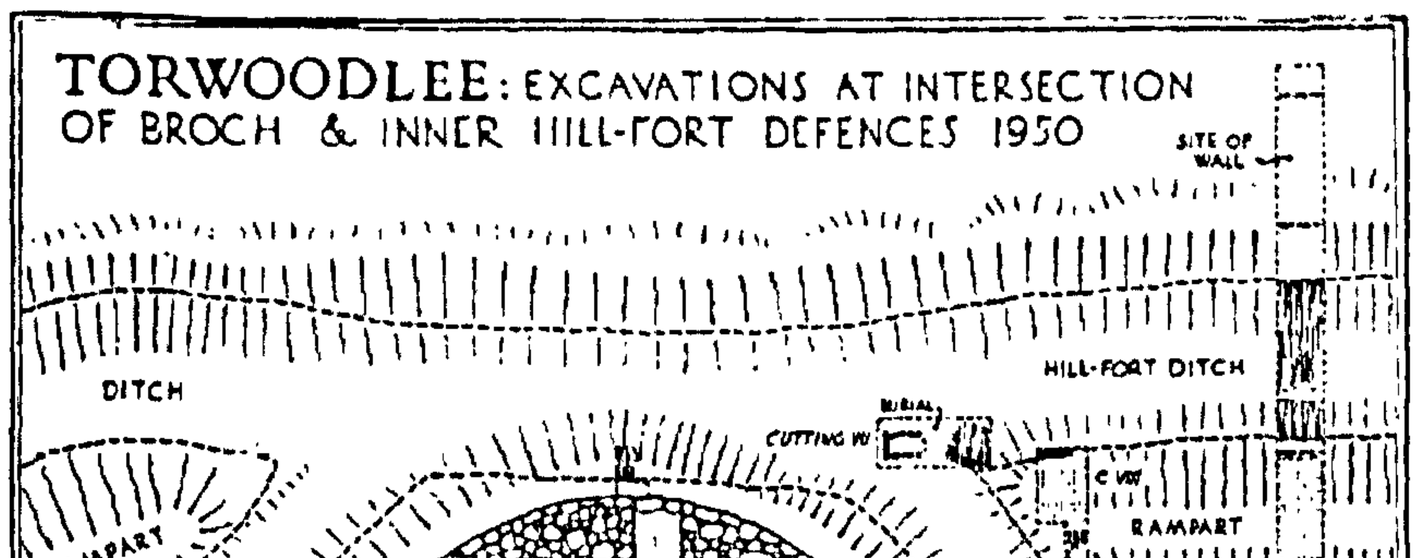


Figure 6-36 Plan of Torwoodlee

After Piggott 1951

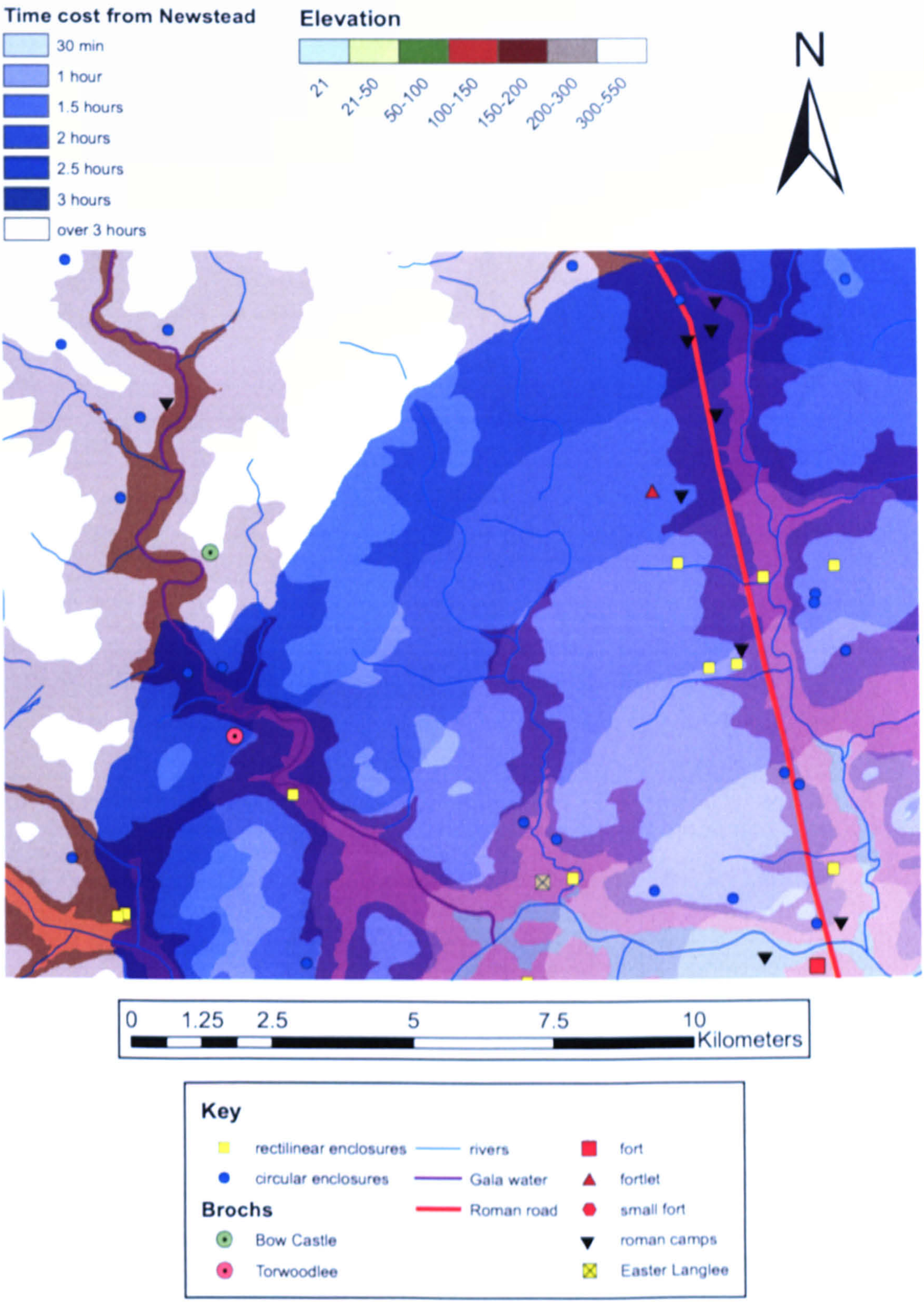


Figure 6-37 Time cost surface for Newstead fort in relation to Gala Water and both broch settlements

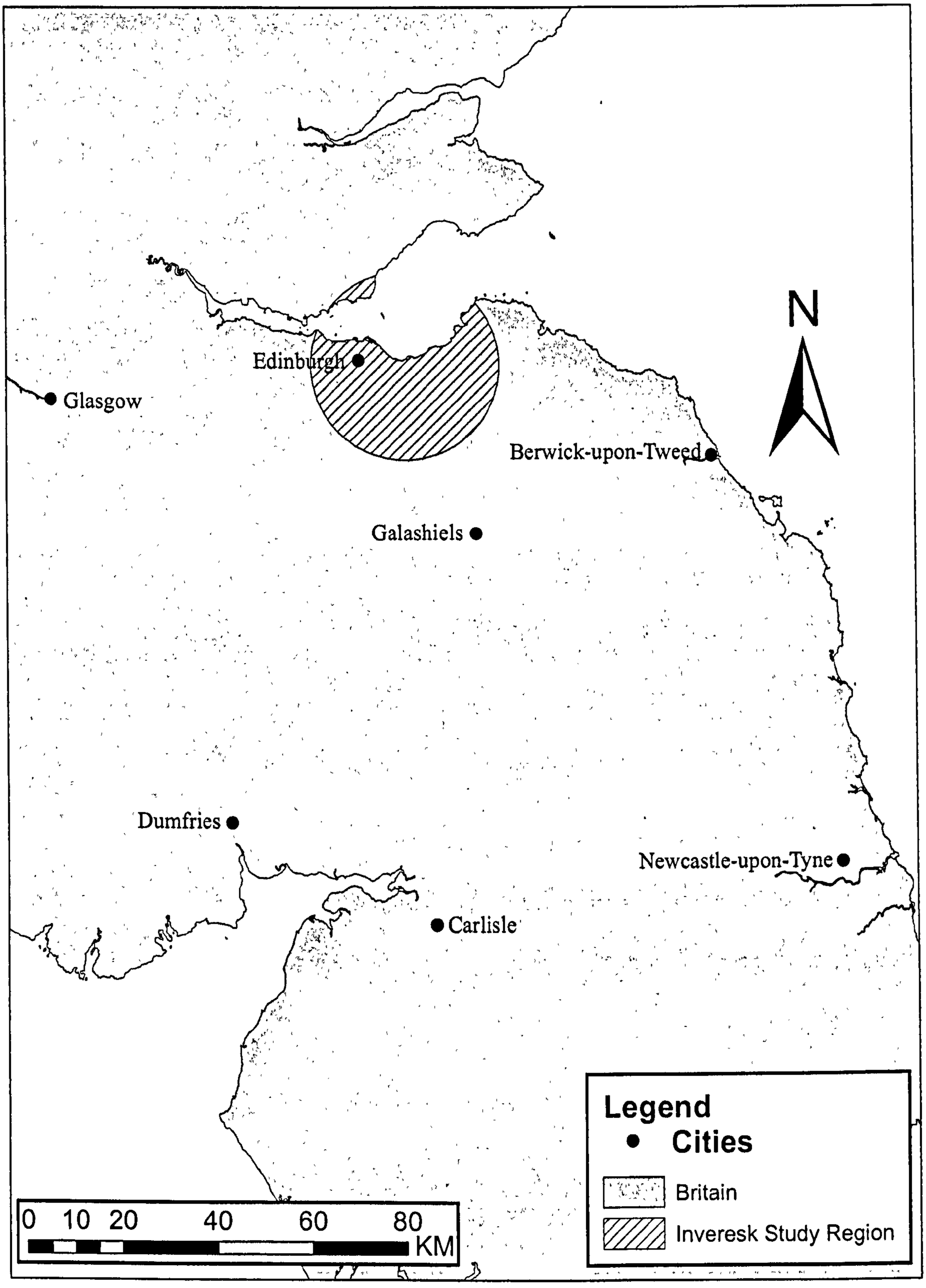


Figure 7-1 The Inveresk study area in regional setting

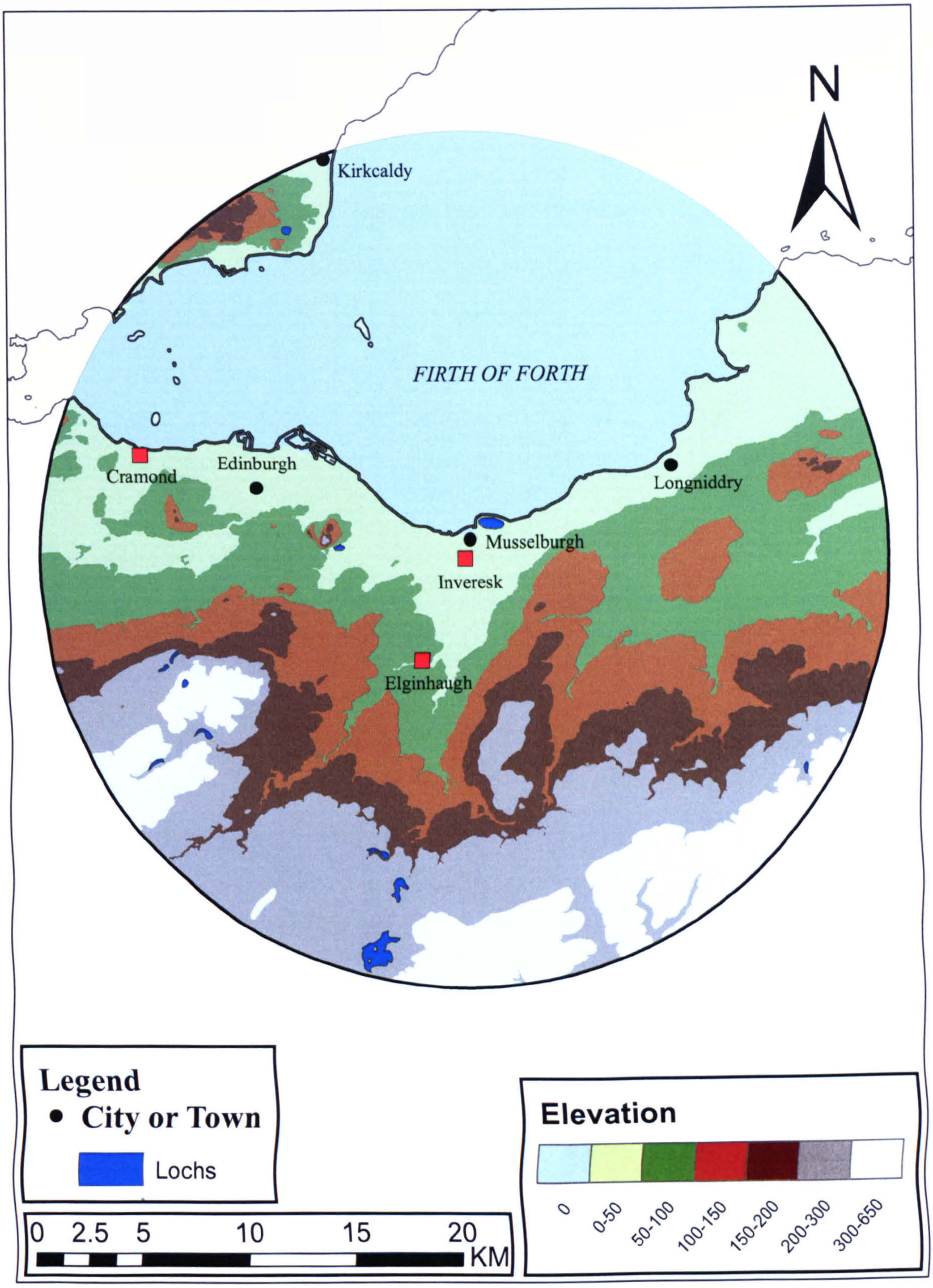


Figure 7-2 The Inveresk study area with topography and modern towns

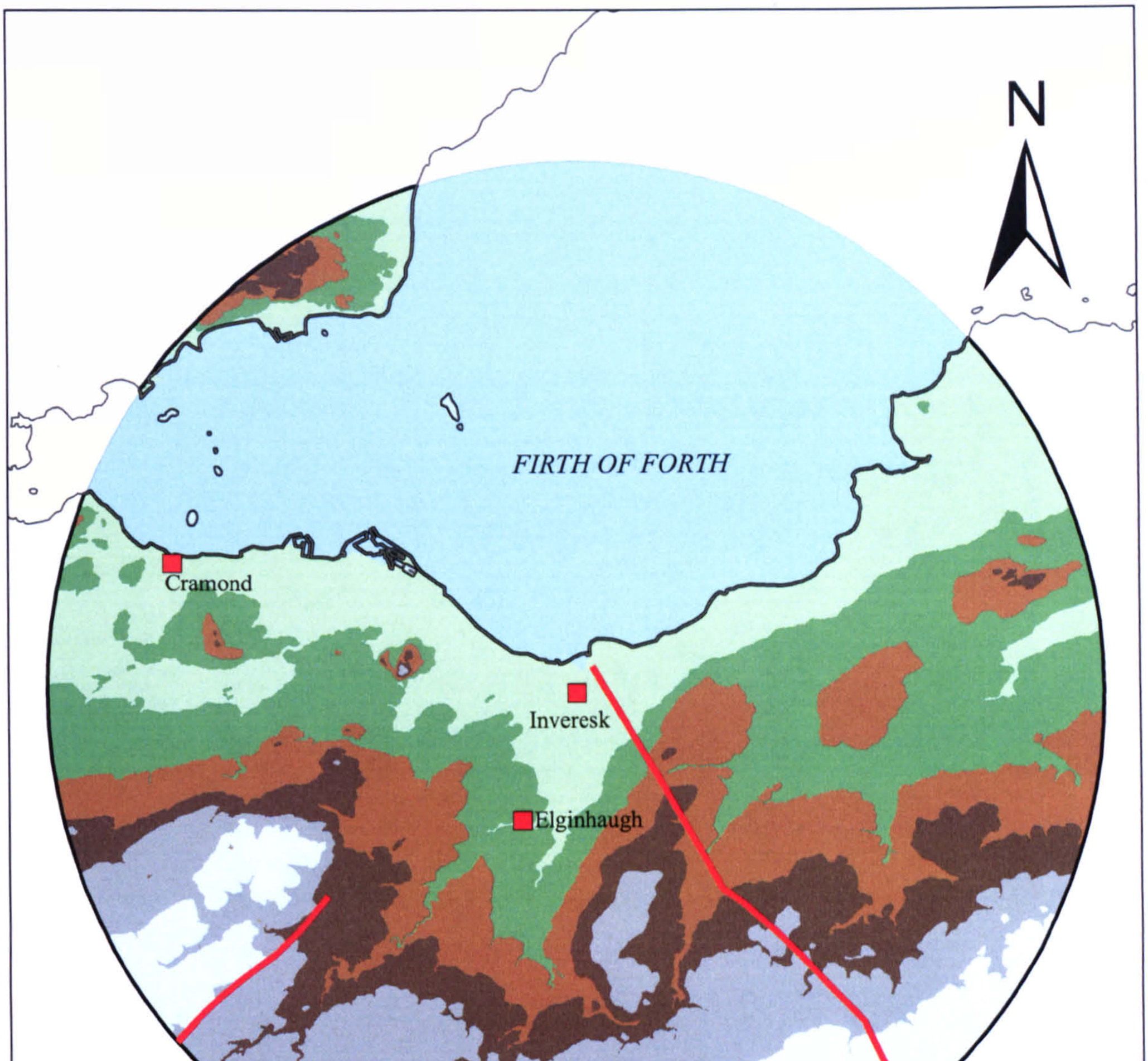


Figure 7-3 Roman Infrastructure in the Inveresk region

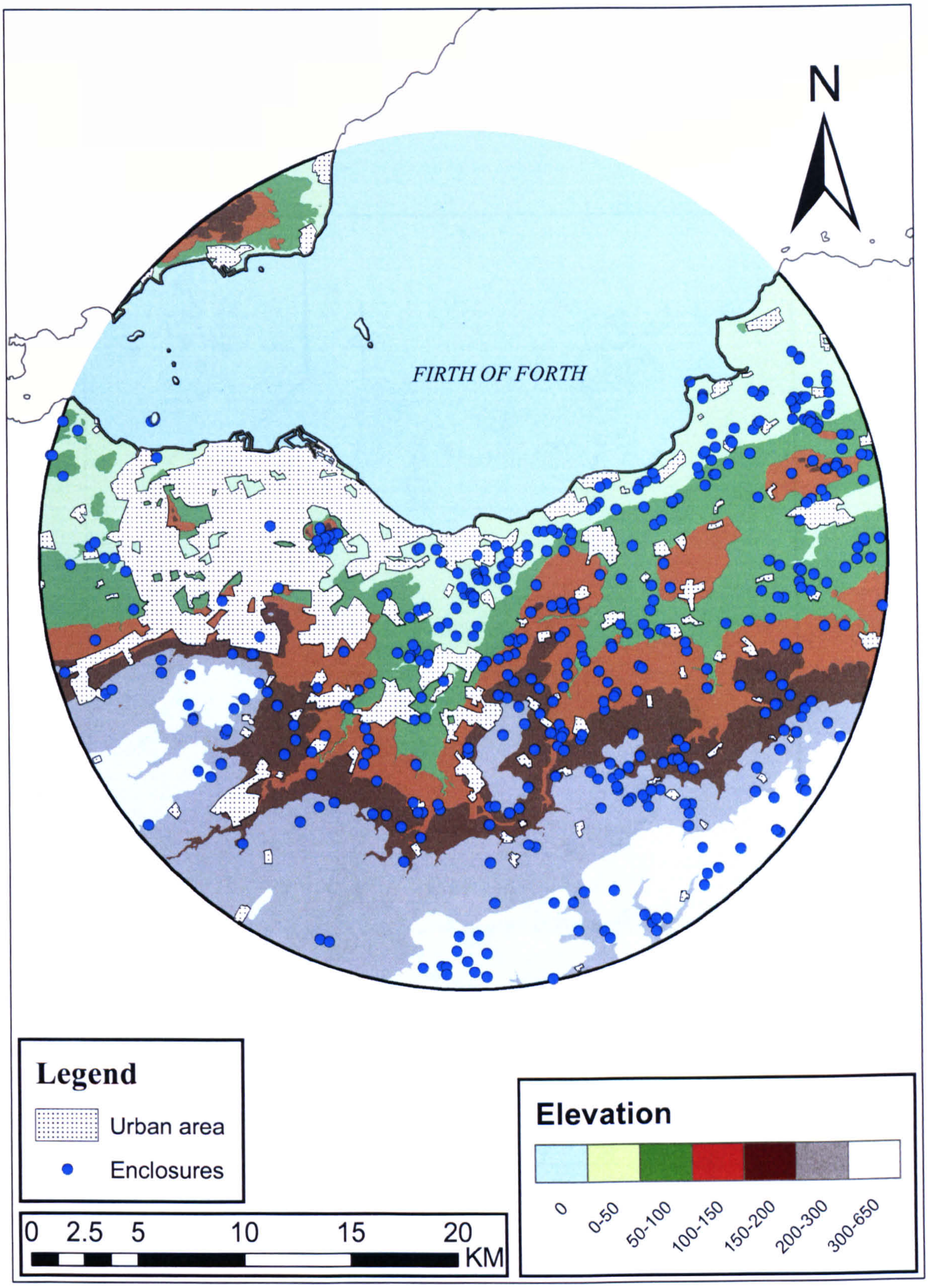


Figure 7-4 Enclosures in relation to urban development in the Inveresk region

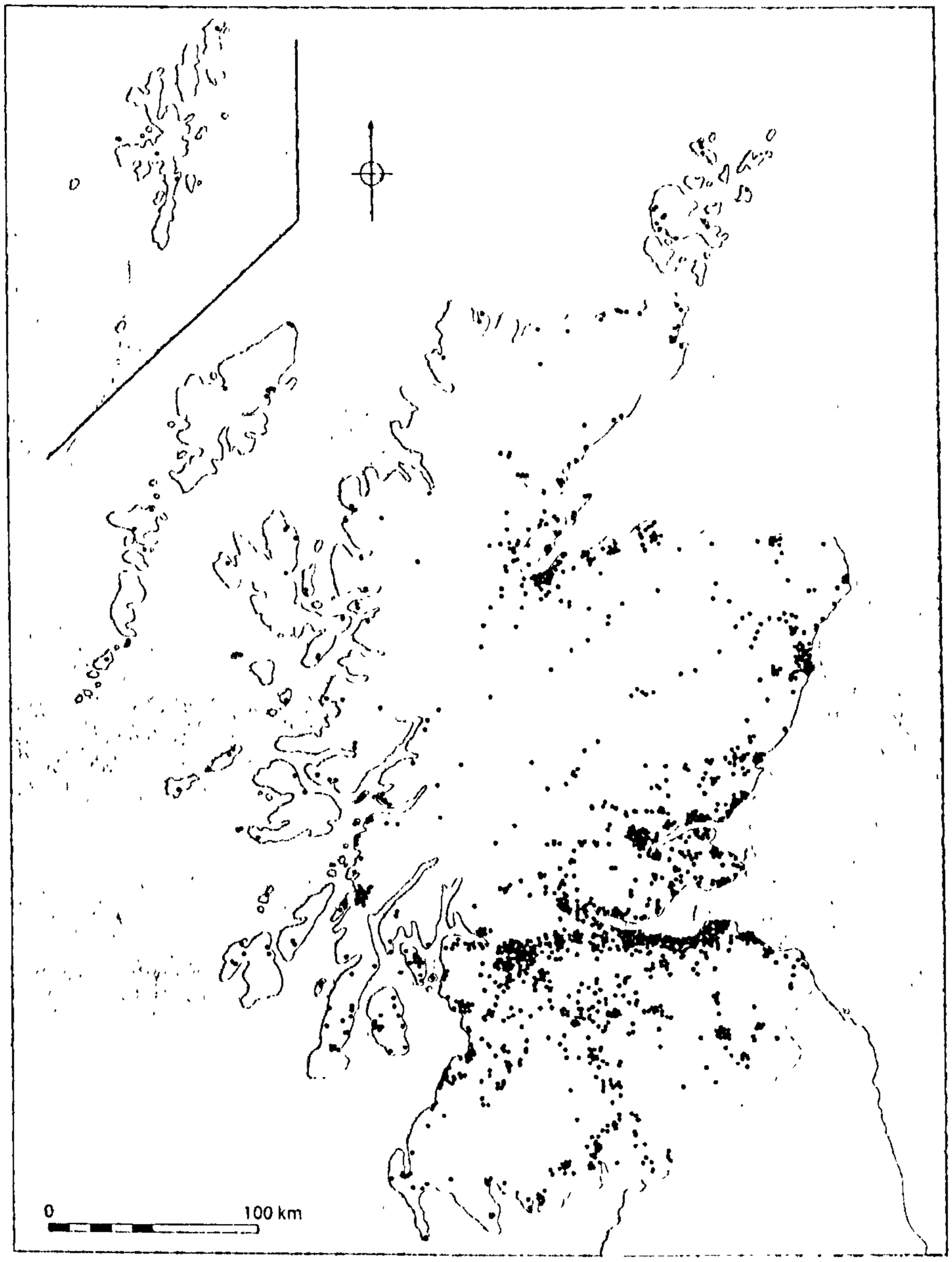


Figure 7-5 The impact of developer funded archaeology in Scotland

After Bradley & Phillips 2004, p. 20

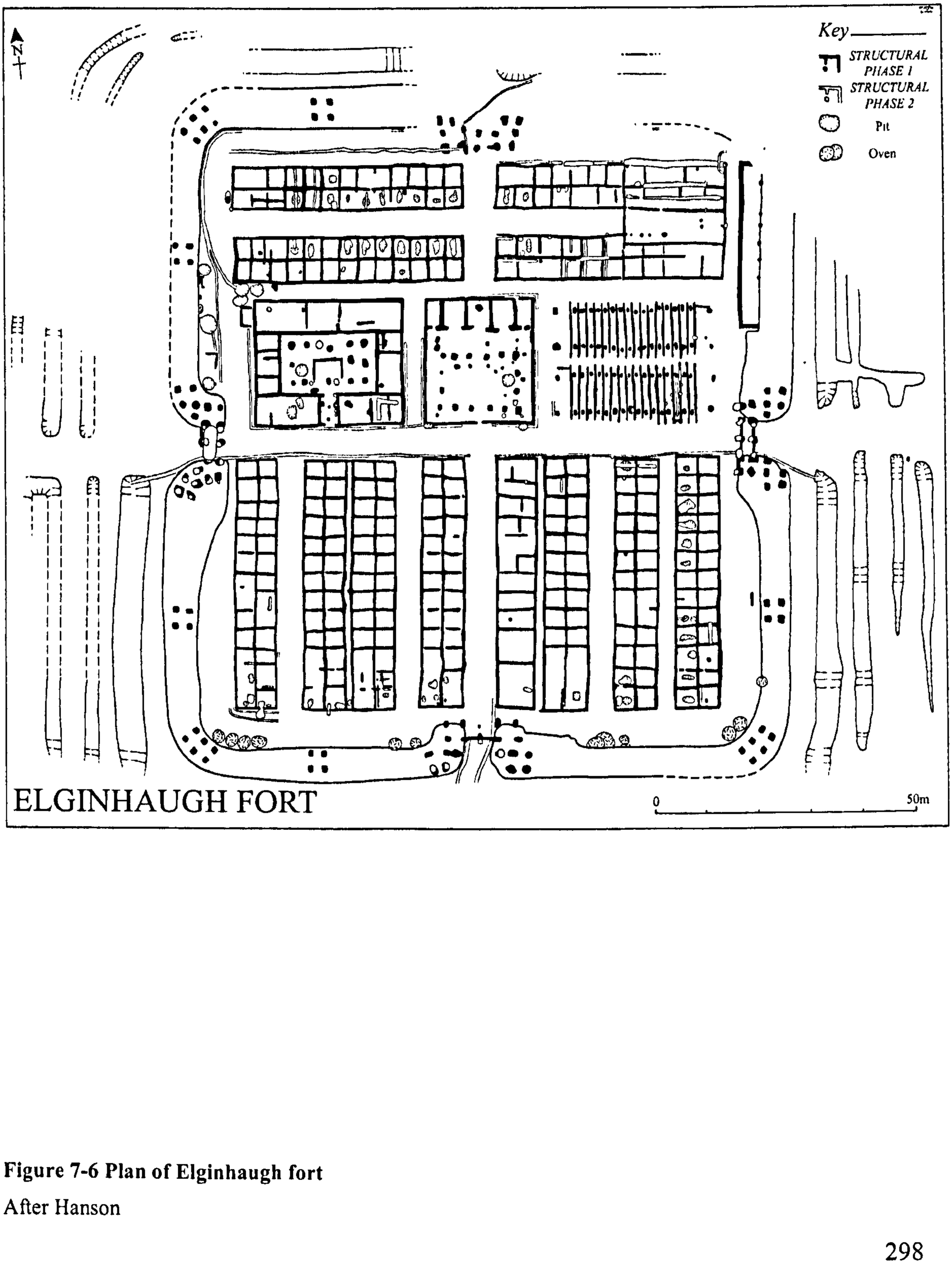


Figure 7-6 Plan of Elginhaugh fort

After Hanson

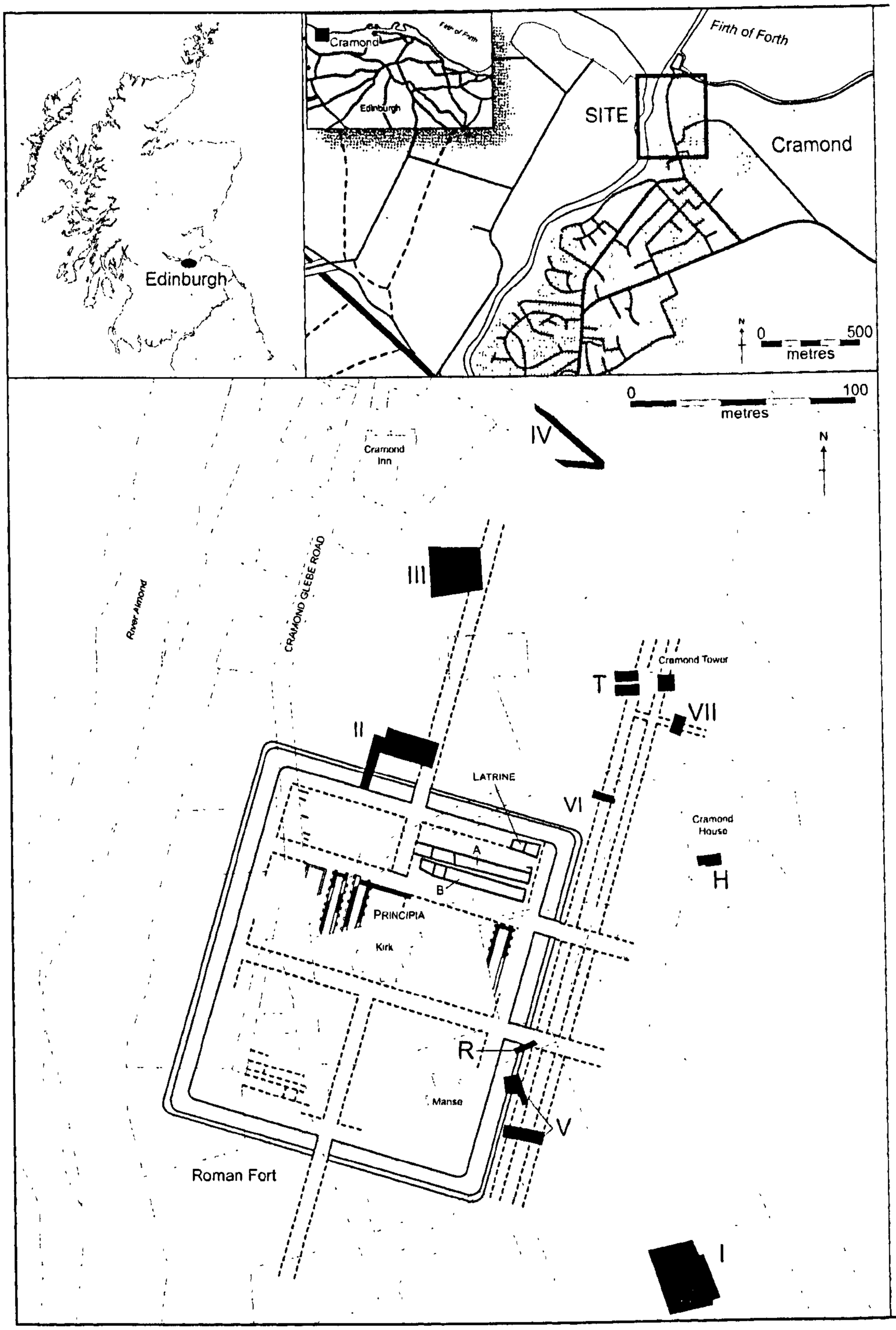


Figure 7-7 Plan of Cramond fort

After Holmes *et al.* 2003

CROWN COPYRIGHT © RCAHMS

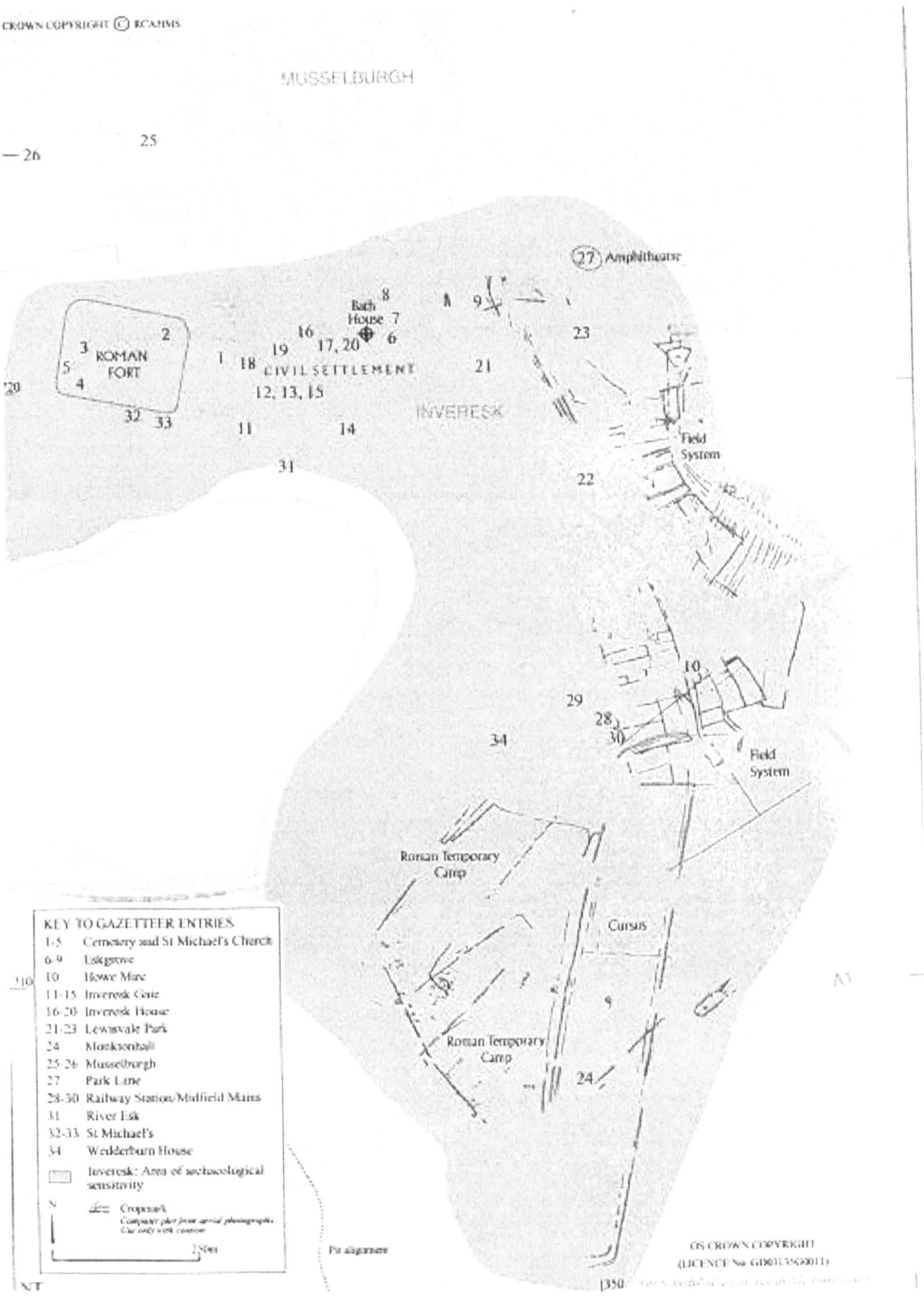


Figure 7-8 Plan of Inveresk fort

After Bishop 2002b

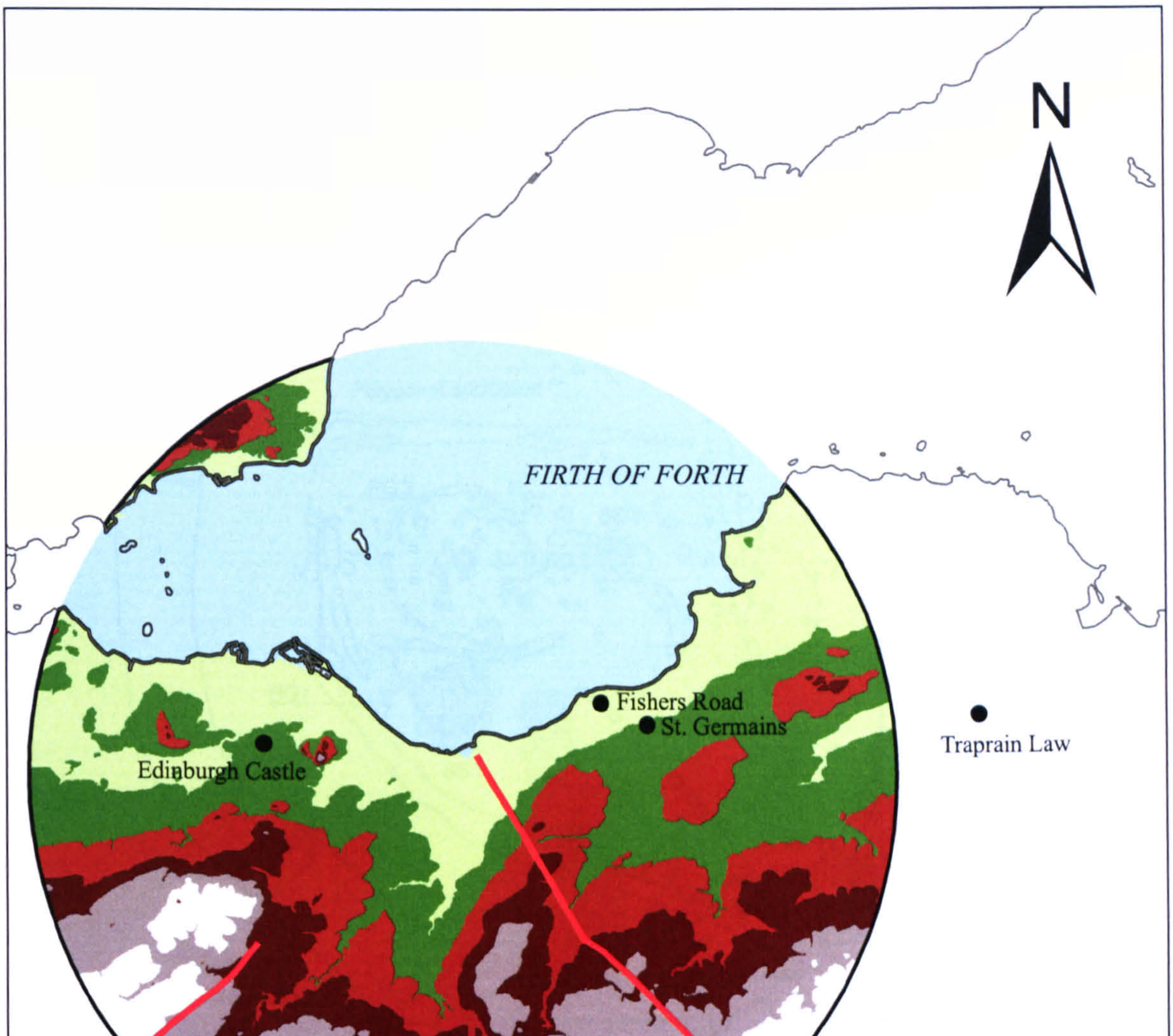
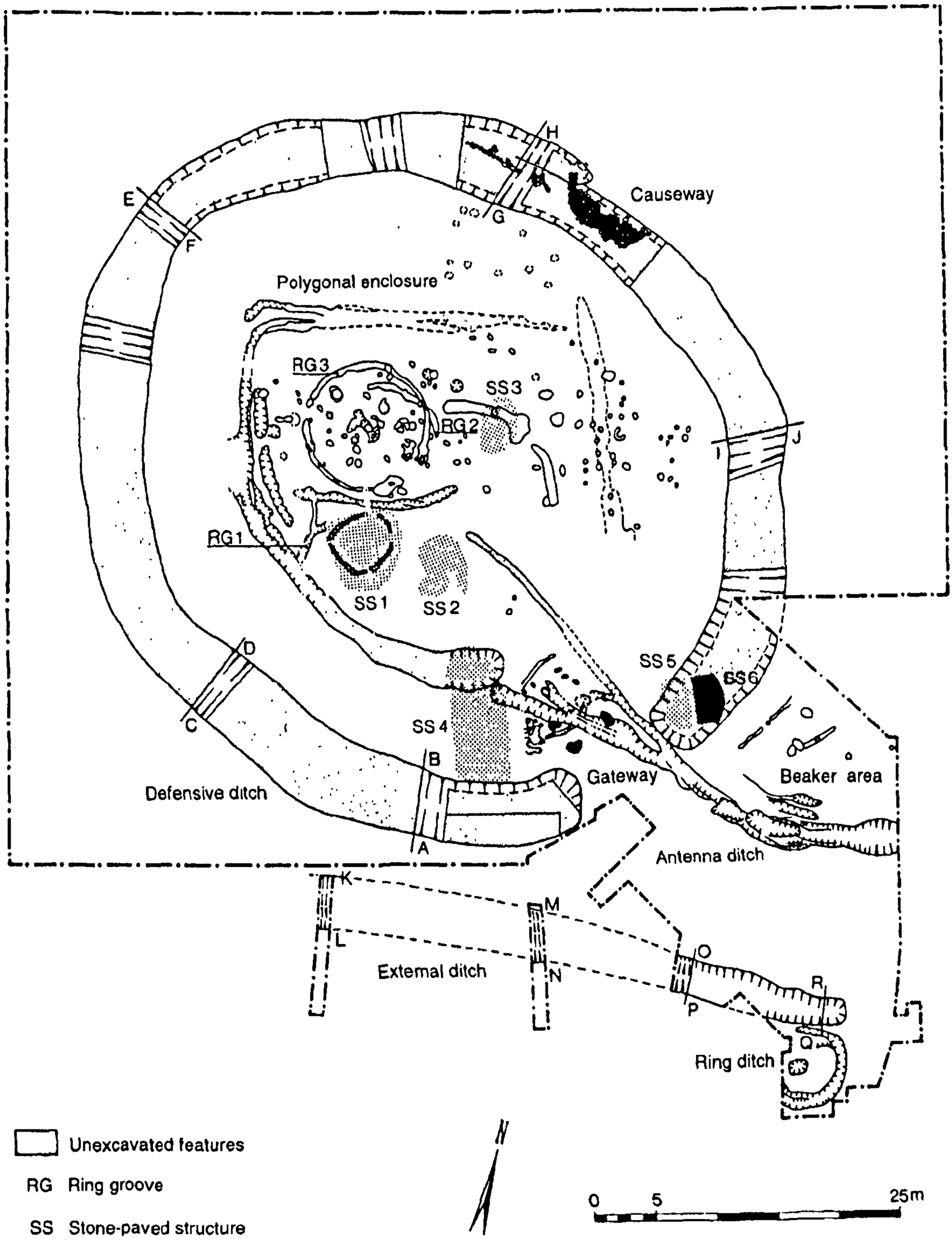


Figure 7-9 Iron Age sites discussed in text



ILLUS 4 Plan of major features in all phases

Figure 7-10 Plan of St. Germains

After Watkins & Alexander 1998

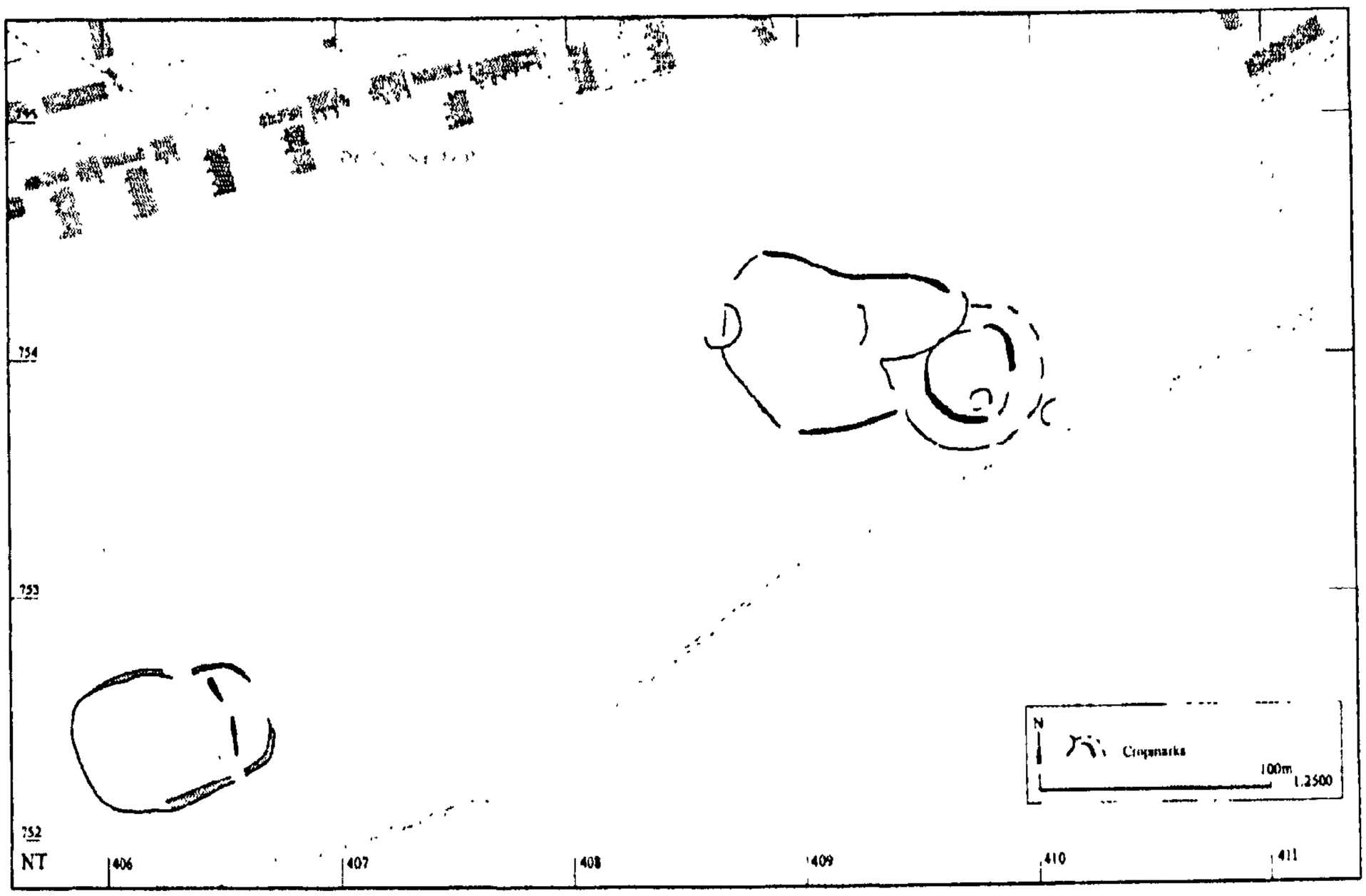
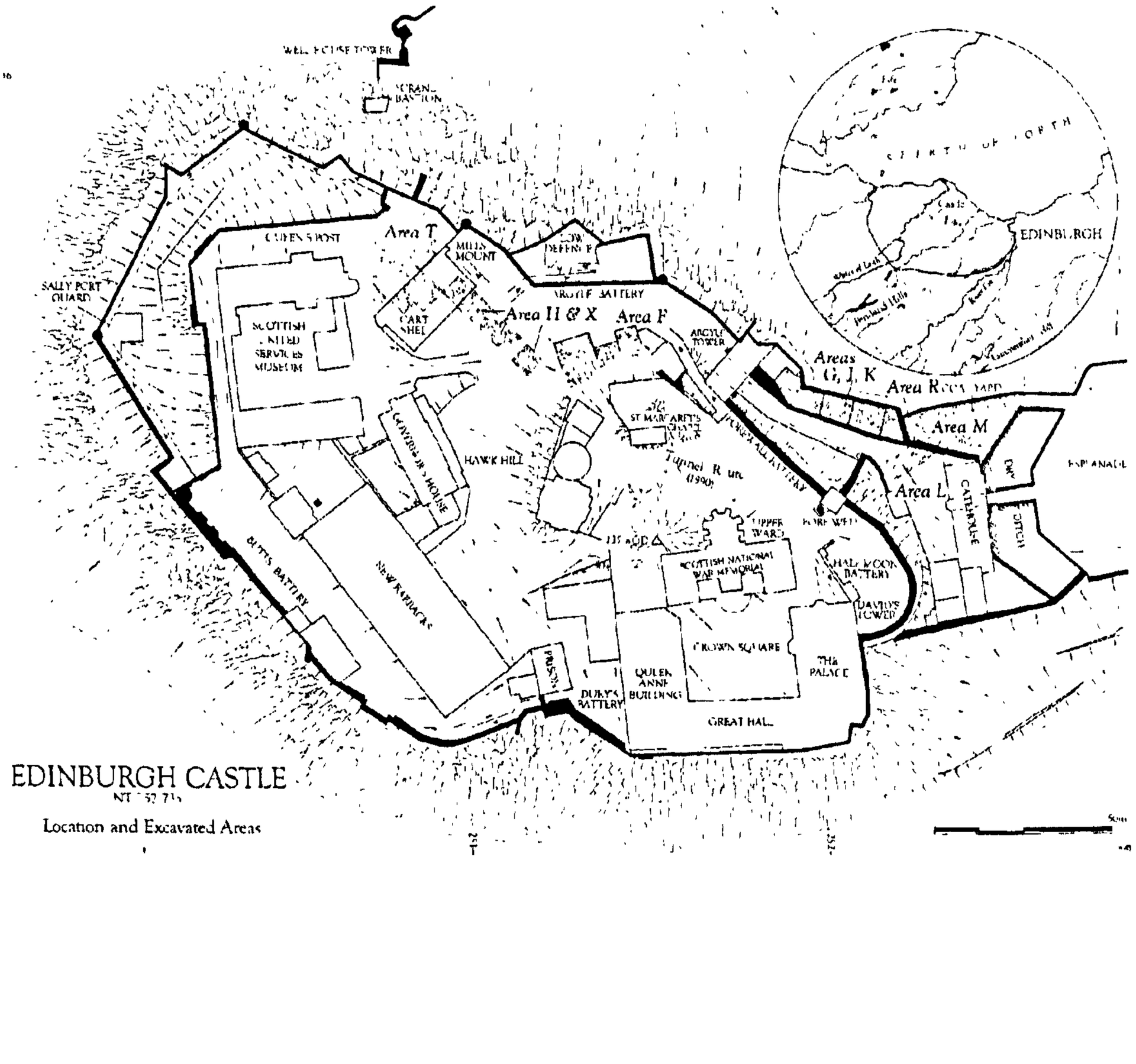


Figure 7-11 Plan of Fishers Road, Port Seton

After Haselgrove & McCullagh 2000



EDINBURGH CASTLE
NT 252 735

Location and Excavated Areas

Figure 7-12 Plan of Castle Rock, Edinburgh

After Driscoll & Yeoman 1997

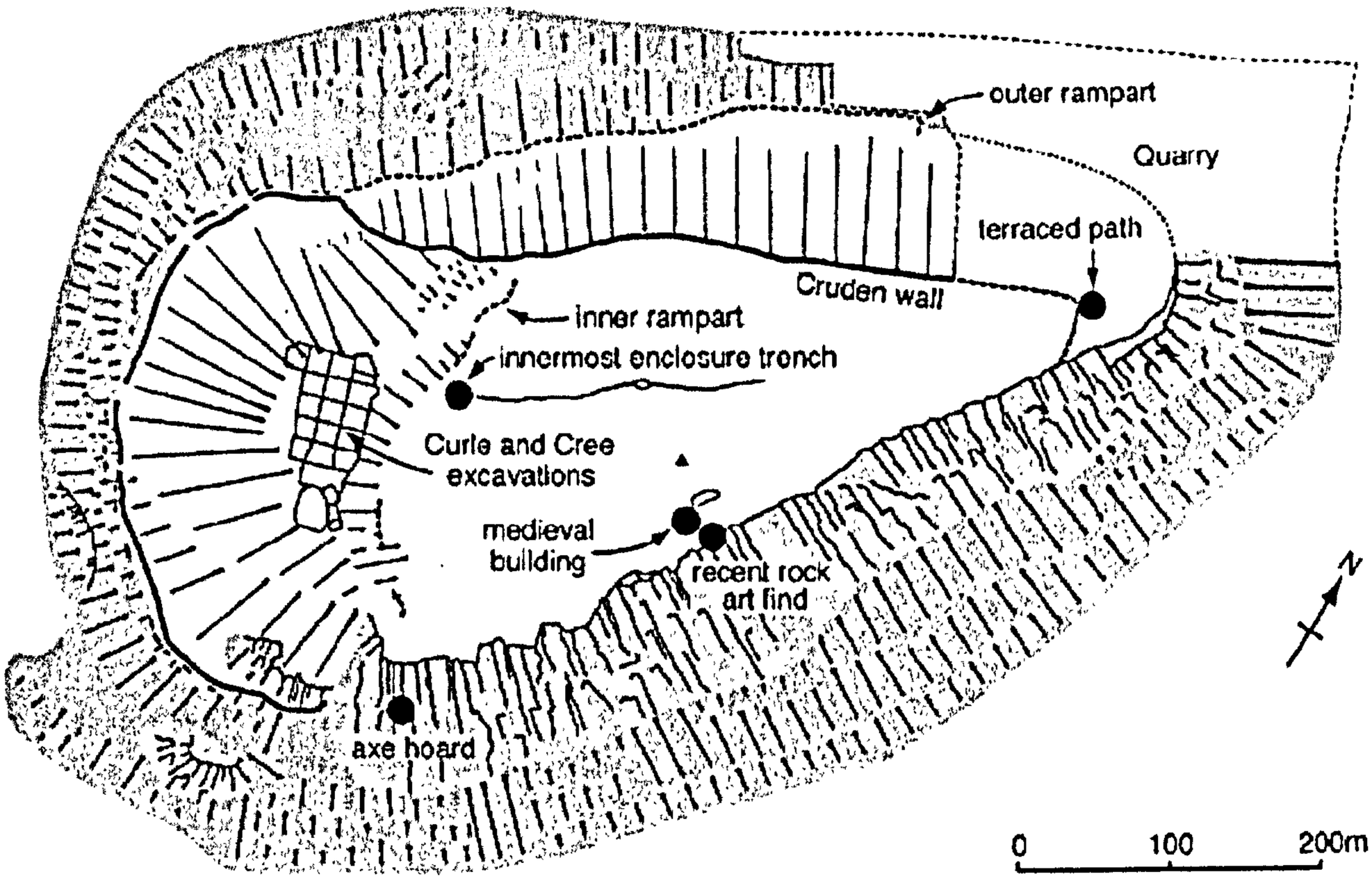


Figure 7-13 Plan of Traprain Law

After Armit *et al.* 2005, p. 2

Figure 7-14 Aerial view of Traprain Law from the north east

© RCAHMS

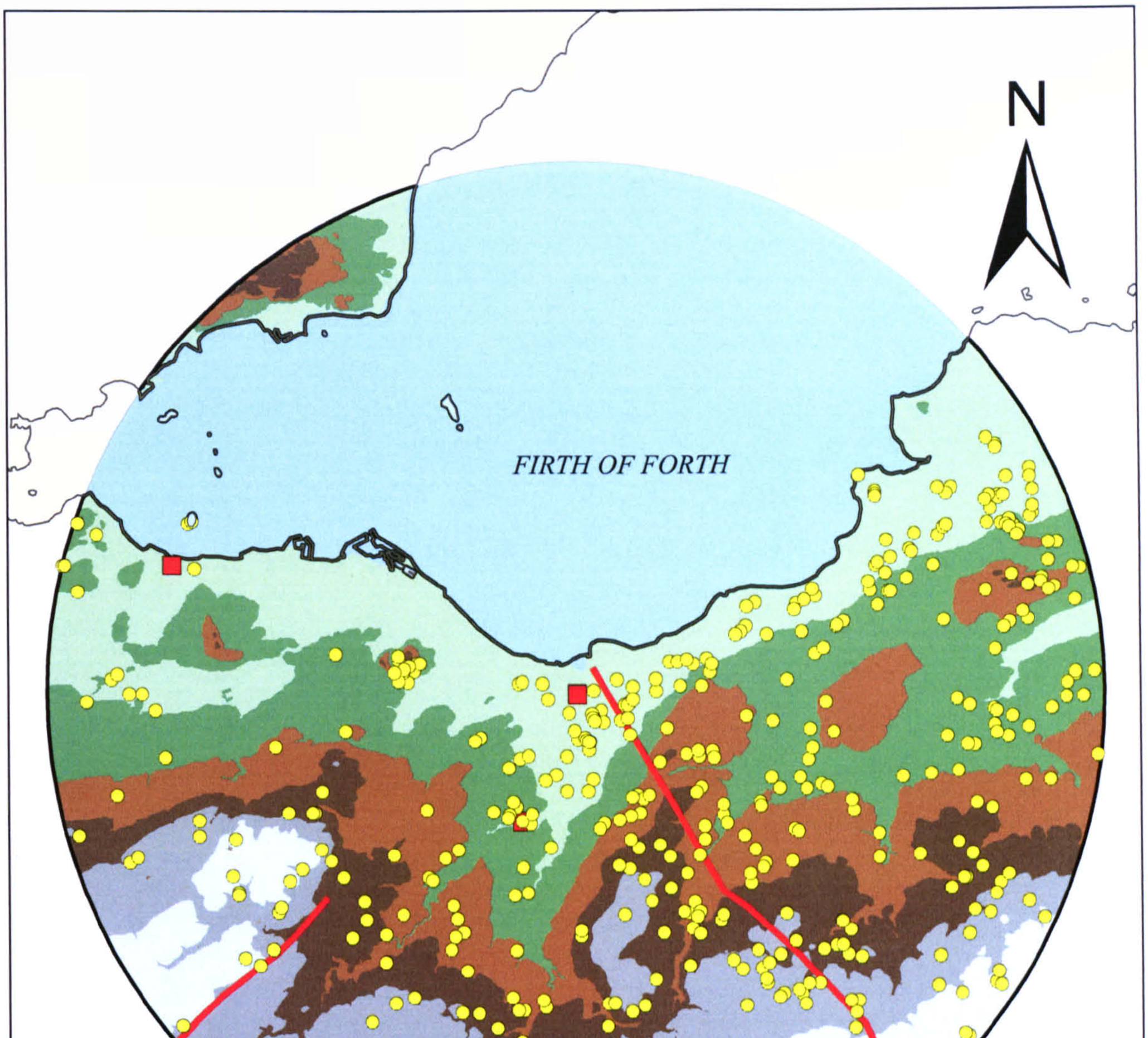


Figure 7-15 Enclosure distribution in relation to Roman infrastructure in the Inveresk region

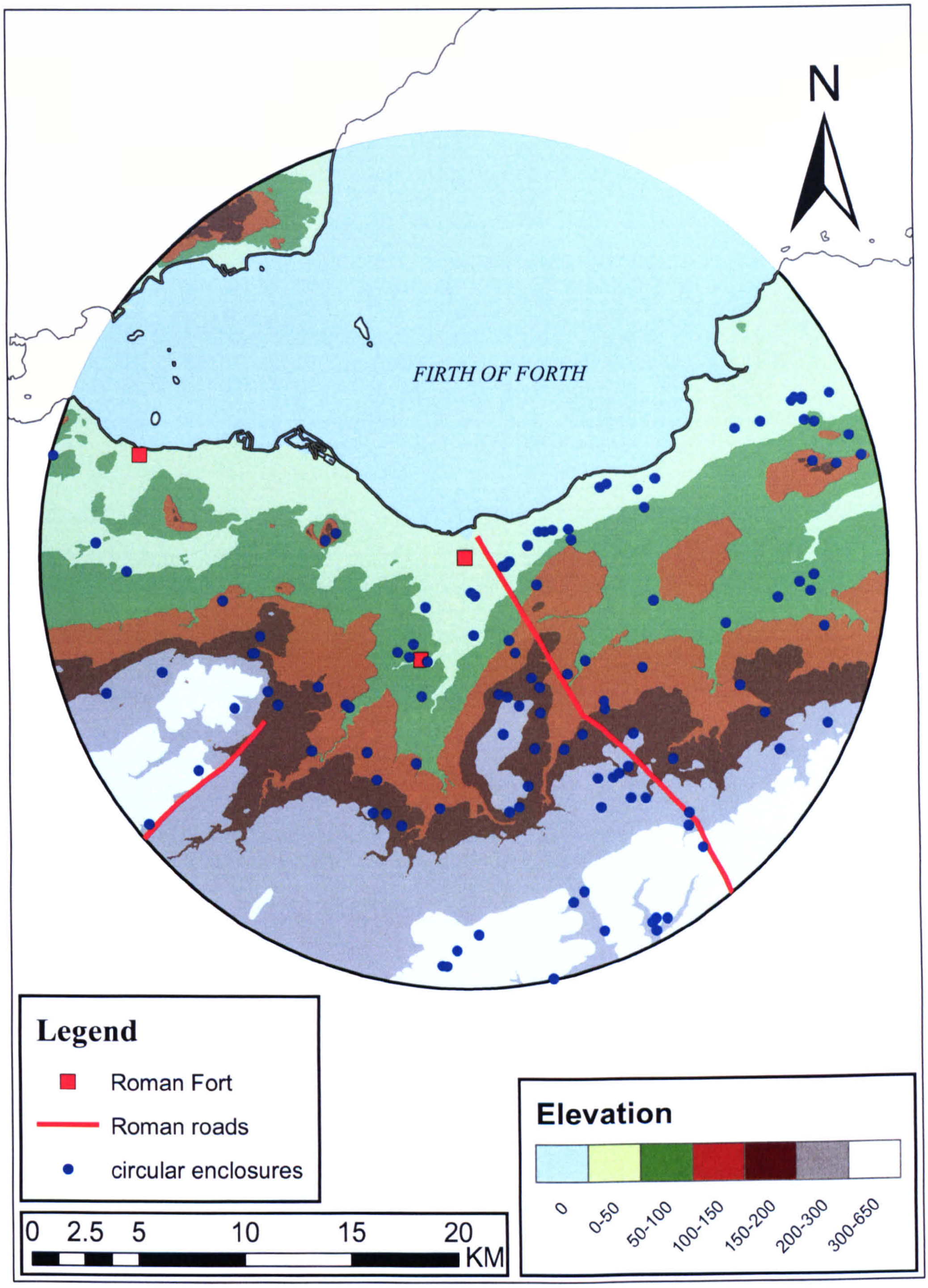


Figure 7-16 Circular enclosures in the Inveresk Study Area

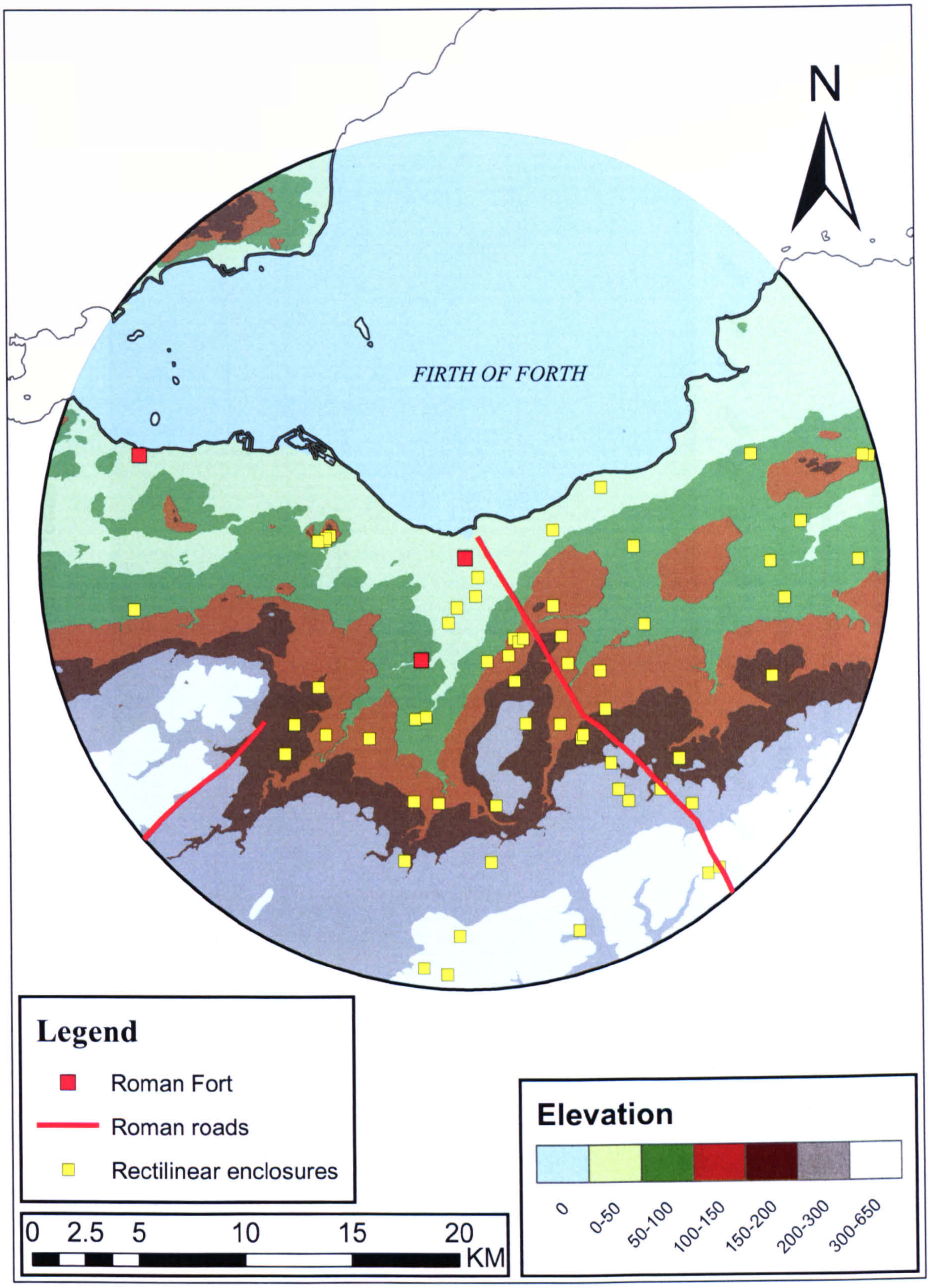


Figure 7-17 Rectilinear enclosures in the Inveresk Study Area

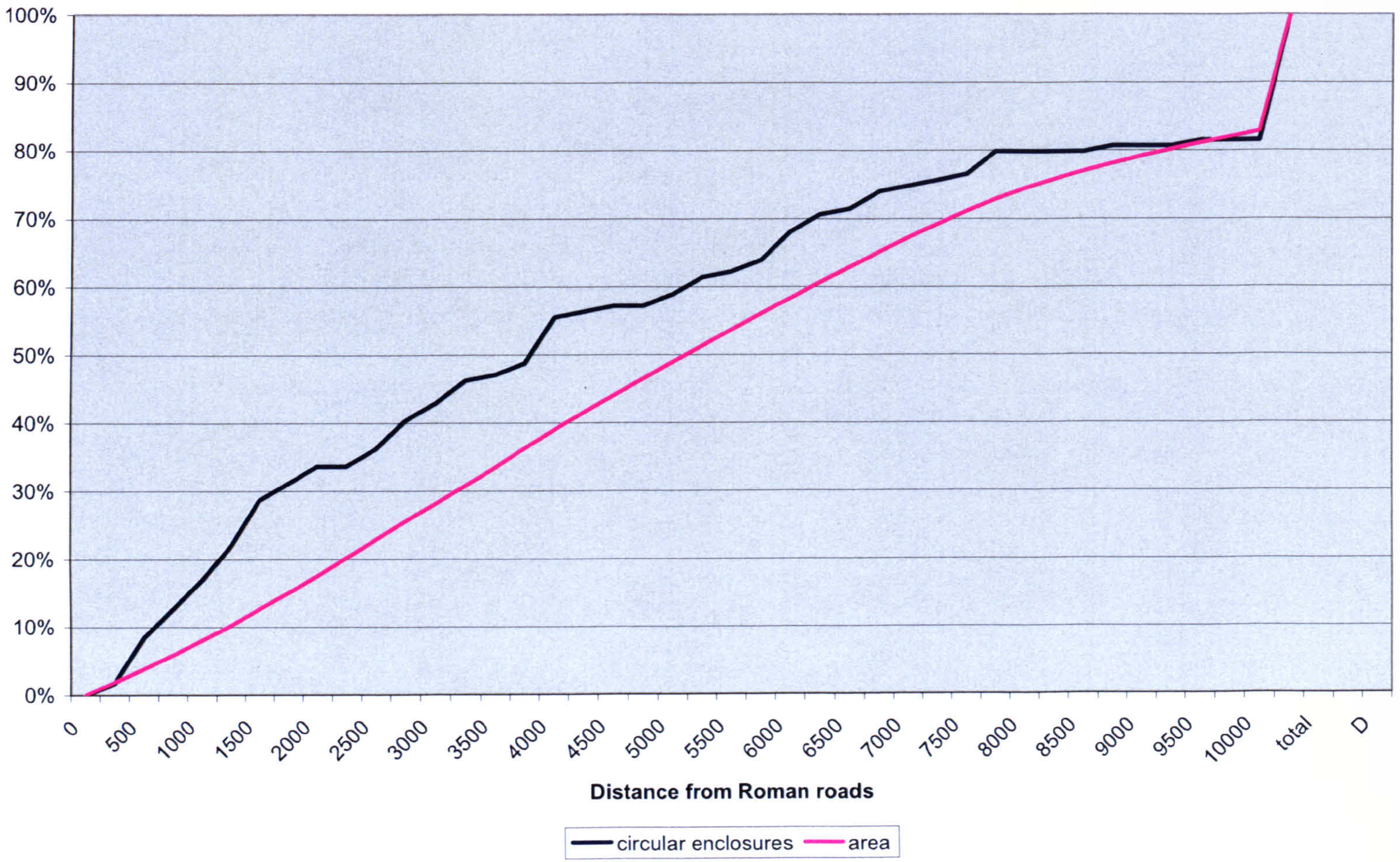


Figure 7-18 Graph of the difference between the actual distribution of circular enclosures and expected distribution in relation to their distance from Roman roads

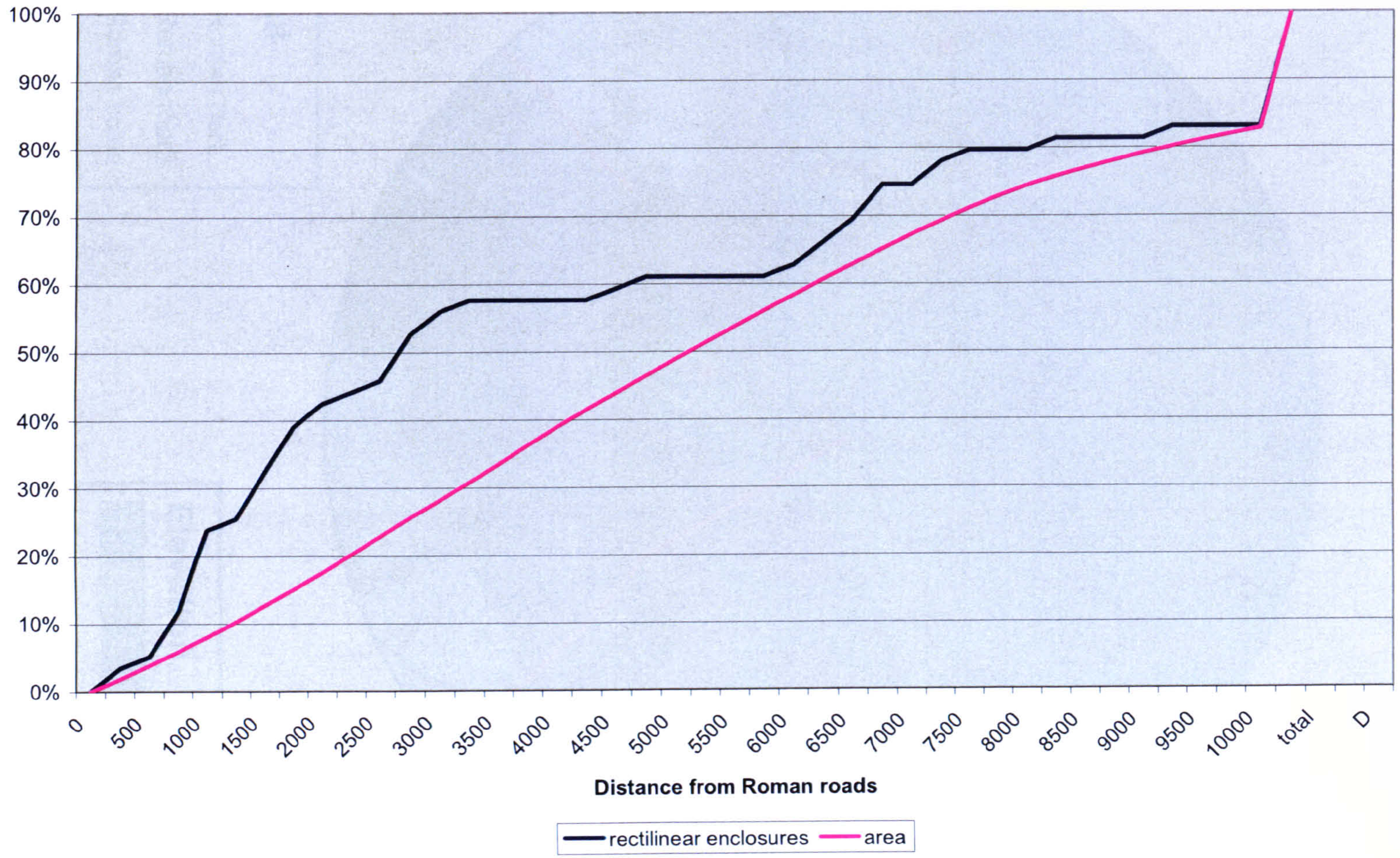


Figure 7-19 Graph of the difference between the actual distribution of rectilinear enclosures and expected distribution in relation to their distance from Roman roads

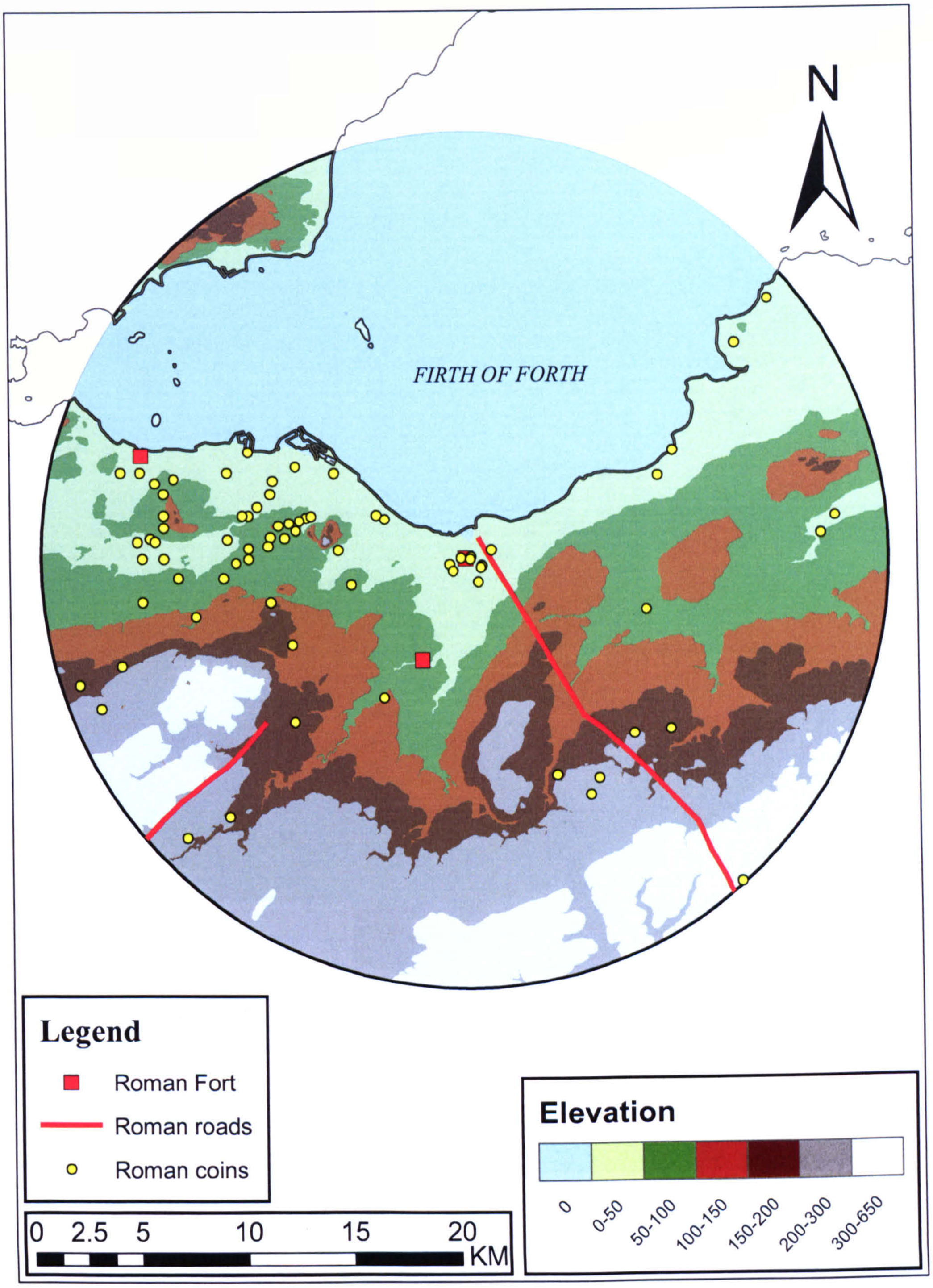


Figure 7-20 Distribution of Roman coins in the Inveresk Study Area

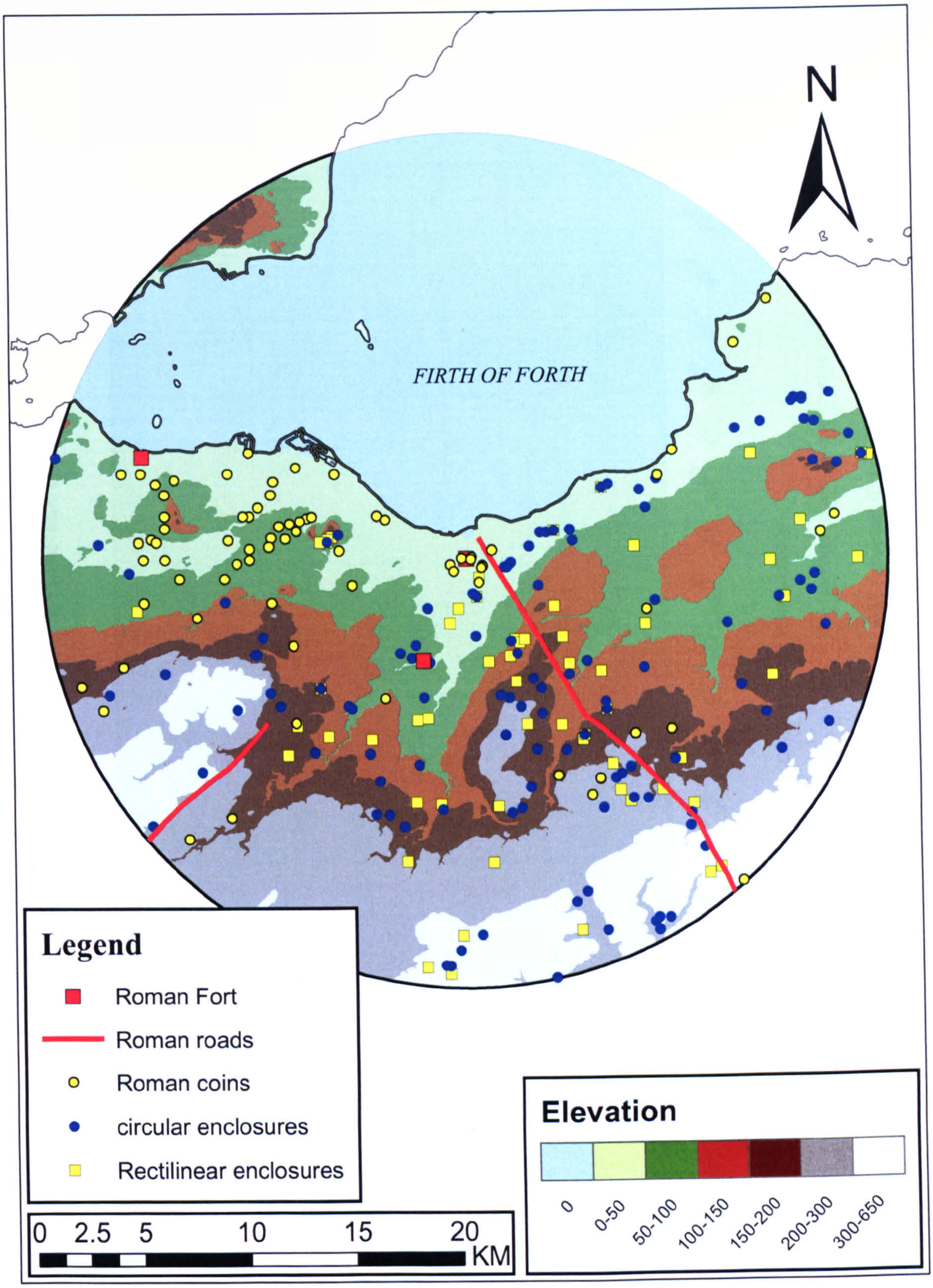


Figure 7-21 Distribution of Roman coins in relation to settlement

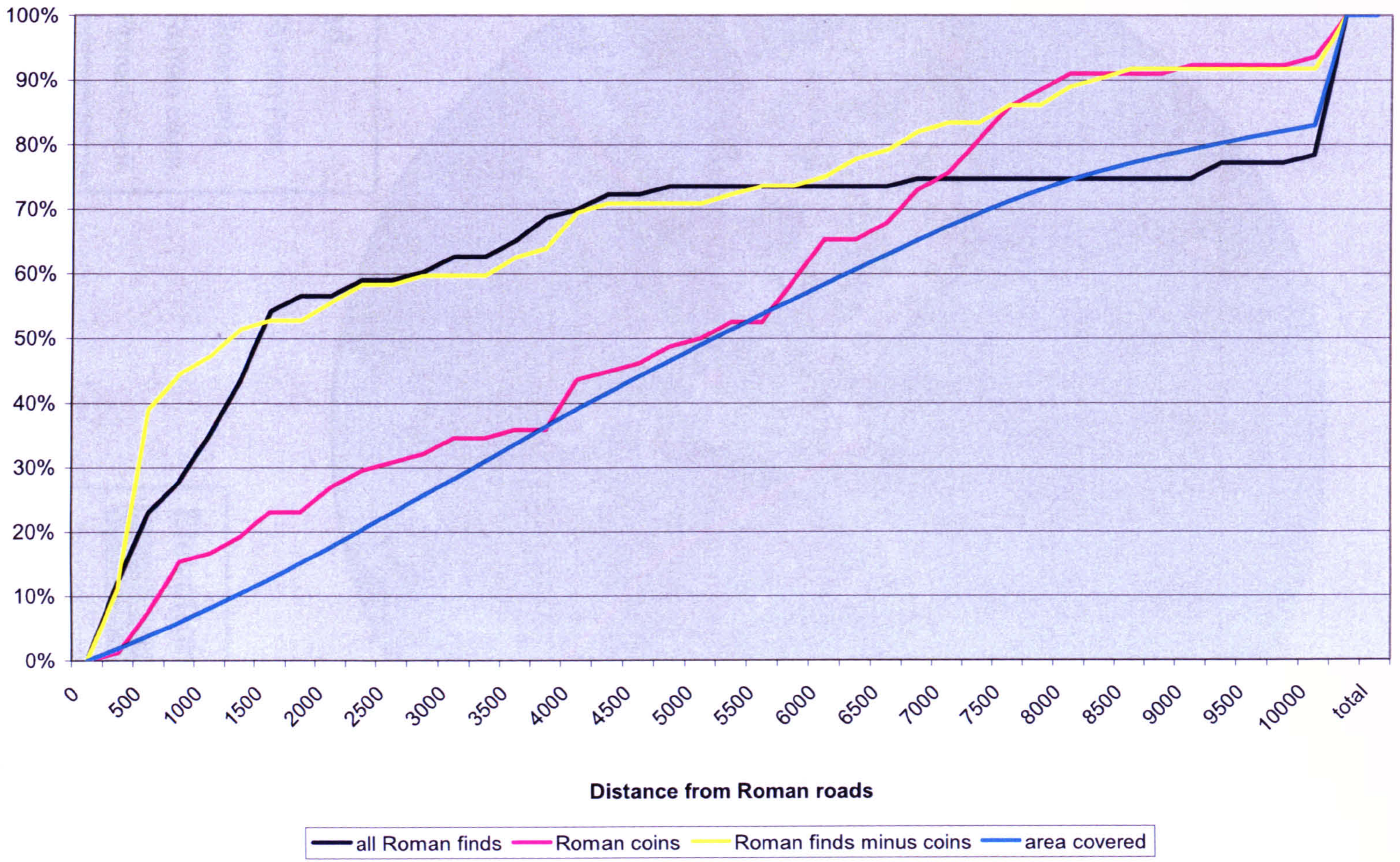


Figure 7-22 Graph of the difference between the actual distribution of Roman finds, coins and expected distribution in relation to their distance from Roman roads

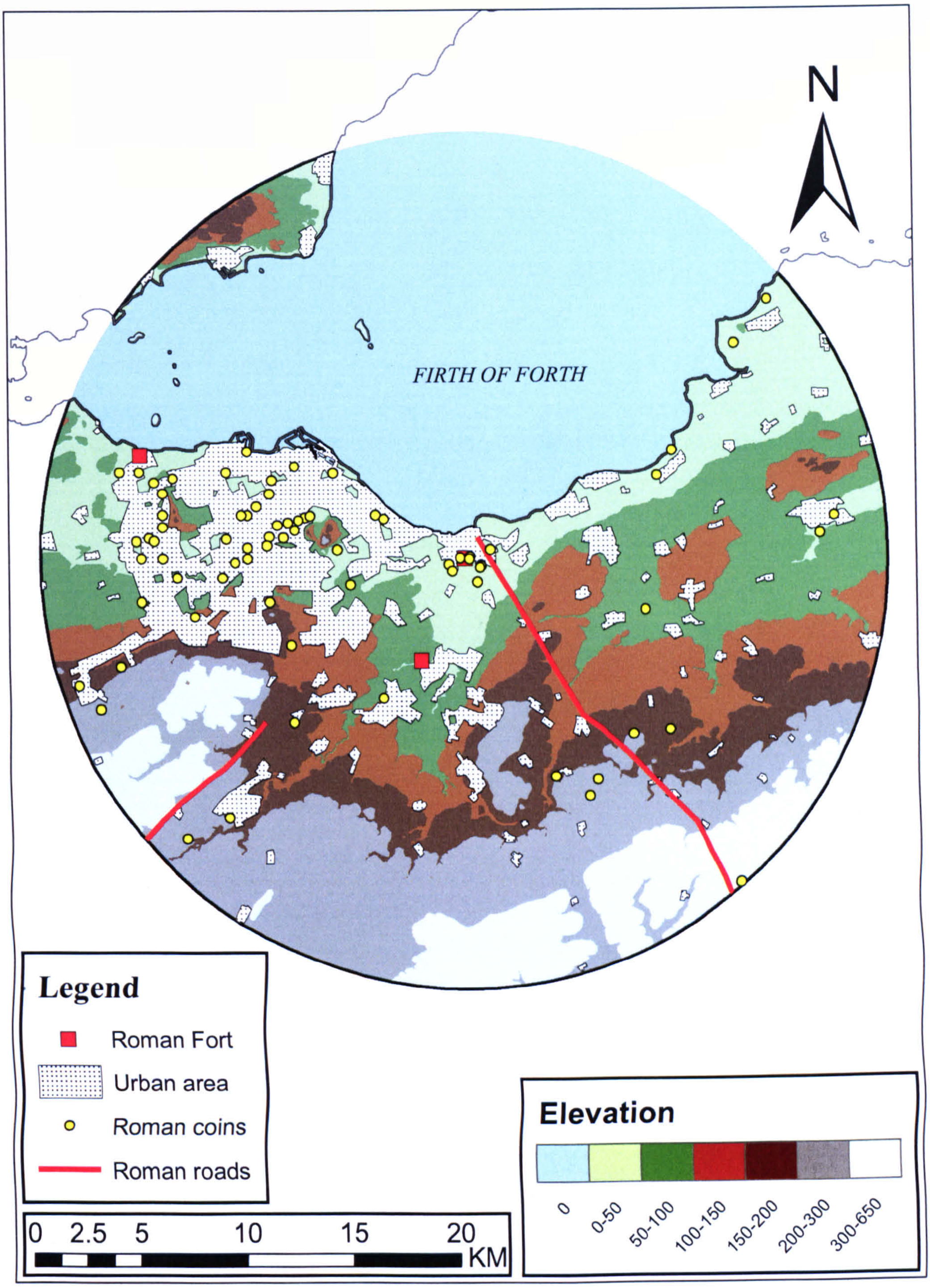


Figure 7-23 Distribution of Roman coins in relation to modern urban areas

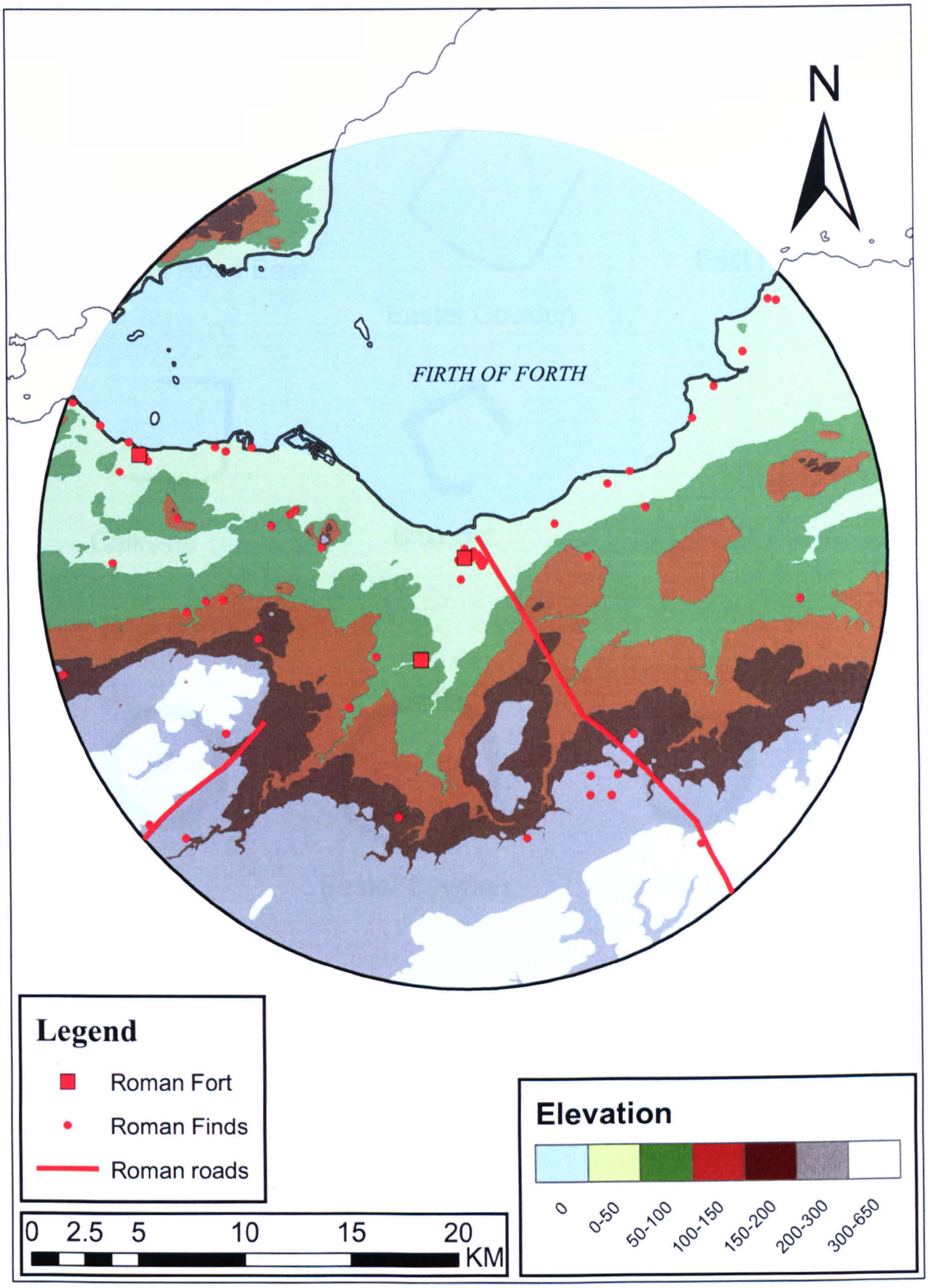
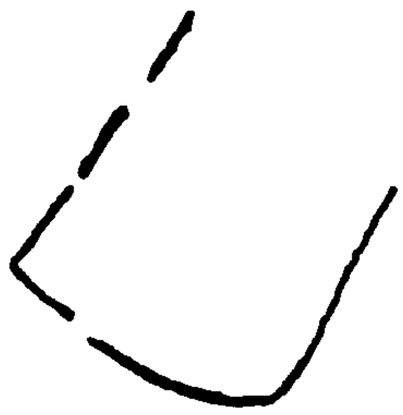


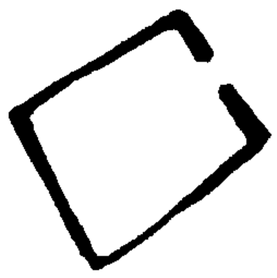
Figure 7-24 Distribution of Roman finds in the Inveresk Study Area

Rectilinear Enclosures

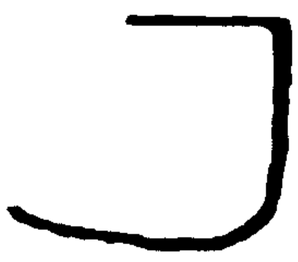
Fishers Road East



East Field



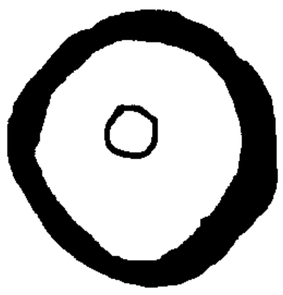
Easter Cowden



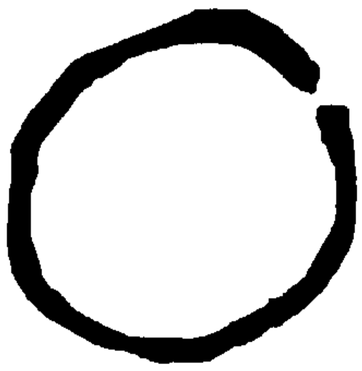
Calkside

Brixwold

Circular Enclosures



Wallford



Easter Cowden

Melville Nurseies

St Germains

Braidwood

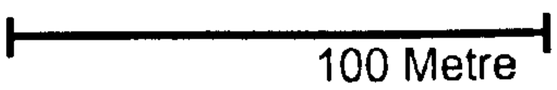


Figure 7-25 Examples of settlement morphology in the Inveresk region in relation to sites mentioned in the text

After Haselgrove & McCullagh 2000 and the RCAHMS

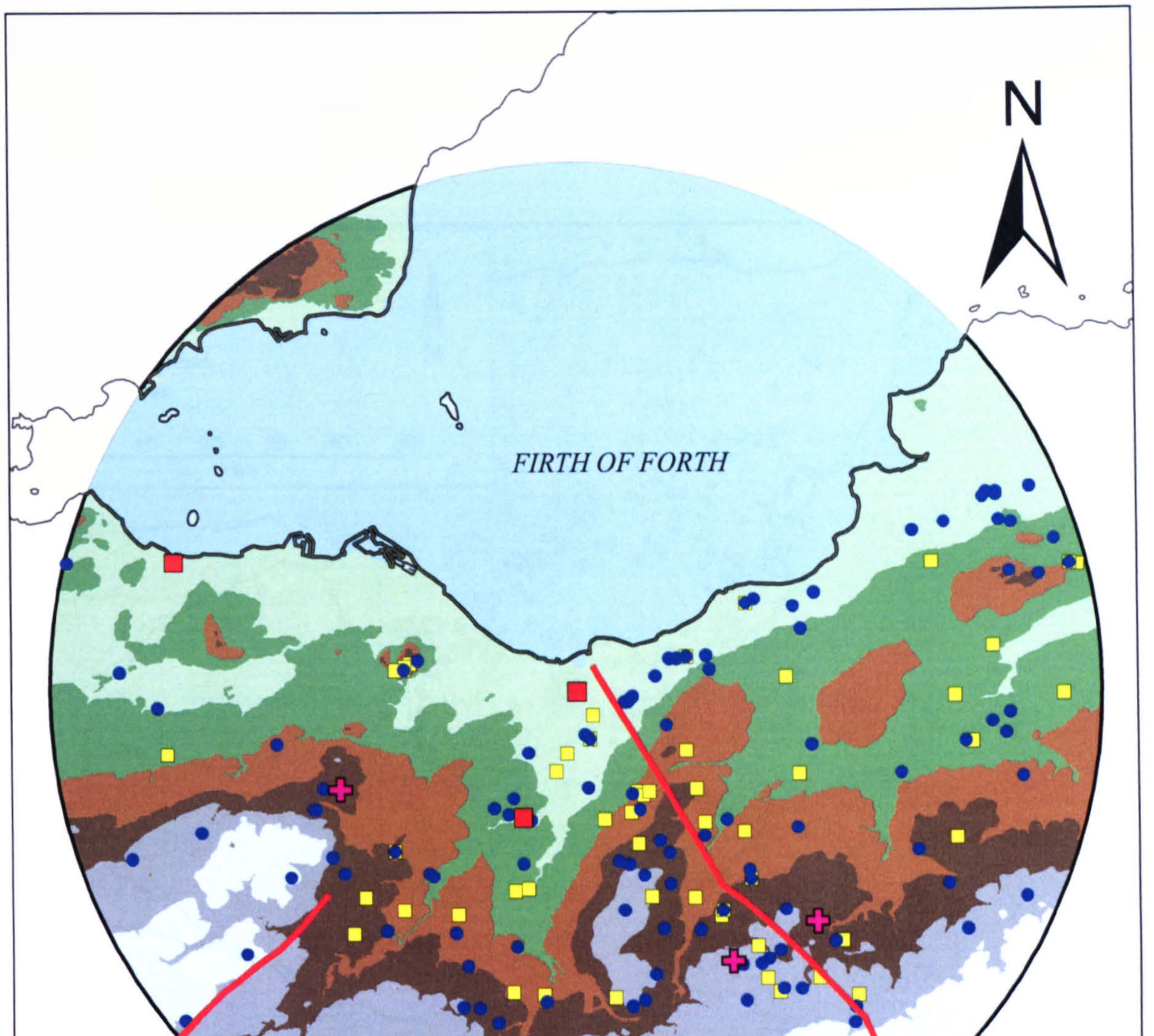


Figure 7-26 Distribution of souterrains in the Inveresk region

Figure 7-27 Distribution of souterrains in southern Scotland

After Armit 1999a, p. 578

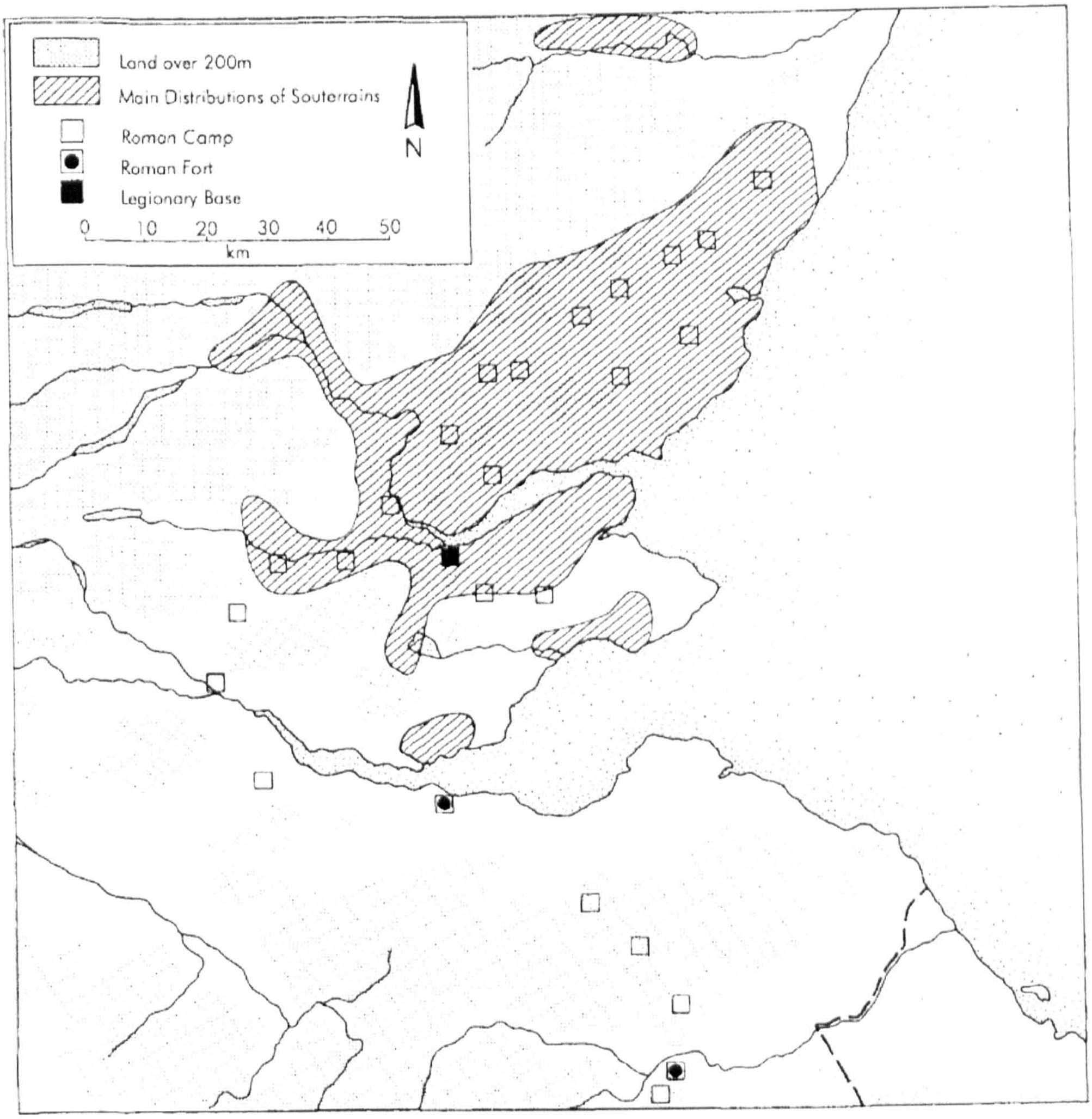


Figure 7-28 Souterrain distribution in relation to Severan infrastructure

After Armit 1999a, p. 591

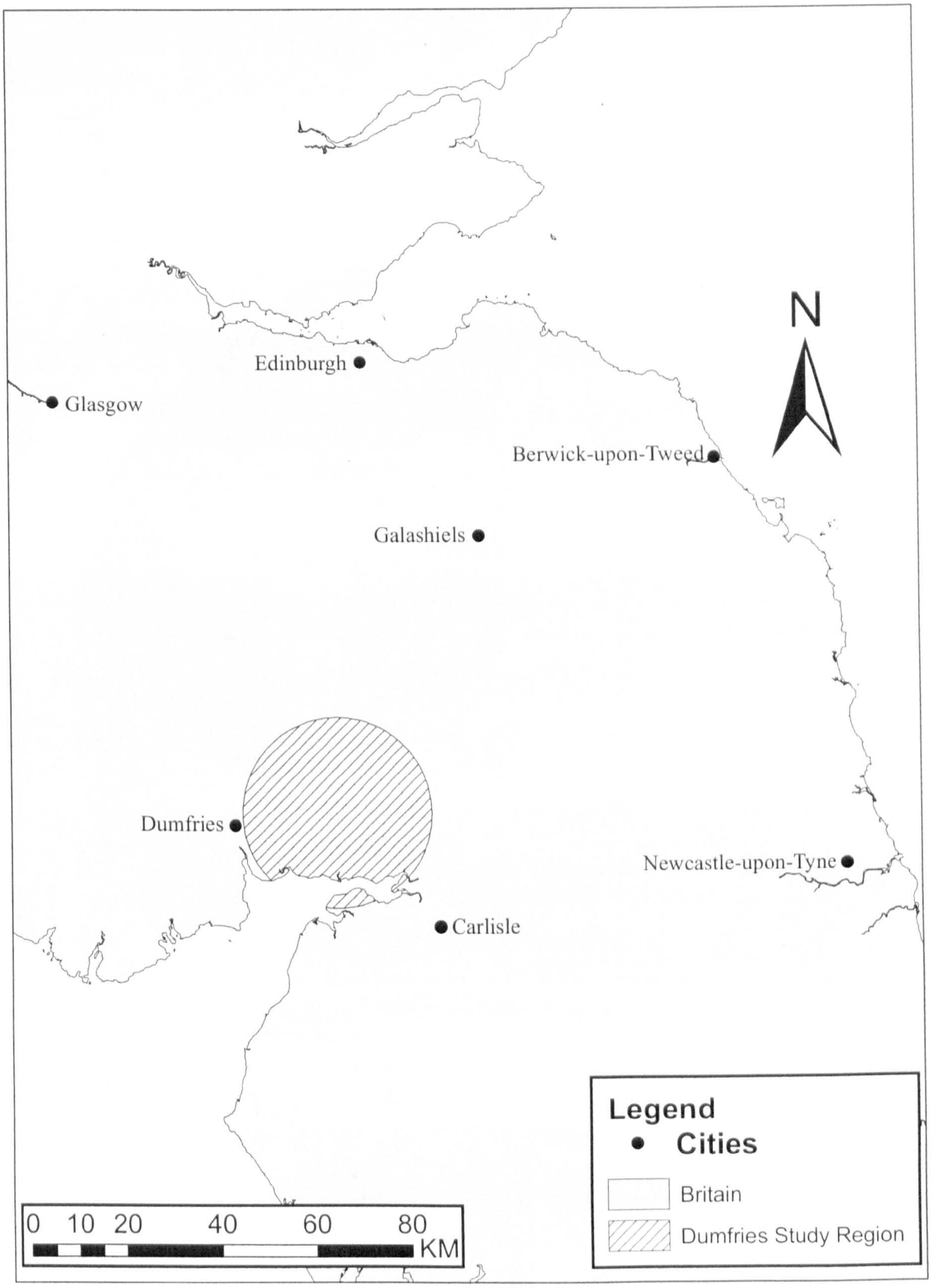


Figure 8-1 The Dumfries study area in regional setting

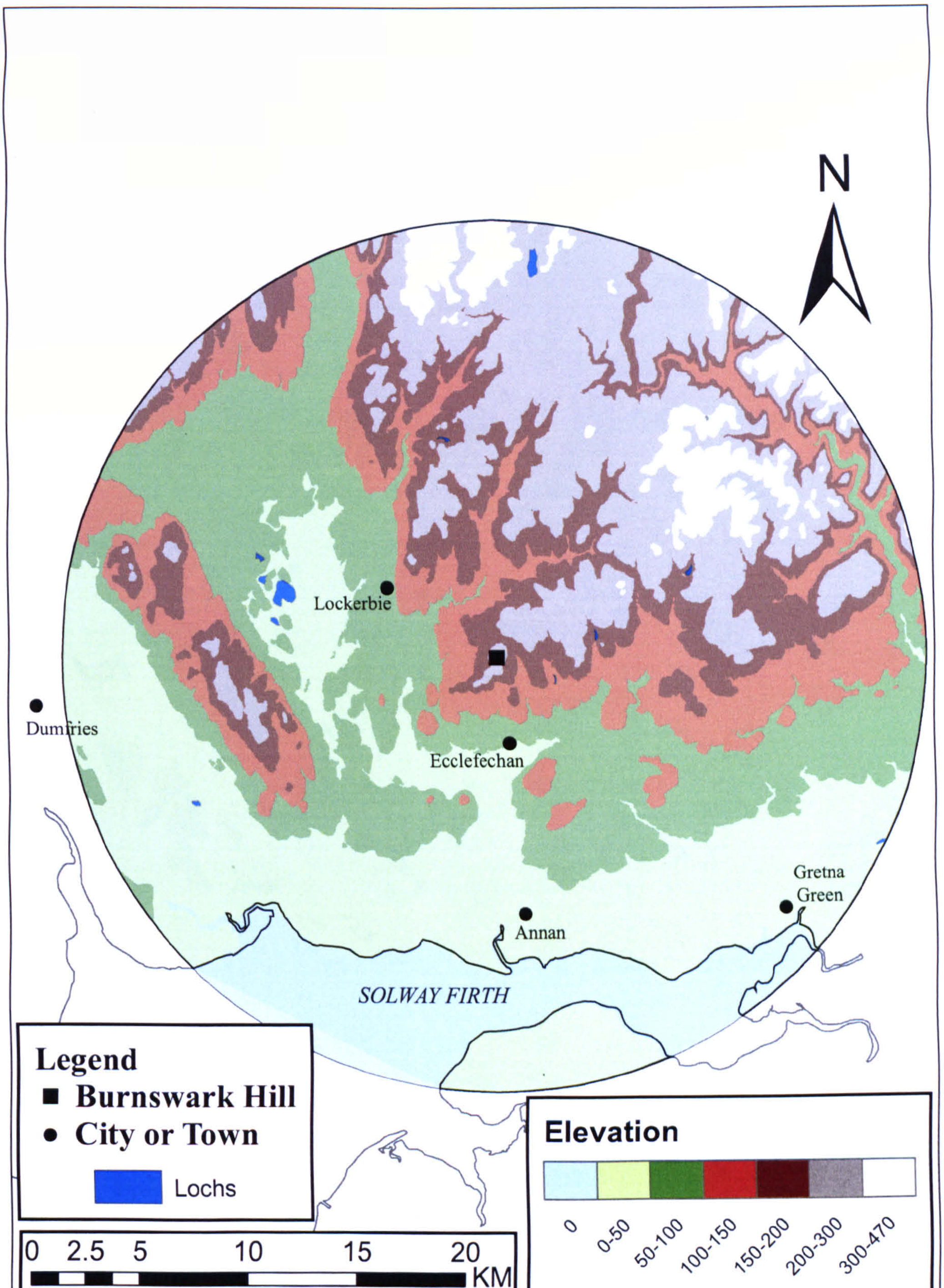


Figure 8-2 The Dumfries study area with topography and modern towns

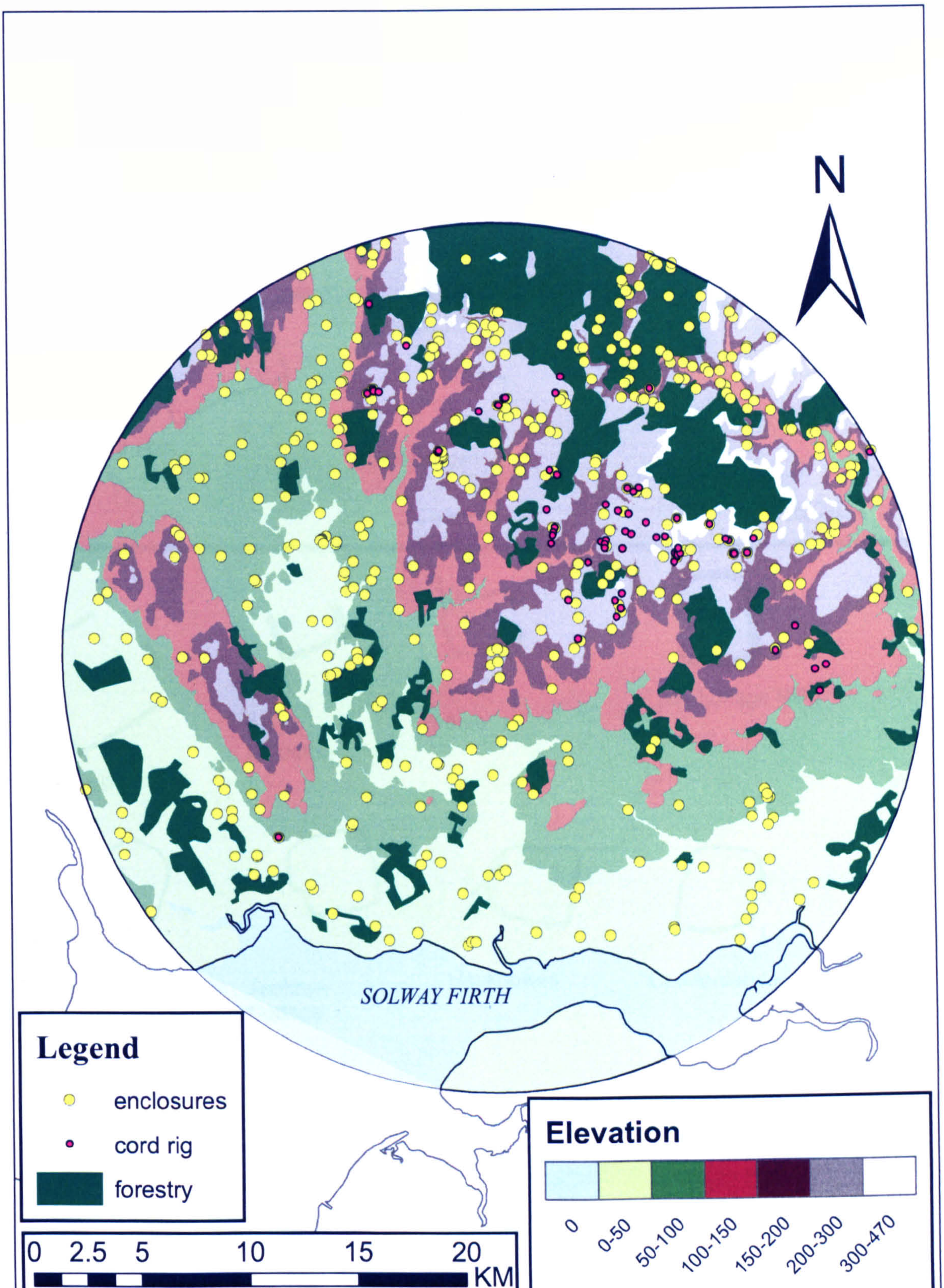


Figure 8-3 Enclosures and cord rig in relation to modern forestry

Rectilinear enclosures

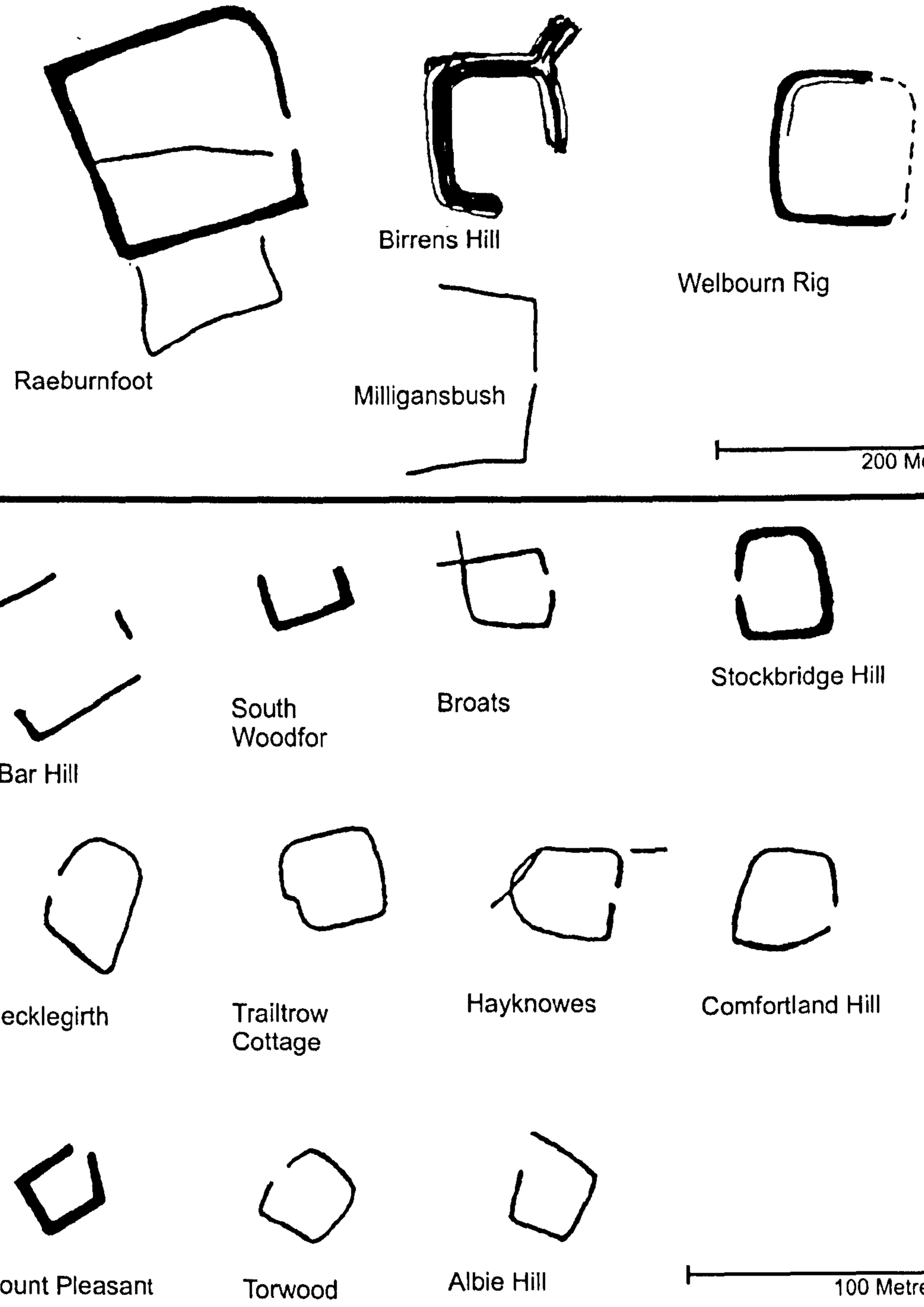


Figure 8-4 Examples of rectilinear enclosures in Dumfriesshire

After Gregory 1998; RCAHMS 1997

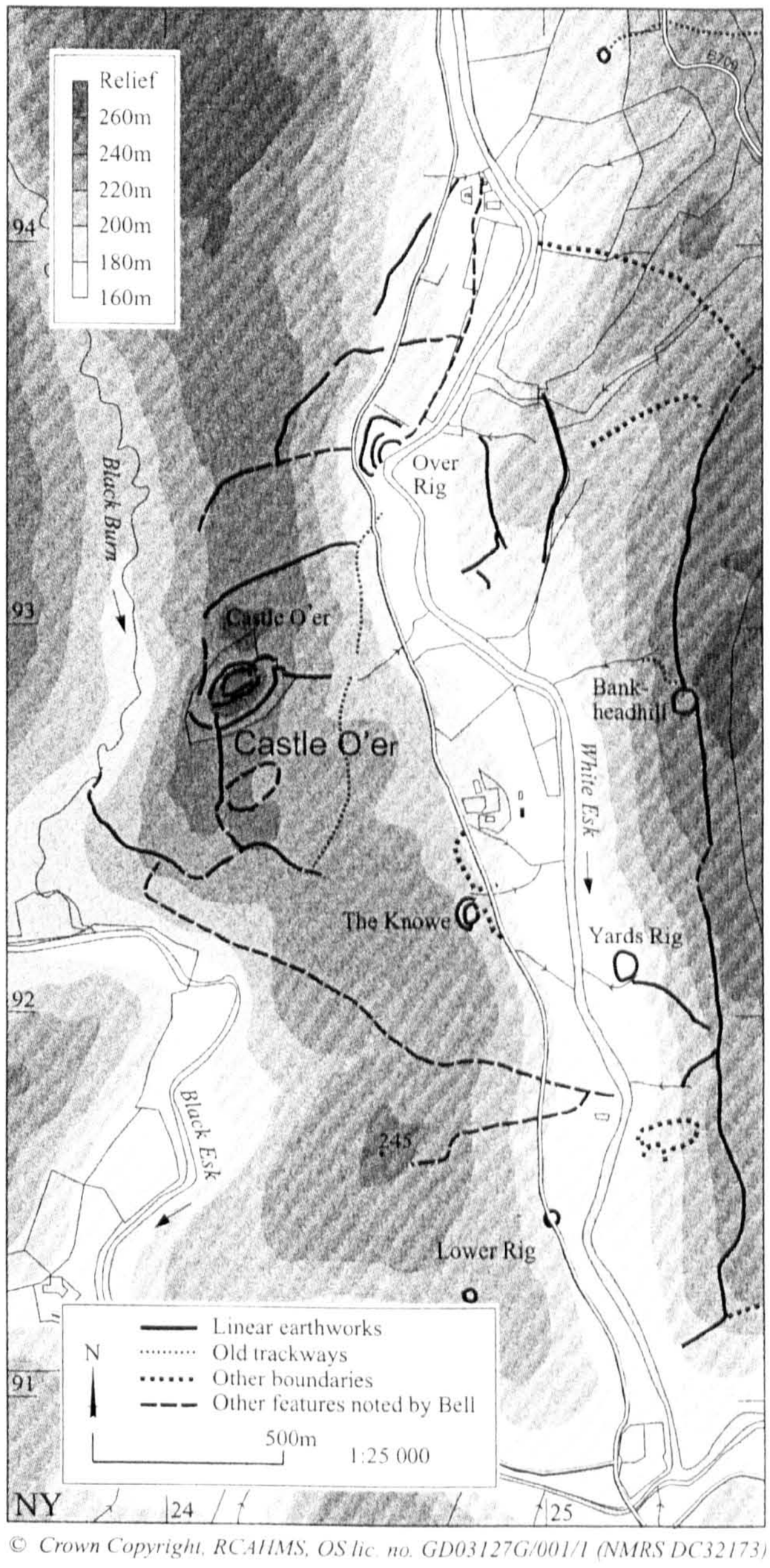


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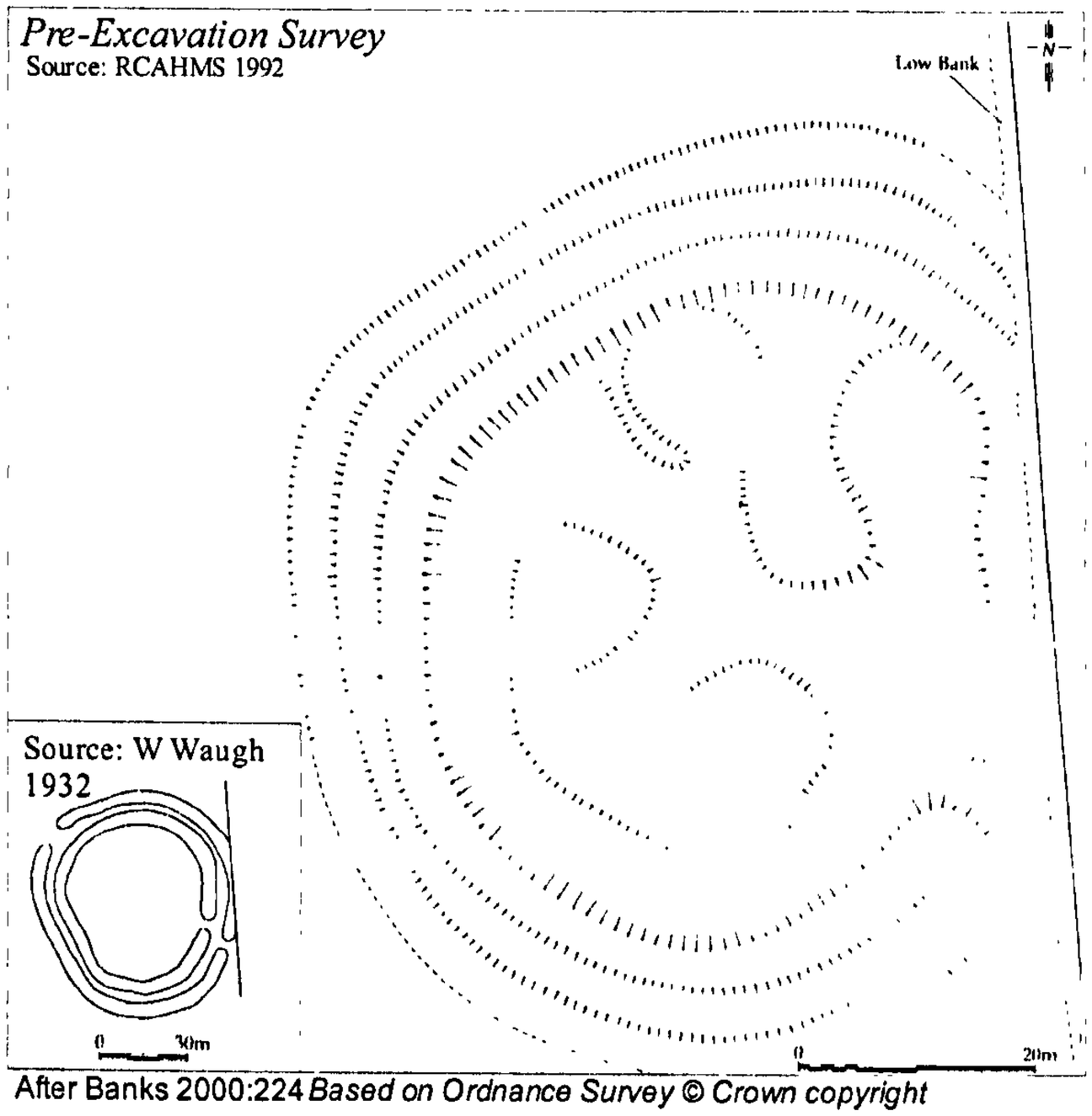
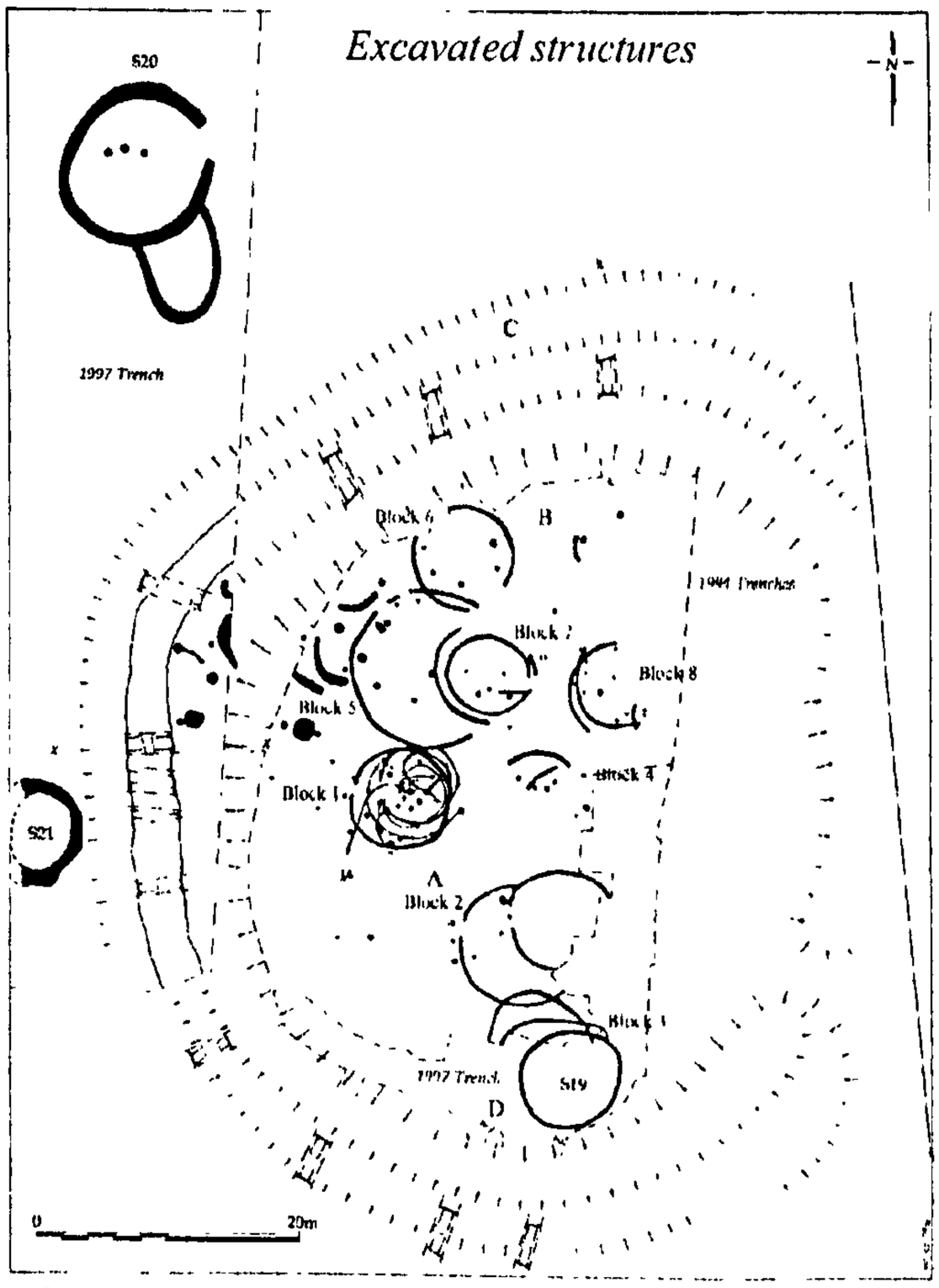
Figure 8-5 Plan of Castle O'er and Over Rig

After RCAHMS 1997, p. 78



After Banks 2000:224 *Based on Ordnance Survey © Crown copyright*



After Banks 2000:231

Figure 8-6 Plan of Woodend Farm

After Banks 2000

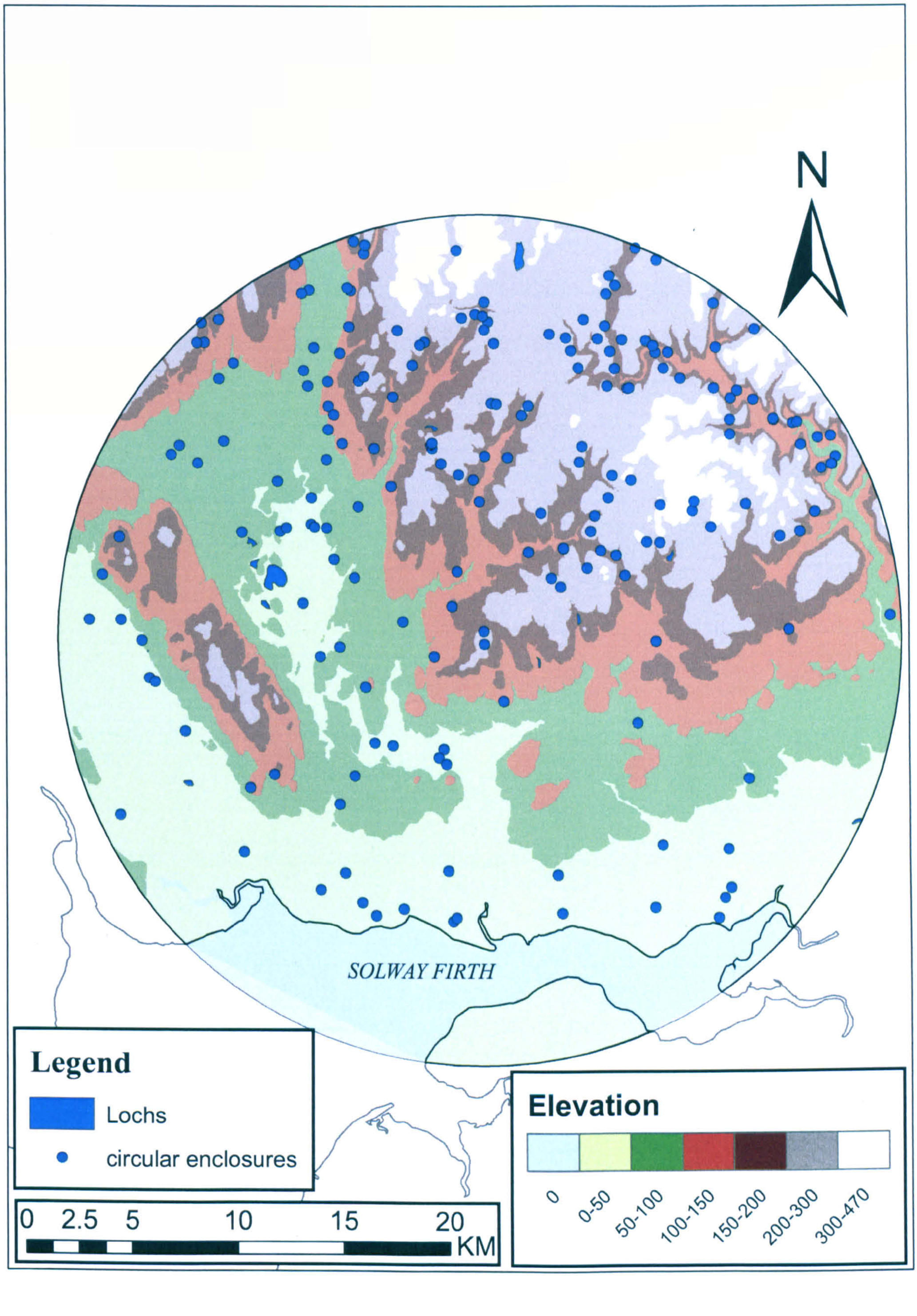


Figure 8-7 Circular enclosures in the Dumfries Study Area

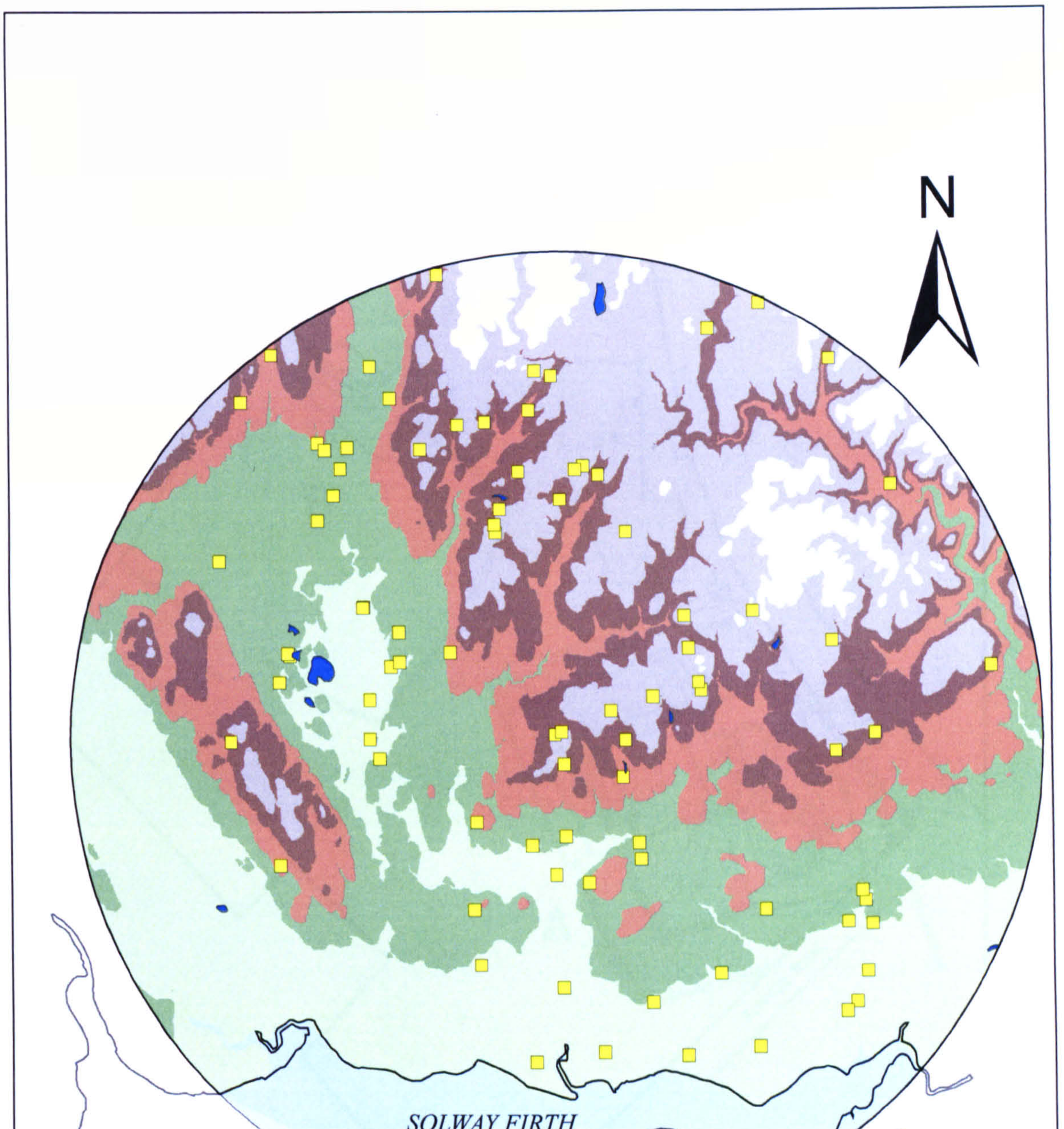


Figure 8-8 Rectilinear enclosures in the Dumfries Study Area

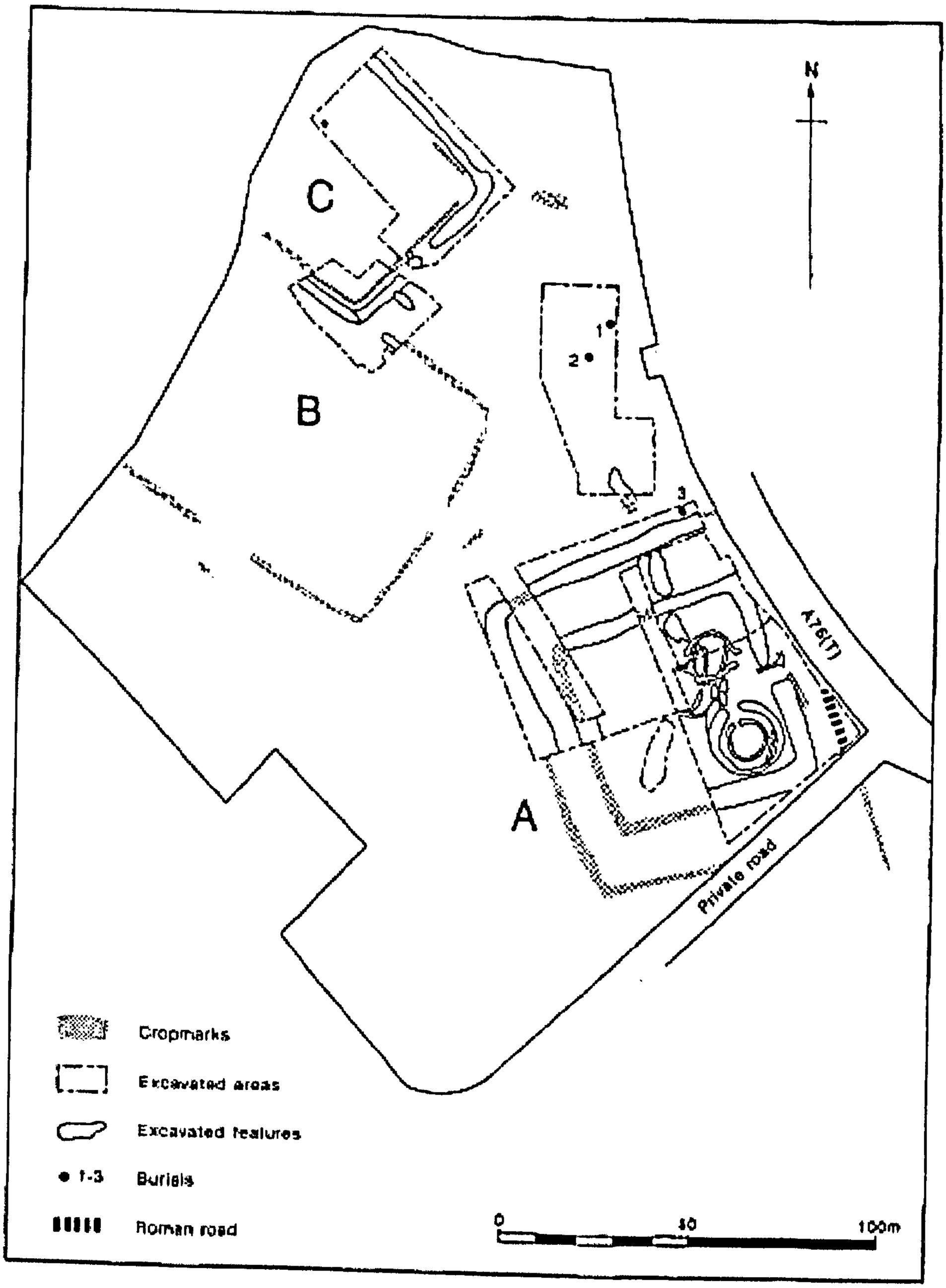


Figure 8-9 Plan of the Carronbridge enclosures

After Johnston 1994

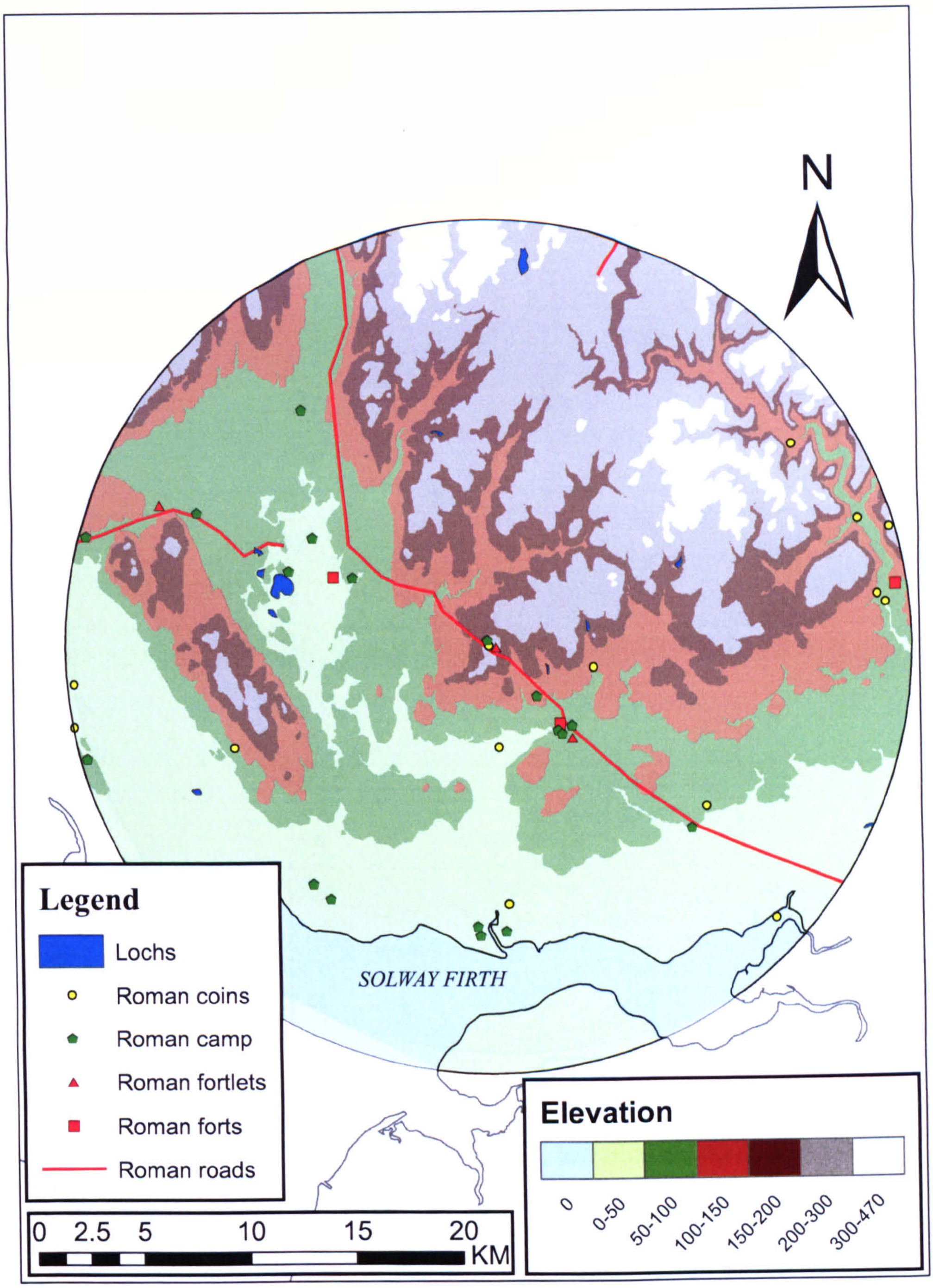


Figure 8-10 Distribution of Roman coins in the Dumfries study area

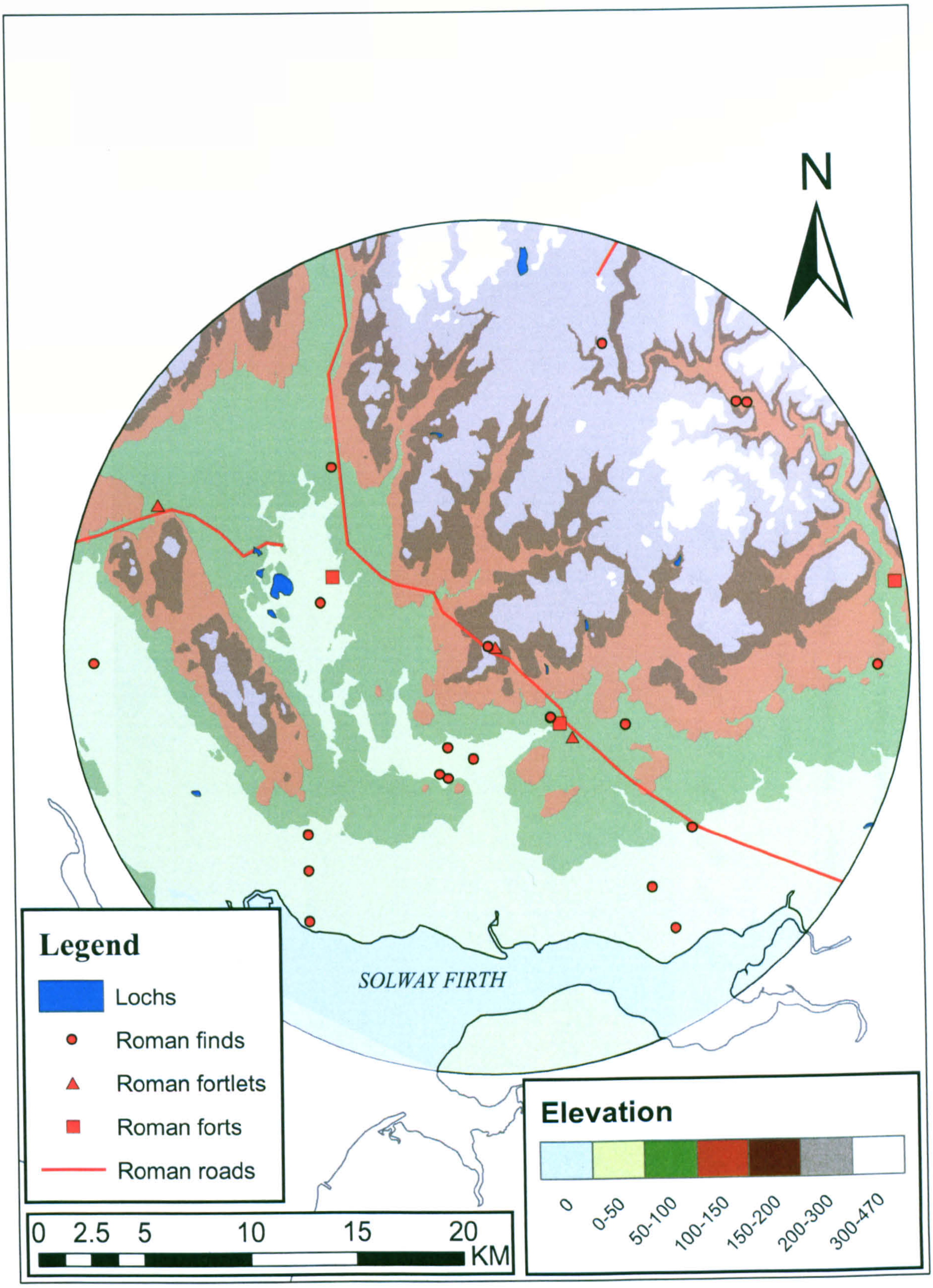


Figure 8-11 Distribution of Roman finds in the Dumfries study area

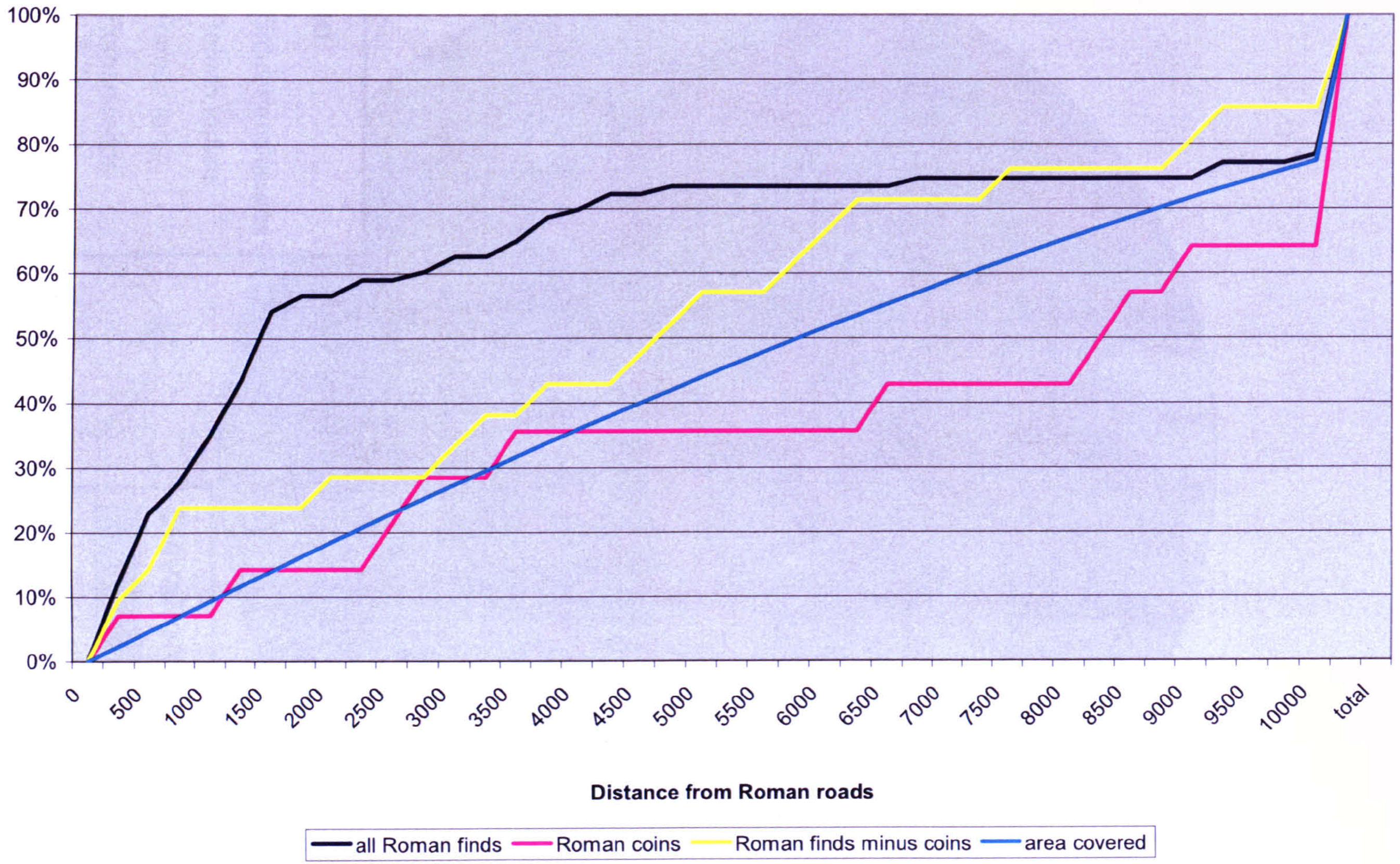


Figure 8-12 Graph of the difference between the actual distribution of Roman finds, coins and expected distribution in relation to their distance from Roman roads

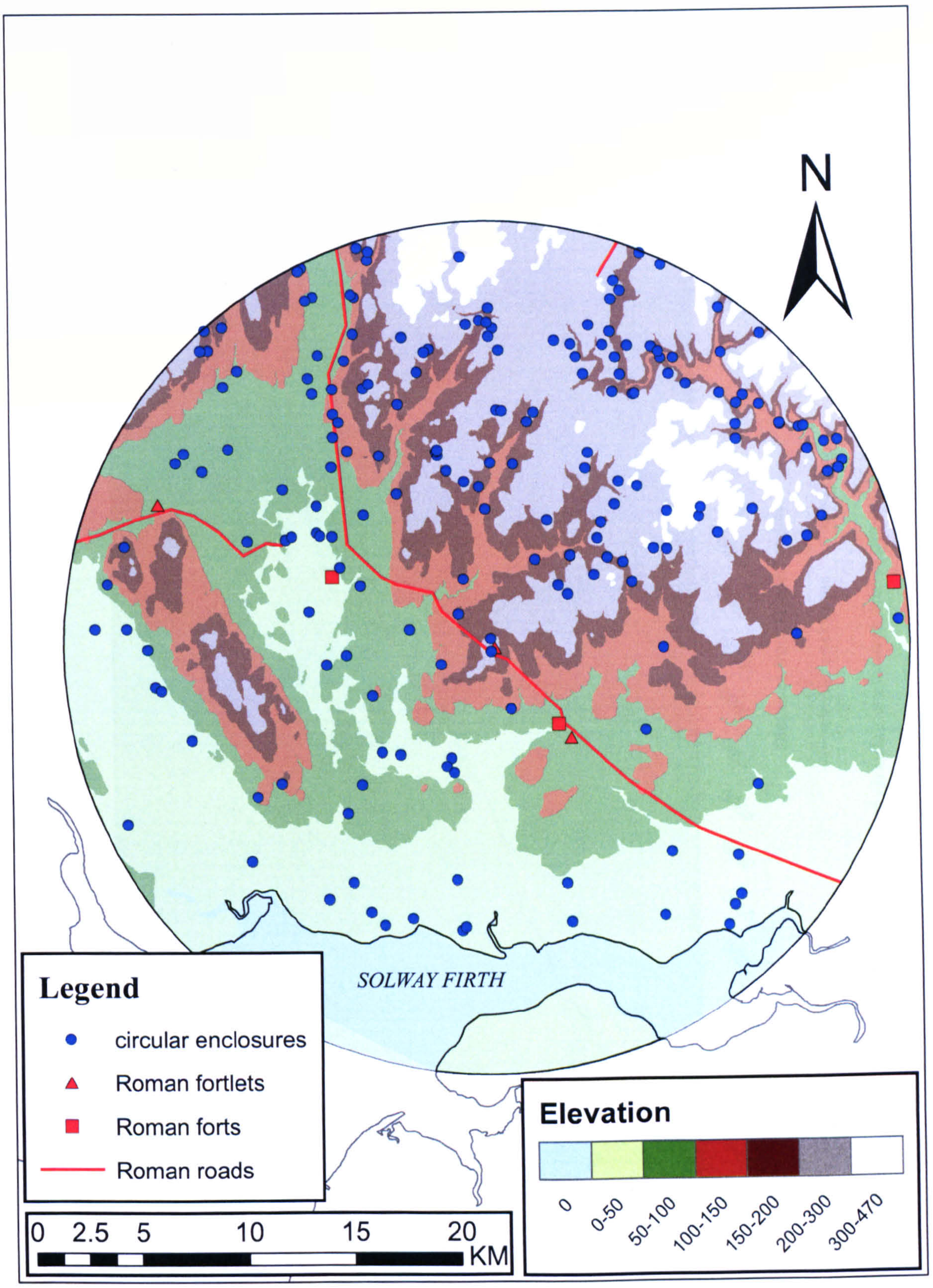


Figure 8-13 Distribution of circular enclosures and Roman infrastructure

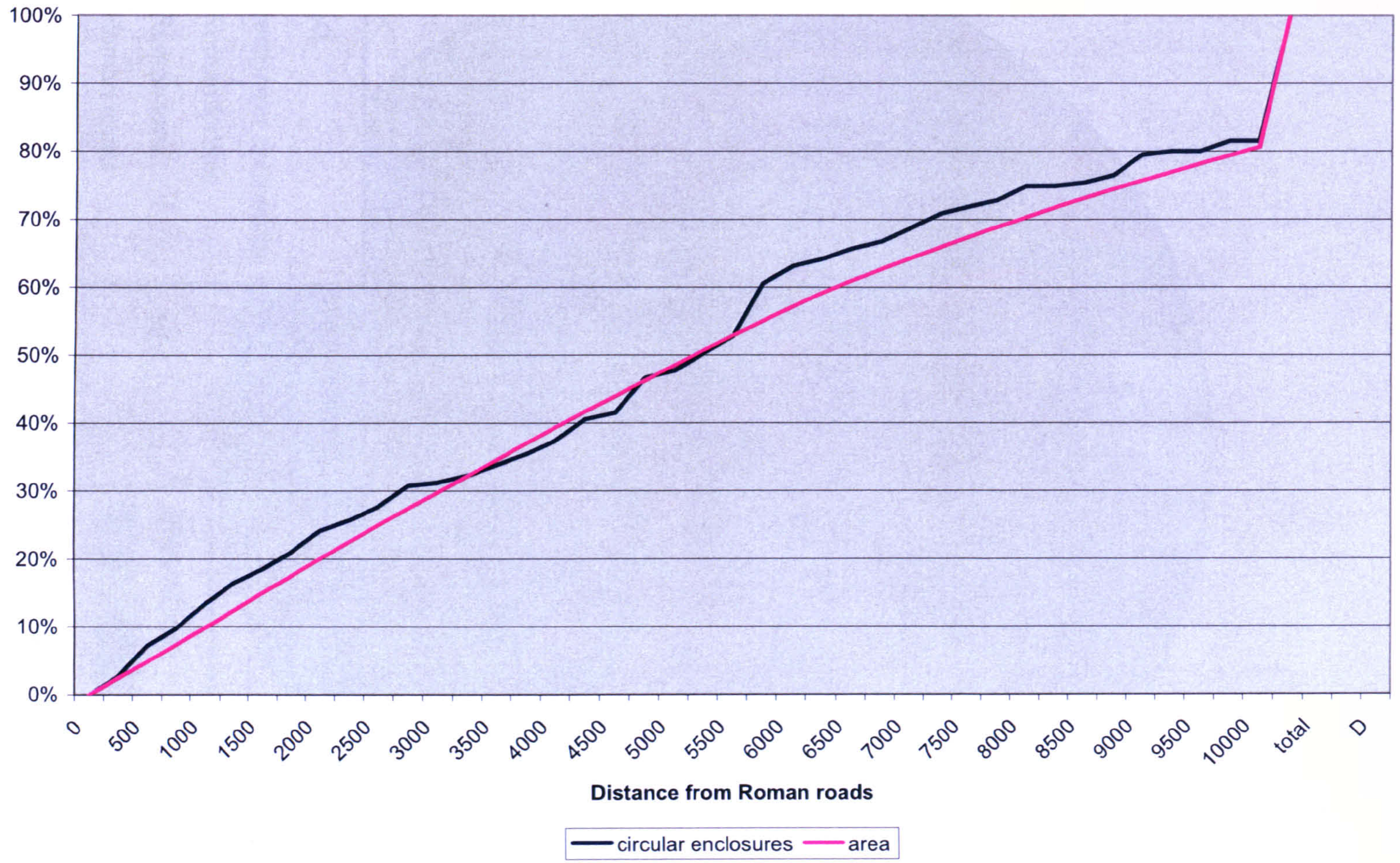


Figure 8-14 Graph of the difference between the actual distribution of circular enclosures and expected distribution in relation to their distance from Roman roads

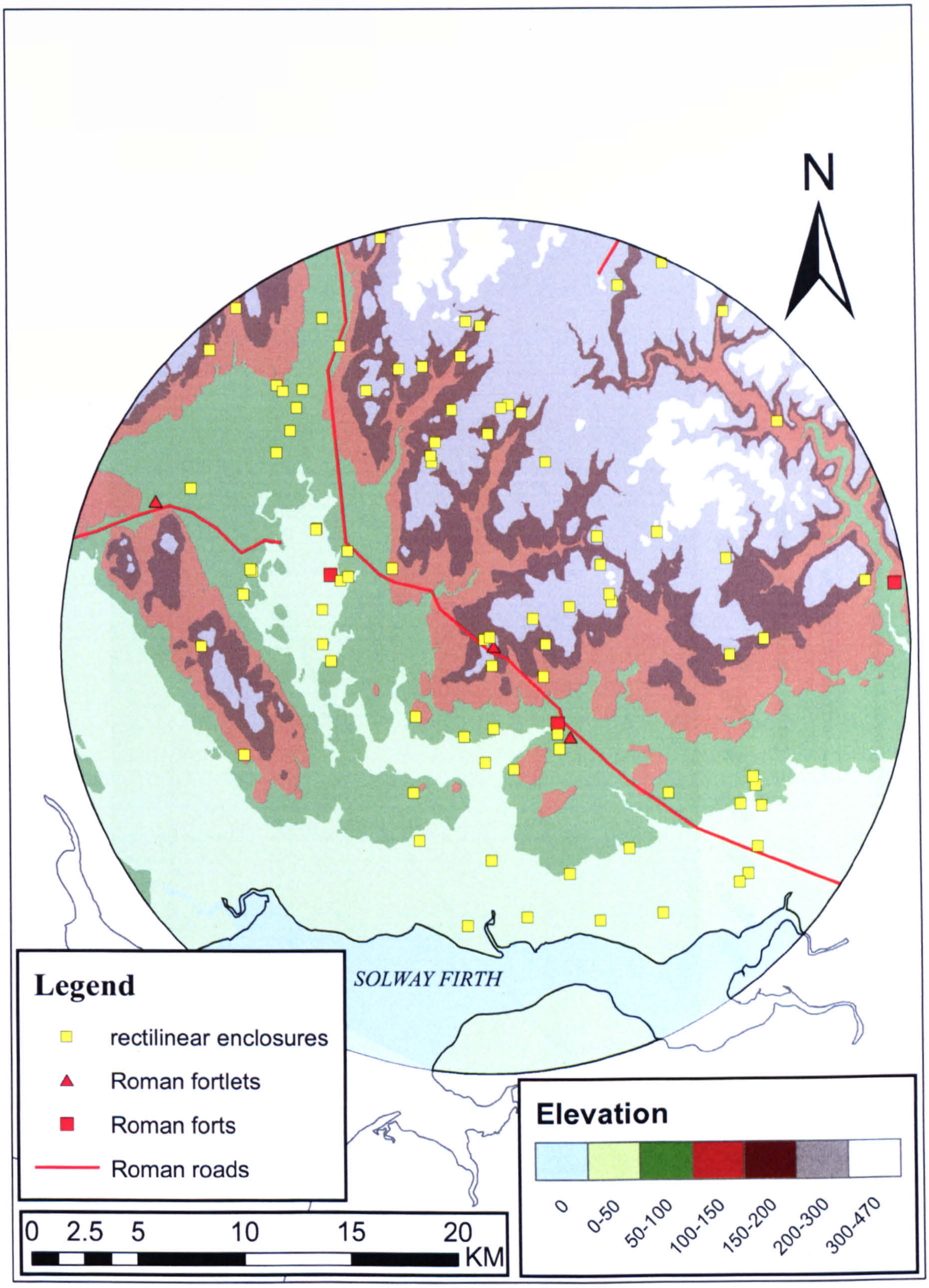


Figure 8-15 Distribution of rectilinear enclosures and Roman infrastructure

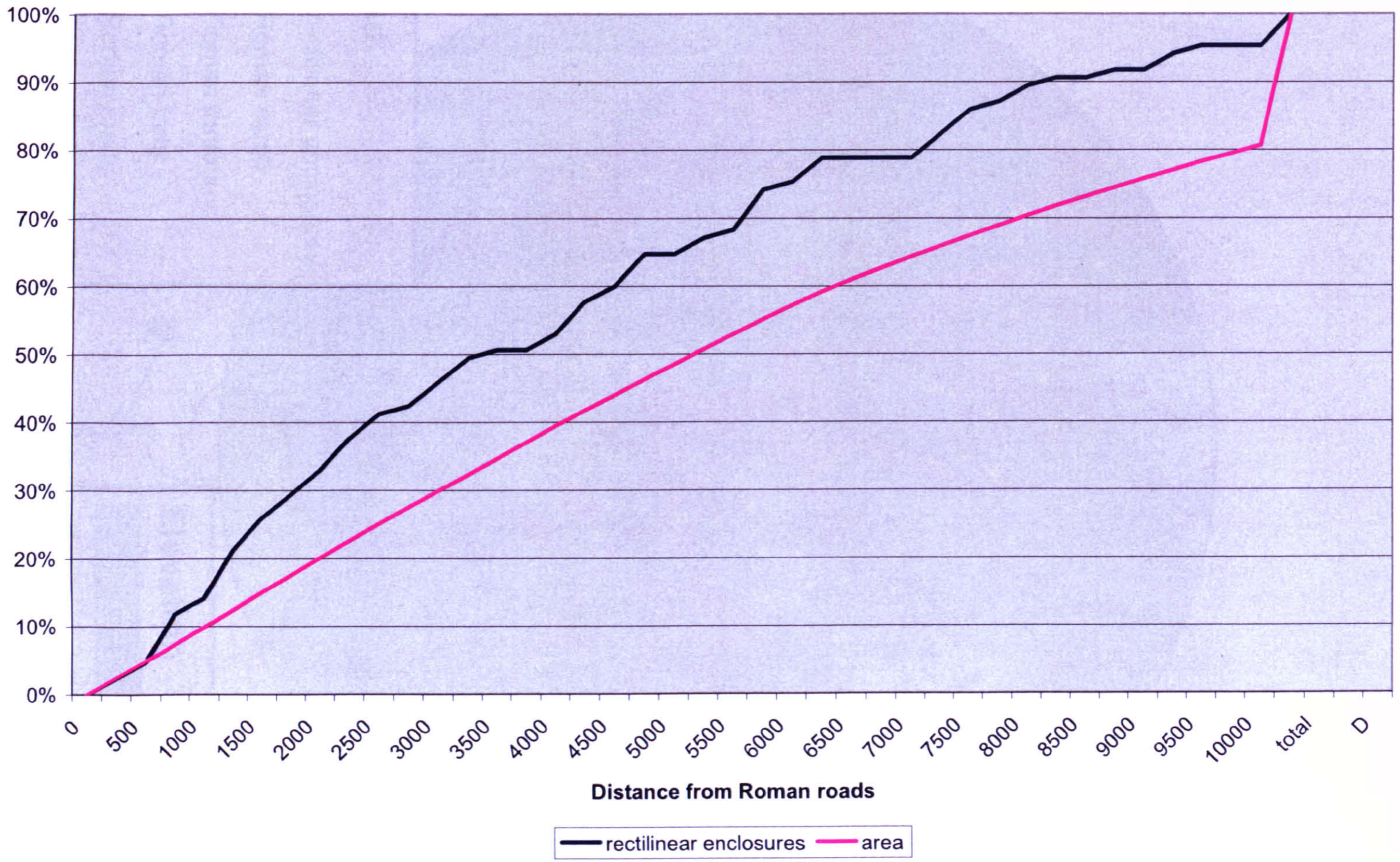


Figure 8-16 Graph of the difference between the actual distribution of rectilinear enclosures and expected distribution in relation to their distance from Roman roads

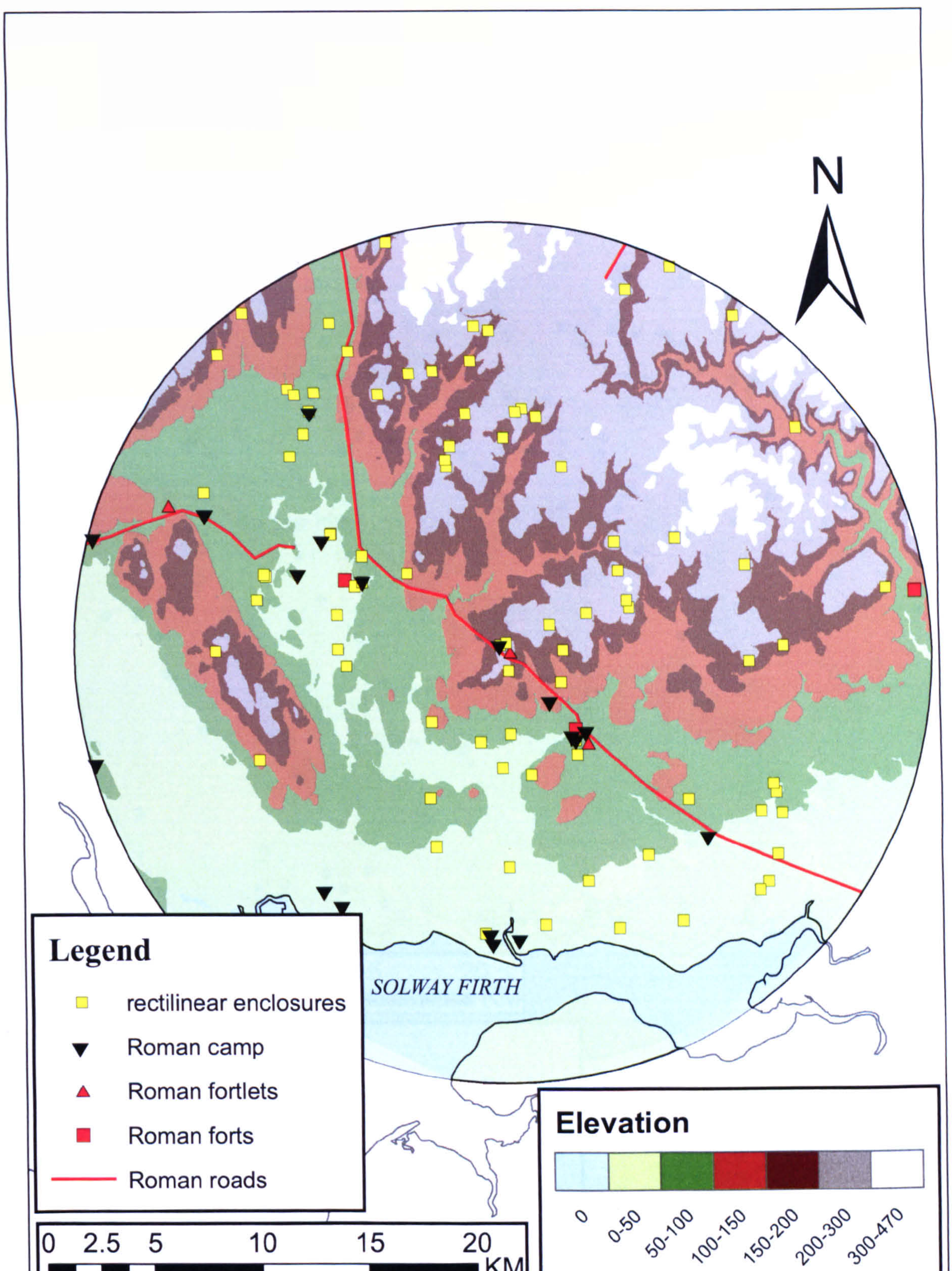


Figure 8-17 Distribution of rectilinear enclosures and Roman camps in the Dumfries area

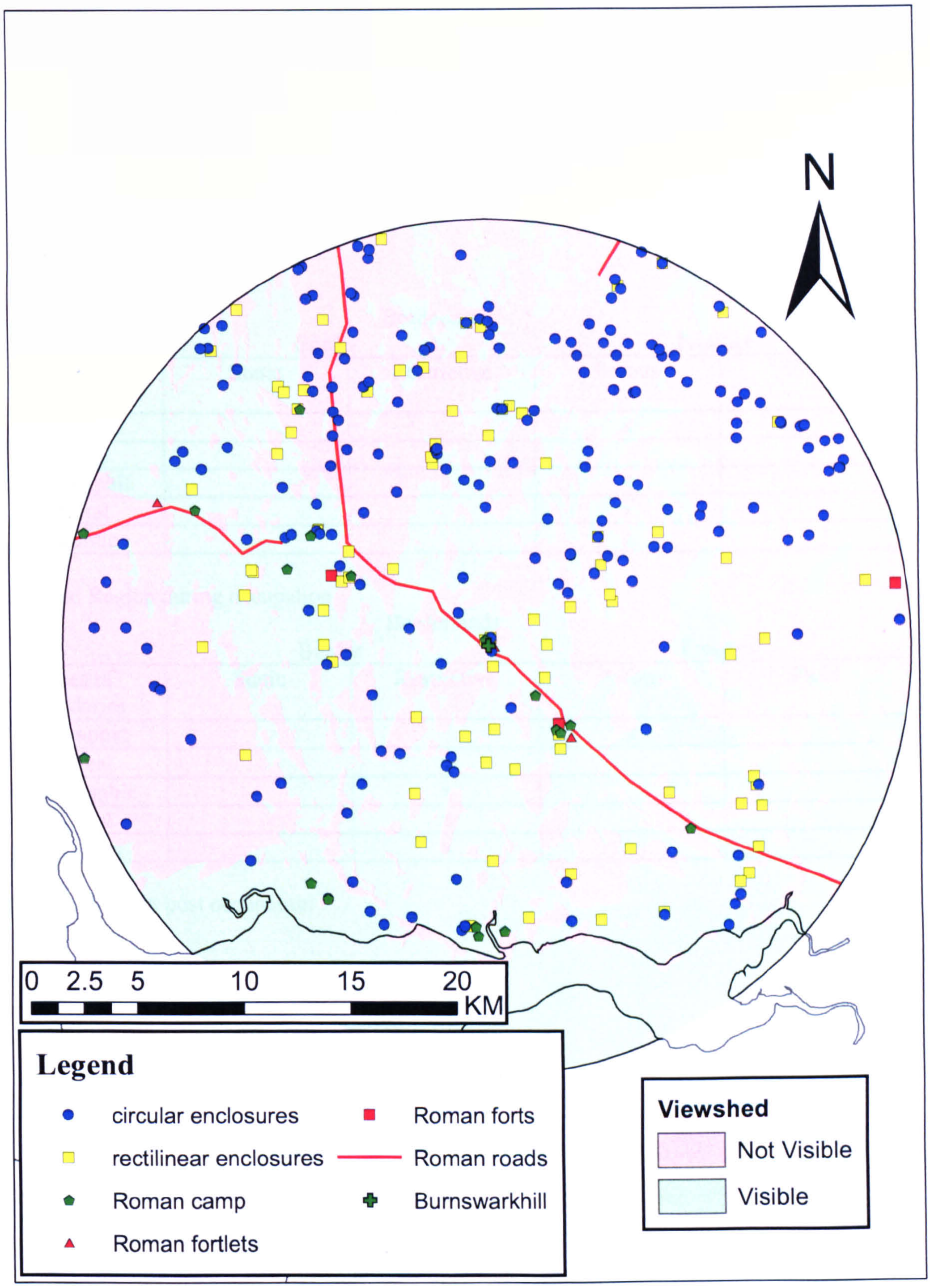


Figure 8-18 The visibility of Burnswark Hill in the surrounding area as calculated with ArcGIS

Borderlands

Border | Frontier

Types of Boundaries	Static	Restrictive	Porous	Fluid
Geographic			x	
Political				x
Demographic			x	
Cultural			x	
Economic			x	

Newstead Region during occupation

Borderlands

Border | Frontier

Types of Boundaries	Static	Restrictive	Porous	Fluid
Geographic			x	
Political		x		
Demographic		x		
Cultural		x		
Economic		x		

Newstead Region post occupation

Figure 9-1 The nature of the frontier in the Newstead region based on Parker 2006

Borderlands

Border | Frontier

Types of Boundaries	Static	Restrictive	Porous	Fluid
Geographic			x	
Political				x
Demographic				x
Cultural				x
Economic				x

Inveresk region during occupation

Borderlands

Border | Frontier

Types of Boundaries	Static	Restrictive	Porous	Fluid
Geographic			x	
Political			x	
Demographic		x		
Cultural			x	
Economic		x		

Inveresk Region post occupation

Figure 9-2 The nature of the frontier in the Inveresk region based on Parker 2006

Borderlands

Border | Frontier

Types of Boundaries	Static	Restrictive	Porous	Fluid
Geographic		x		
Political				x
Demographic		x		
Cultural		x		
Economic			x	

Dumfries Region during occupation

Borderlands

Border | Frontier

Types of Boundaries	Static	Restrictive	Porous	Fluid
Geographic		x		
Political		x		
Demographic	x			
Cultural	x			
Economic	x			

Dumfries Region post occupation

Figure 9-3 The nature of the frontier in the Dumfries region based on Parker 2006

Borderlands

	Border		Frontier	
Types of Boundaries	Static	Restrictive	Porous	Fluid
Geographic			x	
Political				x
Demographic			x	
Cultural			x	
Economic			x	

Overall Frontier during occupation

Borderlands

	Border		Frontier	
Types of Boundaries	Static	Restrictive	Porous	Fluid
Geographic			x	
Political		x		
Demographic		x		
Cultural		x		
Economic		x		

Overall Frontier Post occupation

Figure 9-4 The nature of the overall frontier of northern Britain based on Parker 2006

Appendix I Total number and counts of events by type and study area

Study Area	Newstead	Inveresk	Dumfries
Roman forts	3	3	3
fortlets	1	0	3
Roman camps	24	18	18
Roman coins	41	78	14
Roman finds	83	72	21
Roman signal towers	2	0	0
souterrains	1	4	0
brochs	2	0	0
linear earthworks	46	74	72
rectilinear enclosures	64	59	85
circular enclosures	118	120	195
total enclosures	400	440	462
total events	1134	1271	1344

Appendix Table 1

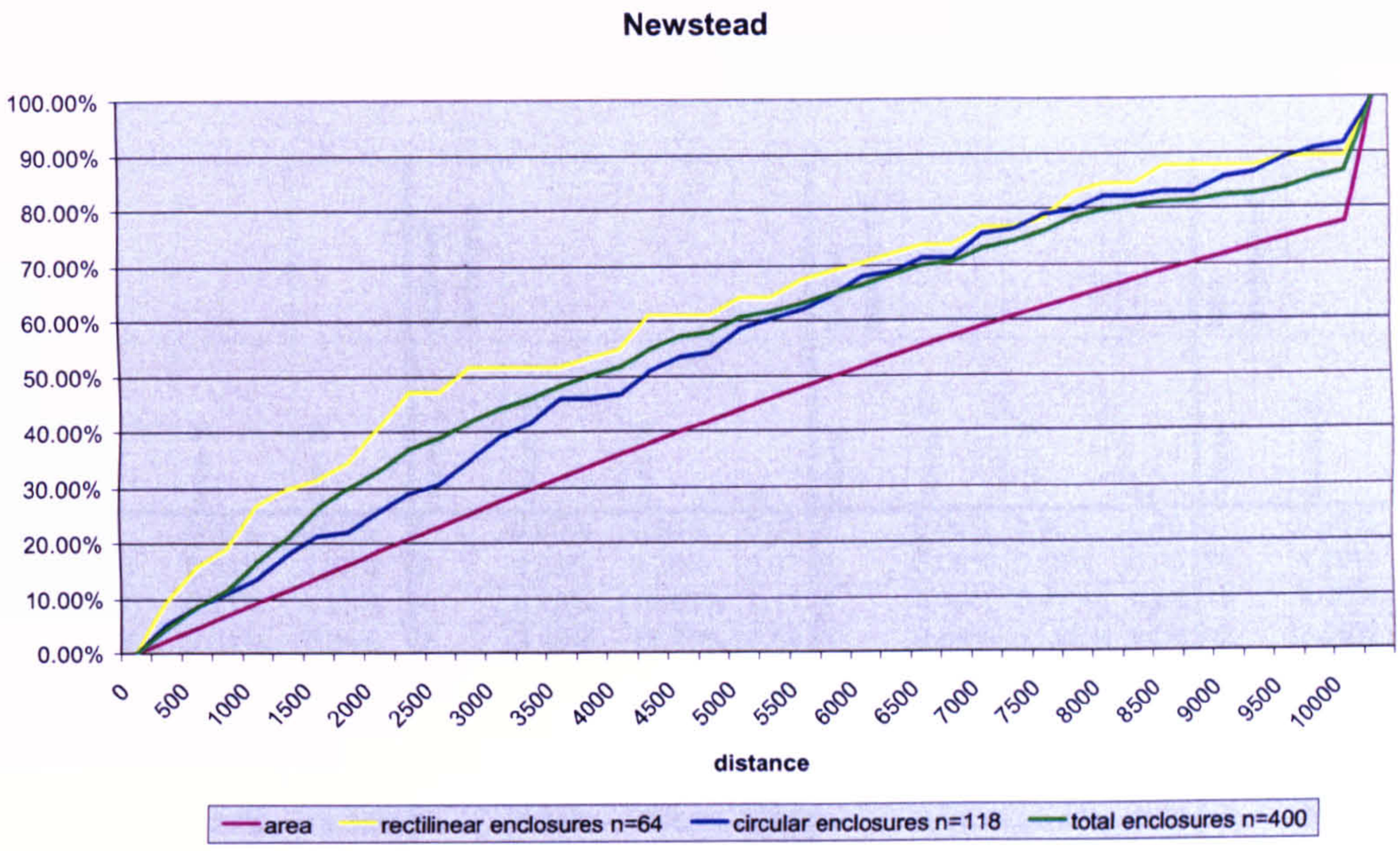
Appendix II The relationship between enclosure data and Roman infrastructure with KS-tests

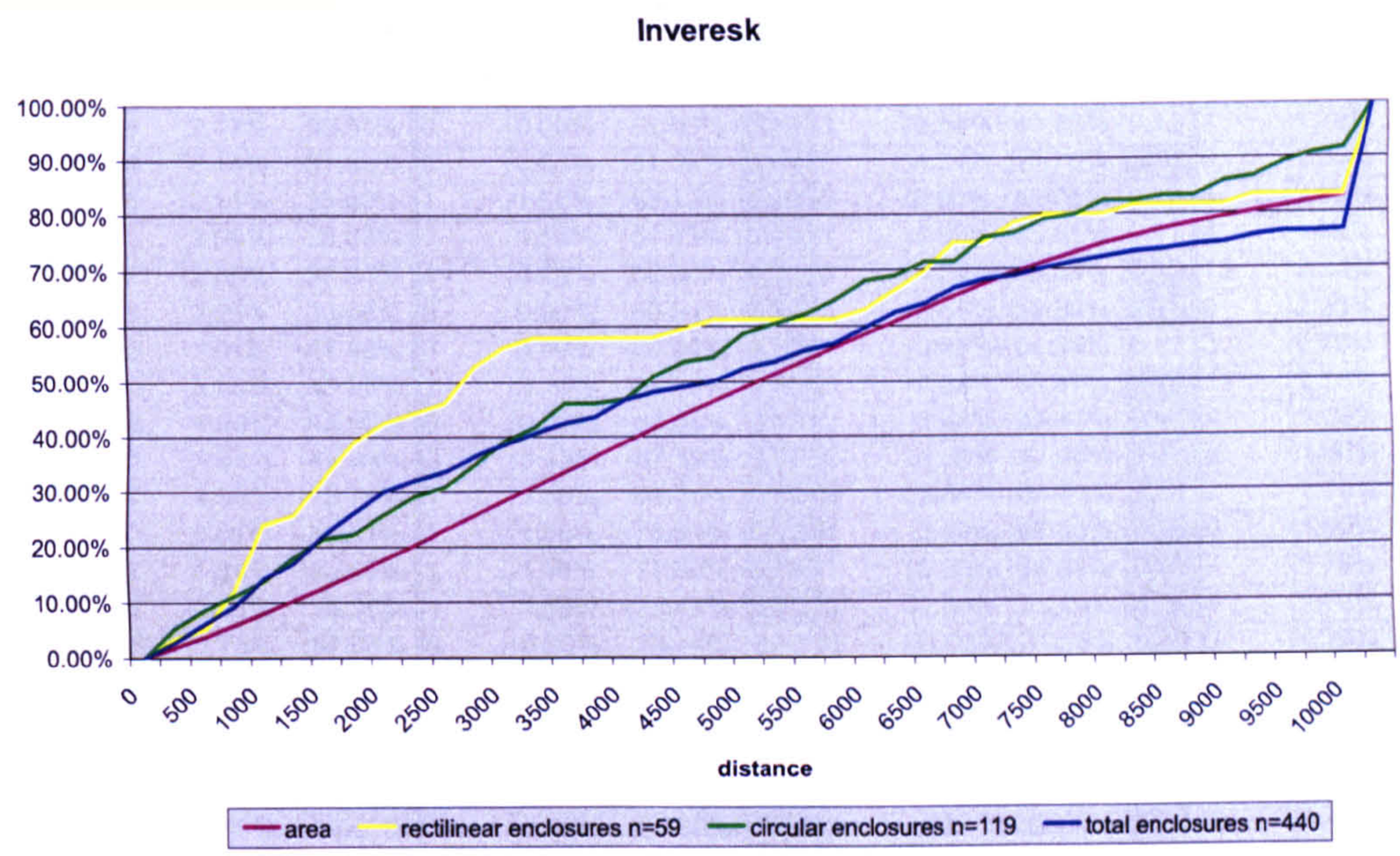
This quantitative method is conceptually uncomplicated being similar to the techniques utilised to study Roman towns and finds in southern England (Hodder 1974, 1975; Hodder & Hassall 1971; Hodder & Millett 1980; Hodder & Orton 1976), as it measures the distance between Roman infrastructure in a given study area and the types of enclosure. Distance buffers were created at set measurement intervals (250 metre), and the number of sites which occurred within each is counted, along with the total amount of area covered. The results are presented in a chart to display the cumulative trends in enclosure counts against the area covered. In order to test if the trends are significant, a one sample Kolmogorov-Smirnov (KS) test of goodness-of-fit was applied. The results are compared with the KS one sample critical value for a significance level of 0.05, which is calculated with Equation 1 (Wheatley & Gillings 2002):

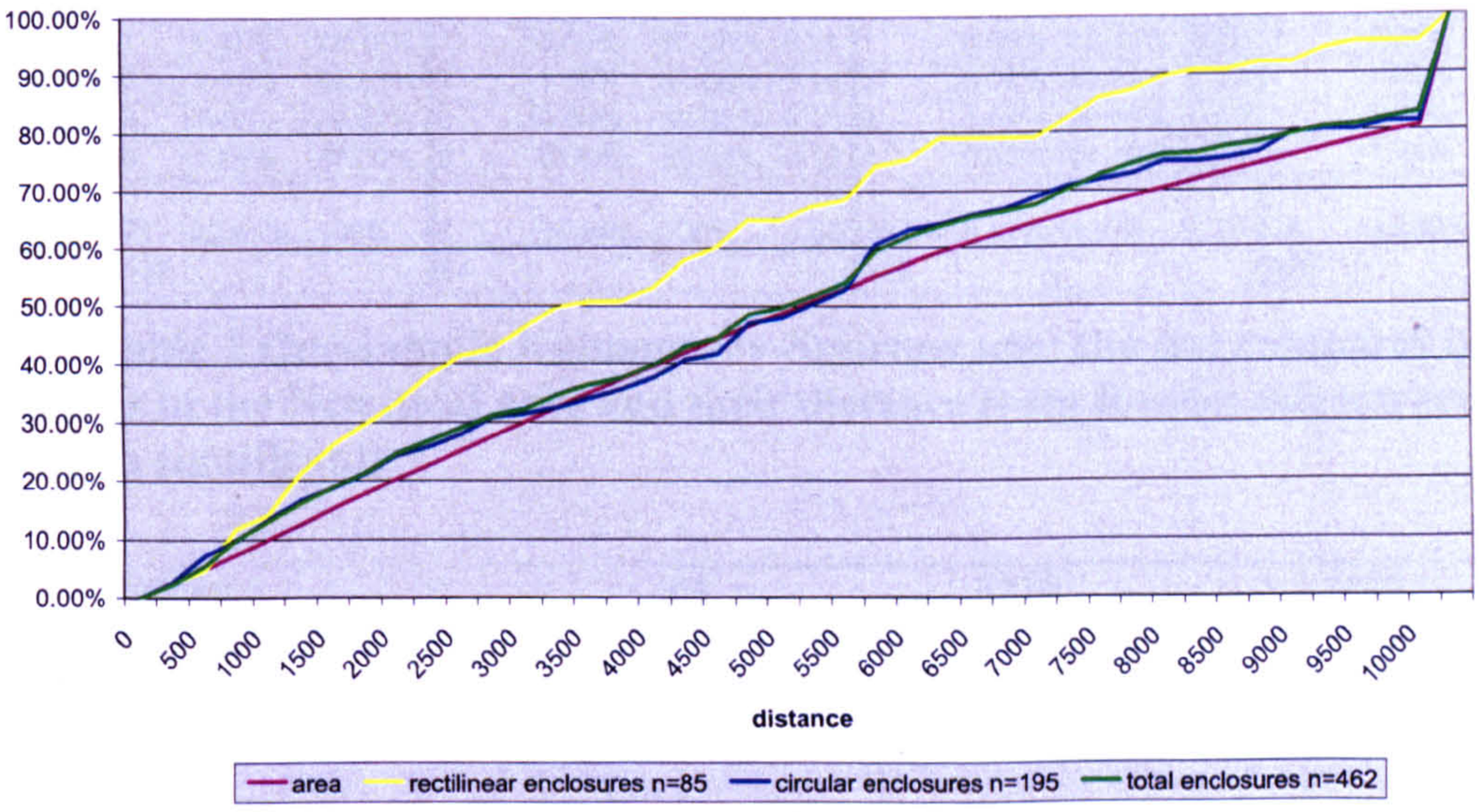
$$d \approx \frac{1.36}{\sqrt{n}}$$

Equation 1 Formula to determine the critical value to the level of 0.05 significance

The Kolmogorov-Smirnov test (KS test) measures the maximum difference ($Dmax_{obs}$) between the observed enclosure cumulative percents and the expected. This is then compared with the minimum required difference for the 0.05 ($Dmax_{.05}$) and tests whether the maximum difference is greater then the null hypothesis (H_0) and may be rejected at the 0.05 level (Shennan 1997, pp. 60-1).







Appendix Figure 1 Enclosures measured against distance from Roman infrastructure

Distance (m)	area m2	area %	cum %	rectilinear enclosures cases	cases %	cum %	D	circular enclosures cases	cases %	cum %	D	total enclosures cases	cases %	cum %	D
0	0	0.00%	0.00%	0	0.00%	0.00%	0.00	0	0.00%	0.00%	0.00	0	0.00%	0.00%	0.00
250	29133958	2.32%	2.32%	6	9.38%	9.38%	0.07	6	5.08%	5.08%	0.03	18	4.50%	4.50%	0.02
500	29066587	2.31%	4.63%	4	6.25%	15.63%	0.11	4	3.39%	8.47%	0.04	16	4.00%	8.50%	0.04
750	28989016	2.31%	6.94%	2	3.13%	18.75%	0.12	3	2.54%	11.02%	0.04	12	3.00%	11.50%	0.05
1000	28905828	2.30%	9.24%	5	7.81%	26.56%	0.17	3	2.54%	13.56%	0.04	20	5.00%	16.50%	0.07
1250	28819259	2.29%	11.54%	2	3.13%	29.69%	0.18	5	4.24%	17.80%	0.06	17	4.25%	20.75%	0.09
1500	28731103	2.29%	13.83%	1	1.56%	31.25%	0.17	4	3.39%	21.19%	0.07	21	5.25%	26.00%	0.12
1750	28642477	2.28%	16.11%	2	3.13%	34.38%	0.18	1	0.85%	22.03%	0.06	15	3.75%	29.75%	0.14
2000	28547434	2.27%	18.38%	4	6.25%	40.63%	0.22	4	3.39%	25.42%	0.07	12	3.00%	32.75%	0.14
2250	28449441	2.27%	20.65%	4	6.25%	46.88%	0.26	4	3.39%	28.81%	0.08	16	4.00%	36.75%	0.16
2500	28355504	2.26%	22.90%	0	0.00%	46.88%	0.24	2	1.69%	30.51%	0.08	8	2.00%	38.75%	0.16
2750	28273378	2.25%	25.16%	3	4.69%	51.56%	0.26	5	4.24%	34.75%	0.10	12	3.00%	41.75%	0.17
3000	27762444	2.21%	27.37%	0	0.00%	51.56%	0.24	5	4.24%	38.98%	0.12	9	2.25%	44.00%	0.17
3250	27286649	2.17%	29.54%	0	0.00%	51.56%	0.22	3	2.54%	41.53%	0.12	7	1.75%	45.75%	0.16
3500	26906488	2.14%	31.68%	0	0.00%	51.56%	0.20	5	4.24%	45.76%	0.14	9	2.25%	48.00%	0.16
3750	26552625	2.11%	33.80%	1	1.56%	53.13%	0.19	0	0.00%	45.76%	0.12	8	2.00%	50.00%	0.16
4000	26212981	2.09%	35.88%	1	1.56%	54.69%	0.19	1	0.85%	46.61%	0.11	6	1.50%	51.50%	0.16
4250	25878497	2.06%	37.94%	4	6.25%	60.94%	0.23	5	4.24%	50.85%	0.13	13	3.25%	54.75%	0.17
4500	25539973	2.03%	39.98%	0	0.00%	60.94%	0.21	3	2.54%	53.39%	0.13	9	2.25%	57.00%	0.17
4750	25198339	2.01%	41.98%	0	0.00%	60.94%	0.19	1	0.85%	54.24%	0.12	3	0.75%	57.75%	0.16
5000	24858920	1.98%	43.96%	2	3.13%	64.06%	0.20	5	4.24%	58.47%	0.15	11	2.75%	60.50%	0.17
5250	24520836	1.95%	45.92%	0	0.00%	64.06%	0.18	2	1.69%	60.17%	0.14	4	1.00%	61.50%	0.16
5500	24182521	1.93%	47.84%	2	3.13%	67.19%	0.19	2	1.69%	61.86%	0.14	6	1.50%	63.00%	0.15
5750	23833237	1.90%	49.74%	1	1.56%	68.75%	0.19	3	2.54%	64.41%	0.15	7	1.75%	64.75%	0.15
6000	23477610	1.87%	51.61%	1	1.56%	70.31%	0.19	4	3.39%	67.80%	0.16	6	1.50%	66.25%	0.15
6250	23121387	1.84%	53.45%	1	1.56%	71.88%	0.18	1	0.85%	68.64%	0.15	7	1.75%	68.00%	0.15
6500	22760787	1.81%	55.26%	1	1.56%	73.44%	0.18	3	2.54%	71.19%	0.16	7	1.75%	69.75%	0.14
6750	22399286	1.78%	57.05%	0	0.00%	73.44%	0.16	0	0.00%	71.19%	0.14	3	0.75%	70.50%	0.13
7000	22023924	1.75%	58.80%	2	3.13%	76.56%	0.18	5	4.24%	75.42%	0.17	9	2.25%	72.75%	0.14
7250	21647111	1.72%	60.52%	0	0.00%	76.56%	0.16	1	0.85%	76.27%	0.16	5	1.25%	74.00%	0.13
7500	21264468	1.69%	62.22%	1	1.56%	78.13%	0.16	3	2.54%	78.81%	0.17	7	1.75%	75.75%	0.14
7750	20882507	1.66%	63.88%	3	4.69%	82.81%	0.19	1	0.85%	79.66%	0.16	10	2.50%	78.25%	0.14
8000	20492330	1.63%	65.51%	1	1.56%	84.38%	0.19	3	2.54%	82.20%	0.17	5	1.25%	79.50%	0.14
8250	20092825	1.60%	67.11%	0	0.00%	84.38%	0.17	0	0.00%	82.20%	0.15	3	0.75%	80.25%	0.13
8500	19691571	1.57%	68.68%	2	3.13%	87.50%	0.19	1	0.85%	83.05%	0.14	3	0.75%	81.00%	0.12
8750	19283700	1.54%	70.22%	0	0.00%	87.50%	0.17	0	0.00%	83.05%	0.13	1	0.25%	81.25%	0.11
9000	18873968	1.50%	71.72%	0	0.00%	87.50%	0.16	3	2.54%	85.59%	0.14	4	1.00%	82.25%	0.11
9250	18452007	1.47%	73.19%	0	0.00%	87.50%	0.14	1	0.85%	86.44%	0.13	1	0.25%	82.50%	0.09
9500	18027650	1.44%	74.62%	1	1.56%	89.06%	0.14	3	2.54%	88.98%	0.14	4	1.00%	83.50%	0.09
9750	17588876	1.40%	76.02%	0	0.00%	89.06%	0.13	2	1.69%	90.68%	0.15	7	1.75%	85.25%	0.09
10000	17129359	1.36%	77.39%	0	0.00%	89.06%	0.12	1	0.85%	91.53%	0.14	5	1.25%	86.50%	0.09
over 10000	283954271	22.61%	100%	7	10.94%	100%	0.00	10	8.47%	100%	0.00	54	13.50%	100%	0.00
total	1255811132			64				118				400			

Appendix Table 2 One-sample Kolmogorov-Smirnov test: the test compares types of enclosures in the Newstead area and their distance from Roman infrastructure (shaded area significant)

number of instances	64	118	400
K-S test equation for a .05 significance	1.36/(SQRT(64))	1.36/(SQRT(118))	1.36/(SQRT(400))
needed result to reject the null hypothesis	0.17	0.13	0.07

Distance (m)	area m2	area %	cum %	rectilinear enclosures cases	cases %	cum %	D	circular enclosures cases	cases %	cum %	D	total enclosures cases	cases %	cum %	D
0	0	0.00%	0.00%	0	0.00%	0.00%	0.00	0	0.00%	0.00%	0.00	0	0.00%	0.00%	0.00
250	614500	1.82%	1.82%	2	3.39%	3.39%	0.02	2	1.68%	1.68%	0.00	12	2.73%	2.73%	0.01
500	673665	1.99%	3.81%	1	1.69%	5.08%	0.01	8	6.72%	8.40%	0.05	15	3.41%	6.14%	0.02
750	706668	2.09%	5.90%	4	6.78%	11.86%	0.06	5	4.20%	12.61%	0.07	13	2.95%	9.09%	0.03
1000	730757	2.16%	8.07%	7	11.86%	23.73%	0.16	5	4.20%	16.81%	0.09	22	5.00%	14.09%	0.06
1250	755824	2.24%	10.30%	1	1.69%	25.42%	0.15	6	5.04%	21.85%	0.12	12	2.73%	16.82%	0.07
1500	784453	2.32%	12.63%	4	6.78%	32.20%	0.20	8	6.72%	28.57%	0.16	22	5.00%	21.82%	0.09
1750	814601	2.41%	15.04%	4	6.78%	38.98%	0.24	3	2.52%	31.09%	0.16	18	4.09%	25.91%	0.11
2000	847306	2.51%	17.55%	2	3.39%	42.37%	0.25	3	2.52%	33.61%	0.16	17	3.86%	29.77%	0.12
2250	880593	2.61%	20.15%	1	1.69%	44.07%	0.24	0	0.00%	33.61%	0.13	9	2.05%	31.82%	0.12
2500	913893	2.71%	22.86%	1	1.69%	45.76%	0.23	3	2.52%	36.13%	0.13	7	1.59%	33.41%	0.11
2750	908176	2.69%	25.55%	4	6.78%	52.54%	0.27	5	4.20%	40.34%	0.15	13	2.95%	36.36%	0.11
3000	888525	2.63%	28.18%	2	3.39%	55.93%	0.28	3	2.52%	42.86%	0.15	9	2.05%	38.41%	0.10
3250	896950	2.65%	30.83%	1	1.69%	57.63%	0.27	4	3.36%	46.22%	0.15	9	2.05%	40.45%	0.10
3500	907591	2.69%	33.52%	0	0.00%	57.63%	0.24	1	0.84%	47.06%	0.14	8	1.82%	42.27%	0.09
3750	921088	2.73%	36.24%	0	0.00%	57.63%	0.21	2	1.68%	48.74%	0.12	5	1.14%	43.41%	0.07
4000	918808	2.72%	38.96%	0	0.00%	57.63%	0.19	8	6.72%	55.46%	0.16	14	3.18%	46.59%	0.08
4250	864585	2.56%	41.52%	0	0.00%	57.63%	0.16	1	0.84%	56.30%	0.15	6	1.36%	47.95%	0.06
4500	842857	2.49%	44.02%	1	1.69%	59.32%	0.15	1	0.84%	57.14%	0.13	4	0.91%	48.86%	0.05
4750	831795	2.46%	46.48%	1	1.69%	61.02%	0.15	0	0.00%	57.14%	0.11	5	1.14%	50.00%	0.04
5000	819660	2.43%	48.91%	0	0.00%	61.02%	0.12	2	1.68%	58.82%	0.10	10	2.27%	52.27%	0.03
5250	807904	2.39%	51.30%	0	0.00%	61.02%	0.10	3	2.52%	61.34%	0.10	5	1.14%	53.41%	0.02
5500	801915	2.37%	53.67%	0	0.00%	61.02%	0.07	1	0.84%	62.18%	0.09	9	2.05%	55.45%	0.02
5750	790616	2.34%	56.01%	0	0.00%	61.02%	0.05	2	1.68%	63.87%	0.08	5	1.14%	56.59%	0.01
6000	782365	2.32%	58.33%	1	1.69%	62.71%	0.04	5	4.20%	68.07%	0.10	13	2.95%	59.55%	0.01
6250	775734	2.30%	60.62%	2	3.39%	66.10%	0.05	3	2.52%	70.59%	0.10	12	2.73%	62.27%	0.02
6500	769347	2.28%	62.90%	2	3.39%	69.49%	0.07	1	0.84%	71.43%	0.09	7	1.59%	63.86%	0.01
6750	765242	2.27%	65.17%	3	5.08%	74.58%	0.09	3	2.52%	73.95%	0.09	12	2.73%	66.59%	0.01
7000	725824	2.15%	67.31%	0	0.00%	74.58%	0.07	1	0.84%	74.79%	0.07	6	1.36%	67.95%	0.01
7250	665338	1.97%	69.28%	2	3.39%	77.97%	0.09	1	0.84%	75.63%	0.06	3	0.68%	68.64%	-0.01
7500	623879	1.85%	71.13%	1	1.69%	79.66%	0.09	1	0.84%	76.47%	0.05	6	1.36%	70.00%	-0.01
7750	588160	1.74%	72.87%	0	0.00%	79.66%	0.07	4	3.36%	79.83%	0.07	5	1.14%	71.14%	-0.02
8000	543461	1.61%	74.48%	0	0.00%	79.66%	0.05	0	0.00%	79.83%	0.05	4	0.91%	72.05%	-0.02
8250	449133	1.33%	75.81%	1	1.69%	81.36%	0.06	0	0.00%	79.83%	0.04	4	0.91%	72.95%	-0.03
8500	405820	1.20%	77.01%	0	0.00%	81.36%	0.04	0	0.00%	79.83%	0.03	2	0.45%	73.41%	-0.04
8750	378509	1.12%	78.13%	0	0.00%	81.36%	0.03	1	0.84%	80.67%	0.03	3	0.68%	74.09%	-0.04
9000	357533	1.06%	79.19%	0	0.00%	81.36%	0.02	0	0.00%	80.67%	0.01	2	0.45%	74.55%	-0.05
9250	337575	1.00%	80.19%	1	1.69%	83.05%	0.03	0	0.00%	80.67%	0.00	5	1.14%	75.68%	-0.05
9500	318555	0.94%	81.13%	0	0.00%	83.05%	0.02	1	0.84%	81.51%	0.00	3	0.68%	76.36%	-0.05
9750	301779	0.89%	82.02%	0	0.00%	83.05%	0.01	0	0.00%	81.51%	-0.01	0	0.00%	76.36%	-0.06
10000	292046	0.86%	82.89%	0	0.00%	83.05%	0.00	0	0.00%	81.51%	-0.01	1	0.23%	76.59%	-0.06
over 10000	5780970	17.11%	100%	10	16.95%	100%	0.00	22	18.49%	100%	0.00	103	23.41%	100%	0.00
total	33784000			59				119				440			

Appendix Table 3 One-sample Kolmogorov-Smirnov test: the test compares types of enclosures in the Inveresk area and their distance from Roman infrastructure (shaded area significant)

number of instances	59	119	440
K-S test equation for a .05 significance	1.36/(SQRT(59))	1.36/(SQRT(119))	1.36/(SQRT(440))
needed result to reject the null hypothesis	0.18	0.12	0.06

Distance (m)	area m2	area %	cum %	rectilinear enclosures cases	cases %	cum %	D	circular enclosures cases	cases %	cum %	D	total enclosures cases	cases %	cum %	D
0	0	0.00%	0.00%	0	0.00%	0.00%	0.00	0	0.00%	0.00%	0.00	0	0.00%	0.00%	0.00
250	280848	2.44%	2.44%	2	2.35%	2.35%	0.00	5	2.56%	2.56%	0.00	10	2.16%	2.16%	0.00
500	284384	2.47%	4.90%	2	2.35%	4.71%	0.00	9	4.62%	7.18%	0.02	15	3.25%	5.41%	0.01
750	287950	2.50%	7.40%	6	7.06%	11.76%	0.04	5	2.56%	9.74%	0.02	21	4.55%	9.96%	0.03
1000	291346	2.53%	9.93%	2	2.35%	14.12%	0.04	7	3.59%	13.33%	0.03	14	3.03%	12.99%	0.03
1250	294643	2.56%	12.48%	6	7.06%	21.18%	0.09	6	3.08%	16.41%	0.04	14	3.03%	16.02%	0.04
1500	297503	2.58%	15.06%	4	4.71%	25.88%	0.11	4	2.05%	18.46%	0.03	12	2.60%	18.61%	0.04
1750	293214	2.54%	17.60%	3	3.53%	29.41%	0.12	5	2.56%	21.03%	0.03	12	2.60%	21.21%	0.04
2000	289082	2.51%	20.11%	3	3.53%	32.94%	0.13	6	3.08%	24.10%	0.04	15	3.25%	24.46%	0.04
2250	284842	2.47%	22.58%	4	4.71%	37.65%	0.15	3	1.54%	25.64%	0.03	10	2.16%	26.62%	0.04
2500	282665	2.45%	25.03%	3	3.53%	41.18%	0.16	4	2.05%	27.69%	0.03	10	2.16%	28.79%	0.04
2750	281480	2.44%	27.47%	1	1.18%	42.35%	0.15	6	3.08%	30.77%	0.03	10	2.16%	30.95%	0.03
3000	280320	2.43%	29.90%	3	3.53%	45.88%	0.16	1	0.51%	31.28%	0.01	5	1.08%	32.03%	0.02
3250	278521	2.42%	32.32%	3	3.53%	49.41%	0.17	2	1.03%	32.31%	0.00	11	2.38%	34.42%	0.02
3500	276159	2.39%	34.71%	1	1.18%	50.59%	0.16	3	1.54%	33.85%	-0.01	8	1.73%	36.15%	0.01
3750	273954	2.38%	37.09%	0	0.00%	50.59%	0.13	3	1.54%	35.38%	-0.02	5	1.08%	37.23%	0.00
4000	270912	2.35%	39.44%	2	2.35%	52.94%	0.14	4	2.05%	37.44%	-0.02	11	2.38%	39.61%	0.00
4250	266347	2.31%	41.75%	4	4.71%	57.65%	0.16	6	3.08%	40.51%	-0.01	14	3.03%	42.64%	0.01
4500	262574	2.28%	44.03%	2	2.35%	60.00%	0.16	2	1.03%	41.54%	-0.02	7	1.52%	44.16%	0.00
4750	259246	2.25%	46.27%	4	4.71%	64.71%	0.18	10	5.13%	46.67%	0.00	19	4.11%	48.27%	0.02
5000	256433	2.22%	48.50%	0	0.00%	64.71%	0.16	2	1.03%	47.69%	-0.01	6	1.30%	49.57%	0.01
5250	254503	2.21%	50.70%	2	2.35%	67.06%	0.16	5	2.56%	50.26%	0.00	9	1.95%	51.52%	0.01
5500	251953	2.18%	52.89%	1	1.18%	68.24%	0.15	5	2.56%	52.82%	0.00	11	2.38%	53.90%	0.01
5750	249176	2.16%	55.05%	5	5.88%	74.12%	0.19	15	7.69%	60.51%	0.05	25	5.41%	59.31%	0.04
6000	245672	2.13%	57.18%	1	1.18%	75.29%	0.18	5	2.56%	63.08%	0.06	12	2.60%	61.90%	0.05
6250	228366	1.98%	59.16%	3	3.53%	78.82%	0.20	2	1.03%	64.10%	0.05	8	1.73%	63.64%	0.04
6500	209474	1.82%	60.98%	0	0.00%	78.82%	0.18	3	1.54%	65.64%	0.05	8	1.73%	65.37%	0.04
6750	195536	1.70%	62.67%	0	0.00%	78.82%	0.16	2	1.03%	66.67%	0.04	4	0.87%	66.23%	0.04
7000	187155	1.62%	64.30%	0	0.00%	78.82%	0.15	4	2.05%	68.72%	0.04	5	1.08%	67.32%	0.03
7250	180350	1.56%	65.86%	3	3.53%	82.35%	0.16	4	2.05%	70.77%	0.05	13	2.81%	70.13%	0.04
7500	175759	1.52%	67.38%	3	3.53%	85.88%	0.18	2	1.03%	71.79%	0.04	11	2.38%	72.51%	0.05
7750	172459	1.50%	68.88%	1	1.18%	87.06%	0.18	2	1.03%	72.82%	0.04	9	1.95%	74.46%	0.06
8000	168463	1.46%	70.34%	2	2.35%	89.41%	0.19	4	2.05%	74.87%	0.05	7	1.52%	75.97%	0.06
8250	164835	1.43%	71.77%	1	1.18%	90.59%	0.19	0	0.00%	74.87%	0.03	1	0.22%	76.19%	0.04
8500	159579	1.38%	73.15%	0	0.00%	90.59%	0.17	1	0.51%	75.38%	0.02	5	1.08%	77.27%	0.04
8750	150451	1.30%	74.46%	1	1.18%	91.76%	0.17	2	1.03%	76.41%	0.02	3	0.65%	77.92%	0.03
9000	146849	1.27%	75.73%	0	0.00%	91.76%	0.16	6	3.08%	79.49%	0.04	6	1.30%	79.22%	0.03
9250	143944	1.25%	76.98%	2	2.35%	94.12%	0.17	1	0.51%	80.00%	0.03	6	1.30%	80.52%	0.04
9500	145027	1.26%	78.24%	1	1.18%	95.29%	0.17	0	0.00%	80.00%	0.02	2	0.43%	80.95%	0.03
9750	142429	1.24%	79.47%	0	0.00%	95.29%	0.16	3	1.54%	81.54%	0.02	5	1.08%	82.03%	0.03
10000	138629	1.20%	80.68%	0	0.00%	95.29%	0.15	0	0.00%	81.54%	0.01	5	1.08%	83.12%	0.02
over 10000	2228401	19.32%	100%	4	4.71%	100%	0.00	36	18.46%	100%	0.00	78	16.88%	100%	0.00
total	11531433			85				195				462			

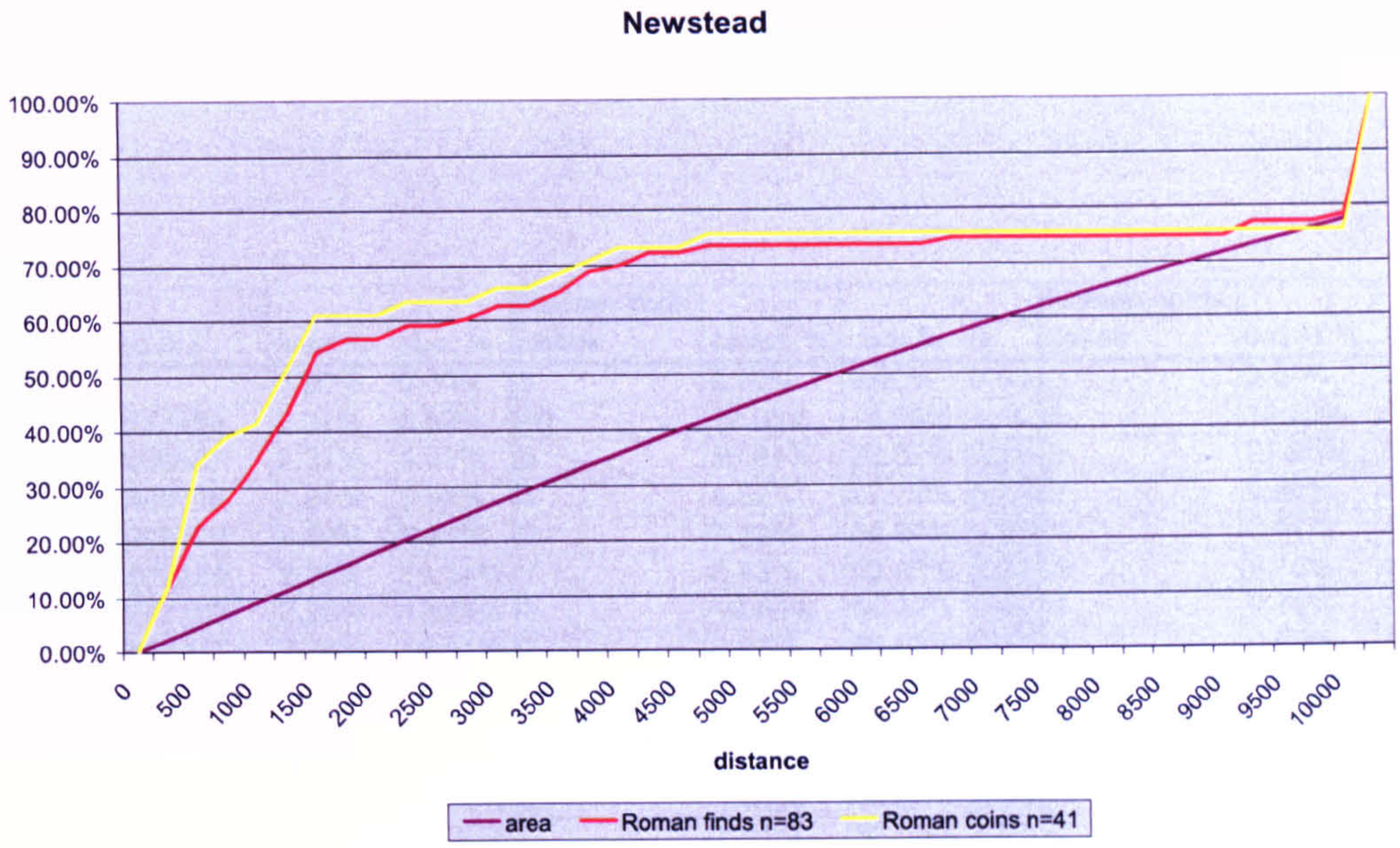
Appendix Table 4 One-sample Kolmogorov-Smirnov test: the test compares types of enclosures in the Dumfries area and their distance from Roman infrastructure (shaded area significant)

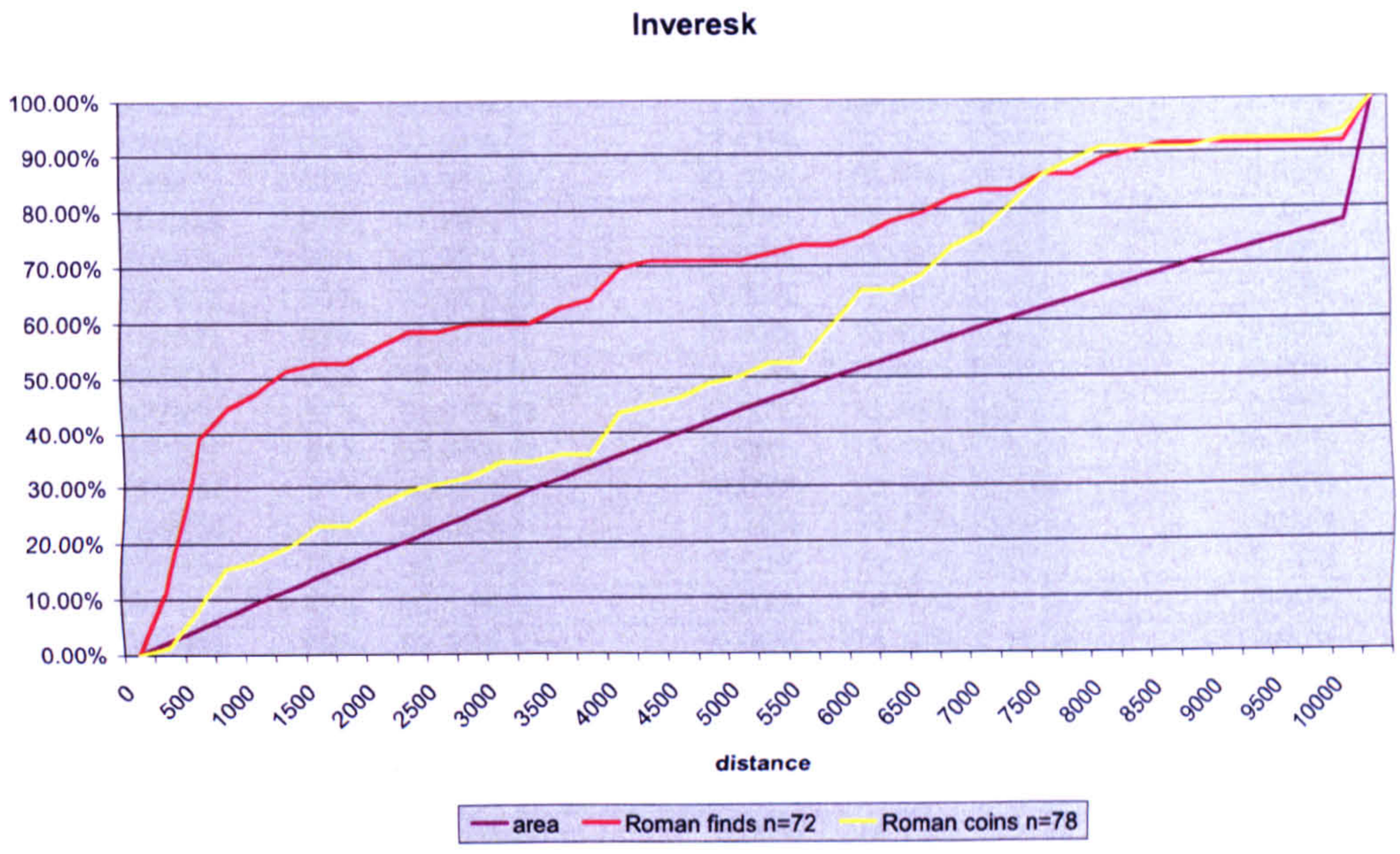
number of instances	85	195	462
K-S test equation for a .05 significance	1.36/(SQRT(85))	1.36/(SQRT(195))	1.36/(SQRT(462))
needed result to reject the null hypothesis	0.15	0.1	0.06

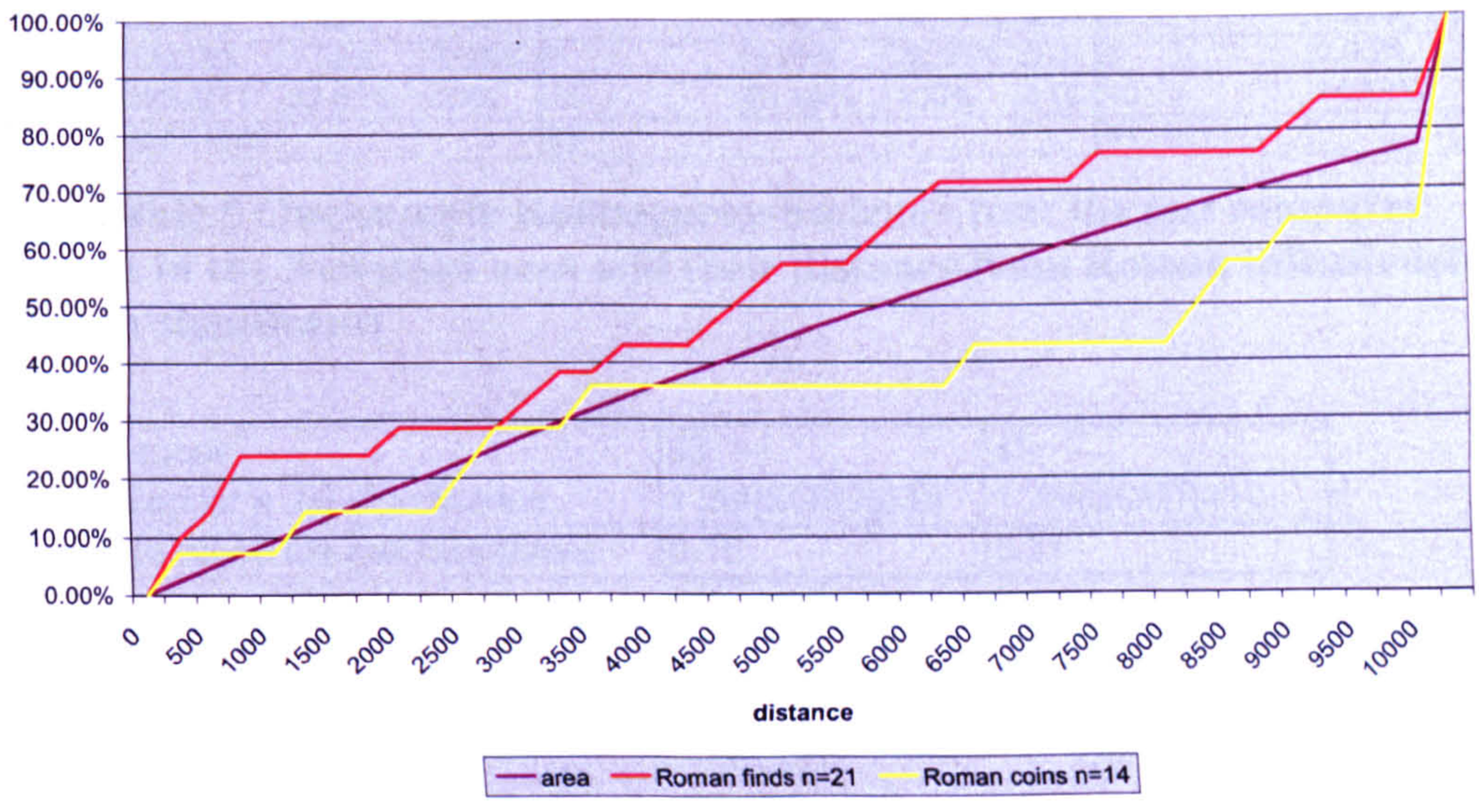
Appendix III The relationship between Roman finds events and Roman infrastructure with KS-tests

This quantitative method is conceptually uncomplicated being similar to the techniques utilised to study Roman towns and finds in southern England (Hodder 1974, 1975; Hodder & Hassall 1971; Hodder & Millett 1980; Hodder & Orton 1976), as it measures the distance between Roman infrastructure in a given study area and the types of finds. Distance buffers were created at set measurement intervals (250 metre), and the number of finds which occurred within each is counted, along with the total amount of area covered. The results are presented in a chart to display the cumulative trends in enclosure counts against the area covered. In order to test if the trends are significant, a one sample Kolmogorov-Smirnov (KS) test of goodness-of-fit was applied. The results are compared with the KS one sample critical value for a significance level of 0.05, which is calculated with Equation 1 (Wheatley & Gillings 2002):

The Kolmogorov-Smirnov test (KS test) measures the maximum difference ($Dmax_{obs}$) between the observed finds cumulative percents and the expected. This is then compared with the minimum required difference for the 0.05 ($Dmax_{.05}$) and tests whether the maximum difference is greater then the null hypothesis (H_0) and may be rejected at the 0.05 level (Shennan 1997, pp. 60-1)







Appendix Figure 2 Roman finds measured against distance from Roman infrastructure

Distance (m)	area m2	area %	cum %	Roman finds cases	cases %	cum %	D	Roman coins cases	cases %	cum %	D
0	0	0.00%	0.00%	0	0.00%	0.00%	0.00	0	0.00%	0.00%	0.00
250	29133958	2.32%	2.32%	10	12.05%	12.05%	0.10	5	12.20%	12.20%	0.10
500	29066587	2.31%	4.63%	9	10.84%	22.89%	0.18	9	21.95%	34.15%	0.30
750	28989016	2.31%	6.94%	4	4.82%	27.71%	0.21	2	4.88%	39.02%	0.32
1000	28905828	2.30%	9.24%	6	7.23%	34.94%	0.26	1	2.44%	41.46%	0.32
1250	28819259	2.29%	11.54%	7	8.43%	43.37%	0.32	4	9.76%	51.22%	0.40
1500	28731103	2.29%	13.83%	9	10.84%	54.22%	0.40	4	9.76%	60.98%	0.47
1750	28642477	2.28%	16.11%	2	2.41%	56.63%	0.41	0	0.00%	60.98%	0.45
2000	28547434	2.27%	18.38%	0	0.00%	56.63%	0.38	0	0.00%	60.98%	0.43
2250	28449441	2.27%	20.65%	2	2.41%	59.04%	0.38	1	2.44%	63.41%	0.43
2500	28355504	2.26%	22.90%	0	0.00%	59.04%	0.36	0	0.00%	63.41%	0.41
2750	28273378	2.25%	25.16%	1	1.20%	60.24%	0.35	0	0.00%	63.41%	0.38
3000	27762444	2.21%	27.37%	2	2.41%	62.65%	0.35	1	2.44%	65.85%	0.38
3250	27286649	2.17%	29.54%	0	0.00%	62.65%	0.33	0	0.00%	65.85%	0.36
3500	26906488	2.14%	31.68%	2	2.41%	65.06%	0.33	1	2.44%	68.29%	0.37
3750	26552625	2.11%	33.80%	3	3.61%	68.67%	0.35	1	2.44%	70.73%	0.37
4000	26212981	2.09%	35.88%	1	1.20%	69.88%	0.34	1	2.44%	73.17%	0.37
4250	25878497	2.06%	37.94%	2	2.41%	72.29%	0.34	0	0.00%	73.17%	0.35
4500	25539973	2.03%	39.98%	0	0.00%	72.29%	0.32	0	0.00%	73.17%	0.33
4750	25198339	2.01%	41.98%	1	1.20%	73.49%	0.32	1	2.44%	75.61%	0.34
5000	24858920	1.98%	43.96%	0	0.00%	73.49%	0.30	0	0.00%	75.61%	0.32
5250	24520836	1.95%	45.92%	0	0.00%	73.49%	0.28	0	0.00%	75.61%	0.30
5500	24182521	1.93%	47.84%	0	0.00%	73.49%	0.26	0	0.00%	75.61%	0.28
5750	23833237	1.90%	49.74%	0	0.00%	73.49%	0.24	0	0.00%	75.61%	0.26
6000	23477610	1.87%	51.61%	0	0.00%	73.49%	0.22	0	0.00%	75.61%	0.24
6250	23121387	1.84%	53.45%	0	0.00%	73.49%	0.20	0	0.00%	75.61%	0.22
6500	22760787	1.81%	55.26%	0	0.00%	73.49%	0.18	0	0.00%	75.61%	0.20
6750	22399286	1.78%	57.05%	1	1.20%	74.70%	0.18	0	0.00%	75.61%	0.19
7000	22023924	1.75%	58.80%	0	0.00%	74.70%	0.16	0	0.00%	75.61%	0.17
7250	21647111	1.72%	60.52%	0	0.00%	74.70%	0.14	0	0.00%	75.61%	0.15
7500	21264468	1.69%	62.22%	0	0.00%	74.70%	0.12	0	0.00%	75.61%	0.13
7750	20882507	1.66%	63.88%	0	0.00%	74.70%	0.11	0	0.00%	75.61%	0.12
8000	20492330	1.63%	65.51%	0	0.00%	74.70%	0.09	0	0.00%	75.61%	0.10
8250	20092825	1.60%	67.11%	0	0.00%	74.70%	0.08	0	0.00%	75.61%	0.08
8500	19691571	1.57%	68.68%	0	0.00%	74.70%	0.06	0	0.00%	75.61%	0.07
8750	19283700	1.54%	70.22%	0	0.00%	74.70%	0.04	0	0.00%	75.61%	0.05
9000	18873968	1.50%	71.72%	0	0.00%	74.70%	0.03	0	0.00%	75.61%	0.04
9250	18452007	1.47%	73.19%	2	2.41%	77.11%	0.04	0	0.00%	75.61%	0.02
9500	18027650	1.44%	74.62%	0	0.00%	77.11%	0.02	0	0.00%	75.61%	0.01
9750	17588876	1.40%	76.02%	0	0.00%	77.11%	0.01	0	0.00%	75.61%	0.00
10000	17129359	1.36%	77.39%	1	1.20%	78.31%	0.01	0	0.00%	75.61%	-0.02
over 10000	283954271	22.61%	100%	18	21.69%	100%	0.00	10	24.39%	100%	0.00
total	1255811132			83				41			

Appendix Table 5 One-sample Kolmogorov-Smirnov test: the test compares Roman finds in the Newstead area and their distance from Roman infrastructure (shaded area significant)

number of instances	83	41
K-S test equation for a .05 significance	1.36/(SQRT(83))	1.36/(SQRT(41))
needed result to refute the null hypothesis	0.15	0.21

Distance (m)	area m2	area %	cum %	Roman finds cases	cases %	cum %	D	Roman coins cases	cases %	cum %	D
0	0	0.00%	0.00%	0	0.00%	0.00%	0.00	0	0.00%	0.00%	0.00
250	29133958	2.32%	2.32%	8	11.11%	11.11%	0.09	1	1.28%	1.28%	-0.01
500	29066587	2.31%	4.63%	20	27.78%	38.89%	0.35	5	6.41%	7.69%	0.04
750	28989016	2.31%	6.94%	4	5.56%	44.44%	0.39	6	7.69%	15.38%	0.09
1000	28905828	2.30%	9.24%	2	2.78%	47.22%	0.39	1	1.28%	16.67%	0.09
1250	28819259	2.29%	11.54%	3	4.17%	51.39%	0.41	2	2.56%	19.23%	0.09
1500	28731103	2.29%	13.83%	1	1.39%	52.78%	0.40	3	3.85%	23.08%	0.10
1750	28642477	2.28%	16.11%	0	0.00%	52.78%	0.38	0	0.00%	23.08%	0.08
2000	28547434	2.27%	18.38%	2	2.78%	55.56%	0.38	3	3.85%	26.92%	0.09
2250	28449441	2.27%	20.65%	2	2.78%	58.33%	0.38	2	2.56%	29.49%	0.09
2500	28355504	2.26%	22.90%	0	0.00%	58.33%	0.35	1	1.28%	30.77%	0.08
2750	28273378	2.25%	25.16%	1	1.39%	59.72%	0.34	1	1.28%	32.05%	0.07
3000	27762444	2.21%	27.37%	0	0.00%	59.72%	0.32	2	2.56%	34.62%	0.06
3250	27286649	2.17%	29.54%	0	0.00%	59.72%	0.29	0	0.00%	34.62%	0.04
3500	26906488	2.14%	31.68%	2	2.78%	62.50%	0.29	1	1.28%	35.90%	0.02
3750	26552625	2.11%	33.80%	1	1.39%	63.89%	0.28	0	0.00%	35.90%	0.00
4000	26212981	2.09%	35.88%	4	5.56%	69.44%	0.30	6	7.69%	43.59%	0.05
4250	25878497	2.06%	37.94%	1	1.39%	70.83%	0.29	1	1.28%	44.87%	0.03
4500	25539973	2.03%	39.98%	0	0.00%	70.83%	0.27	1	1.28%	46.15%	0.02
4750	25198339	2.01%	41.98%	0	0.00%	70.83%	0.24	2	2.56%	48.72%	0.02
5000	24858920	1.98%	43.96%	0	0.00%	70.83%	0.22	1	1.28%	50.00%	0.01
5250	24520836	1.95%	45.92%	1	1.39%	72.22%	0.21	2	2.56%	52.56%	0.01
5500	24182521	1.93%	47.84%	1	1.39%	73.61%	0.20	0	0.00%	52.56%	-0.01
5750	23833237	1.90%	49.74%	0	0.00%	73.61%	0.18	5	6.41%	58.97%	0.03
6000	23477610	1.87%	51.61%	1	1.39%	75.00%	0.17	5	6.41%	65.38%	0.07
6250	23121387	1.84%	53.45%	2	2.78%	77.78%	0.17	0	0.00%	65.38%	0.05
6500	22760787	1.81%	55.26%	1	1.39%	79.17%	0.16	2	2.56%	67.95%	0.05
6750	22399286	1.78%	57.05%	2	2.78%	81.94%	0.17	4	5.13%	73.08%	0.08
7000	22023924	1.75%	58.80%	1	1.39%	83.33%	0.16	2	2.56%	75.64%	0.08
7250	21647111	1.72%	60.52%	0	0.00%	83.33%	0.14	4	5.13%	80.77%	0.11
7500	21264468	1.69%	62.22%	2	2.78%	86.11%	0.15	4	5.13%	85.90%	0.15
7750	20882507	1.66%	63.88%	0	0.00%	86.11%	0.13	2	2.56%	88.46%	0.16
8000	20492330	1.63%	65.51%	2	2.78%	88.89%	0.14	2	2.56%	91.03%	0.17
8250	20092825	1.60%	67.11%	1	1.39%	90.28%	0.14	0	0.00%	91.03%	0.15
8500	19691571	1.57%	68.68%	1	1.39%	91.67%	0.15	0	0.00%	91.03%	0.14
8750	19283700	1.54%	70.22%	0	0.00%	91.67%	0.14	0	0.00%	91.03%	0.13
9000	18873968	1.50%	71.72%	0	0.00%	91.67%	0.12	1	1.28%	92.31%	0.13
9250	18452007	1.47%	73.19%	0	0.00%	91.67%	0.11	0	0.00%	92.31%	0.12
9500	18027650	1.44%	74.62%	0	0.00%	91.67%	0.11	0	0.00%	92.31%	0.11
9750	17588876	1.40%	76.02%	0	0.00%	91.67%	0.10	0	0.00%	92.31%	0.10
10000	17129359	1.36%	77.39%	0	0.00%	91.67%	0.09	1	1.28%	93.59%	0.11
over 10000	283954271	22.61%	100%	6	8.33%	100%	0.00	5	6.41%	100%	0.00
total	1255811132			72				78			

Appendix Table 6 One-sample Kolmogorov-Smirnov test: the test compares Roman finds in the Inveresk area and their distance from Roman infrastructure (shaded area significant)

number of instances	72	78
K-S test equation for a .05 significance	1.36/(SQRT(72))	1.36/(SQRT(78))
needed result to refute the null hypothesis	0.16	0.15

Distance (m)	area m2	area %	cum %	Roman finds cases	cases %	cum %	D	Roman coins cases	cases %	cum %	D
0	0	0.00%	0.00%	0	0.00%	0.00%	0.00	0	0.00%	0.00%	0.00
250	29133958	2.32%	2.32%	2	9.52%	9.52%	0.07	1	7.14%	7.14%	0.05
500	29066587	2.31%	4.63%	1	4.76%	14.29%	0.09	0	0.00%	7.14%	0.02
750	28989016	2.31%	6.94%	2	9.52%	23.81%	0.16	0	0.00%	7.14%	0.00
1000	28905828	2.30%	9.24%	0	0.00%	23.81%	0.14	0	0.00%	7.14%	-0.03
1250	28819259	2.29%	11.54%	0	0.00%	23.81%	0.11	1	7.14%	14.29%	0.02
1500	28731103	2.29%	13.83%	0	0.00%	23.81%	0.09	0	0.00%	14.29%	-0.01
1750	28642477	2.28%	16.11%	0	0.00%	23.81%	0.06	0	0.00%	14.29%	-0.03
2000	28547434	2.27%	18.38%	1	4.76%	28.57%	0.08	0	0.00%	14.29%	-0.06
2250	28449441	2.27%	20.65%	0	0.00%	28.57%	0.06	0	0.00%	14.29%	-0.08
2500	28355504	2.26%	22.90%	0	0.00%	28.57%	0.04	1	7.14%	21.43%	-0.04
2750	28273378	2.25%	25.16%	0	0.00%	28.57%	0.01	1	7.14%	28.57%	0.01
3000	27762444	2.21%	27.37%	1	4.76%	33.33%	0.03	0	0.00%	28.57%	-0.01
3250	27286649	2.17%	29.54%	1	4.76%	38.10%	0.06	0	0.00%	28.57%	-0.04
3500	26906488	2.14%	31.68%	0	0.00%	38.10%	0.03	1	7.14%	35.71%	0.01
3750	26552625	2.11%	33.80%	1	4.76%	42.86%	0.06	0	0.00%	35.71%	-0.01
4000	26212981	2.09%	35.88%	0	0.00%	42.86%	0.03	0	0 00%	35.71%	-0.04
4250	25878497	2.06%	37.94%	0	0.00%	42.86%	0.01	0	0.00%	35.71%	-0.06
4500	25539973	2.03%	39.98%	1	4.76%	47.62%	0.04	0	0.00%	35.71%	-0.08
4750	25198339	2.01%	41.98%	1	4.76%	52.38%	0.06	0	0.00%	35.71%	-0.11
5000	24858920	1.98%	43.96%	1	4.76%	57.14%	0.09	0	0.00%	35.71%	-0.13
5250	24520836	1.95%	45.92%	0	0.00%	57.14%	0.06	0	0.00%	35.71%	-0.15
5500	24182521	1.93%	47.84%	0	0.00%	57.14%	0.04	0	0.00%	35.71%	-0.17
5750	23833237	1.90%	49.74%	1	4.76%	61.90%	0.07	0	0.00%	35.71%	-0.19
6000	23477610	1.87%	51.61%	1	4.76%	66.67%	0.09	0	0.00%	35.71%	-0.21
6250	23121387	1.84%	53.45%	1	4.76%	71.43%	0.12	0	0.00%	35.71%	-0.23
6500	22760787	1.81%	55.26%	0	0.00%	71.43%	0.10	1	7.14%	42.86%	-0.18
6750	22399286	1.78%	57.05%	0	0.00%	71.43%	0.09	0	0.00%	42.86%	-0.20
7000	22023924	1.75%	58.80%	0	0.00%	71.43%	0.07	0	0.00%	42.86%	-0.21
7250	21647111	1.72%	60.52%	0	0.00%	71.43%	0.06	0	0.00%	42.86%	-0.23
7500	21264468	1.69%	62.22%	1	4.76%	76.19%	0.09	0	0.00%	42.86%	-0.25
7750	20882507	1.66%	63.88%	0	0.00%	76.19%	0.07	0	0.00%	42.86%	-0.26
8000	20492330	1.63%	65.51%	0	0.00%	76.19%	0.06	0	0.00%	42.86%	-0.27
8250	20092825	1.60%	67.11%	0	0.00%	76.19%	0.04	1	7.14%	50.00%	-0.22
8500	19691571	1.57%	68.68%	0	0.00%	76.19%	0.03	1	7.14%	57.14%	-0.16
8750	19283700	1.54%	70.22%	0	0.00%	76.19%	0.02	0	0.00%	57.14%	-0.17
9000	18873968	1.50%	71.72%	1	4.76%	80.95%	0.05	1	7.14%	64.29%	-0.11
9250	18452007	1.47%	73.19%	1	4.76%	85.71%	0.09	0	0.00%	64.29%	-0.13
9500	18027650	1.44%	74.62%	0	0.00%	85.71%	0.07	0	0.00%	64.29%	-0.14
9750	17588876	1.40%	76.02%	0	0.00%	85.71%	0.06	0	0.00%	64.29%	-0.15
10000	17129359	1.36%	77.39%	0	0.00%	85.71%	0.05	0	0.00%	64.29%	-0.16
over 10000	283954271	22.61%	100%	3	14.29%	100%	0.00	5	35.71%	100%	0.00
total	1255811132			21				14			

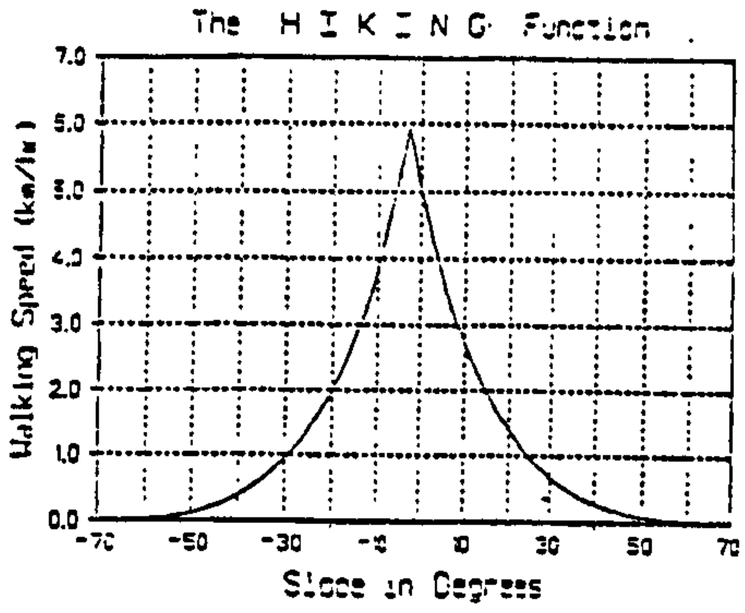
Appendix Table 7 One-sample Kolmogorov-Smirnov test: the test compares Roman finds in the Dumfries area and their distance from Roman infrastructure (shaded area significant)

number of instances	21	14
K-S test equation for a .05 significance	1.36/(SQRT(21))	1.36/(SQRT(14))
needed result to refute the null hypothesis	0.3	0.36

Appendix IV Anisotropic cost surfaces in the Newstead region

Initially the purpose of this experiment is to determine if it is possible to quantify the concept of Roman frontiers in a more practical and physical manner. The overall aim of this project is to determine if the influence of Roman forts on the local population can be measured. In order to assess this possibility, it is considered appropriate to apply cost surface analysis to assess the distance around a fort that would be accessible to the Roman army within one day's march.

The most effective way to understand the distance accessible from the fort would be through time cost analysis. In order to factor in the cost to cross each square in the raster a modified version of Tobler's 'hiking function' was used (Tobler 1993). Tobler's 'hiking function' states that on a level surface average walking speed is 5km/hr. Tobler's 'hiking function' has been utilized quite successfully in archaeology, examining ancient travel in the New World (Aldenderfer 1998; Gorenflo & Bell 1991; Kantner 1996; Tripcevich 2003). In order to better understand the distance travelled from the fort, rasters were sectioned by 30min intervals so they could be viewed as time-cost buffers around the fort.



Appendix Figure 3 Tobler's Hiking function

After (Tobler 1993)

To create the cost surface in ArcGIS, the pathdistance function was utilised:

- GRID: <outgrid> = Pathdistance (<source_grid> , # ,<costgrid>, #, #, <costgrid>, "TABLE ToblerAway.txt", <outbklk_grid>)
- *Usage:*(F)**PATHDISTANCE**(<source_grid>,[cost_grid],[surface_grid],[horiz_factor_grid],[horiz_factor_parm],[vert_factor_grid],[vert_factor_parm],[o_backlink_grid],[o_allocate_grid],[max_distance],[value_grid])

To create the source grid a variation of Tobler's walking function was used, which converts the degrees into the vertical impedance factor, and was developed by Nicolas Tripcevich at UC Santa Barbra (Tripcevich 2003):

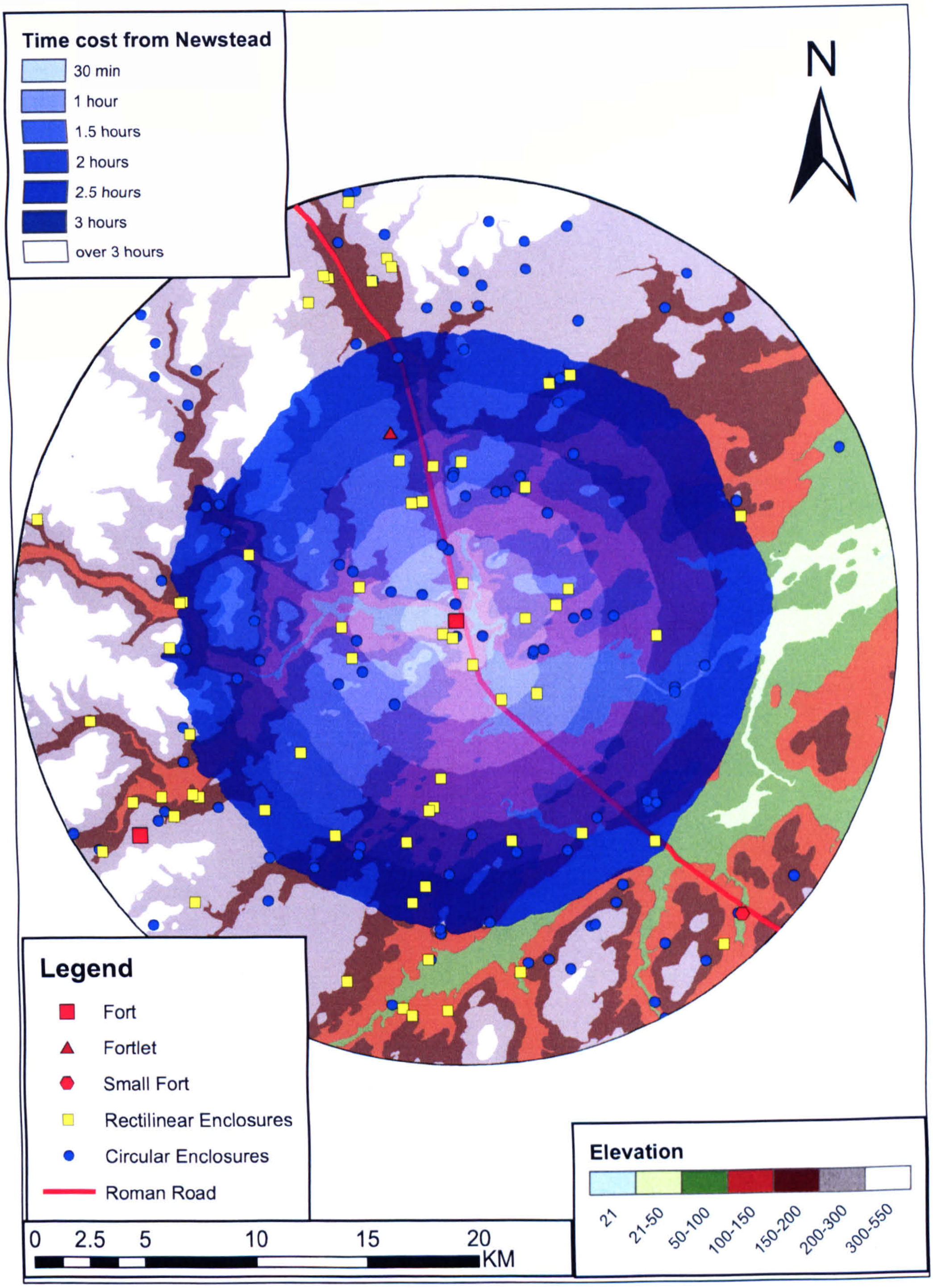
$$= 0.000166666 * \left(e^{\left(3.5 * \left(\mathrm{ABS}\left(\mathrm{TAN}\left(\text{slope degrees} \cdot \frac{180^\circ}{\pi} \right) + 0.05 \right) \right) \right)} \right)$$

Equation 2 To convert Tobler's Function into a vertical impedance factor

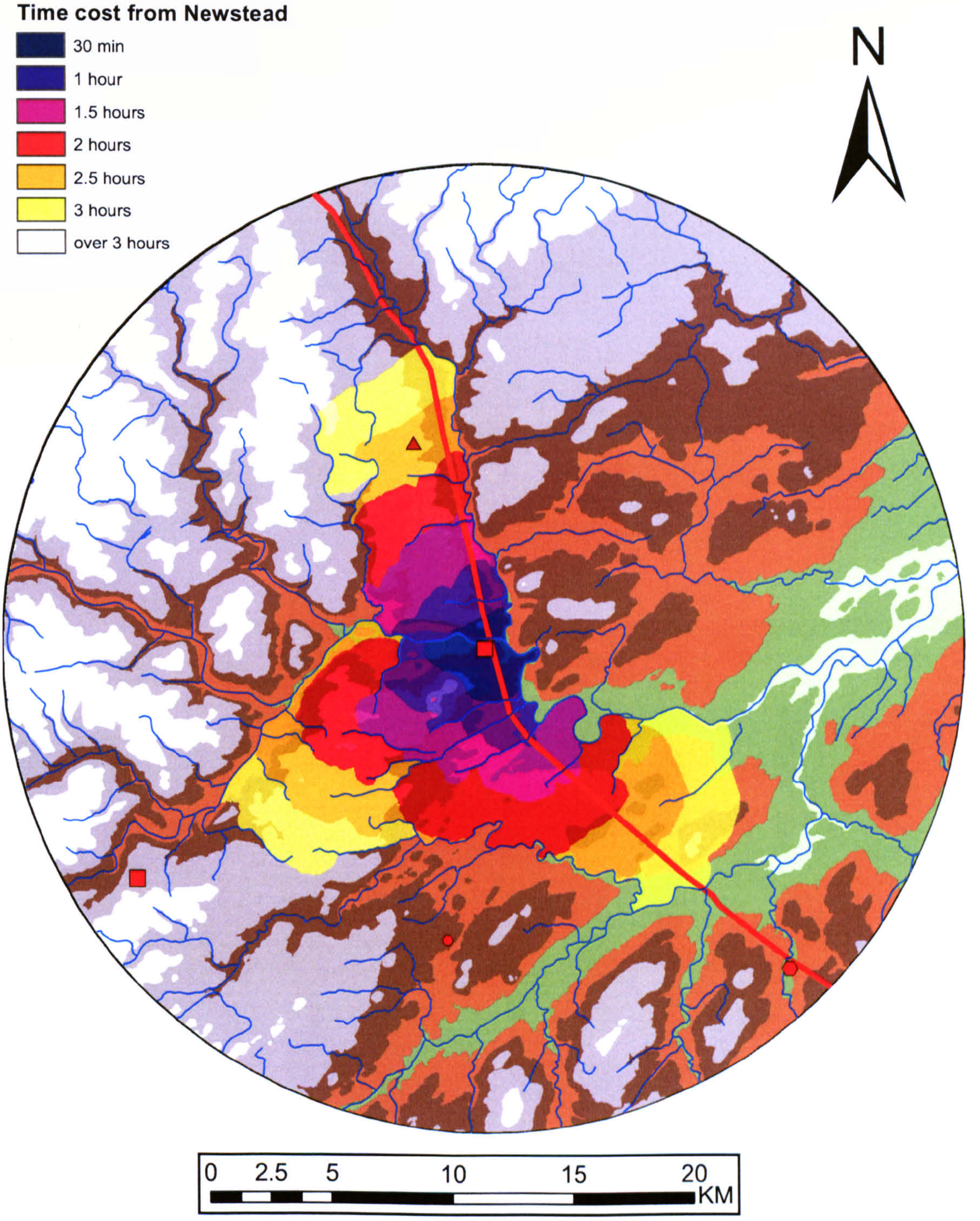
After (Tripcevich 2003)

The formula calculates the cost of moving across each cell and unlike traditional cost surfaces takes into account directionality up and down slopes.

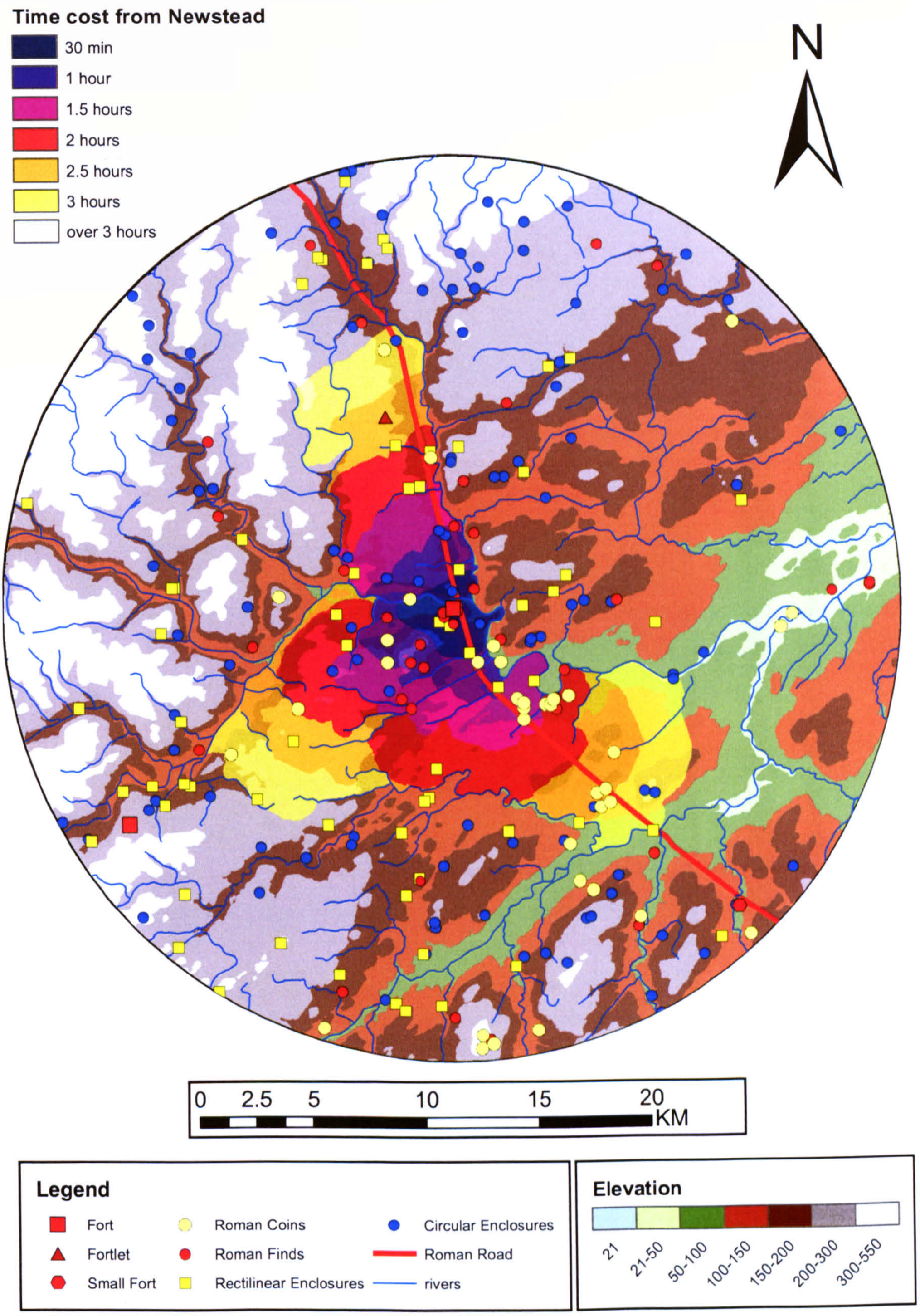
This allows the creation of time cost coverage for the Newstead region which displays the amount of distance that can be covered over a set amount of time. In order to factor further variables which may have had an impact on the movement of Roman troops, a second coverage which factored in the major river was also created. This allowed for the creation of hypothetical zones of influence, where the likelihood of coming into contact with the daily activity of the Roman garrisons would have increased. In this way it is a measurement of accessibility which addresses Imperial impact in the region. This coverage can then be compared with the distribution of enclosure types and finds in the region.



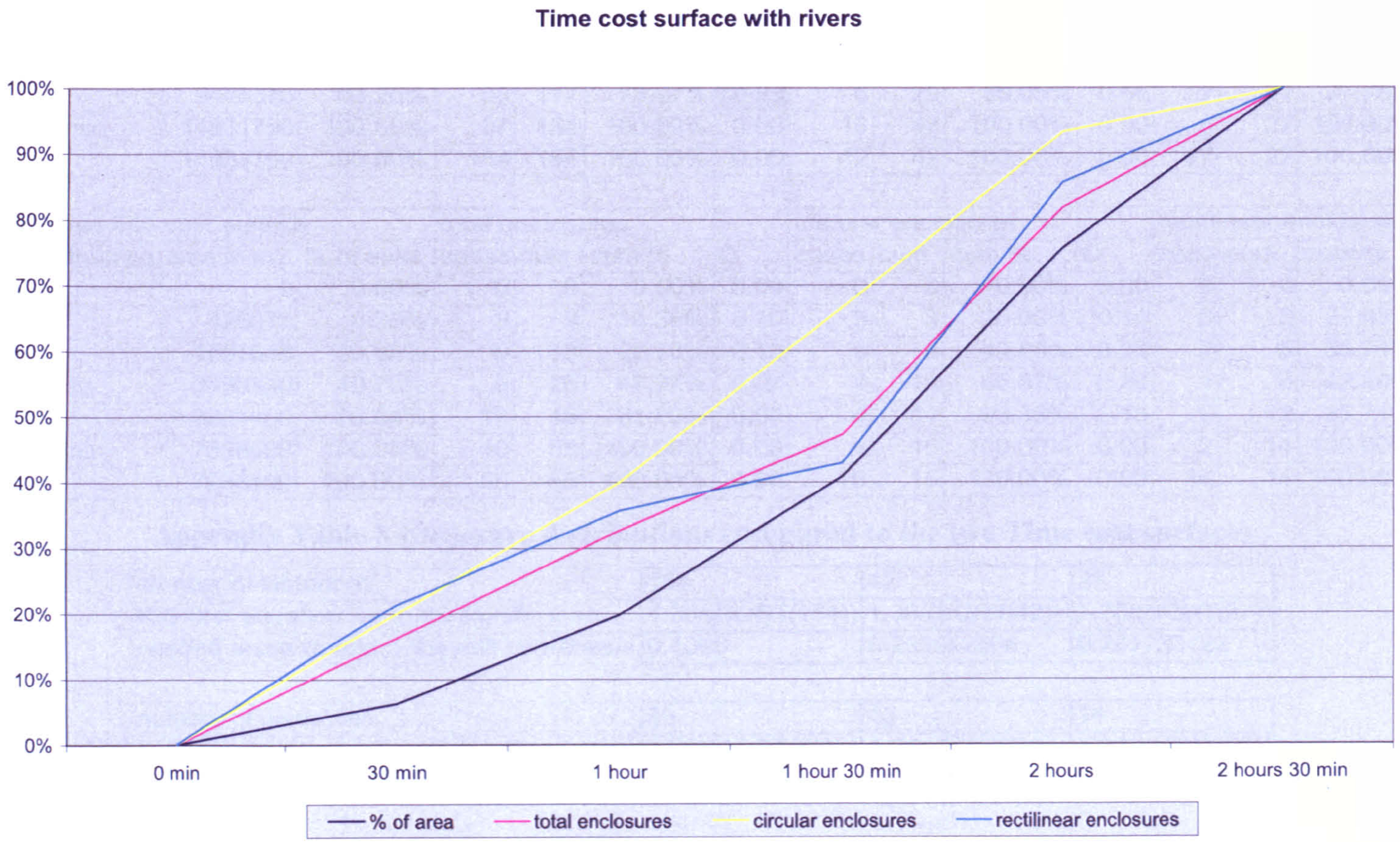
Appendix Figure 4 Anisotropic cost surface from Newstead



Appendix Figure 5 Anisotropic cost surface which takes into account the rivers



Appendix Figure 6 Finds and settlement in relation to the time cost surface



Appendix Figure 7 Graph of cost distance analysis

Total cost surface			total enclosures				circular enclosures				rectilinear enclosure			
Time cost distance	area in m2	% of area	cases	cum	cum %	D	cases	cum	cum %	D	case	cum	cum %	D
0 min	0	0.00%	0	0	0.00%	0.00	0	0	0.00%	0.00	0	0	0.00%	0.00
30 min	687025	4.60%	11	11	7.14%	0.03	3	3	7.14%	0.03	3	3	11.11%	0.07
1 hour	2884640	19.32%	22	33	21.43%	0.02	6	9	21.43%	0.02	3	6	22.22%	0.03
1 hour 30 min	6717835	44.99%	34	67	43.51%	-0.01	14	23	54.76%	0.10	8	14	51.85%	0.07
2 hours	9445375	63.26%	50	117	75.97%	0.13	6	29	69.05%	0.06	7	21	77.78%	0.15
2 hours 30 min	14931750	100.00%	37	154	100.00%	0.00	13	42	100.00%	0.00	6	27	100.00%	0.00
Total	14931750	100.00%	154	154	100.00%	0.00	42	42	100.00%	0.00	27	27	100.00%	0.00

Rivers factored into cost surface			total enclosures				circular enclosures				rectilinear enclosure			
Time cost distance	area in m2	% of area	cases	cum	cum %	D	cases	cum	cum %	D	case	cum	cum %	D
0 min	0	0.00%	0	0	0.00%	0.00	0	0	0.00%	0.00	0	0	0.00%	0.00
30 min	496075	6.33%	9	9	16.36%	0.10	3	3	20.00%	0.14	3	3	21.43%	0.15
1 hour	1551640	19.80%	9	18	32.73%	0.13	3	6	40.00%	0.20	2	5	35.71%	0.16
1 hour 30 min	3193940	40.75%	8	26	47.27%	0.07	4	10	66.67%	0.26	1	6	42.86%	0.02
2 hours	5921480	75.54%	19	45	81.82%	0.06	4	14	93.33%	0.18	6	12	85.71%	0.10
2 hours 30 min	7838400	100.00%	10	55	100.00%	0.00	1	15	100.00%	0.00	2	14	100.00%	0.00
Total	7838400	100.00%	55	55	100.00%	0.00	15	15	100.00%	0.00	14	14	100.00%	0.00

Appendix Table 8 Enclosure distributions compared to the two Time cost surfaces

number of instances	154	42	27
K-S test equation for a .05 significance	1.36/(SQRT(154))	1.36/(SQRT(42))	1.36/(SQRT(27))
needed result to reject the null hypothesis	0.1096	0.209852556	0.261732122

number of instances	55	15	14
K-S test equation for a .05 significance	1.36/(SQRT(55))	1.36/(SQRT(42))	1.36/(SQRT(27))
needed result to reject the null hypothesis	0.1834	0.35115049	0.363475289

Appendix V Spatial analysis of the settlement dispersions and patterns

In order to analyse the settlement distributions, a number of techniques were employed. These include quadrat analysis, nearest neighbour, and kernel density. While these methods usually fall under the title of point pattern analysis, they include the analysis of dispersions as well as point patterns (Hodder & Orton 1976). This is because what is being measured is the distribution of points in relation to the size of the study area. This allows the findings to be statistically tested by comparing the observed distribution of points to an expected distribution. A number of techniques were carried out over the course of study, these included: quadrat analysis, nearest neighbour analysis, nearest neighbour hierarchical clustering, standard deviational ellipses (STAC), K-means ellipses and kernel density estimation or smoothing. These were processed with the aid of: ESRI's ArcView 8.1; 9.0, Spatial Analysis Utilities (SAU), Crimestat, Excel and SPSS.

All these techniques have their advantages and disadvantages when analysing spatial clusters; especially in how the data is displayed. Therefore, it was decided that not all of the techniques would be included in this appendix, as three displayed the necessary information. The three main techniques to be displayed are quadrat analysis, nearest neighbour analysis, and kernel smoothing. Both quadrant analysis and nearest neighbour analysis were included because they are statistically testable and as such useful to determine what level of dispersion exist, and are relatively familiar to archaeologists. Kernel smoothing was chosen because it was best at visibly displaying the clustered areas, making them plainly apparent, which was the primary goal of the settlement spatial analysis. Each of the three techniques is briefly discussed below with the relevant equations before the related tables and figures are displayed.

Quadrat analysis:

Quadrat analysis has been utilised within archaeology for a number of years (Hodder & Orton 1976, pp. 36-7; Shennan 1997; Wheatley & Gillings 2002, pp. 128-9), and consists of placing a grid over the area and counting the number of points within each. The technique is not without is problems, in that the results are often dependent on the size of the grid and the grids placement in relation to the points (Hodder & Orton 1976, p. 37; Wheatley & Gillings 2002, p. 129). After experimenting with the technique, it was found that by specifying the size and placement, any desired result could be achieved with little processing. In order to eliminate this problem a number of techniques have been suggested (Wheatley & Gillings 2002). The technique utilised here was to determine the optimum quadrat size and then to layout a set grid, determined by this number, over the study area using the edges of the area as a guide. While this could possibly miss existing clusters, it was considered preferable to moving the grid around hunting for clusters, as it would defeat the point of an objective measurement. In order to determine the size of the quadrats, the quadrat size equation was used, in which A is equal to the size of the study area and N is equal to the number of sites (Boots & Getis 1988, pp. 24-6):

$$Quadrat_size = \sqrt{(2A/N)}$$

Equation 3 Ideal quadrat size

Once the number of sites and quadrats have been counted it is possible to run two tests on the data. The first is the variance to mean ratio (*VMR*) which is used to determine if the dispersion is random, uniform or clustered. A *VMR* of 1 is completely random, while, below 1 the more uniform and above 1 the more clustered the pattern. In order to determine the *VMR* the variance first has to be calculated with the following formula (Boots & Getis 1988):

$$Variance = \frac{\sum x^2 - \left[\left(\sum x\right)^2 / N\right]}{N - 1}$$

Equation 4 Variance

The *VMR* is then calculated with the following formula (Shennan 1997):

$$VMR = \frac{VAR}{MEAN}$$

Equation 5 Variance to mean ratio

The second stage involves comparing the *observed* distribution of points with and *expected* or Poisson distribution, which is calculated with following equation (Boots & Getis 1988):

$$p(x) = \left(e^{-\lambda} * \lambda^{x}\right) / x!;$$

Equation 6 Poisson probability distribution

After the *expected* and *observed* are compiled it is then possible to test the significance with a Pearson's Chi-Square test (Boots & Getis 1988):

$$\chi^2_{n-1} = \sum_{i=1}^{n} \frac{(O_i - E)^2}{E_i}$$

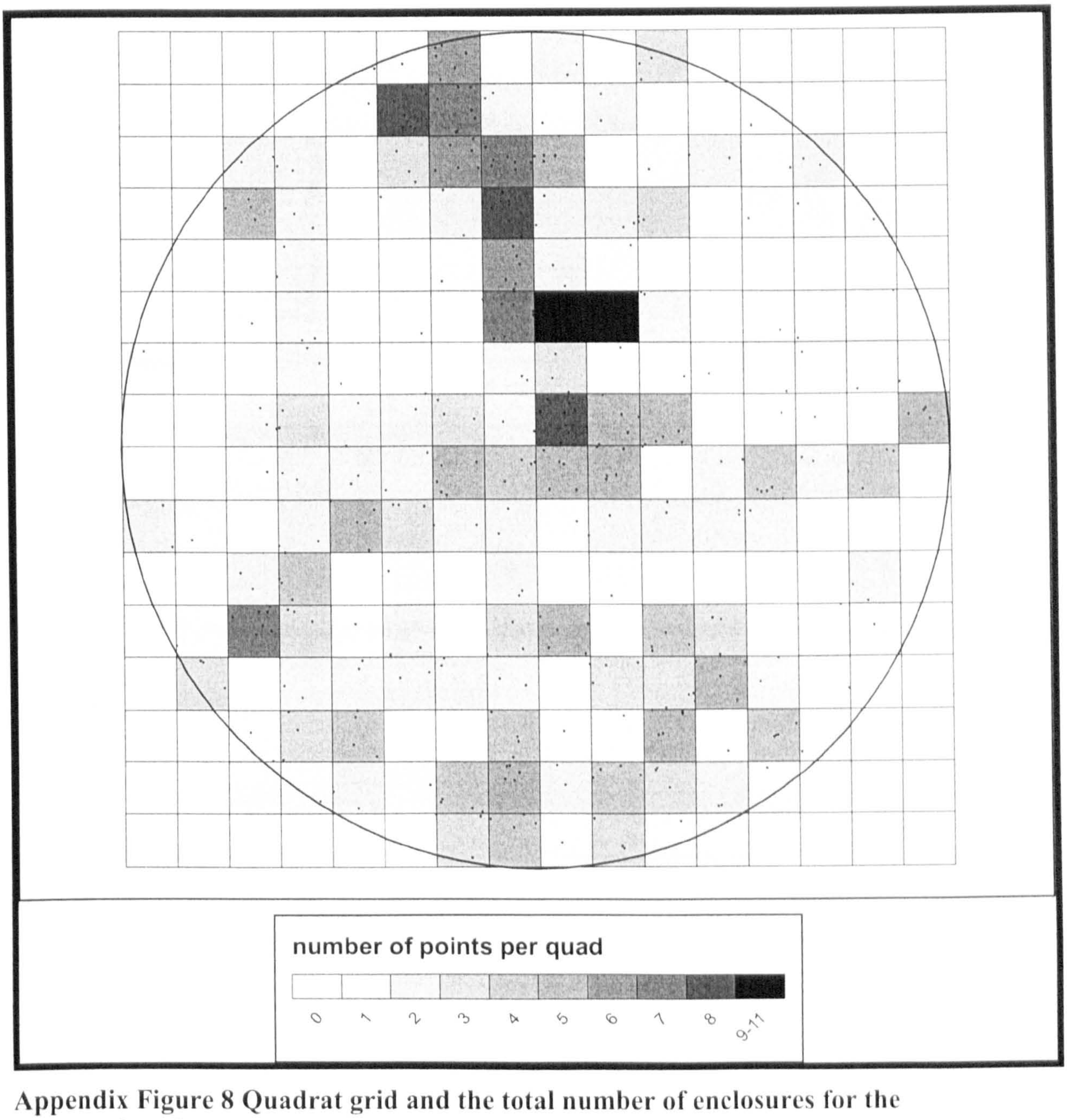
Equation 7 Pearson's Chi-Square Test

The resulting numbers are displayed within the Chi Sq box and can be compared against the levels of probability dependant on the degrees of freedom, which for all the quadrat analyses conducted in this study is to the 6^{th}.

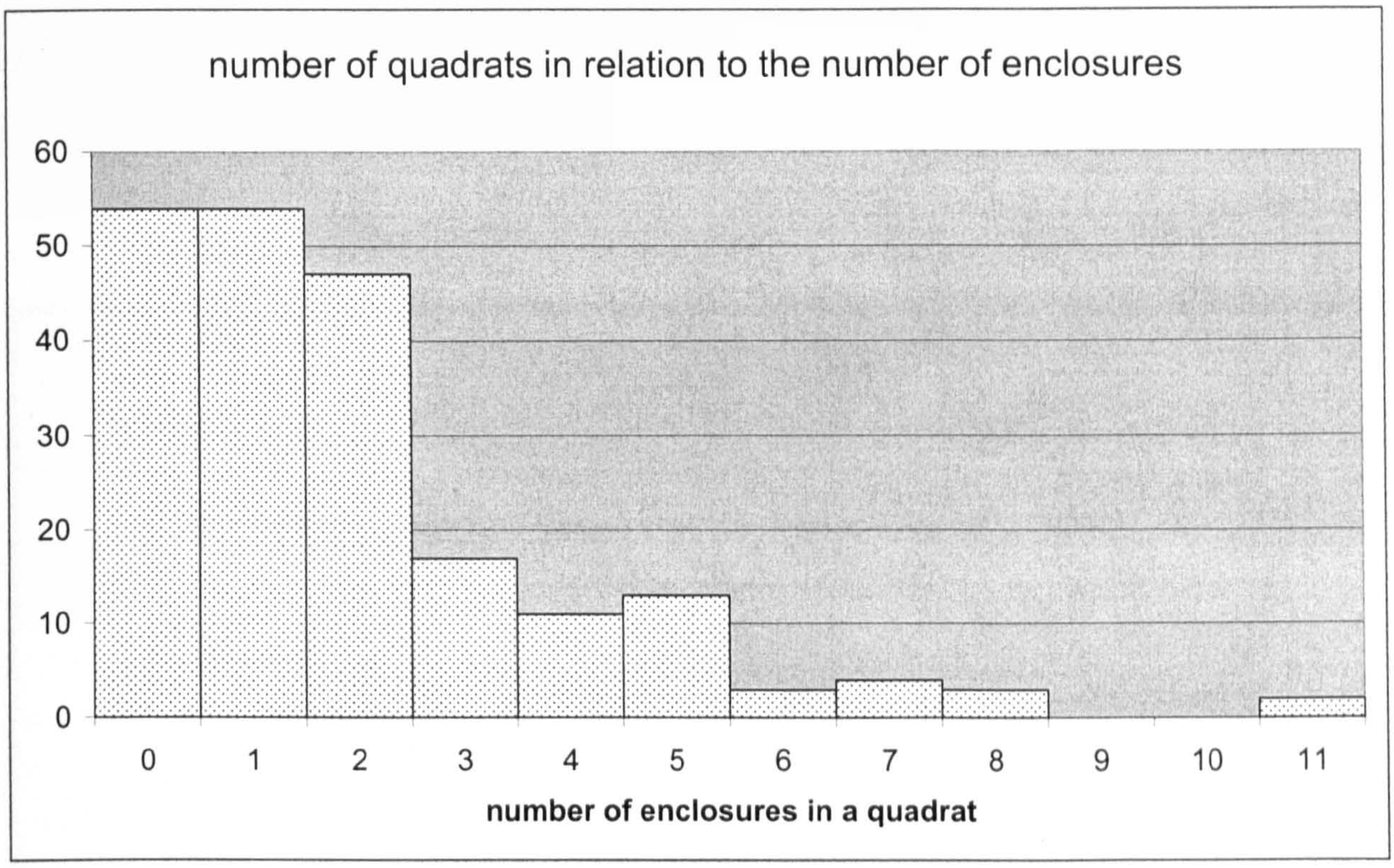
Degrees of freedom to the 6^{th} degree for all quadrat analysis:

%	0.2	0.1	0.05	0.02	0.01	0.005	0.002	0.001
DF	8.558	10.645	12.592	15.033	16.812	18.548	20.791	22.458

Appendix Table 9 Degrees of freedom of the 6^{th} degree



Appendix Figure 8 Quadrat grid and the total number of enclosures for the Newstead study area



Appendix Figure 9 Graph of the total number of enclosures by quadrat for the Newstead area

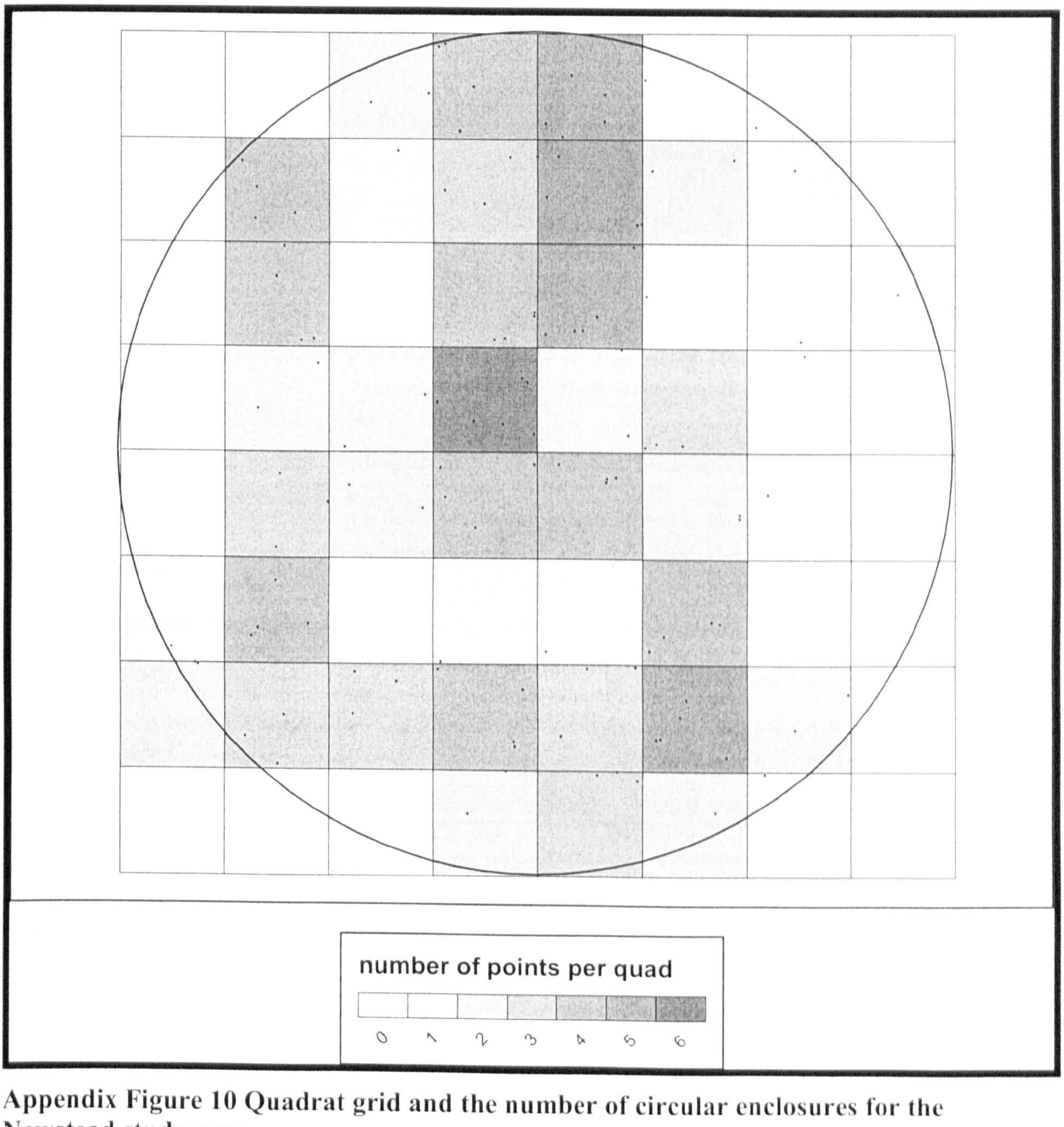
Information		Statistics	Variance
N. points	400	*VAR*	4.412
# quadrat	208	*MEAN*	1.923
quadrat size	2550	*VMR*	2.294

Appendix Table 10 *VMR* of the total number of enclosures by quadrat for the Newstead area

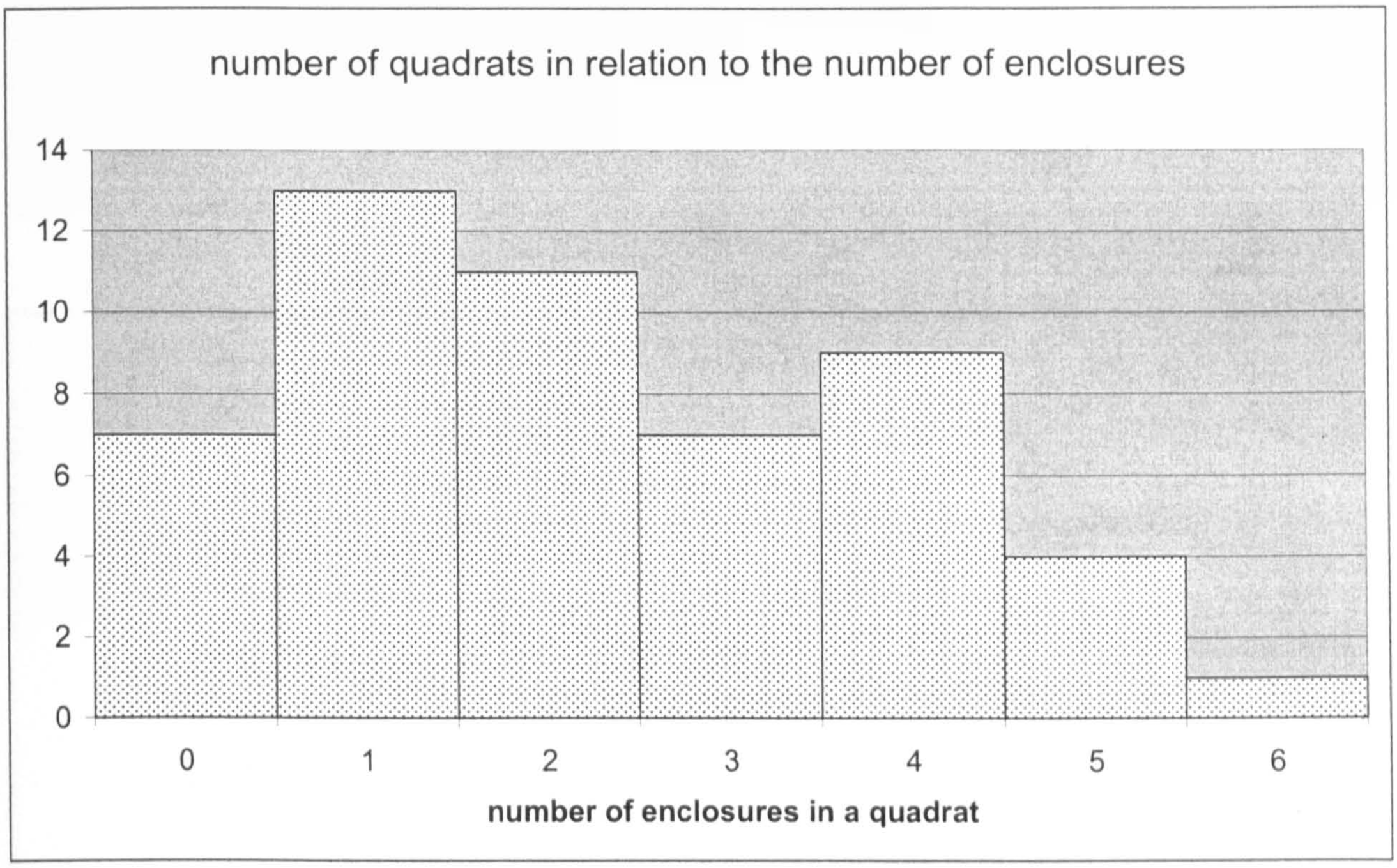
lambda	total quadrats	total points
1.923	208	400

# EQ/quadrat	Poisson P	Expected	Observed	(O-E)^2/E
0	0.14616	30.40	54.00	18.32
1	0.28107	58.46	54.00	0.34
2	0.27026	56.21	47.00	1.51
3	0.17324	36.03	17.00	10.05
4	0.08329	17.32	11.00	2.31
5	0.03203	6.66	13.00	6.03
>5	0.01394	2.90	12.00	28.55
Total	1	208	208	
			Chi Sq	67

Appendix Table 11 Poisson distribution and Chi-square test of the quadrat analysis of the total number of enclosures for the Newstead study area (reject null hypothesis at the 0.001 level)



Appendix Figure 10 Quadrat grid and the number of circular enclosures for the Newstead study area



Appendix Figure 11 Graph of the number of circular enclosures by quadrat for the Newstead area

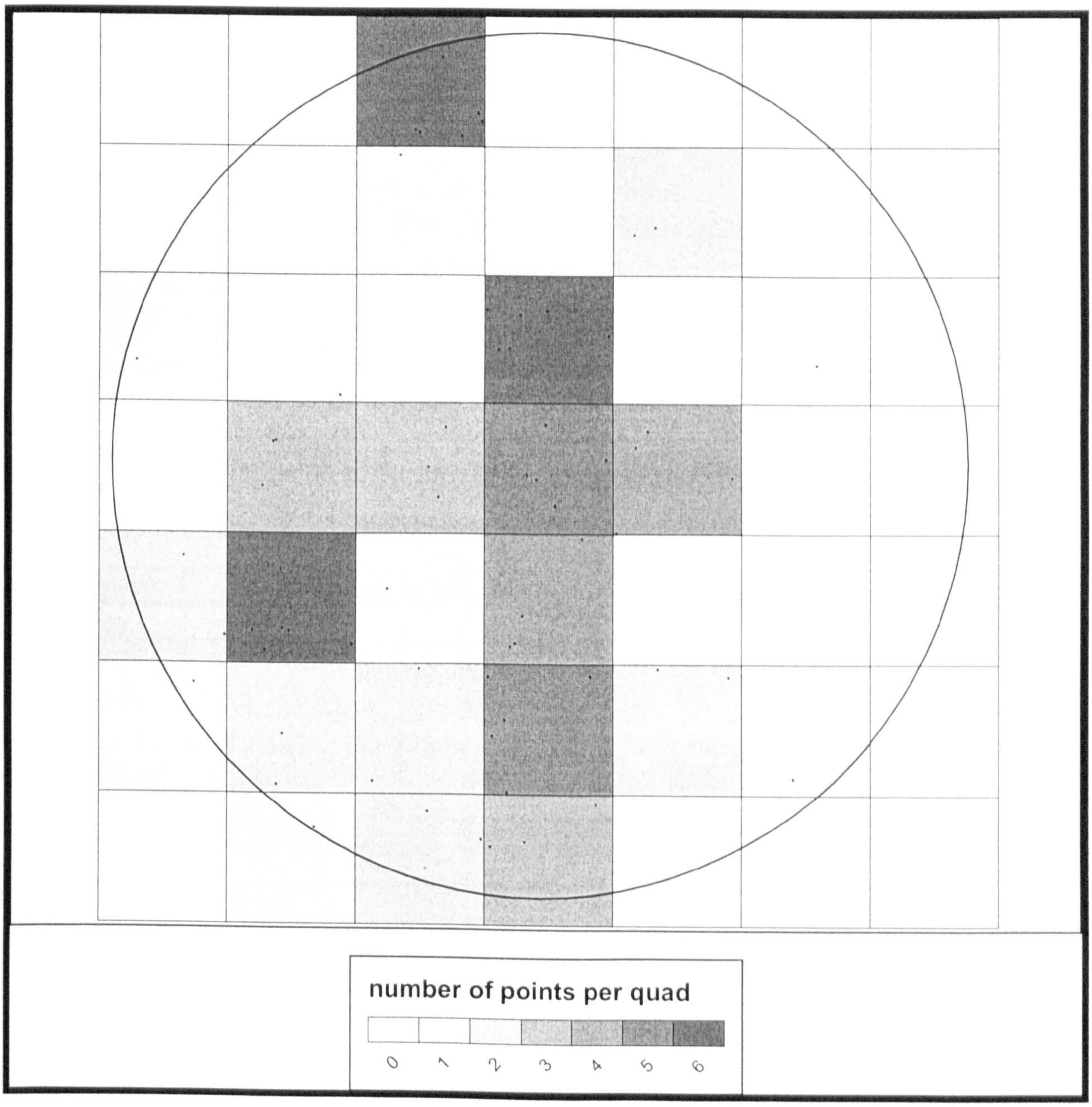
Information		Statistics	Variance
N. points	118	*VAR*	2.938
# quadrat	52	*MEAN*	2.269
quadrat size	4800	*VMR*	1.295

Appendix Table 12 *VMR* of the number of circular enclosures by quadrat for the Newstead area

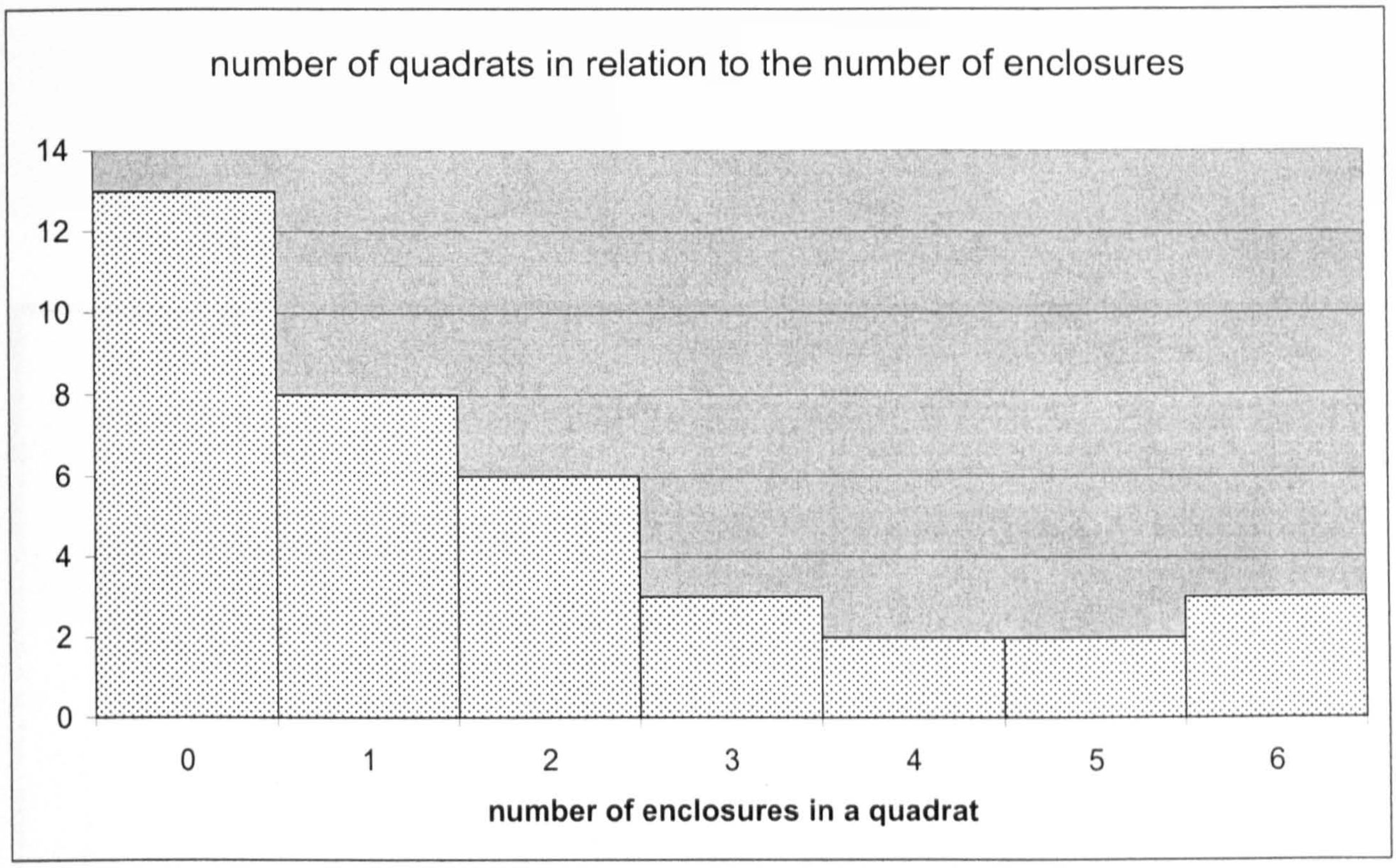
lambda	total quadrats	total points
2.269	52	118

# EQ/quadrat	Poisson P	Expected	Observed	(O-E)^2/E
0	0.10339	5.38	7.00	0.49
1	0.23462	12.20	13.00	0.05
2	0.26620	13.84	11.00	0.58
3	0.20136	10.47	7.00	1.15
4	0.11423	5.94	9.00	1.58
5	0.05184	2.70	4.00	0.63
>5	0.02835	1.47	1.00	0.15
Total	1	52	52	
			Chi Sq	5

Appendix Table 13 Poisson distribution and Chi-square test of the quadrat analysis of the number of circular enclosures for the Newstead study area (does not reject null hypothesis)



Appendix Figure 12 Quadrat grid and the number of rectilinear enclosures for the Newstead study area



Appendix Figure 13 Graph of the number of rectilinear enclosures by quadrat for the Newstead area

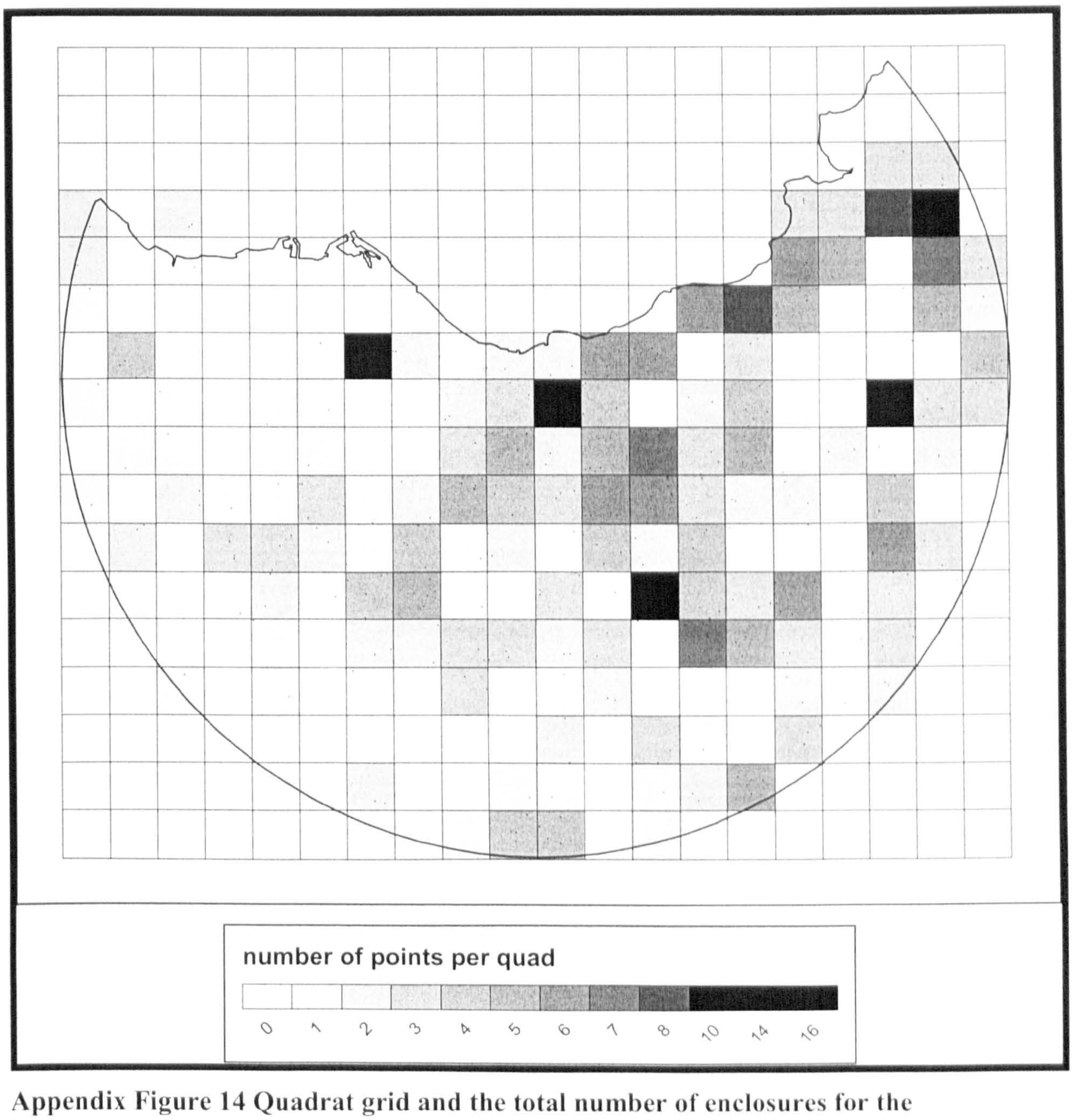
Information		Statistics	Variance
N. points	65	*VAR*	4.494
# quadrat	37	*MEAN*	1.757
quadrat size	6400	*VMR*	2.558

Appendix Table 14 *VMR* of the number of rectilinear enclosures by quadrat for the Newstead area

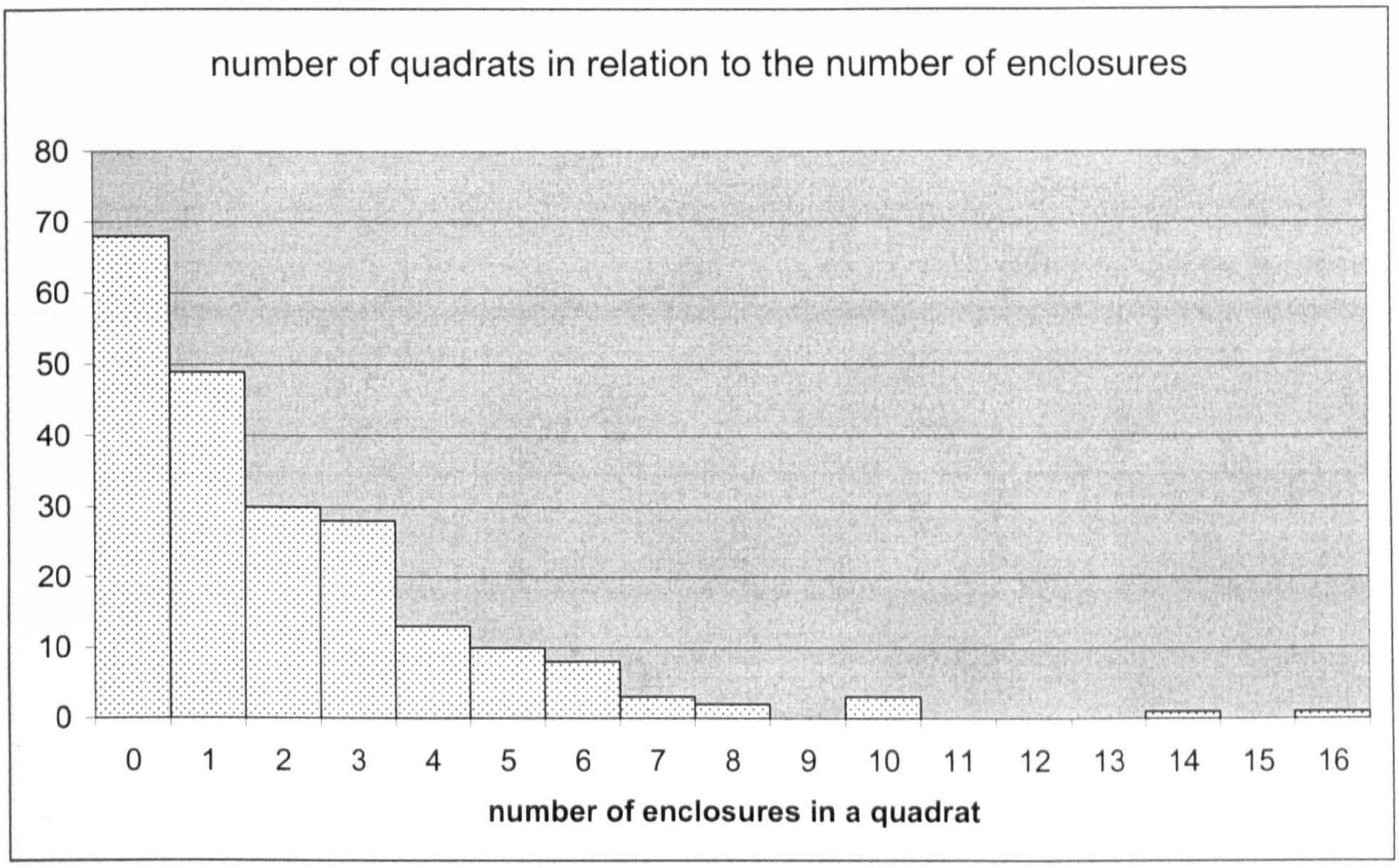
lambda	total quadrats	total points
1.757	37	65

# EQ/quadrat	Poisson P	Expected	Observed	(O-E)^2/E
0	0.17260	6.39	13.00	6.85
1	0.30322	11.22	8.00	0.92
2	0.26634	9.85	6.00	1.51
3	0.15597	5.77	3.00	1.33
4	0.06850	2.53	2.00	0.11
5	0.02407	0.89	2.00	1.38
>5	0.00930	0.34	3.00	20.51
Total	1	37	37	
			Chi Sq	33

Appendix Table 15 Poisson distribution and Chi-square test of the quadrat analysis of the number of rectilinear enclosures for the Newstead study area (reject null hypothesis at the 0.001 level)



Appendix Figure 14 Quadrat grid and the total number of enclosures for the Inveresk study area



Appendix Figure 15 Graph of the total number of enclosures by quadrat for the Inveresk area

Information		Statistics	Variance
N. points	440	*VAR*	6.521
# quadrat	216	*MEAN*	2.037
quadrat size	2000	*VMR*	3.201

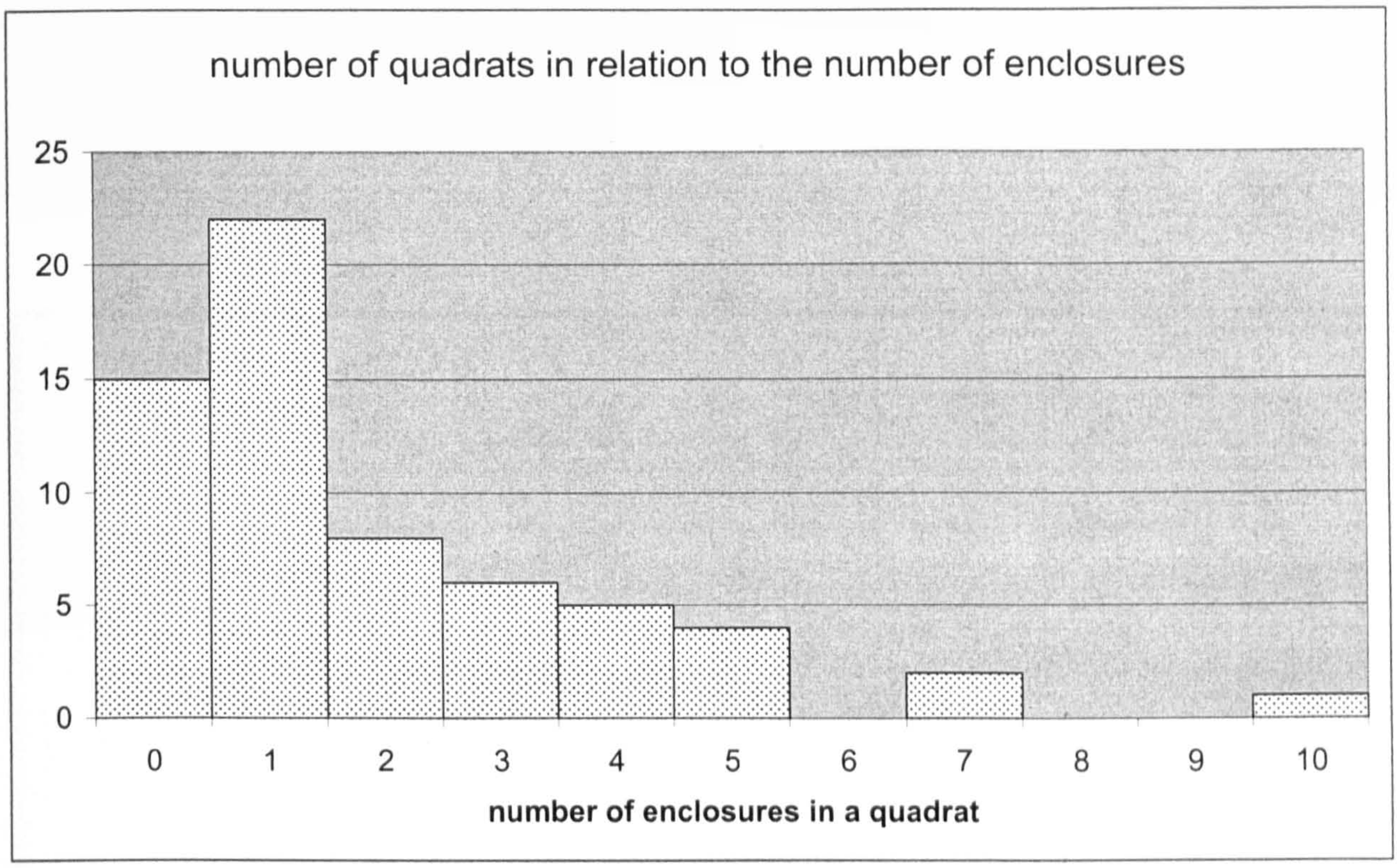
Appendix Table 16 *VMR* of the total number of enclosures by quadrat for the Inveresk area

lambda	total quadrats	total points
2.037	216	440

# EQ/quadrat	Poisson P	Expected	Observed	(O-E)^2/E
0	0.13041	28.17	68.00	56.32
1	0.26566	57.38	49.00	1.22
2	0.27058	58.45	30.00	13.84
3	0.18373	39.68	28.00	3.44
4	0.09356	20.21	13.00	2.57
5	0.03812	8.23	10.00	0.38
>5	0.01794	3.87	18.00	51.50
Total	1	216	216	
			Chi Sq	129

Appendix Table 17 Poisson distribution and Chi-square test of the quadrat analysis of the total number of enclosures for the Inveresk study area (reject null hypothesis at the 0.001 level)

Appendix Figure 16 Quadrat grid and the number of circular enclosures for the Inveresk study area



Appendix Figure 17 Graph of the number of circular enclosures by quadrat for the Inveresk area

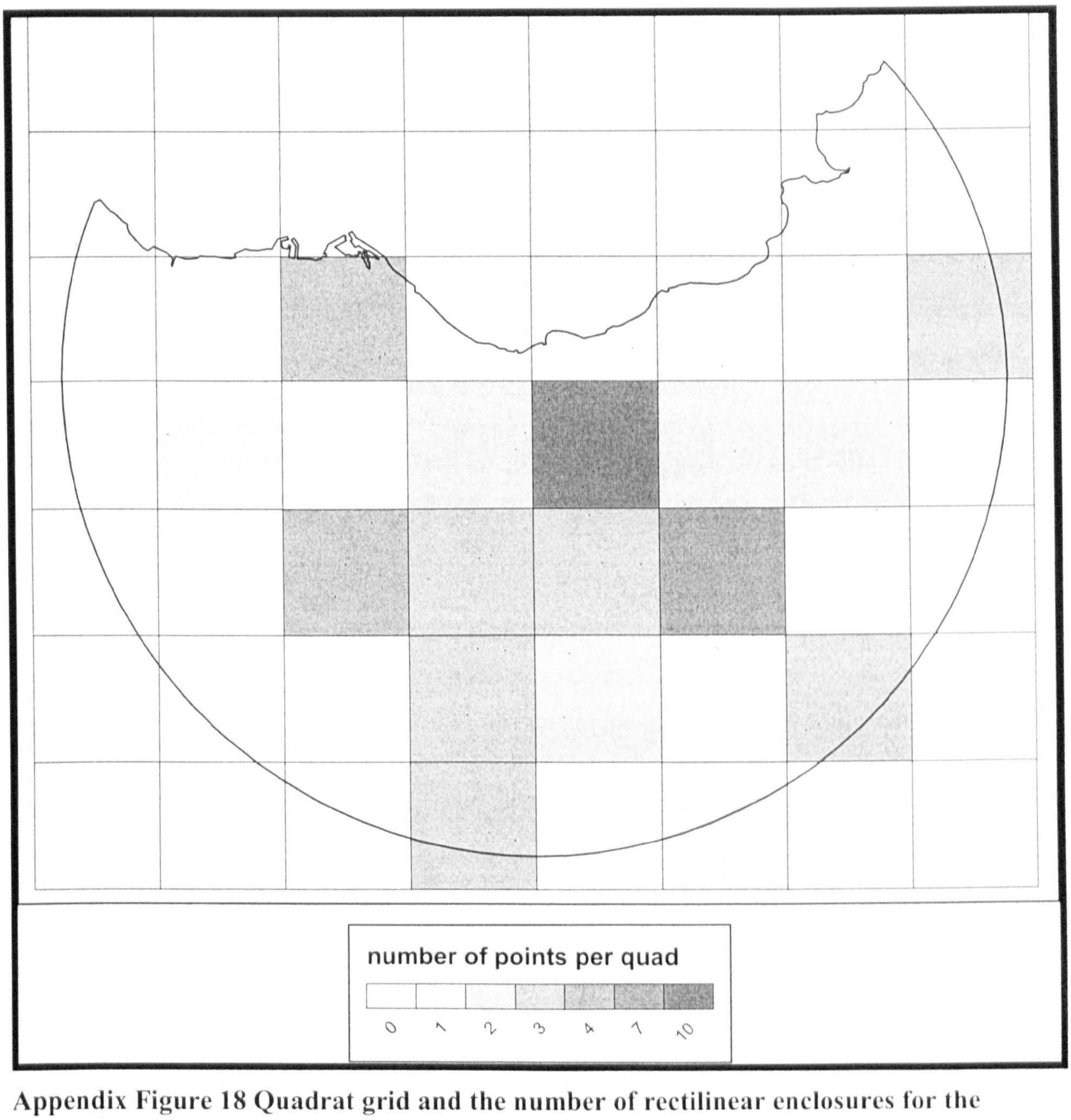
Information		Statistics	Variance
N. points	120	*VAR*	4.951
# quadrat	63	*MEAN*	1.905
quadrat size	3800	*VMR*	2.599

Appendix Table 18 *VMR* of the number of circular enclosures by quadrat for the Newstead area

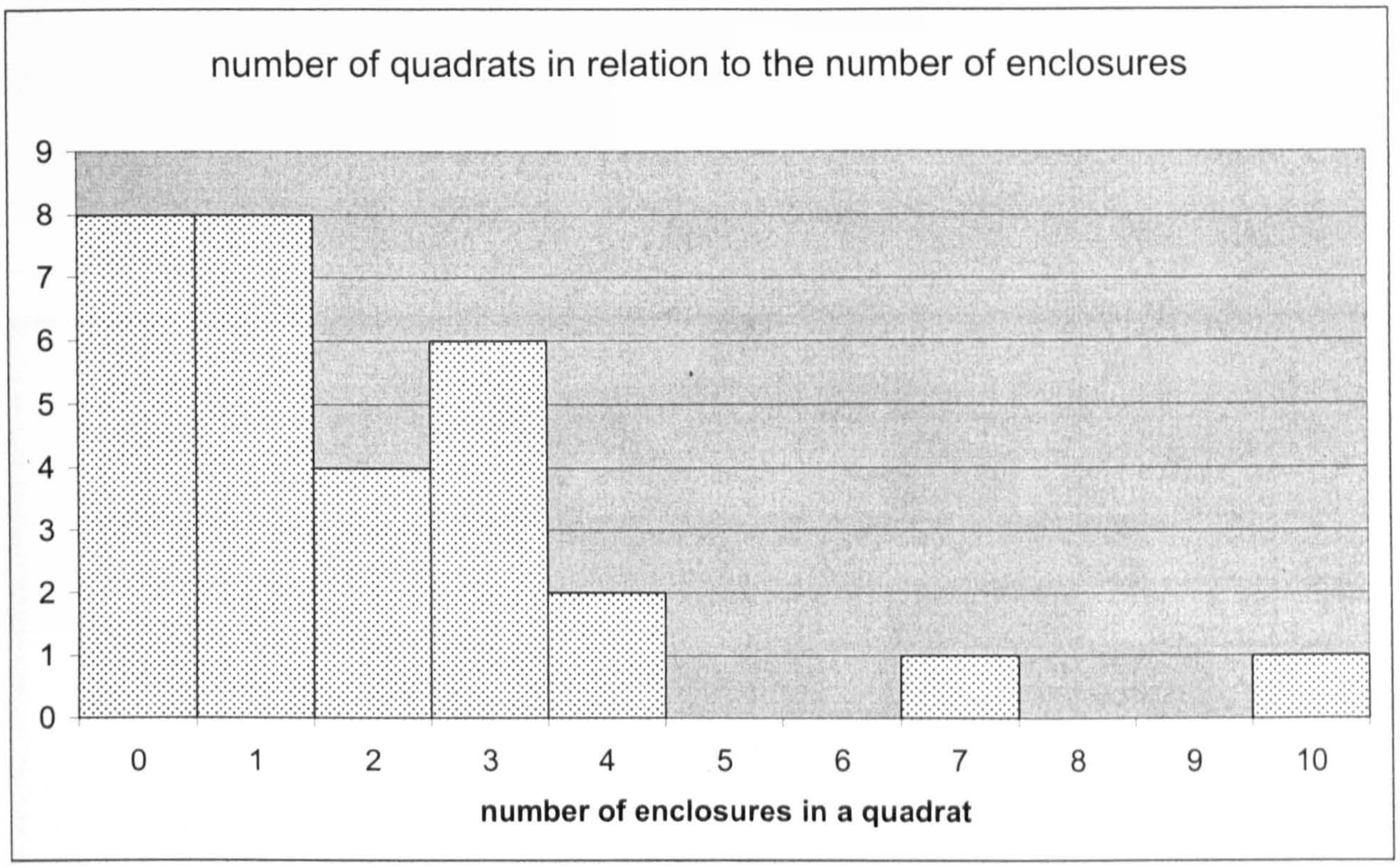
lambda	total quadrats	total points
1.905	63	120

# EQ/quadrat	Poisson P	Expected	Observed	(O-E)^2/E
0	0.14886	9	15	3
1	0.28354	18	22	1
2	0.27004	17	8	5
3	0.17145	11	6	2
4	0.08164	5	5	0
5	0.03110	2	4	2
>5	0.01337	1	3	6
Total	1	63	63	
			Chi Sq	19

Appendix Table 19 Poisson distribution and Chi-square test of the quadrat analysis of the number of circular enclosures for the Inveresk study area (reject null hypothesis at the 0.005 level)



Appendix Figure 18 Quadrat grid and the number of rectilinear enclosures for the Inveresk study area



Appendix Figure 19 Graph of the number of rectilinear enclosures by quadrat for the Inveresk area

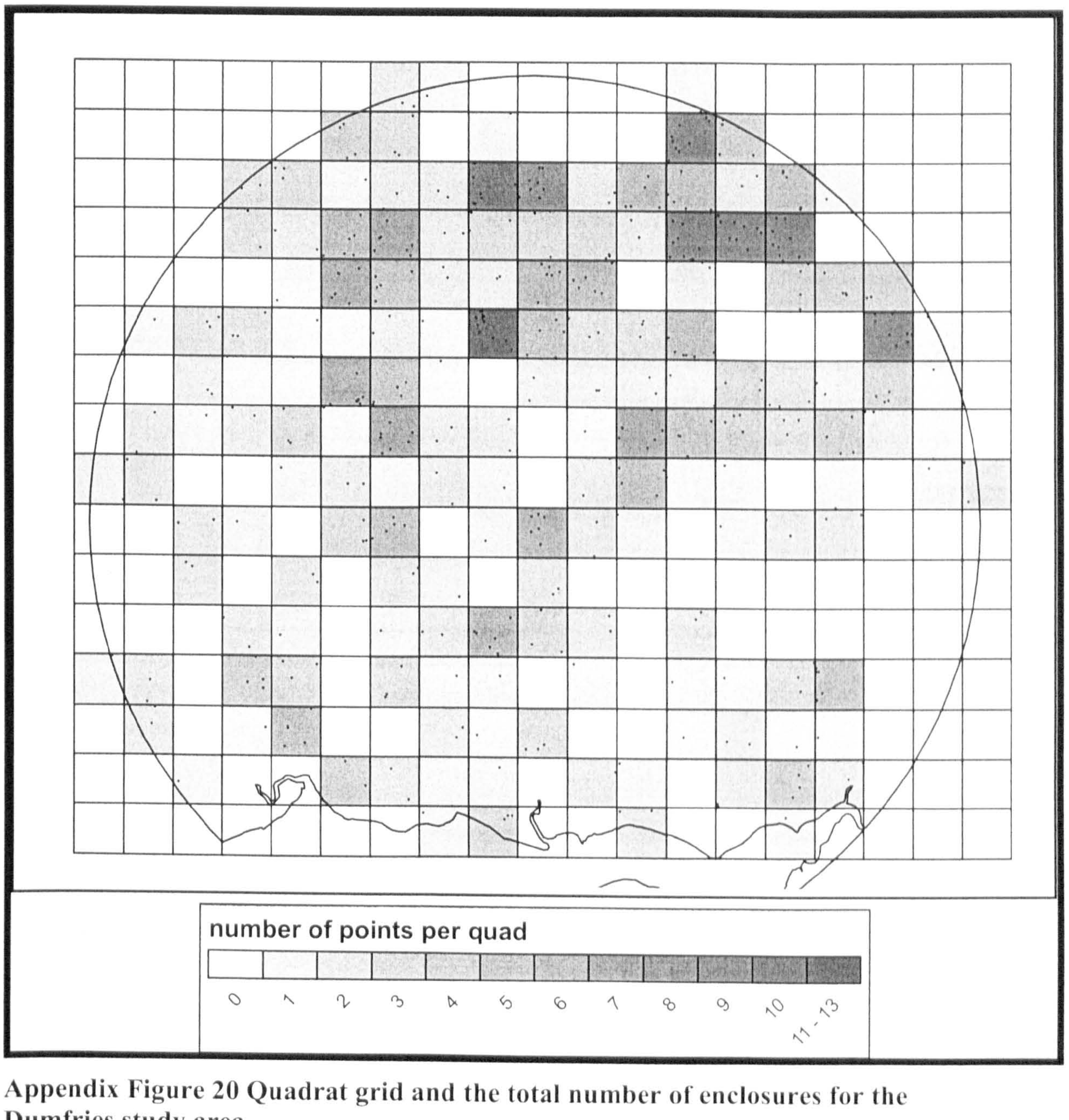
Information		Statistics	Variance
N. points	59	*VAR*	7.525
# quadrat	30	*MEAN*	1.967
quadrat size	5300	*VMR*	3.826

Appendix Table 20 *VMR* of the number of rectilinear enclosures by quadrat for the Inveresk area

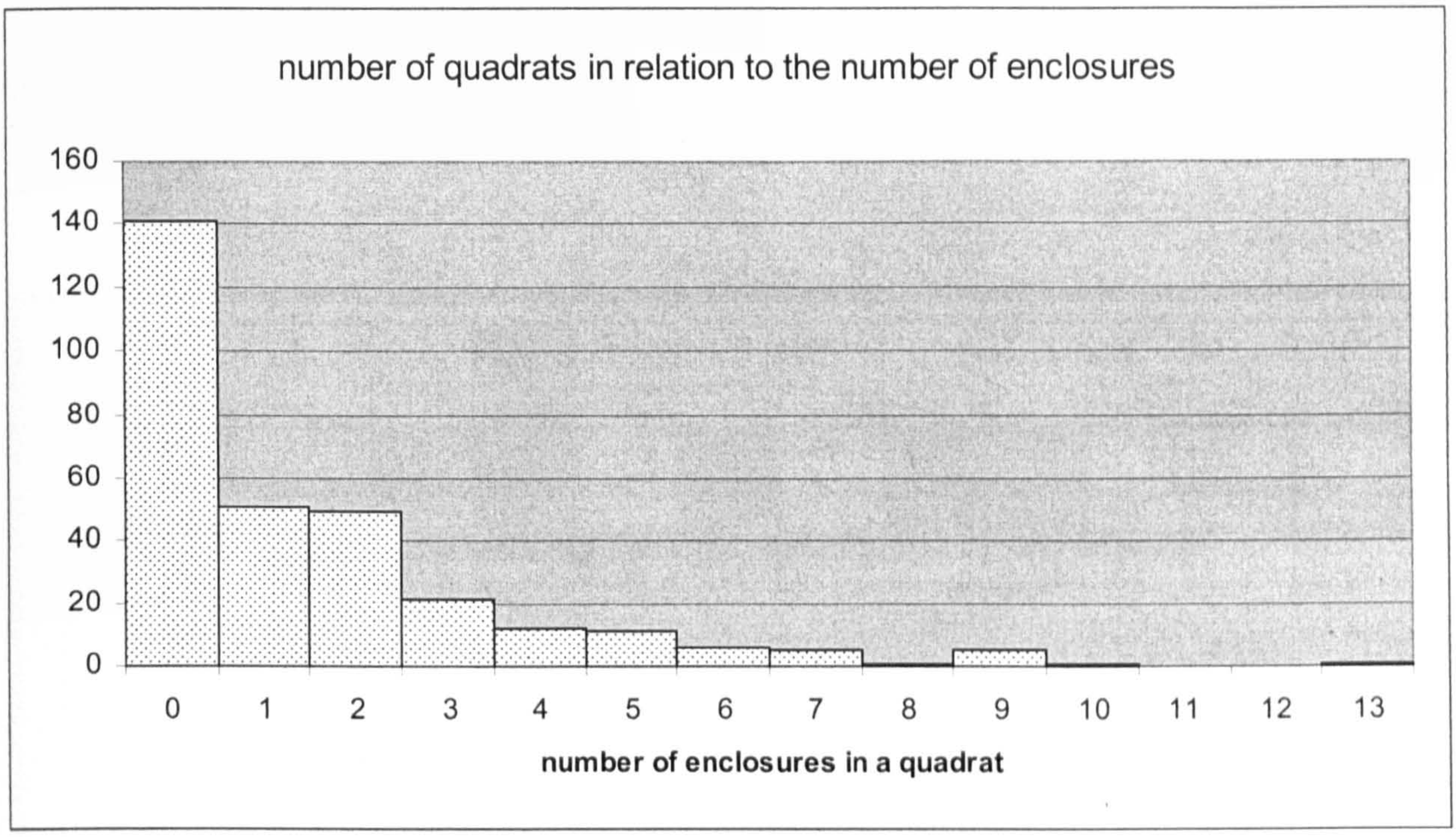
lambda	total quadrats	total points
1.967	30	59

# EQ/quadrat	Poisson P	Expected	Observed	(O-E)^2/E
0	0.13992	4.20	8.00	3.44
1	0.27518	8.26	8.00	0.01
2	0.27059	8.12	4.00	2.09
3	0.17739	5.32	6.00	0.09
4	0.08722	2.62	2.00	0.15
5	0.03431	1.03	0.00	1.03
>5	0.01539	0.46	2.00	5.13
Total	1	30	30	
			Chi Sq	12

Appendix Table 21 Poisson distribution and Chi-square test of the quadrat analysis of the number of rectilinear enclosures for the Inveresk study area (reject null hypothesis at the 0.1 level)



Appendix Figure 20 Quadrat grid and the total number of enclosures for the Dumfries study area



Appendix Figure 21 Graph of the total number of enclosures by quadrat for the Dumfries area

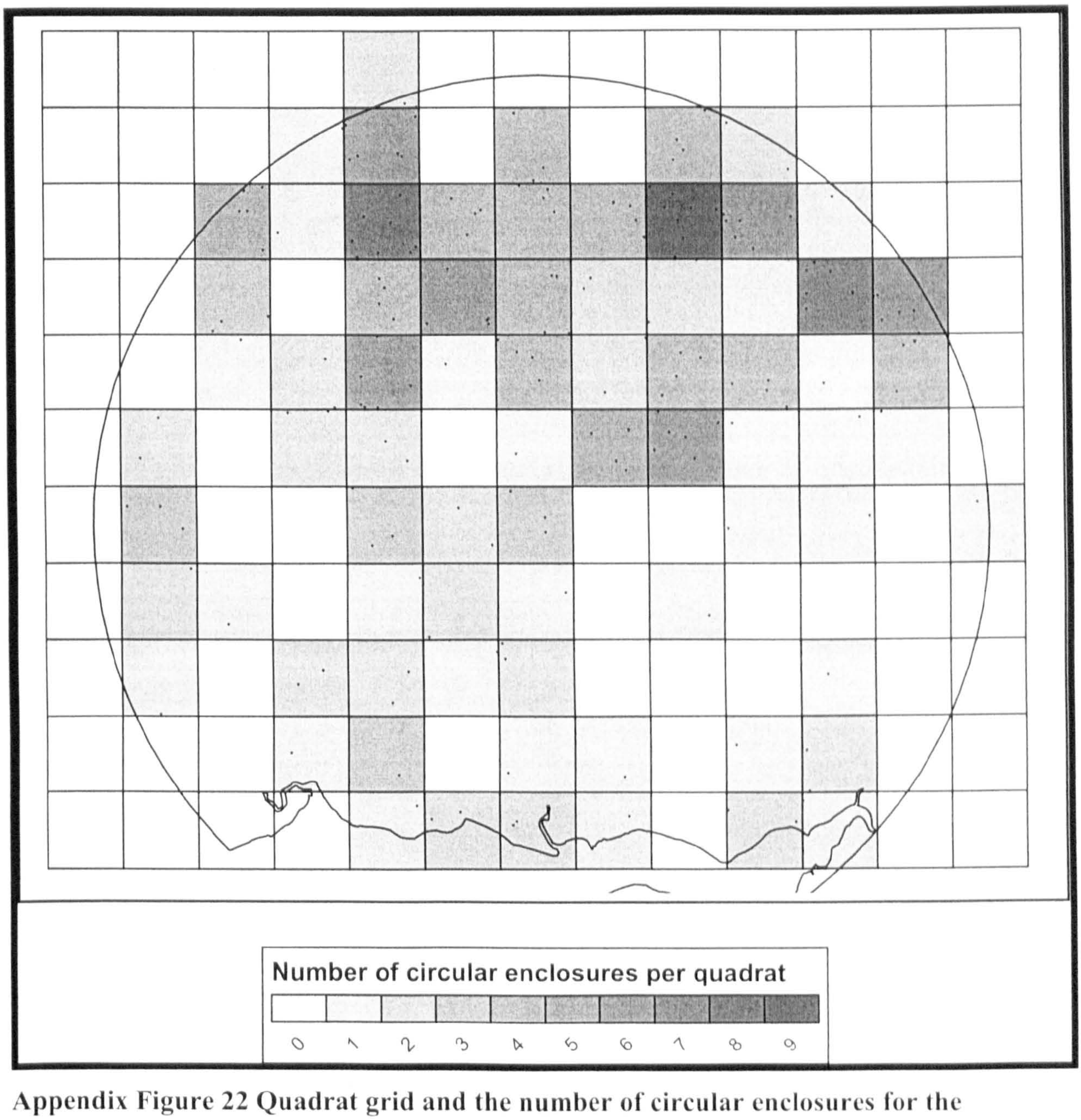
Information		Statistics	Variance
N. points	462	*VAR*	5.422
# quadrat	304	*MEAN*	1.991
quadrat size	2539	*VMR*	2.723

Appendix Table 22 *VMR* of the total number of enclosures by quadrat for the Dumfries area

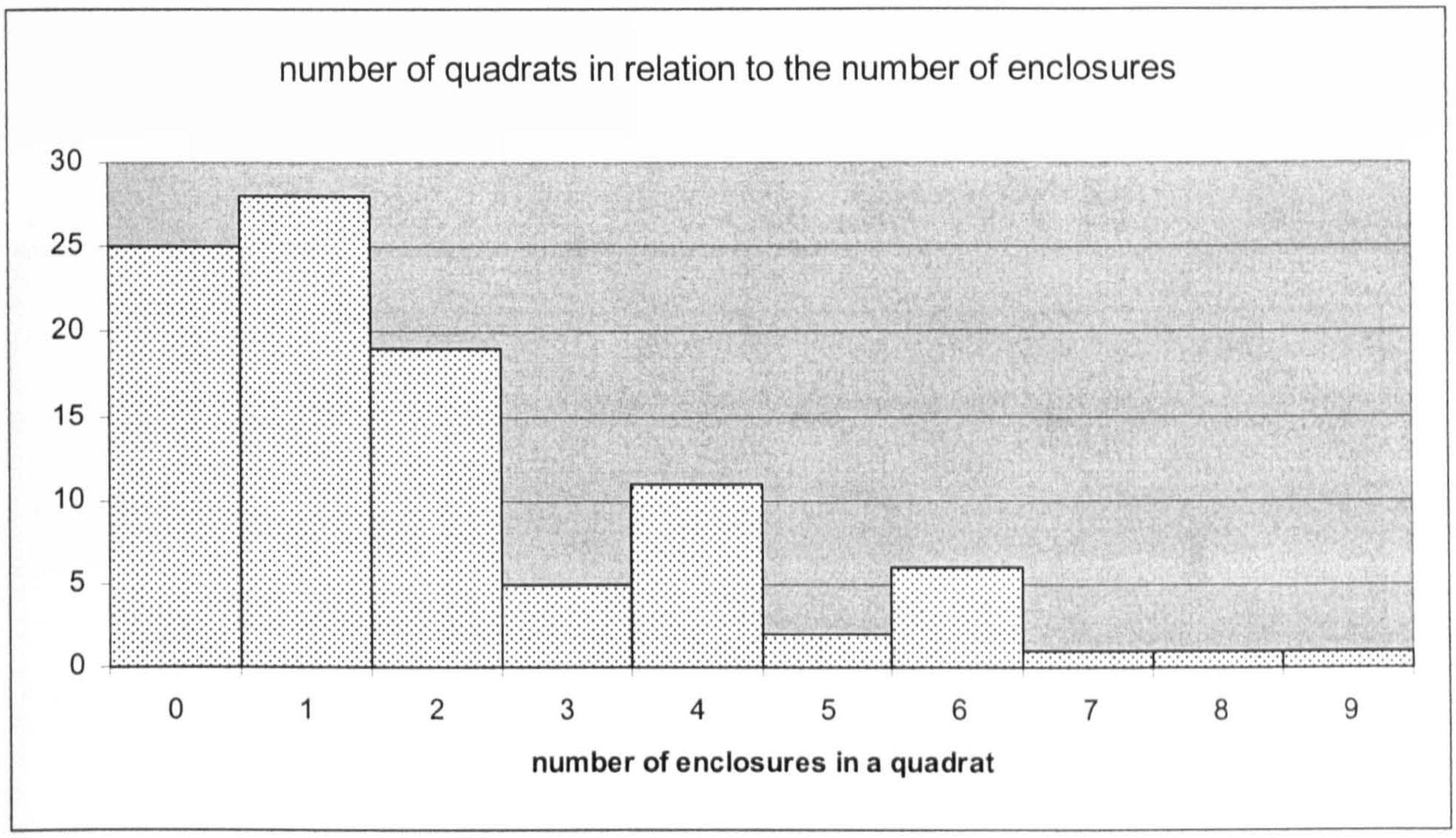
lambda	total quadrats	total points
1.520	304	462

# EQ/quadrat	Poisson P	Expected	Observed	(O-E)^2/E
0	0.21877	66.51	141.00	83.44
1	0.33247	101.07	51.00	24.81
2	0.25263	76.80	49.00	10.06
3	0.12798	38.91	21.00	8.24
4	0.04862	14.78	12.00	0.52
5	0.01478	4.49	11.00	9.42
>5	0.00474	1.44	19.00	213.91
Total	1	304	304	
			Chi Sq	350

Appendix Table 23 Poisson distribution and Chi-square test of the quadrat analysis of the total number of enclosures for the Dumfries study area (reject null hypothesis at the 0.001 level)



Appendix Figure 22 Quadrat grid and the number of circular enclosures for the Dumfries study area



Appendix Figure 23 Graph of the number of circular enclosures by quadrat for the Dumfries area

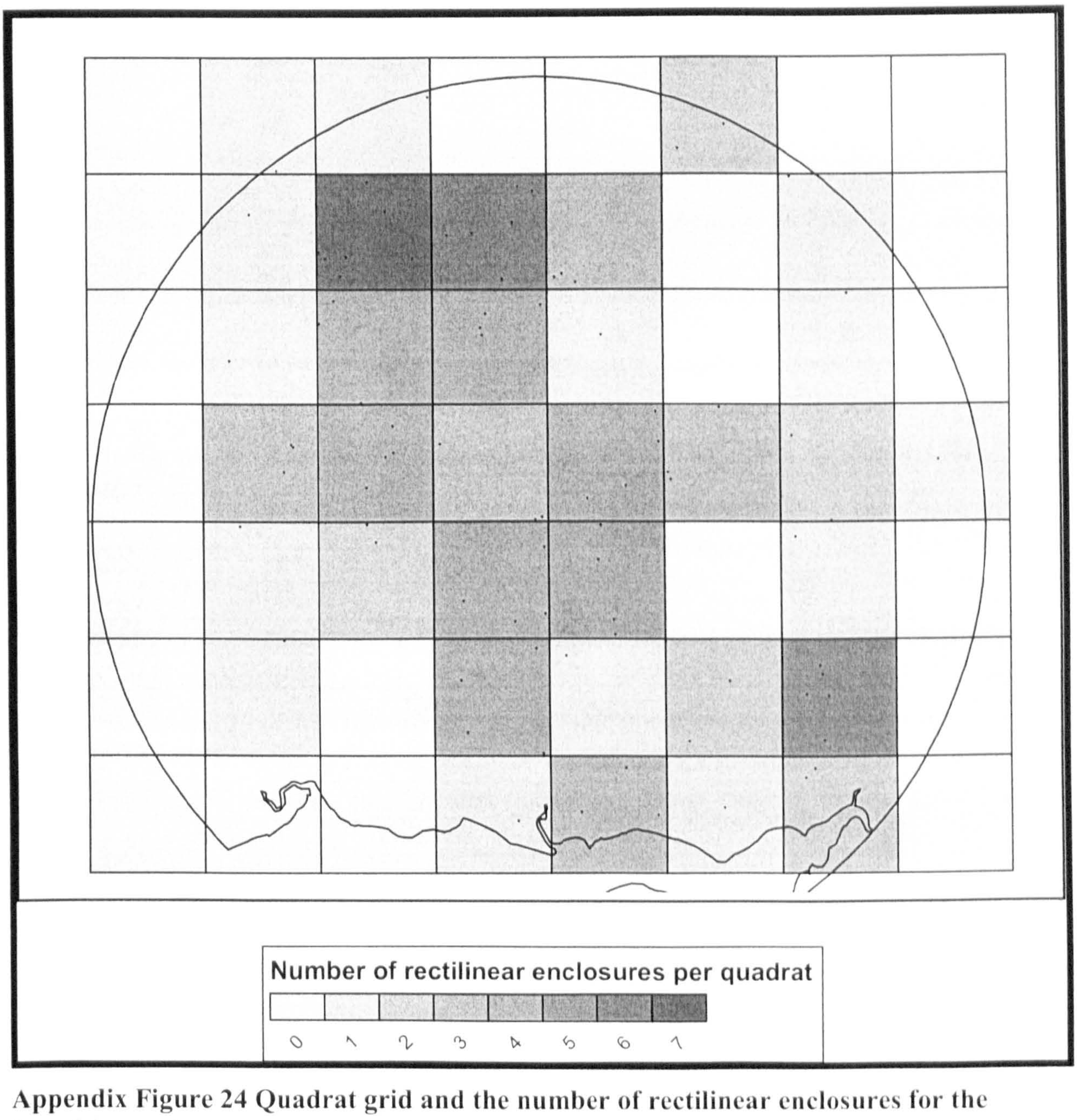
Information		Statistics	Variance
N. points	195	*VAR*	4.505
# quadrat	99	*MEAN*	1.97
quadrat size	3389	*VMR*	2.287

Appendix Table 24 *VMR* of the number of circular enclosures by quadrat for the Dumfries area

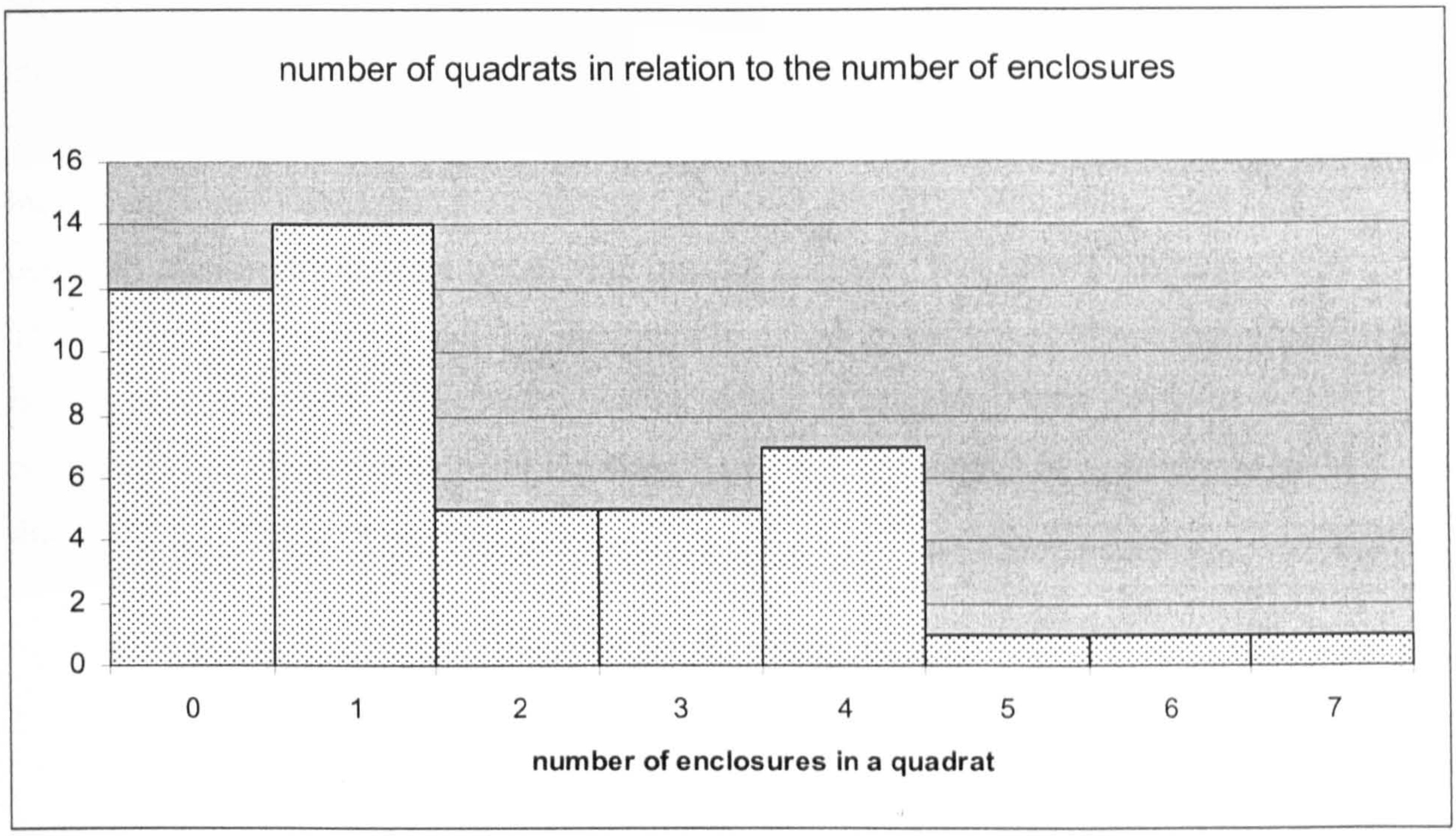
lambda	total quadrats	total points
1.970	99	195

# EQ/quadrat	Poisson P	Expected	Observed	(O-E)^2/E
0	0.13950	13.81	25.00	9.07
1	0.27477	27.20	28.00	0.02
2	0.27061	26.79	19.00	2.27
3	0.17767	17.59	5.00	9.01
4	0.08749	8.66	11.00	0.63
5	0.03447	3.41	2.00	0.58
>5	0.01549	1.53	9.00	36.34
Total	1	99	99	
			Chi Sq	58

Appendix Table 25 Poisson distribution and Chi-square test of the quadrat analysis of the number of circular enclosures for the Dumfries study area (reject null hypothesis at the 0.001 level)



Appendix Figure 24 Quadrat grid and the number of rectilinear enclosures for the Dumfries study area



Appendix Figure 25 Graph of the number of rectilinear enclosures by quadrat for the Dumfries area

Information		Statistics	Variance
N. points	85	*VAR*	3.788
# quadrat	46	*MEAN*	1.848
quadrat size	5367	*VMR*	2.05

Appendix Table 26 *VMR* of the number of rectilinear enclosures by quadrat for the Dumfries area

lambda	total quadrats	total points
1.848	46	85

# EQ/quadrat	Poisson P	Expected	Observed	(O-E)^2/E
0	0.15758	7.25	12.00	3.11
1	0.29118	13.39	14.00	0.03
2	0.26902	12.38	5.00	4.40
3	0.16570	7.62	5.00	0.90
4	0.07655	3.52	7.00	3.44
5	0.02829	1.30	1.00	0.07
>5	0.01168	0.54	2.00	3.98
Total	1	46.00	46.00	
			Chi Sq	16

Appendix Table 27 Poisson distribution and Chi-square test of the quadrat analysis of the number of rectilinear enclosures for the Dumfries study area (reject null hypothesis at the 0.02 level)

Nearest neighbour analysis:

Nearest neighbour analysis (*NNA*) is a technique which has been used by archaeologists since the 1950s (Adams & Jones 1981; Anaya Hernández 2001; Hodder & Orton 1976; Wheatley & Gillings 2002). Unlike quadrat analysis, *NNA* studies the distance between individual points rather than the number of points in any given area and as such is more useful in identifying specific trends than quadrat analysis (Wheatley & Gillings 2002). The distance between each point is measured to obtain an overall *observed* mean *r;* this is then compared with the *expected* mean *r,* which is calculated with Equation 8. The two results are the processed with Equation 9 to assess the degree of randomness of the distribution or nearest neighbour index (*NNI*):

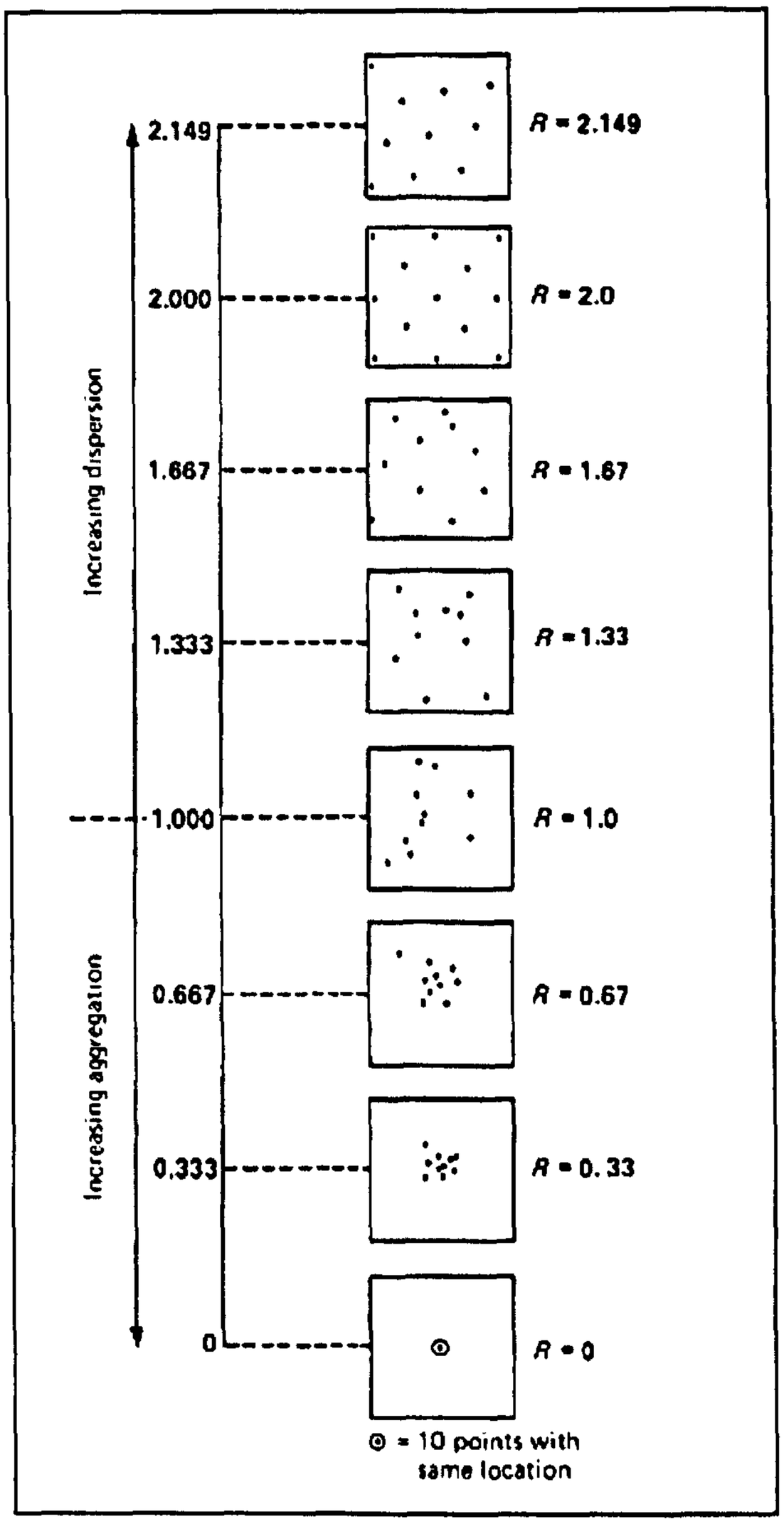
$$r_E = \frac{1}{2\left(\sqrt{N/A}\right)}$$

Equation 8 Formula for the expected average distance

$$R = \frac{\left(\bar{r}_O\right)}{\left(\bar{r}_E\right)}$$

Equation 9 Formula to determine the nearest neighbour index

The value of the *NNI* is between 0 and 2.1491, 0 representing a complete clustering of points and 2.1491 an evenly dispersed distribution, with 1 representing a random distribution (for an example of the theoretical distributions see Appendix Figure 26, which highlight the types of pattern). While this is very useful in determining if spatial clustering is apparent, it does have its drawbacks, in that it processes the entire sample rather than discrete areas, so isolated clusters are not highlighted as well as they could be; nor does it display these clusters in a simple manner. For a further discussion of *NNA,* see (Adams & Jones 1981; Hodder & Orton 1976; Wheatley & Gillings 2002).



Appendix Figure 26 The R-scale in near-neighbour analysis, with exemplary patterns

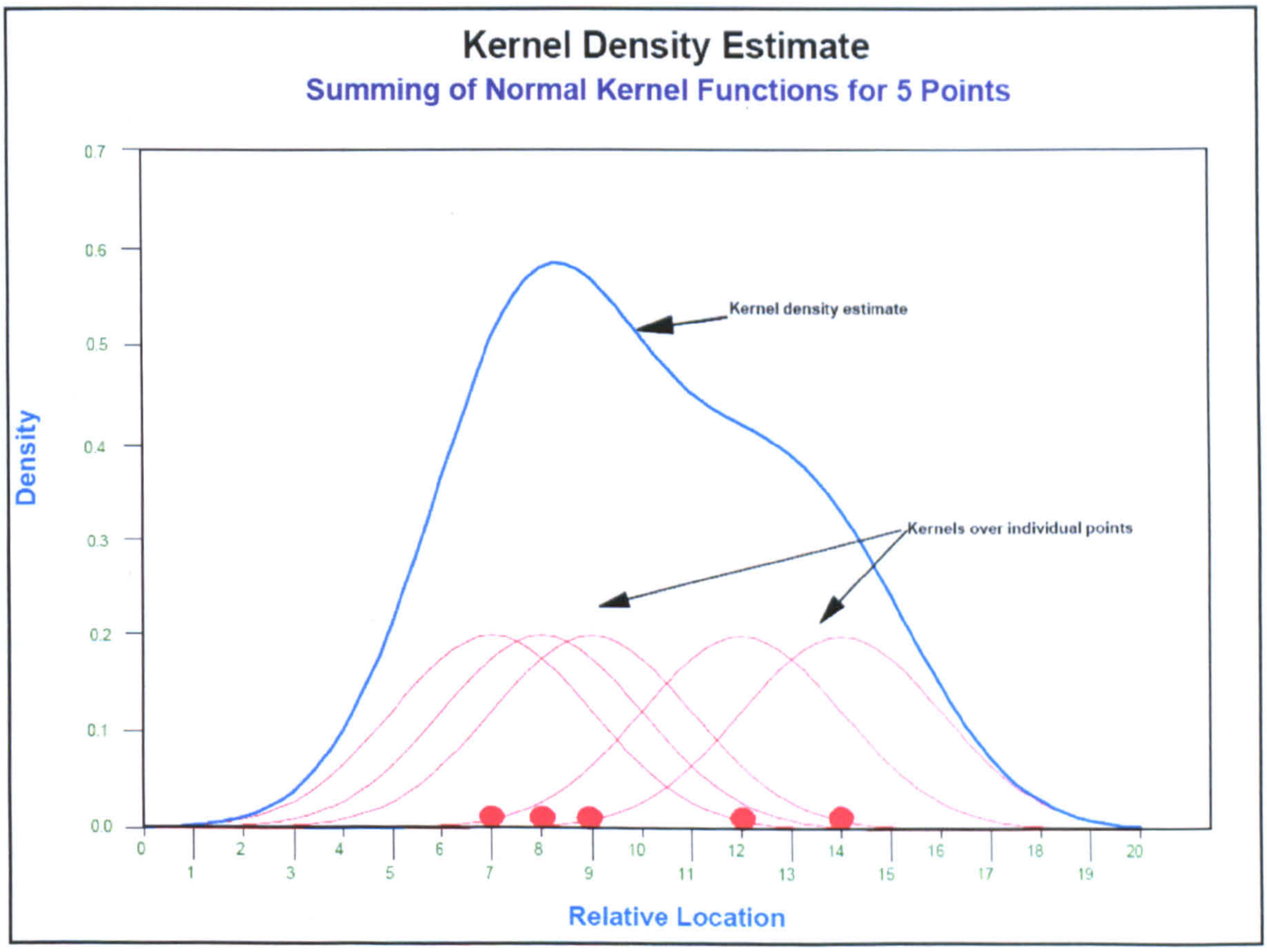
After (Adams & Jones 1981, p. 316)

Region	Newstead			
Type	ORDER	NNDISTANCE	EXPECTEDNN	NNINDEX
Total enclosures	1	754.21	971.75	0.776
	2	1151.75	1457.63	0.790
	3	1456.09	1822.03	0.799
Circular enclosures	1	1180.05	1656.34	0.712
	2	2006.48	2484.50	0.808
	3	2726.12	3105.63	0.878
Rectilinear enclosures	1	1739.23	2112.99	0.823
	2	2694.76	3169.48	0.850
	3	3471.91	3961.85	0.876
Region	Inveresk			
Type	ORDER	NNDISTANCE	EXPECTEDNN	NNINDEX
Total enclosures	1	511.17	803.69	0.636
	2	840.87	1205.54	0.698
	3	1096.08	1506.93	0.727
Circular enclosures	1	1019.13	1467.11	0.695
	2	1698.96	2200.67	0.772
	3	2169.16	2750.84	0.789
Rectilinear enclosures	1	1523.51	1880.29	0.810
	2	2306.61	2820.43	0.818
	3	2879.24	3525.54	0.817
Region	Dumfries			
Type	ORDER	NNDISTANCE	EXPECTEDNN	NNINDEX
Total enclosures	1	571.23	818.83	0.698
	2	970.59	1228.24	0.790
	3	1250.78	1535.30	0.815
Circular enclosures	1	960.63	1246.21	0.771
	2	1517.93	1869.31	0.812
	3	1929.96	2336.64	0.826
Rectilinear enclosures	1	1301.10	1729.72	0.752
	2	2221.41	2594.58	0.856
	3	2924.95	3243.23	0.902

Appendix Table 28 Nearest neighbour analysis for each of the study areas by site Type to the 3rd order

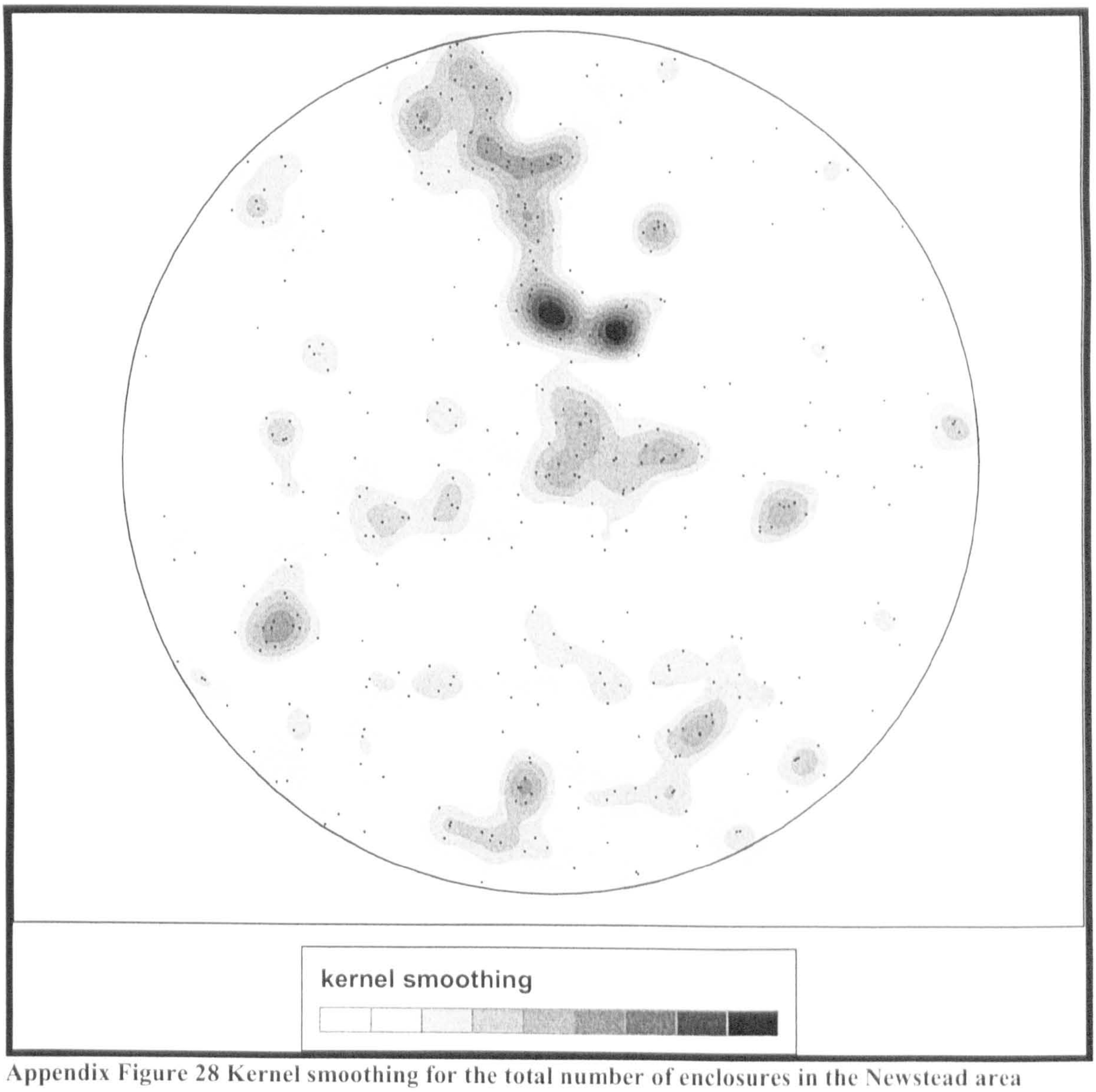
Kernel Smoothing:

In order to display the patterns which were tested earlier (quadrat and NNA), there are a number of techniques. The one used here, kernel smoothing, is a form of 'Hot Spot' analysis, which is often used in crime pattern analysis; the main advantage is that it visually intuitive and does not need an in depth grasp of spatial pattern analysis to interpret as do many other methods. Kernel smoothing or Kernel Density Estimates (KDE) is a statistical interpolation method (see Appendix Figure 27), and has been used as a method to analyse bivariate data and as an alternative to histograms (Baxter *et al.* 1997). The spatial potential of the technique for archaeological application has been argued by Wheatley and Gillings (2002), who suggest that the method has several advantages. While the technique is extremely useful to analyse weighted data, it is also effective as a means of identifying clusters. The search radius was set to the equivalent of a 20-30 minute walk. This time factor is to limit the overall size of the 'hot spots' and to address the possibility of that these existing clusters would have related to close social networks.

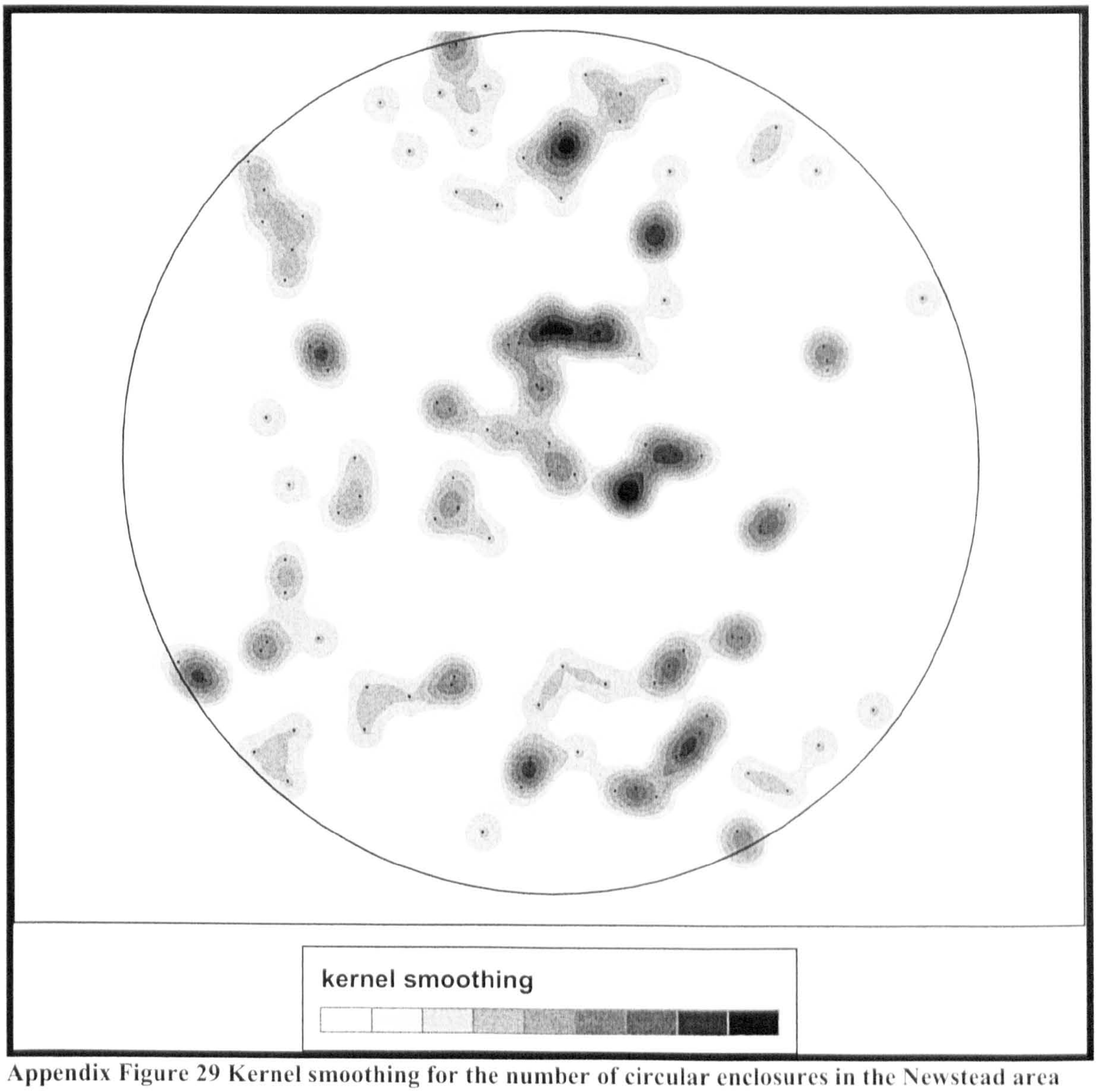


Appendix Figure 27 Kernel Density Estimate and example

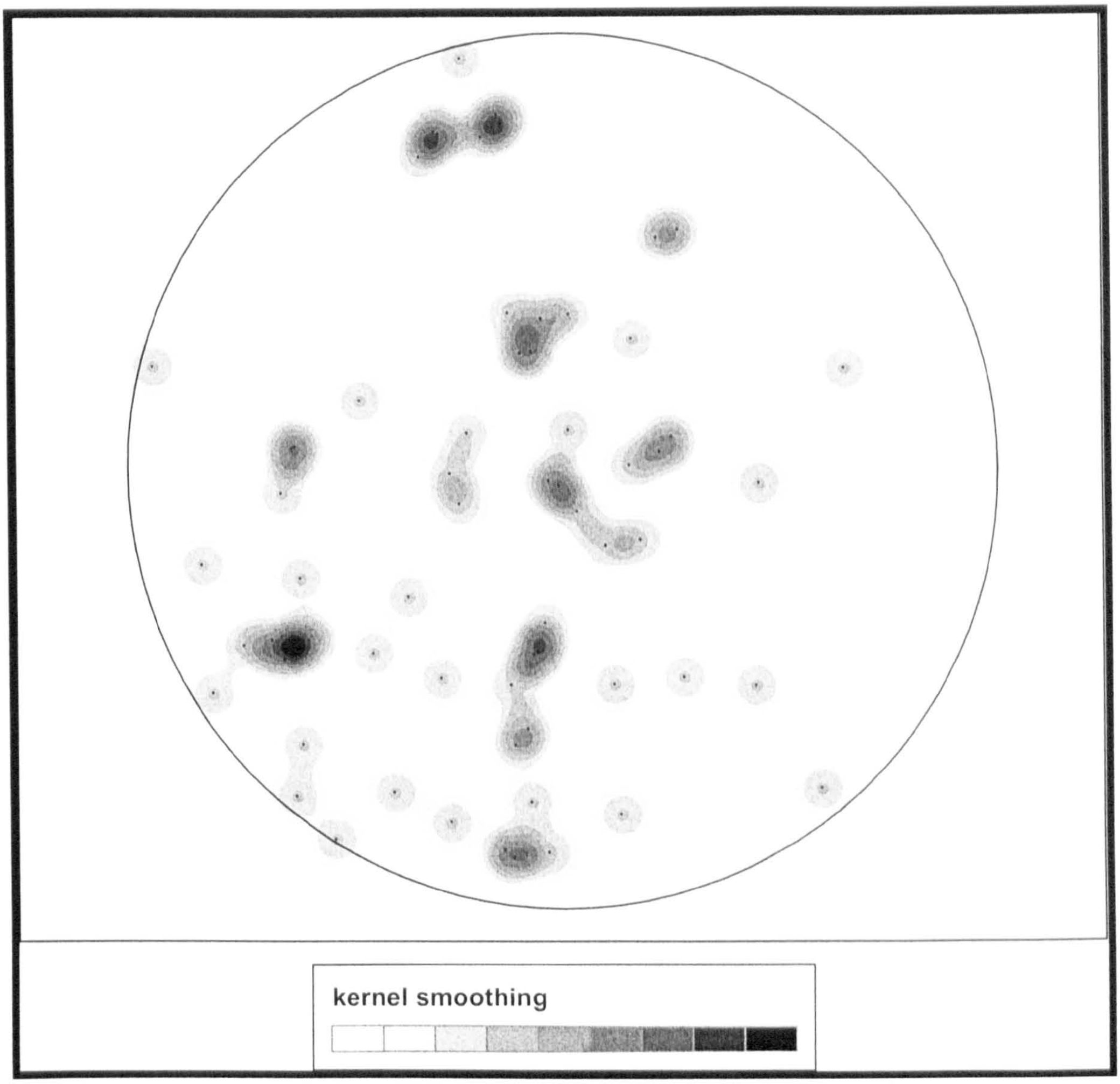
After (Levine 1999)



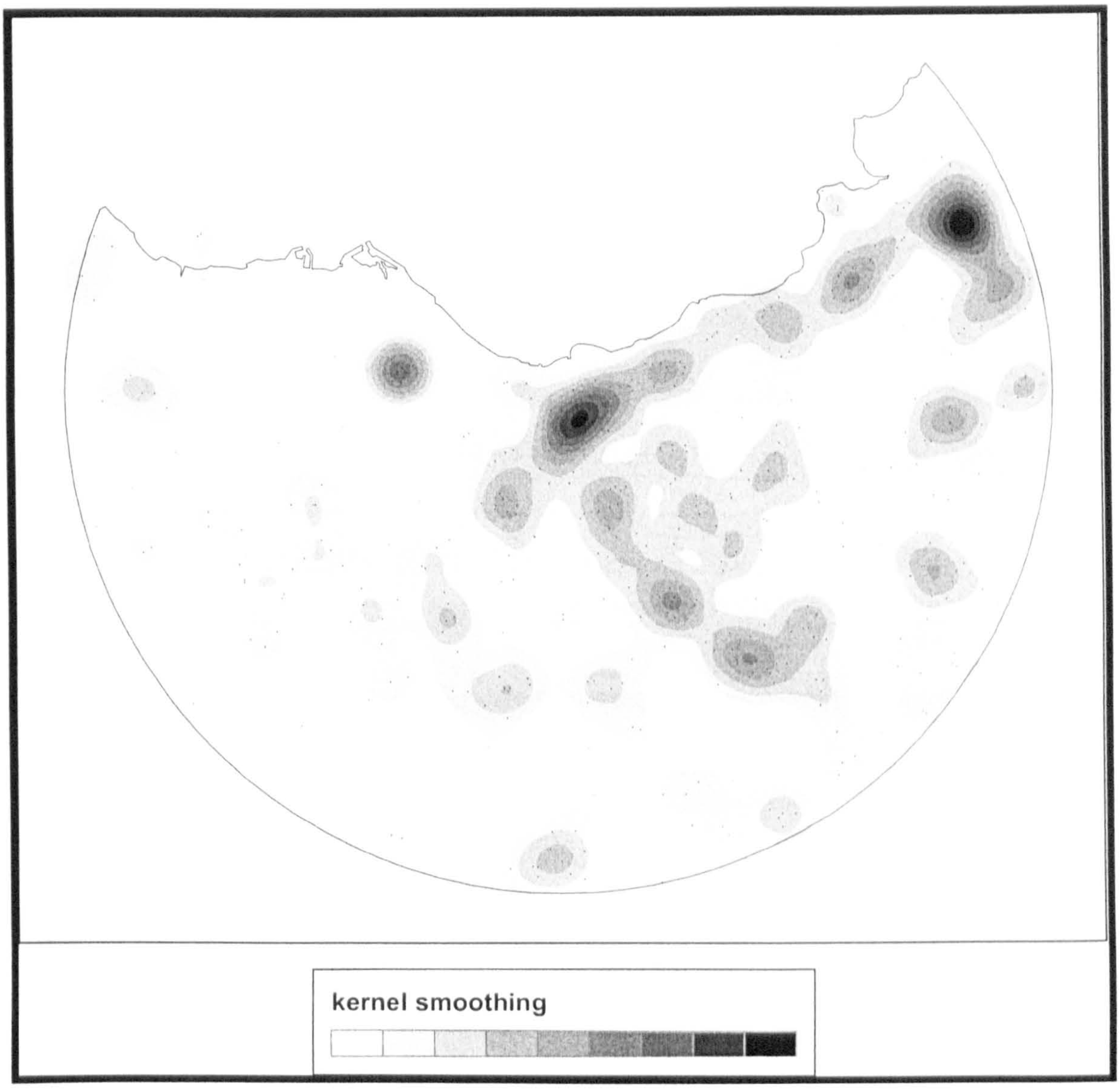
Appendix Figure 28 Kernel smoothing for the total number of enclosures in the Newstead area



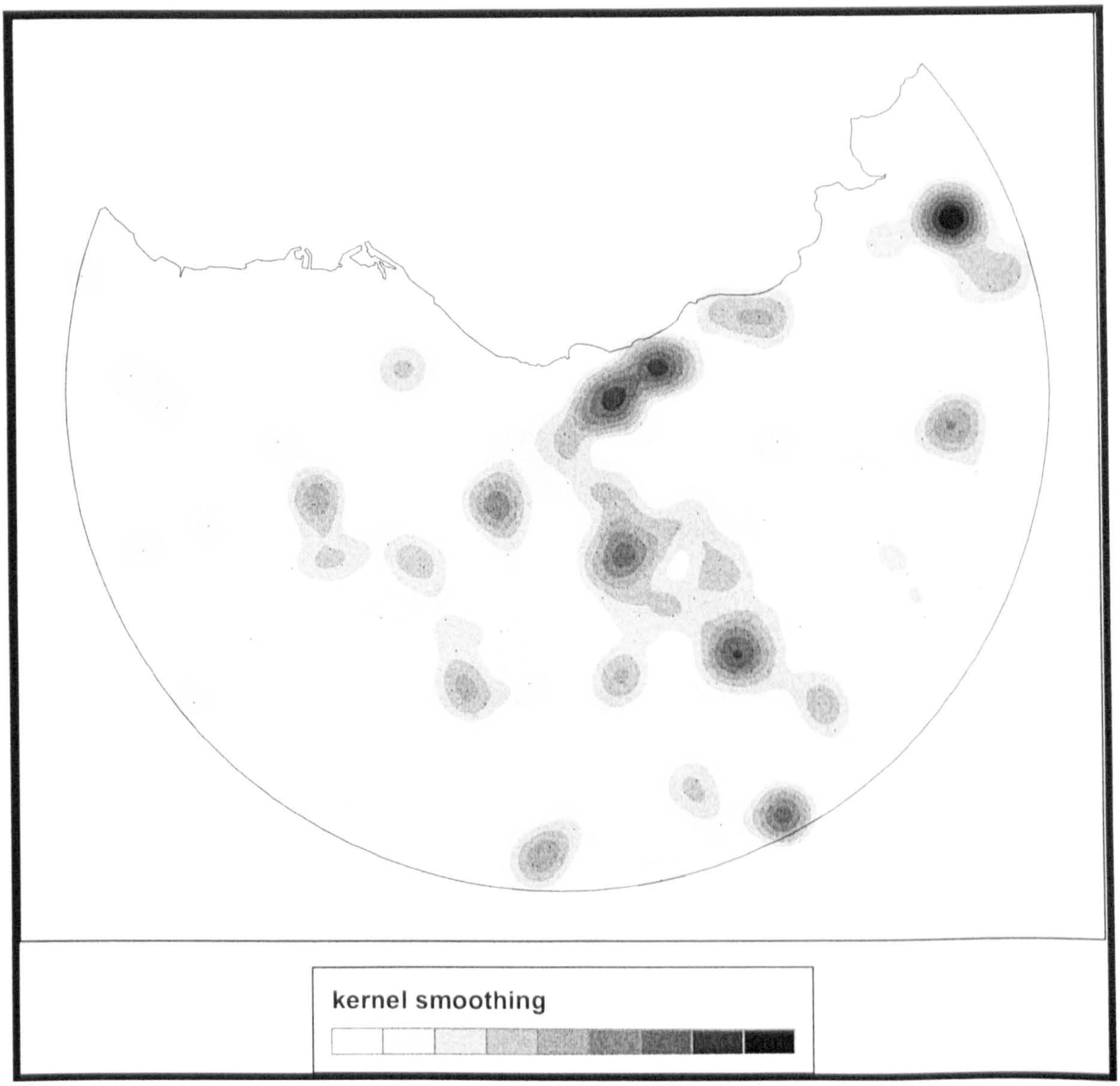
Appendix Figure 29 Kernel smoothing for the number of circular enclosures in the Newstead area



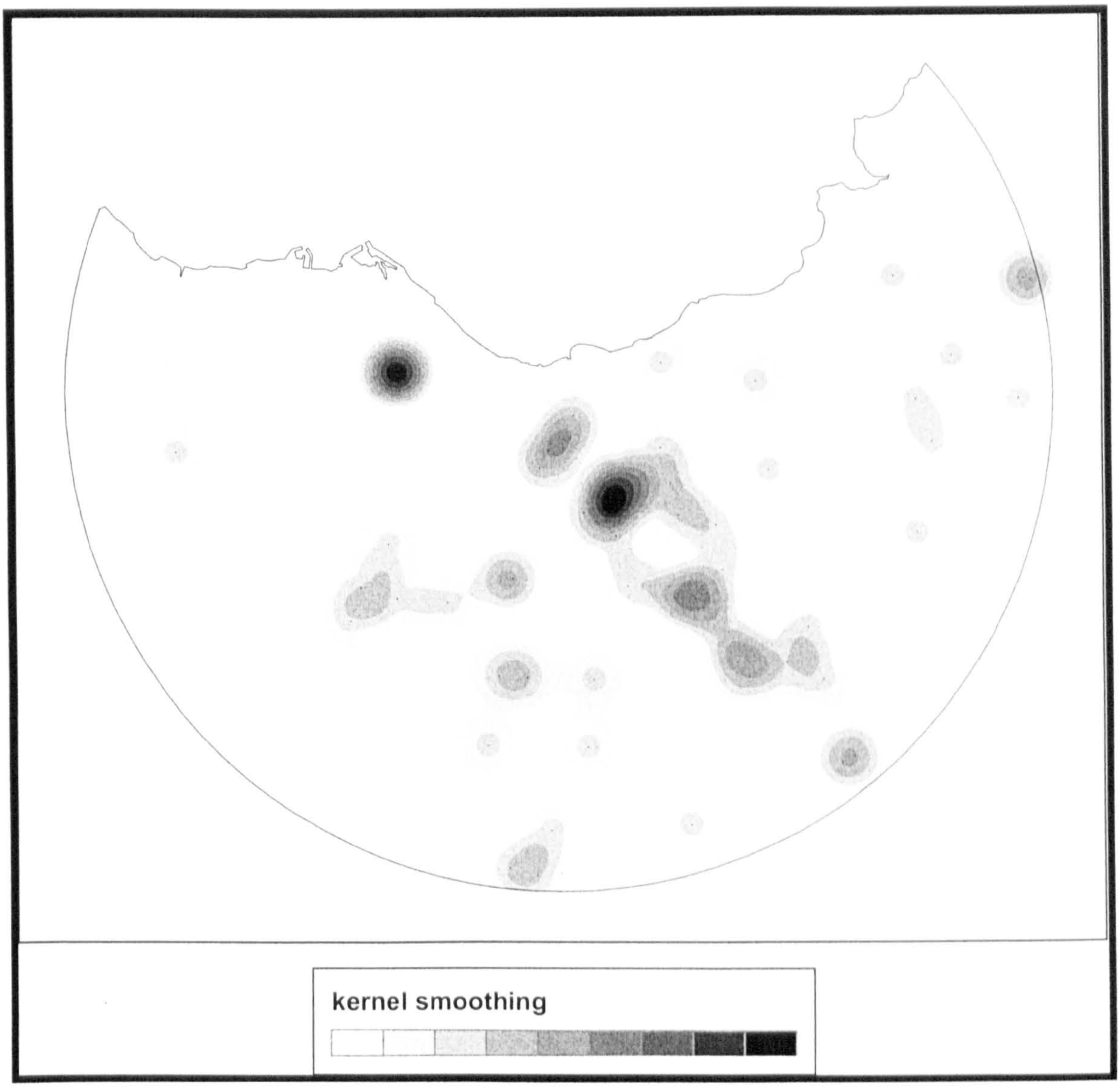
Appendix Figure 30 Kernel smoothing for the number of rectilinear enclosures in the Newstead area



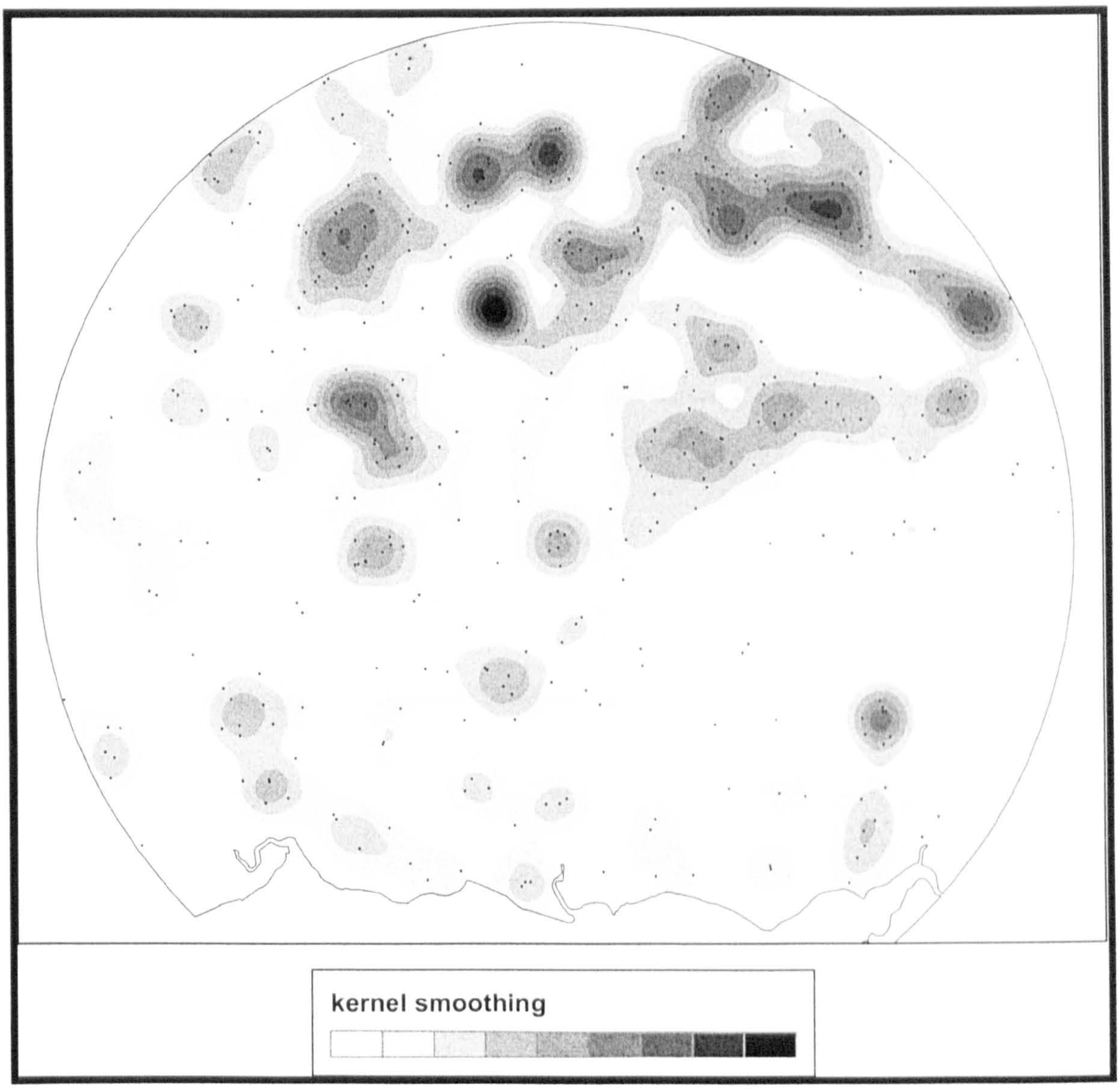
Appendix Figure 31 Kernel smoothing for the total number of enclosures in the Inveresk area



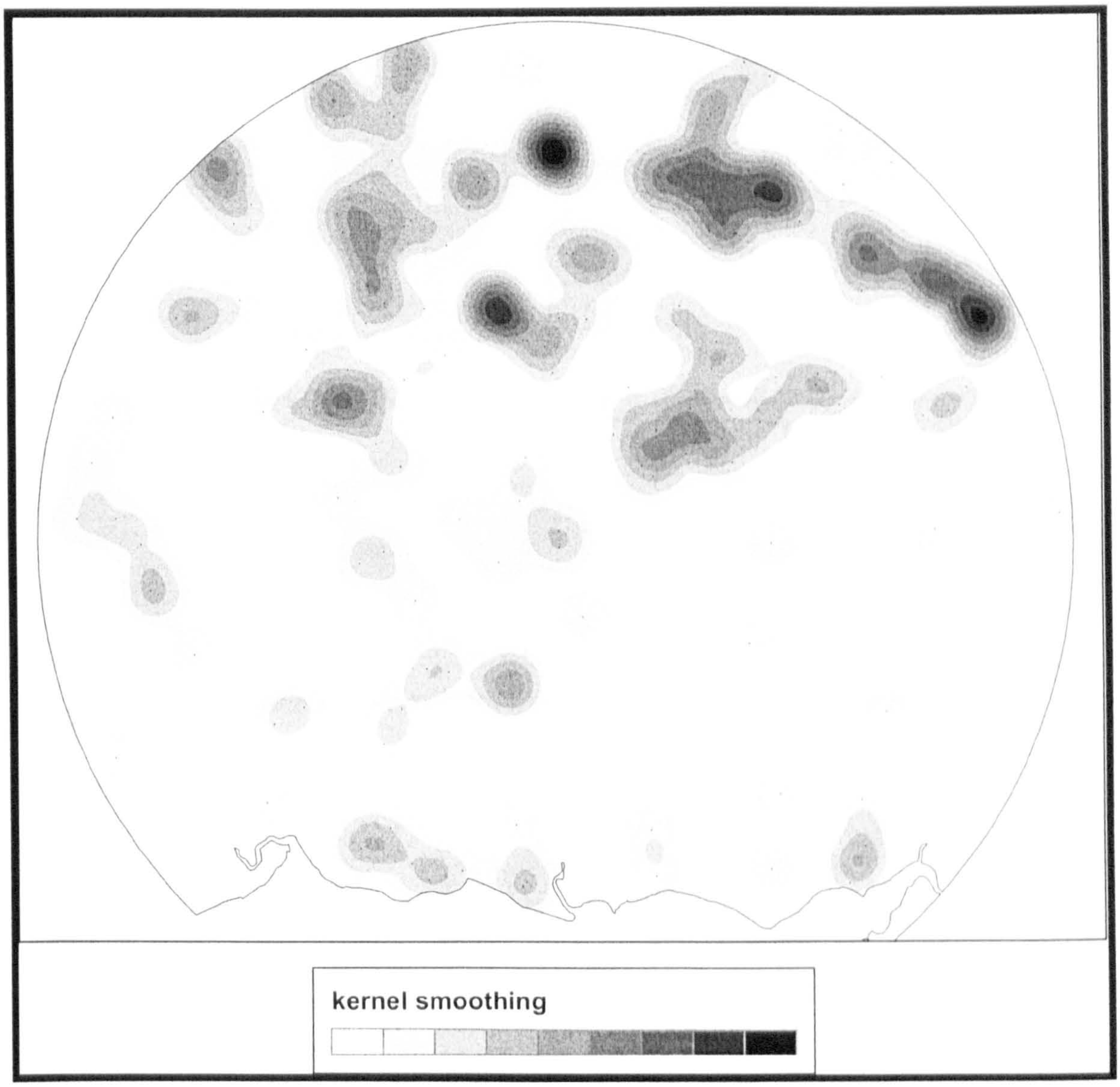
Appendix Figure 32 Kernel smoothing for the number of circular enclosures in the Inveresk area



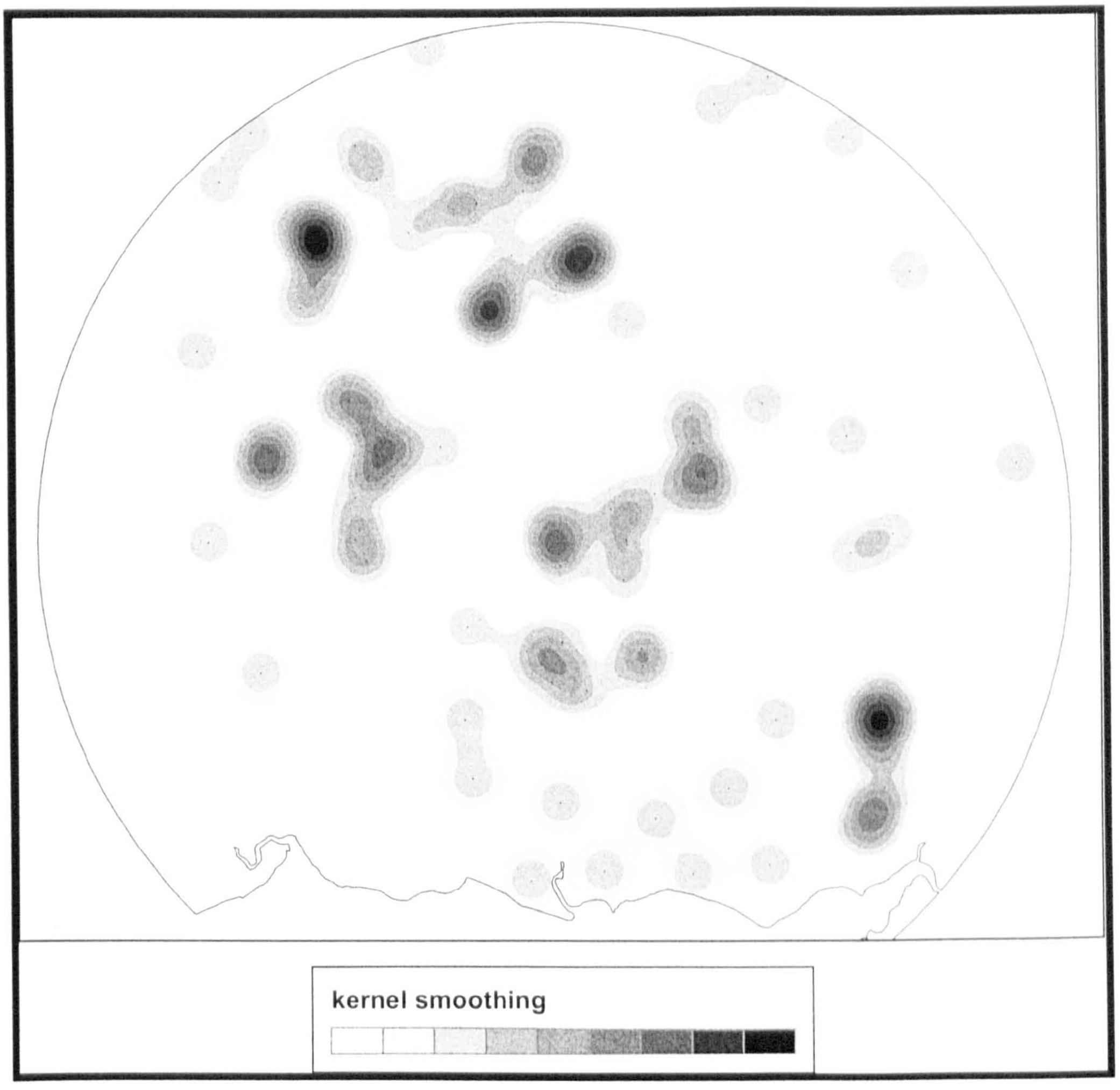
Appendix Figure 33 Kernel smoothing for the number of rectilinear enclosures in the Inveresk area



Appendix Figure 34 Kernel smoothing for the total number of enclosures in the Dumfries area

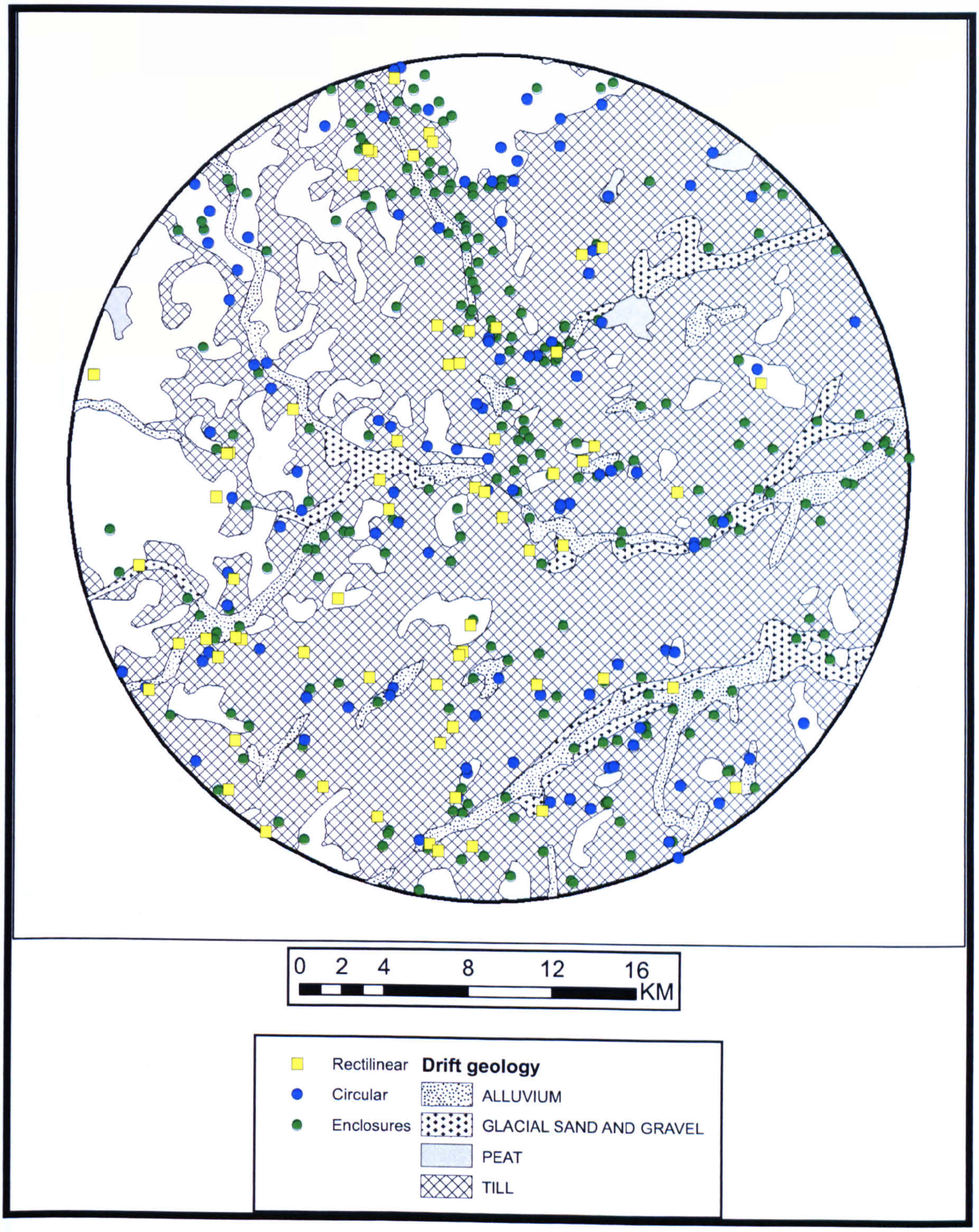


Appendix Figure 35 Kernel smoothing for the number of circular enclosures in the Dumfries area

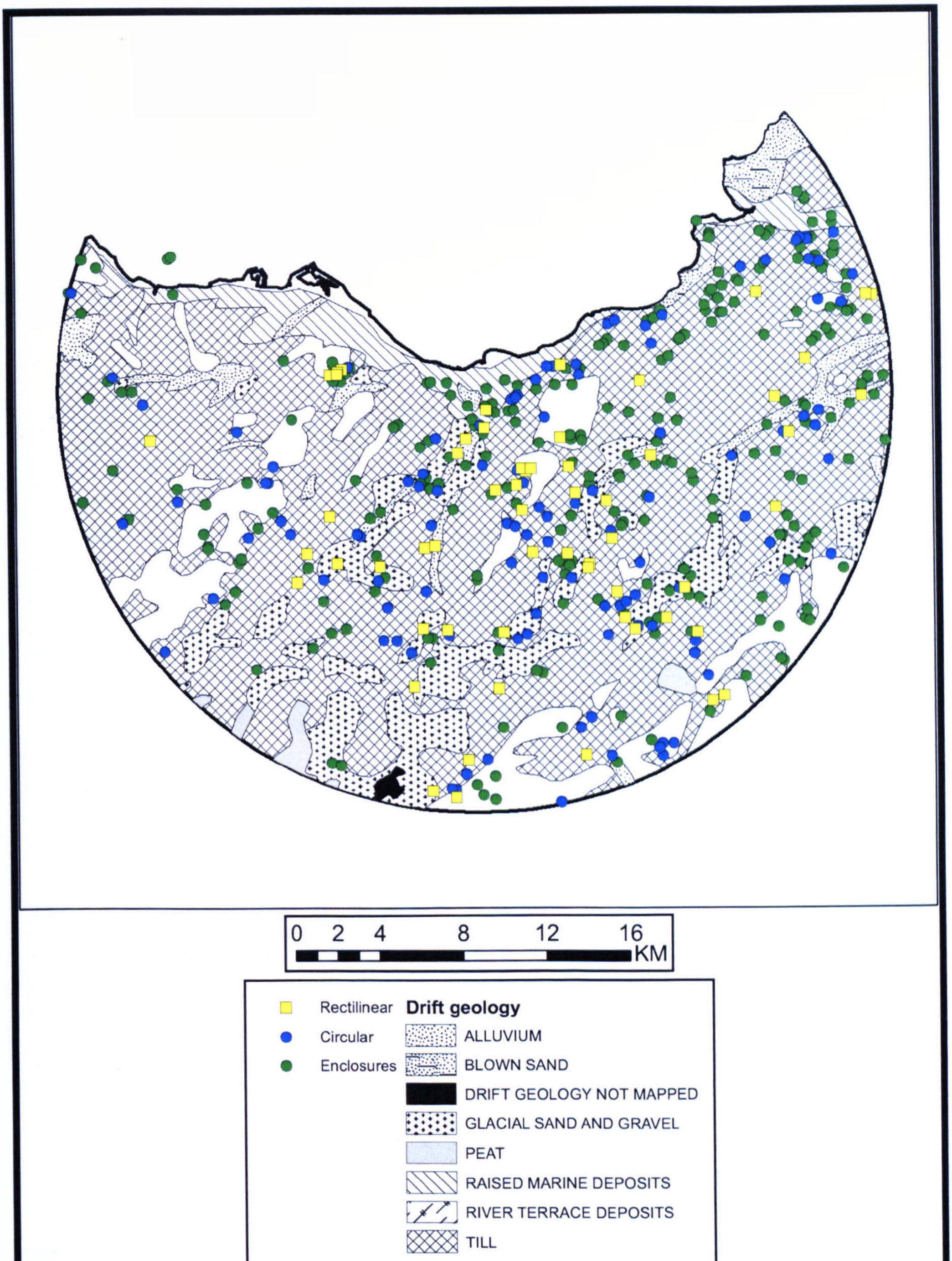


Appendix Figure 36 Kernel smoothing for the number of rectilinear enclosures in the Dumfries area

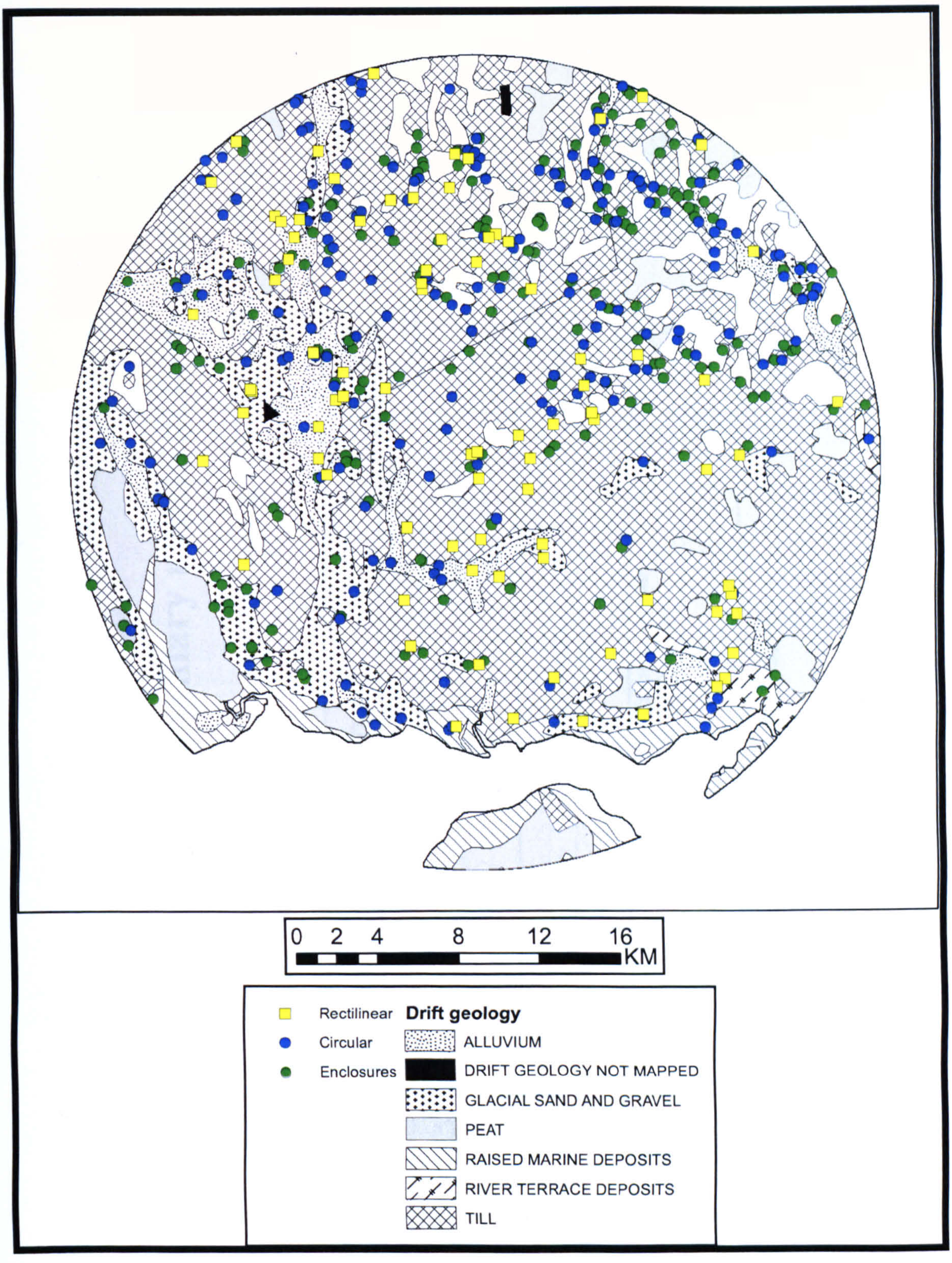
Appendix VI Drift geology and enclosure distribution



Appendix Figure 37 Newstead settlements and drift geology



Appendix Figure 38 Inveresk settlements and drift geology



Appendix Figure 39 Dumfries settlements and drift geology

Appendix VIII The ethnic origin of auxiliary unities at forts within the study areas

The ethnic origin table highlights the known periods of occupation at each of the forts in these study areas, in addition it also indicates the place of origin if known. This information was complied from

Study areas	Forts	catagories of occupation Flavian	Antonine	Severan	Unit	origin	Evidence
Newstead	Newstead	x	x	x	Cohort of the twentith legion	*Italian*	Insription
					Cavalry unit of vocontii	*southern Gaulish*	Insription
	Oakwood	x					
	Cappuck	x	x			*?southern Gualish*	Insription from Jedburgh
						?Raetian	Insription from Jedburgh
Inveresk	Inveresk		x				
	Cramond		x	x	V Gallorum	*Gaulish*	Insription
					II Tungrorum	*Tungri*	Insription
	Eilgnhaugh	x					
Dumfries	Birrens	x	x		I Augusta Neruana Germanorum	*Germanic*	Insription
					II Tungrorum	*Tungri*	Insription
	Ladyward	?	?				
	Broomholm	x					

Appendix Table 29 Known Ethnic origin of units in the study areas

Appendix IX Gazetteer for the Newstead study area

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
9640	LEGERWOOD	358000	643000									
53057	TINNIS	338000	629300									
53064	BROCKHILL BURN	339500	625000					X		X		
53102	TOWER KNOWE	339350	636140									
53112	KILL BRAE	338060	639040					X			X	
53122	SHAW PLANTATION	339310	637990									
53124	HOLYLEE	339410	637740									
53175	'WALLACE'S TRENCH'	338630	632310									
53177	BROWN KNOWE	338830	632600									
53178	HANGINGSHAW RIG	338900	631700					X				
53182	LEWENSHOPE RIG	338400	630600									
54113	LONGMOSS KNOWE	347000	618000					X				
54118	COLDHOUSE KIPP	348220	617210					X				
54134	LEAP LINN	344600	619520					X		X	X	
54140	LEAP HILL	344110	619470					X				
54205	BELL HILL	349780	628580					X			X	
54206	LINGLIE	346410	629990					X				
54214	GREENHEAD	349700	628500									
54215	BROWNMOOR GLEN	346060	626140					X		X		
54222	NEW GREENHILL	348150	626010						X		X	
54223	SELKIRK	347000	628000		X	X						
54225	SELKIRK	347000	628000									
54228	PHILIP HAUGH	345600	628200		X							
54229	SOUTH COMMON FARM	348000	627400									
54230	THE HAINING	346800	628000									
54236	SELKIRK (AREA)	347000	628000		X							
54238	SELKIRK	347000	628000									
54243	SELKIRK, ST ANDREW'S WELL	347000	628000									
54245	MOTE LINN	345200	626600						X		X	
54255	PHILIPHAUGH	345000	628000									
54261	SELKIRK	347000	628000									
54263	GREENHEAD	349000	629000									
54267	SOUTH COMMON	348100	627500									
54268	HOWDEN	345000	627000									
54270	HAINING DEER PARK, ST MUNGO'S WELL	347340	627950									
54274	OAKWOOD	343350	625550						X		X	
54275	OAKWOOD	343650	625960						X		X	
54276	OAKWOOD	342480	625440	X								
54277	OAKWOOD MILL	344500	626300									
54283	PHILIPHAUGH	343600	627900									
54284	BATTLEPARK PLANTATION	344500	628200						X		X	
54285	HAREHEAD	342900	628800									
54286	OAKWOOD	343500	626600						X			X
54290	THIRLADEAN	344600	628000						X			
54291	THIRLADEAN	344440	628090									
54292	BOWHILL	343200	627700						X			
54293	OAKWOOD	344000	626200									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
54294	MIDDLESTEAD	344900	626700						X			X
54295	LONG PHILIP BURN	344520	629760						X		X	
54297	OAKWOOD	342100	625900									
54298	HAREHEAD	342000	628000									
54299	PHILIPHAUGH	344000	627000									
54301	CORBY LINN	344800	629450						X			X
54302	PHILIPHAUGH	343990	627790									
54304	TAMLANE'S WELL	343740	626810									
54305	CASTLE HILL	342200	626360						X			X
54306	MIDDLESTEAD	344070	625730						X			X
54308	NORTH SYNTON	348300	623900						X		X	
54309	BLACKCASTLE HILL	348110	621610						X			
54310	BLACKCASTLE HILL	347920	621680									
54311	ASHKIRKSHIEL	348020	620280						X			
54313	DRYDEN GREENHILL	348200	624700									
54314	SYNTON MOSSEND	348200	621400									
54315	BROADLEE HILL	345400	621800									
54318	CLERKLANDS	349830	624560						X			
54320	SYNTON PARKHEAD	348700	621400									
54323	CASTLESIDE HILL	345300	620990									
54329	CAMPKNOWE PLANTATION	348200	621940						X		X	
54330	OAKWOOD	342500	624910	X								
54331	ESSENSIDE	344280	621620									
54332	WOLL RIG	344700	623100						X			
54333	HUNTLY BURN	340770	624190						X		X	X
54334	HUNTLY BURN	340640	624280						X		X	
54335	BROADLEE HILL	344890	621880						X		X	X
54336	WESTER ESSENSIDE	343040	620860						X		X	
54339	ESSENSIDE	344000	620000									
54340	HARTWOODMYRES CAMP	343300	624800									
54342	MEIGLE POTS	345600	636400									
54344	TORWOODLEE	346600	638300									
54345	GALASHIELS	347580	637450						X			X
54347	GALASHIELS, KNOWE PARK	348390	636530						X			
54353	TORWOODLEE	346550	638470		X				X	X	X	
54355	GALASHIELS	349000	635000									
54358	WHITELEE	346330	639680						X		X	
54359	WILLIAM LAW	347170	639390									
54361	'CATRAIL'	348000	638500									
54362	TORWOODLEE GOLF COURSE	347860	638290									
54365	TORWOODLEE	347100	637900									
54376	WHITELEE	346000	639000									
54383	TORWOODLEE	347500	638140									
54388	OLD THORNYLEE	341820	636820									
54392	CADDONLEE	344580	635340						X			X
54393	CADDONLEE	344450	635300						X			X
54396	CAULD FACE	340600	636700									
54407	LAIDLAWSTIEL	342000	636000									
54413	CADDONLEE	343960	635510						X			
54414	LAIDLAWSTIEL HILL	343200	636800									
54417	LINDEAN	348660	630870						X			
54418	SUNDERLAND HILL	347000	631920						X		X	
54419	CRIB'S HILL –	347450	632220									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
	HOWDENPOT KNOWES											
54423	GALA HILL	349200	634900			X	X					
54425	HOWDENPOT BURN	346520	631880									
54428	FALDONSIDE	349700	632400						X			
54429	FAIRNLEE	345400	632900						X			
54431	BRODEN STRIPS	349700	630610									
54432	YAIR	345000	632000									
54442	SUNDERLAND HALL	348600	631700									
54443	BAILHILL WOOD	349100	631500						X			
54447	HOLLYBUSH	347810	634480						X	X		
54448	RINK HILL	348020	632700		X				X	X		
54450	RINK HILL	348360	633080						X			
54451	CAIRN RIG	343820	631160									
54452	THE THREE BRETHREN	343200	631900									
54453	PEAT LAW	344100	630800									
54454	YAIR HILL FOREST	340000	630000									
54456	BROOMY LAW	342090	631630									
54457	YAIR	344710	633230						X	X		
54459	CRAIG HILL	343960	633280						X		X	
54460	HANGINGSHAW	340290	630040						X		X	
54464	LAUDER COMMON	349600	646500						X			
54466	WHITLAW	349800	647800									
54469	LAUDER COMMON	349600	646300									
54470	BURGESS' CAIRN	348330	645880									
54471	TORQUHAN	345350	647770						X			
54472	CRAIGEND	345400	645670						X	X		
54473	MUIRHOUSE	346300	645010						X			
54476	LITTLE CATHPAIR	345800	646300									
54477	'MONUMENT FIELD'	345800	646840									
54478	TORQUHAN HILL	345140	647320									
54481	COTTIE HILL	343500	645630									
54483	TORQUHAN	344600	648000						X			
54489	WATHERSTON HILL	343200	646400						X			
54490	SYMINGTON HILL	342860	648200						X	X		
54492	CARSINKER	344420	648450						X			
54494	SCROOF HILL	341300	645700									
54495	PENPLOTH	343000	648000									
54498	PIRN KNOWE	343980	647540									
54499	EWES HILL	341960	646010									
54500	EWES HILL	342070	645950						X			
54503	WATHERSTON	343300	646020						X			
54504	WATHERSTON HILL	343570	646910						X	X		
54509	STAGEHALL	345400	644400		X							
54513	ALLANSHAWS	349100	643800									
54516	HAWKSNEST	349900	640300									
54518	STOW	345000	644000									
54519	STOW	345000	643000									
54520	BOW CASTLE	346130	641710			X			X			
54577	OVERHOWDEN	348690	652270									
54579	OVERHOWDEN	348580	652090									
54580	OVERHOWDEN	348200	652010									
54580	OVERHOWDEN	348200	652010									
54584	BOWERHOUSE	349050	650990						X	X		
54591	BOWERHOUSE	349500	650700									
55197	RUBERS LAW	358370	615390			X						

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
55199	RUBERS LAW	358000	615000									
55203	RULE WATER	359530	618670						X			X
55204	BEDRULE	359890	619090						X		X	
55207	DENHOLM	357540	618840									
55208	WELLS	359580	616720						X			
55210	DENHOLM	356000	618000									
55211	HASSENDEAN BANK	355510	619250						X		X	
55212	DENHOLMHILL	356800	616400			X						
55213	DEANHEAD	355700	616300					X				
55214	HASSENDEAN BANK	356100	619200									
55215	HIGHLANDERS' KNOWE	358100	619400									
55216	HASSENDEAN BANK	355740	618520					X				
55217	TEVIOT BANK	355300	618600					X				
55220	HASSENDEAN BANK	355700	619660					X				
55224	HASSENDEAN BANK	356000	618940					X				
55225	HASSENDEAN BANK	355390	619230					X			X	
55231	DENHOLMHILL	356000	616000									
55232	BILLERWELL	359000	615000									
55234	RUBERS LAW	357270	615430									
55236	BILLERWELL	359000	615000									
55238	RUBERS LAW	358000	615000									
55245	RUBERS LAW	358000	615000			X	X					
55246	ST MARY'S WELL, RUBERS LAW	357930	615720									
55247	DENHOLM DEAN	356200	616920						X		X	
55248	WHITCASTLE FORT	356760	616480						X			
55249	RUBERS LAW	358030	615570			X	X	X	X			
55252	CLARILAW HILL	352270	617630						X			
55253	MIDSHIELS	353310	617700									
55254	MIDSHIELS	353390	617740									
55255	COURT HILL	351950	616900						X			
55257	CLARILAW	352400	618300									
55260	NEWHOUSES	351700	618290						X		X	
55261	CAVERS MAINS	354510	616600									
55265	ASHYBANK	354000	617000									
55266	EASTCOTE	354300	617740		X							
55267	CAVERS MAINS STRIP	354180	617030						X		X	
55268	CAVERS MAINS	354800	616700		X							
55270	CLARILAW HILL	352200	617500						X			
55271	HAWICK, BURNFOOT, MACLAGAN DRIVE	351000	615900			X	X					
55278	CAVERS MAINS	354590	616700						X		X	
55280	CLARILAW HILL, QUARRIES	352300	617800									
55315	NETHER TOFTS	355300	614600									
55357	KINNINGHALL HILL	353680	614880						X			
55398	BLACKCHESTER	356100	627360						X		X	
55400	BELSES MILL	357900	625700						X			
55406	PINNACLE	358430	625710									
55407	WILLIAMRIG COTTAGE	359380	626010						X			
55408	LONGNEWTON MILL	357090	626340						X			
55409	BEWLIE	355750	626080						X		X	
55410	CAMIESTON	357000	629000									
55414	BEWLIE	356100	625900									
55451	STANDHILL	356350	623100						X	X		
55455	MINTO	356000	620000									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
55456	ROCK PLANTATION	359590	623180						X			
55458	MENSLAWS	359180	620550									
55462	MIRE HILL	356250	624820						X			
55463	MINTO KAMES	355000	622600									
55464	TRONEYHILL	357900	623000									
55465	MINTO	356000	620000									
55467	BELSES STATION	357460	624860						X		X	
55469	BLOOMFIELD	359250	624580						X			X
55470	SOUTH MINTO HILL	355920	620640						X		X	
55471	NORTH MINTO HILL	356130	621440									
55474	BOOSMILL HILL	350290	623460						X		X	
55477	CLERKLANDS	350300	624600									
55478	MINTO KAMES	354680	621820						X			X
55480	WEST MIDDLES	353300	624600									
55481	HERMISTON	351200	623100									
55484	RIDDELL	351630	624420									
55487	RIDDELL	352420	624380						X		X	
55488	NEWHOUSE	352280	624020						X		X	
55489	CHILDKNOWE	354510	624540						X			X
55490	HUNTSHAW	357450	639950		X				X		X	
55495	WHITE HILL	357880	637690		X							
55496	EARLSTON	357000	638000									
55497	EARLSTON	357000	638000		X							
55501	EARLSTON	359660	639750									
55503	RIDGEWALLS, CAIRNEYMOUNT	355000	639660						X		X	X
55504	CHESTERLEE, CAIRNEYMOUNT	355500	639730						X		X	X
55505	CAMP PLANTATIONS, CRAIGSFORD	356340	637810						X		X	
55508	CRAIGSFORD MAINS	356000	638000									
55511	CRAIGSFORD MAINS	356000	638000									
55513	EASTER HILL	356900	635150						X		X	
55514	CHESTER KNOWE	355400	635600						X		X	
55516	DRYGRANGE	357360	635200		X							
55517	EARLSTON, WHITE HILL	357800	637700						X			
55518	PARK, REDPATH	358850	636180						X			
55519	TURFFORD BURN	359200	639200									
55520	CRAIGSFORD BURN	356600	637600						X		X	
55521	KITTYFIELD	356100	635200									
55525	EARLSTON	357000	638000									
55529	HUNTSHAW	356930	639560									
55530	REDPATH DEAN	358600	636500						X			
55533	'REDPATH	358350	636050						X			
55534	BLACK HILL	358590	637020						X			
55539	CRAIGSFORD BURN	355900	637400									
55540	CHESTER KNOWE	355520	635650									
55542	EARLSTON MAINS	357970	638880						X			
55544	SORROWLESSFIELD	357000	637000									
55545	REDPATH HILL	359950	636040									
55546	CLACKMAE	356000	639000									
55547	CRAIGSFORD MAINS	356000	638000									
55548	THE PARK	359000	636000									
55552	HUNTSHAW	357000	639000									
55554	WELL FIELD	357300	639800									
55556	GLADSWOOD	358550	635120						X			

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
55560	WESTER HOUSEBYRES	353000	636400									
55563	CHATTO CRAIGS	352100	638800									
55564	COOPERS KNOWES	351680	636950									
55565	AVENEL HILL	352260	636660						X		X	
55566	CAMP KNOWE	354000	635740						X		X	
55568	EASTER LANGLEE	352000	635900									
55570	EASTER HOUSEBYRES	353900	637200									
55572	EASTER LANGLEE	352100	636080		X							
55575	GATTONSIDE	354000	635000									
55576	GATTONSIDE	354000	635000									
55577	CAMPKNOWE	354000	635000									
55578	PAVILION	352400	635610									
55580	GATTONSIDE	354000	635000									
55585	PICTS' HILL	351300	638700									
55587	AVENEL HAUGH	351670	636970						X		X	
55590	HOUSEBYRES	353000	637000									
55605	MELROSE PARISH	354000	634000		X							
55609	DRYBURGH	359100	632000									
55610	HAWKLY HAUGH, DRYBURGH	359000	632000		X	X						
55611	BEMERSYDE	359000	633000		X							
55614	NEWSTEAD, EDDY POOL	356300	634600									
55615	FRIARSHAUGH	355000	634000									
55616	BIRCHGROVE, EILDON	357610	632420						X			X
55617	NEWSTEAD	356610	633900									
55620	NEWSTEAD	357000	634400	X								
55621	NEWSTEAD	356900	634400	X								
55622	NEWSTEAD	356700	634400									
55623	NEWSTEAD	356950	634170									
55624	NEWSTEAD	357200	634300									
55625	NEWSTEAD	357400	634100		X							
55626	NEWSTEAD	357000	633700		X							
55627	NEWSTEAD	356700	633700		X							
55628	NEWSTEAD	357000	634400									
55629	OLD MELROSE	358500	634030									
55630	EILDON HILL NORTH	355430	632840									X
55632	EILDONTREE PLANTATION	356540	633550									
55633	CHESTERHALL	355600	631800			X						
55634	EILDON HILL NORTH	355000	632000									
55636	NEWSTEAD	357000	634400			X						
55637	EILDON HILL	354000	632000				X					
55641	EILDON	357300	632600									
55642	MILLMOUNT	356000	634600		X							
55644	WELL MEADOW, NEWSTEAD	356900	634300									
55645	OLD MELROSE	358000	633000									
55648	ST BOSWELLS GREEN	359470	630250							X		
55651	BOWDEN, CAMP KNOWE	355140	630330							X		
55653	BOWDEN	355000	630000			X						
55655	ST. BOSWELLS, SANDYKNOWES	355000	630000									
55660	DRYBURGH, BASS HILL	358840	632080									
55662	BEMERSYDE	359900	634400							X		
55667	EILDON HILL NORTH	355400	632800									
55668	EILDON HILL NORTH	355450	632800			X				X		
55672	BEMERSYDE	359500	633500									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
55673	DRYBURGH	359100	632000									
55674	BEMERSYDE	359500	633500									
55676	THE BATTERY	355500	634600									
55678	DRYBURGH	358000	632000			X	X					
55687	DRYBURGH MAINS	358900	632100									
55692	GLEDSWOOD FARM	358170	634600						X			
55693	MONKSFORD	358710	632480									
55694	MONKSFORD	357800	633000									
55695	DRYBURGH MAINS	358900	632400						X			
55697	OAKENDEAN HOUSE	356300	633800						X			X
55699	DRYBURGH	359000	632000									
55700	NEWSTEAD	356000	634000									
55706	HALIDEAN MILL	359000	634000									
55707	BROOMHILL, NEWSTEAD	357600	634100									
55708	BROOMHILL	357340	634220						X			
55709	NEWSTEAD	356910	633690		X				X		X	
55710	NEWSTEAD	356750	633610						X			X
55714	FALDONSIDE MOOR – KIPPILAW	352300	630700									
55715	CAULDSHIELS HILL	351550	631650						X		X	
55716	HUNTLYBURN HOUSE	352410	633550						X		X	
55719	CAULDSHIELDS LOCH	351200	632300									
55721	MELROSE, ST DUNSTAN'S WELL	354340	633950									
55722	BOWDEN MOOR	352640	632160						X		X	
55725	ABBOTSFORD	350400	633700									
55727	MELROSE	354000	634000									
55729	DINGLETON MAINS	354500	632900									
55730	BACK BRAE	351750	634140									
55732	MELROSE	354000	634000									
55735	MELROSE	354000	633000			X	X					
55736	EILDON MID HILL	354750	632240									
55737	CAULDSHIELS LOCH	351200	632200									
55743	OVER WHITLAW	352300	630700									
55744	FAUGHHILL MOOR	352000	630720						X			
55745	HOLYDEAN	354070	630750						X		X	
55746	MELROSE	354000	633000									
55751	ST. MARY'S WELL, MELROSE	354680	633340									
55754	DARNICK, ST HELENS	353620	634690									
55755	MELROSE	354000	633000			X	X					
55756	KAESIDE, ST. JOHN'S WELL	351700	634100									
55757	MELROSE, ST. WILLIAM'S WELL	354840	633910									
55758	MELROSE, ST. ROBERT'S WELL	354000	633000									
55759	BOWDEN MOOR	352000	632000									
55762	GATTONSIDE	354550	634840									
55765	FAUGHHILL	354600	630400			X						
55766	ABBOTSFORD	350700	634200									
55770	HUNTLY BURN	352370	632300						X			
55771	GALASHIELS/MELROSE AREA	350000	630000			X	X					
55772	ABBOTSFORD	350700	634200									
55774	FALDONSIDE	350040	631720						X			
55777	EILDON MID HILL	354200	632400									
55778	EILDON HILL NORTH	354900	633000									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
55780	QUARRY HILL	354100	633700						X			
55785	MONK'S WELL	353410	633580									
55786	GATTONSIDE	354180	634950									
55788	CASTLESTEAD, KAESIDE	351730	634140						X			X
55789	HARESEAT WOOD	352180	632780						X			X
55790	BLYTHE	358240	649410						X		X	
55793	BOON HILL	357490	646540						X		X	
55796	THIRLESTANE	356880	648160						X			
55797	BIRKEYDEN	357300	649700									
55798	BOON MOOR	358000	646000									
55801	BRUNTABURN MILL	359810	649790									
55805	BOON	356700	646000									
55806	THIRLESTANE	356120	648170						X			
55807	THIRLSTANE	356140	647790						X			
55808	WESTMAINS HILL	355800	646300						X			
55809	WESTMAINS HILL	355800	646100						X			
55810	WEST MAINS	355500	646700						X			
55811	ST LEONARD'S HILL	355120	645710		X							
55812	BONNET PLANTATION	355740	648420						X		X	
55813	ST LEONARD'S HILL	355200	646200		X							
55816	DOD MILL, BLYTH WATER	358100	648000									
55817	PYATSHAW	358500	648200									
55818	THIRLESTANE CASTLE, LIMEKILN	356480	647540									
55819	GATESIDE	359100	648800									
55820	DOD MILL	357720	648030									
55821	BLYTHE	358200	649100									
55823	THIRLESTANE HILL	357050	648450						X		X	
55827	THIRLESTANE	357000	648000									
55829	HEUGH	358060	648490						X		X	
55830	CLACHARIE, PYATSHAW	358550	648530									
55831	CAMBRIDGE	358430	648270									
55832	BROTHERFIELD, PYATSHAW	359060	648570									
55833	WHITEBURN BOG	359650	648100									
55834	PILMUIR	350700	649870						X			
55835	OLD LAUDER, CHESTER HILL	352400	646700									
55836	CHESTER HILL	352610	646820						X		X	
55837	LAUDER BARNS	354520	646200						X		X	
55838	MUIRCLEUGH	350740	645310									
55839	ST LEONARD'S HILL	354700	645520		X							
55845	HUNTINGTON STRIPS	353010	649310									
55846	MUIRCLEUGH	351100	645400									
55848	LAUDER	353000	647000									
55849	LAUDER, THIRLESTANE CASTLE	353000	647000		X							
55850	WOODHEADS HILL	352000	645000									
55851	LAUDER	353000	647000									
55855	LAUDER TO MELROSE ROAD	353000	647000									
55856	TRABROWN	350390	648710						X		X	X
55858	DRUMMOND'S HALL	354200	648300									
55859	LAUDER, CASTLE HILL	353380	647900						X			
55861	ST LEONARD'S HILL	354970	645920						X			
55862	WANTON WALLS	354320	647870						X			
55863	TRABROWN	350700	649000									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
55864	BLACKCHESTER	351300	649800						X			X
55865	BLACKCHESTER	351100	649900						X			X
55866	MUIRCLEUGH	351100	645400									
55868	WANTON WALLS	354720	648900						X			
55879	HUNTINGTON	353280	649630						X			X
55881	LAUDERHILL	351300	647200						X			
55882	HUNTINGTON	353340	649680						X		X	
55888	NEWMILLS	352000	649490									
55891	LAUDER COMMON	351000	647000									
55892	MIDBURN	351600	649700									
55893	WANTON WALLS	354500	647600									
55894	WANTON WALLS	354990	648010						X			
55896	WANTON WALLS	354700	648200									
55898	LAUDER, EARNSCLEUGH WATER	354400	648700									
55903	LAUDER	353000	647000									
55907	LEGERWOOD CHURCHYARD	359400	643400			X						
55908	CHAPEL ON LEADER	356000	642030						X			
55910	BRIDGEHAUGH	355000	643000									
55911	LEGERWOOD	358000	643000									
55913	CHAPEL ON LEADER	356000	641000			X	X					
55914	BLAINSLIE	355200	644200	X								
55916	LADYWELL	358420	643260									
55917	KEDSLIE	355620	640030	X								
55918	BIRKENSIDE	357250	641450						X			X
55919	CHAPEL ON LEADER	355400	641300						X			
55920	BIRKHILL HOUSE	356100	642300						X			
55921	BIRKENSIDE	356500	642300									
55926	GRIZZLEFIELD	359150	640360									
55927	LEGERWOOD HILL	358460	642170						X			
55928	BOON	357100	645300									
55929	BIRKENSIDE HILL	357000	641000						X			
55930	WHITSLAID	356380	644550						X			
55931	TOWER WOOD	355990	644090						X			
55932	GALA DEAN	356150	643630						X			
55933	BIRKENSIDE	357090	641390						X			
55935	BIRKENSIDE HILL	356900	640800						X		X	
55936	LEGERWOOD	357800	643800									
55937	CHAPEL MAINS	355600	642500						X			
55938	BIRKENSIDE HILL	356920	640970						X		X	
55939	KEDSLIE	355000	640000									
55940	BIRKENSIDE	356000	642000									
55942	WEST MORRISTON	359900	640800						X		X	
55943	GRIZZLEFIELD, EAST RINGS	359240	640140						X		X	
55944	GRIZZLEFIELD, WEST RINGS	358830	640120						X		X	
55945	LEGERWOOD HILL	358000	641000						X			
55947	BLUE CAIRN	352000	641000									
55948	SOUTH BLAINSLIE	354560	642750	X								
55953	BLUECAIRN	353490	641800									
55954	THREEPWOOD	350000	642000									
55958	UPPER BLAINSLIE	353600	644600						X			
56000	HERIOT'S DYKE	357500	650000									
56001	BERMUDA	355390	654240									
56002	GAIRMUIR	358670	652320						X		X	

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
56003	WHEELBURN LAW	356850	651550									
56004	WHEELBURN LAW, SOUTH	356750	651120									
56005	HAREFAULDS	357660	650120									
56006	HAREFAULDS	357450	650050						X		X	
56007	HERRING ROAD, BORROWSTON RIG	355640	653020									
56008	EASTER GRAIN	356300	652000									
56009	BORROWSTON RIG	355340	652520									
56010	BORROWSTON RIG	355700	652700									
56011	BORROWSTON RIG	355700	652700									
56012	BRAIDSHAWRIG	357730	653120									
56013	HAREFAULDS	357400	650000									
56014	EDGEHOPE MOOR	355100	651500						X			
56015	BORROWSTON RIG	355510	652380									
56018	BORROWSTON RIG	355700	652880									
56019	LONG BOG, BORROWSTON RIG	355740	652360									
56020	BORROWSTON RIG	355760	652310									
56021	BORROWSTON RIG	355790	652190									
56022	BORROWSTON RIG SOUTH	355770	652230									
56023	BORROWSTON RIG	356000	652140									
56024	'BURROW STONES'	355930	652160									
56025	BLACKCHESTER	350780	650450	X					X			
56028	BURNCASTLE	353990	651780						X		X	
56030	DABSHEAD	354710	651230						X			
56031	BURNCASTLE	354030	650680						X		X	
56032	HUNTINGTON	353830	650020									
56033	LONGCROFT	352900	653900									
56037	ADDINSTON	352000	653000									
56038	EAST HILL, LONGCROFT	352900	653900									
56039	DABSHEAD	354710	651240									
56040	HUNTINGTON	354200	650300						X		X	
56041	BLACKCHESTER	350300	650700									
56042	ADDINSTON	351310	653020									
56043	WISELAWMILL	351200	651800						X			
56044	LYLESTONE	352300	652000									
56045	LYLESTONE	352540	652130						X			
56046	LYLESTONE	353400	651800						X			
56049	LONGCROFT ALLERS	353800	653400						X			
56052	OXTON	350000	653000									
56057	WEST ADDINSTON HILL	352320	653630						X		X	
56058	WHALP LAW	353060	653790									
56059	NETHER HOWDEN	350000	653000									
56060	NETHER HOWDEN RINGS	350700	652900						X			
56061	LYLESTONE PLANTATION	353270	652720						X			
56842	SCRAESBURGH	367900	619150						X		X	
56844	LITTLE DEAN	365540	617280						X		X	
56847	SAW MILL BANK	365970	616540						X		X	
56851	TRUMPETER'S KNOWE	369790	619110									
56853	HOWDEN	366050	619950						X		X	
56862	KERSHEUGH	365000	617000									
56863	KERSHEUGH	365000	617000									
56865	SCRAESBURGH	367000	618000									
56875	BLACK LAW	361720	618670									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
56878	LINTALEE	364620	618260									
56879	HILL POND	361480	617100									
56883	GILLIESTONGUES	363720	616590						X			
56886	KNOWESOUTH BURN	360840	619250						X		X	
56888	WATCH KNOWE	361600	616600									
56889	DUNION HILL	362620	619150						X			
56891	BEDRULE	360000	618000									
56892	LANTON HILL	361700	619800									
56893	BLACK LAW	361800	618800						X		X	
56895	SWINNIE	362300	616600									
56897	DUNION HILL	362550	619060						X			
56898	BEDRULE	360000	618000									
56900	DUNION HILL	362000	619000									
56901	DUNION HILL	362000	619000									
56957	HARELAW, FAIRNINGTON	366000	628000									
56959	PENIEL HEUGH	365350	626300						X		X	
56960	CRAG WOOD	365780	626210						X		X	
56967	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	364780	625000									
56969	HARRIETSFIELD	363440	625990									
56971	LILLIARDSEDGE	361300	627600									
56972	ANCRUM MOOR	361000	627000									
56973	TROWPENNY	363400	625600			X	X					
56974	FAIRNINGTON	364000	628000			X	X					
56975	FAIRNINGTON	364000	628000			X	X					
56976	TROWPENNY	363800	625800			X	X					
56978	HOWDEN	364200	625000						X			
56979	HILTONSHILL	360000	629000	X								
56980	HOWDEN FARM	364200	625300									
57004	MAUSOLEUM STRIP	360500	627360						X			
57009	WOODSIDE	364550	625170									
57012	LITTLE TROWPENNY	363090	625600						X		X	
57017	CRAILINGHALL	369800	622000									
57019	CRAILINGHALL	369920	623070									
57020	JEDBURGH ABBEY	365030	620440			X						
57021	JEDBURGH ABBEY	365000	620400			X						
57022	JEDBURGH ABBEY	365000	620400			X						
57028	BANY KNOWE, JERDONFIELD	365190	624230									
57031	JEDBURGH, HIGH STREET	365020	620740									
57033	JEDBURGH	360000	620000									
57041	JEDBURGH, HORSE MARKET	365100	620800			X	X					
57050	CAPPUCK	369500	621230	X								
57051	JERDONFIELD	365700	623900									
57053	ULSTON MOOR	368730	621650		X							
57054	CAPPUCK	369900	620900		X							
57055	JEDBURGH, RIVERSIDE PARK	365700	622100									
57056	MILLSIDE WOOD	369100	622200		X							
57057	MOUNTHOOLY	366800	623550									
57061	OVERWELLS	368430	620720						X			
57062	PALACE FARM	365730	623560			X						
57063	BAITTENS	367640	623250						X			
57065	BRIDGEND	365000	620300									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
57070	OVERWELLS	368340	620700						X			
57071	OVERWELLS	368260	620630						X			
57072	MOUNTHOOLY	366900	624180						X			
57073	CAPPUCK	369000	620000									
57075	MOUNT ULSTON	366500	622400						X			
57083	WALKER'S KNOWE	366100	623400									
57086	CASTLE HILL	362410	624910						X		X	X
57094	LANTON MOOR	363840	621770						X			
57095	TIMPENDEAN FARM	362900	623100									
57096	ANCRUM, LADYRIGG	360000	620000									
57100	HARDEN BURN, MONKLAW	364460	622340						X			
57101	LANTON MOOR	364150	622640						X		X	
57102	HARESTANES COTTAGES	364000	624000									
57103	MONKLAW	364560	622800									
57104	WORM RIG	360840	620690									
57105	LANTONCRAIGS FORT	362930	620780									
57106	LANTONHILL CRAIGS	362690	620760						X		X	
57110	LANTONCRAIGS	362900	620820						X		X	
57111	LANTON MAINS	361100	621800									
57113	TUDHOPE SPRING	364100	620740									
57115	TUDHOPE	364000	620000									
57120	LANTONHALL	363070	622030						X			
57121	TIMPENDEAN CASTLE	363000	622000			X						
57122	RUE CASTLE	361000	620000									
57124	TIMPENDEAN	363200	622900									
57125	ANCRUM	361730	624150						X		X	
57126	ANCRUM	362450	624730						X			
57129	HARESTANES	364530	624200						X			
57133	RUECASTLE	361460	620750									
57134	HARESTANES	364200	624600									
57136	HOPTON	360200	624030						X			
57142	NEWTON	360000	620000									
57144	ANCRUM	362000	624000									
57146	MONTEVIOT	364000	624000									
57147	CHESTERS GLEN	360540	623090									
57148	LANTON MOOR	363830	621840						X		X	
57153	SWEETHOPE HILL	369640	639640						X		X	
57154	LAIRD'S HILL	369820	638970						X		X	X
57157	COURTHILL	368800	636000						X			
57161	MELLOWLEES BRIDGE	365330	637930						X			
57162	THE COW STONE, BROTHERSTONE HILL	362160	636200									
57164	TURFFORD BURN	361100	639200						X		X	
57166	BROTHERSTONE HILL WEST	361110	635950						X			
57167	BROTHERSTONE HILL SOUTH	361940	635820						X			X
57169	BROTHERSTONE HILL WEST	360850	635670									
57172	MELLERSTAIN MILL	364900	637800									
57173	BROTHERS' STONES, BROTHERSTONE HILL	361900	636000									
57183	THIRD	361400	635100						X		X	X
57194	RINGLEYHALL	366000	631000									
57197	ST JOHN'S WELL, THE LAW	367380	631440									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
57199	RUTHERFORD	360000	630000									
57200	RUTHERFORD STATION	365930	631080									
57201	PEA BRAE	365660	632460									
57202	RINGLEYHALL	366820	631230									
57203	SUCKLAWRIDGE	368050	632330						X		X	
57206	GALALAW	369450	634650									
57207	GREATRIDGEHALL	365890	633700						X			X
57208	WESTER MUIRDEAN	369060	634850									
57209	TROWS	368830	631960						X			
57210	MAKERSTOUN HOUSE	367000	631600									
57212	LIMEPOTS PLANTATION	366140	631850									
57214	CORBIE CRAIGS	366690	631370						X		X	
57215	WEST BANK	365700	631120									
57216	RINGLEYHALL	366690	631180						X		X	
57217	THE LAW	367380	631440									
57220	SANDYKNOWE	363980	634610						X		X	
57229	TEMPLEKNOWE	360130	630280									
57230	TEMPLEKNOWE	360100	630000									
57233	MAXTON	361000	630000									
57234	MAXTON	360000	630000			X	X					
57237	ST CUTHBERT'S WELL	360860	630040									
57238	SANDYKNOWE	364200	634700			X						
57240	MAXTON	361400	630400		X	X						
57241	MERTOUN BRIDGE	360450	631660		X							
57242	BUTCHERCOTE	362750	634680						X		X	
57244	PLOUGHLANDS BURN	363200	630700									
57245	HIER WELL	360700	630420									
57248	CLINT MAINS	361500	632700									
57249	BEMERSYDE	360010	634500						X			X
57252	LITTLEDEANLEES	362500	631000									
57254	HECKSIDE PLANTATION, CLINTHILL	360800	633100						X		X	
57256	CLINTHILL	360330	632880						X		X	
57257	BUTCHERCOTE	363100	634900						X			
57258	WHITRIGHILL	362200	634500						X		X	
57259	WHITRIGHILL	362100	634400						X			
57260	BEMERSYDE MOSS	361200	634300						X			
57265	MAXTON	361500	630100									
57266	LITTLEDEAN FORT	363200	631300						X			
57267	TEMPLEKNOWE	359900	630200									
57268	FENS	360480	631160						X			X
57275	HECKSIDE PLANTATION, CLINTHILL	360370	633030						X		X	
57276	MERTOUN	361820	631650			X						
57280	HALLIBURTON, TODWELL HOUSE	367000	649700									
57282	CORBIE HEUGH, GREENLAW	369500	646900			X	X					
57283	HARELAW MOOR	366200	649400			X						
57284	RUMBLETON LAW	367100	645700									
57289	HARELAW	366440	648340						X		X	
57291	HALLIBURTON	367200	648500									
57292	RUMBLETON LAW	367300	645400						X			
57298	DOGDEN MOSS	367500	649900						X		X	
57299	HALLIBURTON	367070	649910									
57300	BLACKCASTLE RINGS	369350	647850						X		X	
57302	BLACKCASTLE	369120	647940									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
57303	BROOMHILL	369220	647280									
57304	MACKS MILL	366000	645140									
57305	WESTRUTHER MANSE	363810	649020									
57306	MEIKLE HARELAW	364100	647000									
57307	HOUNDSLOW	362900	647200									
57308	EDEN BURN	362270	645350						X			X
57309	EDEN BURN	361800	645200						X		X	
57310	EDEN BURN	361300	645000						X			X
57325	JORDONLAW	362200	649500									
57326	SPOTTISWOODE, ROUGHIE KNOWE	360200	649900									
57327	JORDONLAW MOSS	361650	649770									
57329	EDEN BURN	362010	645250						X		X	
57330	EDEN BURN	362000	645270									
57334	HOWLET'S HA	362800	648700									
57335	HOUNDSLOW	362550	647780						X		X	
57336	JORDONLAW MOSS	361600	649800									
57339	HARE LAW, WESTRUTHER MAINS	364500	648500						X			
57340	MACKS MILL	366000	644200									
57350	CADGER'S CAIRN, EDENSIDE	365300	643700									
57351	HAREHEUGH CRAIGS	368770	640050						X			
57357	CORSBIE	361000	644000									
57358	CORSBIE TOWER	360700	643800									
57359	WEST MORRISTON	360100	641000									
57361	WEST MORRISTON	360100	641000									
57371	GORDON MOSS	363400	642500									
57372	GREENKNOWE	364000	644000									
57378	FANS	362270	641780						X		X	
57382	HUNTLYWOOD	361000	643000									
57383	GREENKNOWE	364000	644000									
57385	WEST MORRISTON	360780	640790						X			
57388	GORDON MOSS	363400	642500									
57389	KNOCK HILL	361630	644110						X		X	
57433	SPOTTISWOODE	360250	650140						X		X	
57436	WHITEHILL	363500	650400		X							
57437	GREENLEES	363100	650200									
57440	WESTRUTHER PARISH	363000	650000									
57441	WEDDERLIE MOSS	364000	651000									
57442	WESTRUTHER	363000	650000									
57444	EASTSIDE	362200	650400									
57450	FLASS	362210	652090						X		X	
57451	RAECLEUGH	360270	651420						X		X	
57452	FLASS	362100	651900									
57453	CRAIG PLANTATION	360200	650400									
58185	CAVERTON	370000	620000									
58221	ECKFORD	372500	626100									
58222	ECKFORD	370470	626790									
58225	ECKFORD	371230	626060									
58227	WOODEN	370600	625600									
58228	ECKFORDMOSS	370760	625640									
58230	MOSSTOWER	370000	620000					X	X			
58237	EASTER WOODEN	372800	625900									
58238	ECKFORDHALL	370650	626280									
58239	KAIM PLANTATION	371190	626980									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
58241	CAVERTON	374600	627000									
58244	HAUGHHEAD	372100	627000									
58248	ECKFORDMILL BRIDGE	371500	627000									
58253	SUNLAWS	370870	629100									
58254	EASTER WOODEN	373180	625920						X			
58255	CAVERTON	374770	627650									
58256	KALEMOUTH	371400	627500									
58261	PRIEST'S CROWN	372000	626000									
58263	PRIEST'S CROWN	372000	626000									
58267	KALEMOUTH	371110	627450									
58268	PRIEST'S CROWN	372780	626620									
58269	CAVERTON HILLHEAD	373280	627490									
58304	CESSFORD	373000	623000									
58308	CRAILINGHALL	370920	622880									
58328	WHITMUIRHAUGH, SPROUSTON	375800	636200						X			
58329	WHITMUIRHAUGH, SPROUSTON	376000	635700						X			
58341	KERCHESTERS	376930	635380						X			
58345	SPRINGHALL	375300	636000									
58346	SPRINGHALL	375000	635600									
58353	EDENMOUTH	375500	636700									
58354	WHITMUIRHAUGH	376000	635400									
58355	SPROUSTON	375500	635200		X							
58361	EDNAM	373000	637000									
58362	HARRIETFIELD	371460	636700									
58363	HARRIETFIELD	370400	635800						X			
58365	NEWTON DON	370900	637100									
58366	STICHILL	371000	638000									
58368	PIPER'S GRAVE	372920	637390									
58369	STITCHILL FOREST NURSERY	371100	638500									
58379	STICHILL	371210	638400									
58380	NEWTONLEES	372500	637160						X			
58384	STICHILL	371000	638000									
58385	STICHILL	371000	638000									
58386	EDNAM HILL	374550	637490						X			
58409	ANGRYFLAT PLANTATION	371970	634900									
58410	HEITON MILL	370930	631730									
58411	THE FRIARS	371900	633600									
58426	KELSO	372000	634000									
58427	LITTLETON CASTLE	370000	630000									
58433	WOODEN HOUSE	374170	633450									
58436	SPRINGWOOD	371900	633120									
58437	MAISON DIEU	371240	631800									
58439	SPRINGWOOD	372000	633000									
58441	KELSO	372000	634000			X						
58442	KELSO	372000	634000			X	X					
58444	WOODEN HOME FARM	374100	633800	X								
58445	ROXBURGH BARNS	370100	632600									
58446	KELSO	372000	634000			X	X					
58447	KELSO	372000	634000			X	X					
58453	MAISON DIEU	371400	632100									
58467	WOODEN HOUSE	374220	634130							X		
58468	SPRINGWOOD	371900	633300									
58472	LADYRIG	372000	630000									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
58473	SPRINGWOOD	372000	633200						X			
58474	SPRINGWOOD	371900	633100									
58476	KELSO, THE KNOWES	372900	633800									
58478	KELSO	372000	634000									
58480	PINNACLEHILL	373130	633400									
58481	FLOORS	370340	633530									
58488	PIERSKNOWE PLANTATION	372170	647260									
58494	GREENLAW	371000	646000									
58494	GREENLAW	371000	646000									
58506	ELWART LAW	373370	645320						X			
58507	GREENLAW	371000	646000									
58553	STONEFOLD	374200	642400									
58557	HUME HALL	371000	641000									
58563	GORDONBANK	372680	643800									
58567	HARDACRES HILL	374300	641910						X	X		
68205	BIRKIEHEUGH STREAM	360300	632100									
68293	MIDBURN	350400	651300									
68294	CHAPEL ON LEADER	355980	641270						X		X	
68295	DRYGRANGE MAINS	357200	636100						X		X	
68324	CHESTERSHALL	361870	624440									
68595	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	364990	624890									
68600	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	369990	621000									
69557	SHAWMOUNT	348830	629570						X			
69678	NEWHOUSE MOSS	351700	623700						X			
69679	GIRNSIDE HILL	344800	620400									
69899	WANTON WALLS	355070	648270						X			
69900	NORTON	354030	648730						X			
69901	PURVISHAUGH	360100	639900						X			
69902	EAST MORRISTON	360490	641510						X			
69903	EAST MORRISTON	360530	641560						X			
69904	WEST MORRISTON	360170	640590						X			
69905	WEST MORRISTON	360250	640510						X			
69906	WEST MORRISTON	360130	640320						X		X	
69907	FANS	362110	641880						X			
69909	NEWSTEAD	356900	634200									
69910	MAGDALENE HALL	363250	631820						X			
69911	THE LAW	367230	631370						X			
69912	HENDERSYDE PARK	374950	635920						X			
70106	PHILIP HAUGH	345600	628370									
70107	HOWFORD	339850	624470									
70109	HAINING LOCH	346600	627700									
70110	BLOOMFIELD	359440	624090						X	X		
70111	KNOWESOUTH	361030	621640						X			
70112	LANTON	362390	621930						X			
70113	KNOWESOUTH	361300	621100									
71738	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	359990	629380									
71739	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	359290	630000									
71756	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	356900	635000									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
71758	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	355570	640000									
71761	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	354990	643160									
71762	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	354500	645000									
71763	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	351430	650000									
71764	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	349990	652550									
72006	TORWOOD – RAEBURNFOOT – NEWSTEAD	349000	620000									
72007	TORWOOD – RAEBURNFOOT – NEWSTEAD	350000	620000									
72008	TORWOOD – RAEBURNFOOT – NEWSTEAD	350000	620000									
72009	TORWOOD – RAEBURNFOOT – NEWSTEAD	350000	620000									
72010	TORWOOD – RAEBURNFOOT – NEWSTEAD	360000	620000									
72230	NEWSTEAD – PEEBLES	355000	630000									
72237	NEWSTEAD – PEEBLES	351000	634000									
72238	NEWSTEAD – PEEBLES	355000	635000									
72258	NEWSTEAD – PEEBLES	352000	635000									
72259	NEWSTEAD – PEEBLES	340000	630000									
72260	NEWSTEAD – PEEBLES	340000	630000									
72261	NEWSTEAD – PEEBLES	344000	636000									
72265	NEWSTEAD – PEEBLES	339000	636000									
72393	CAULDSHIELS HILL	351570	631660									
72764	EAST MORRISTON	361100	641700									
72765	EAST MORRISTON	360900	641900									
73141	LYLESTONE	352400	651200					X				
73142	HINDSIDEHILL	360600	647100									
73143	GREENKNOWE	362900	644700									
73144	BROTHERSTONE	360200	636900					X				
73145	NETHER HUNTLYWOOD	361900	642500									
73264	LEGERWOOD	357900	643200					X				
73679	CLIFTONHILL	374000	637000									
73680	HOMEBYRES	370000	640000									
74354	CRAWLEE BURN	370200	645600									
74517	NEWSTEAD	357150	634600									
74954	CESSFORD MOOR	371910	622910					X		X		
75181	PHILIPHAUGH	345600	628200	X								
75732	HUNTLAW BURN	350500	620500									
75733	MINTO HILLS	355960	620410					X		X		
75735	MINTO HILLS	355000	620000									
75736	MINTO HILLS	356000	620200									
75737	MINTO HILLS	355300	620600									
75739	MINTO HILLS	356000	621100									
75810	MINTO CRAIGS	358160	620930					X		X		
75849	CORSBIE MOOR	360000	646200									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
75975	FAULDSHOPE WEST HILL	339600	625800									
75977	STONY KNOWE	339000	639000									
75980	MAIDEN LAW	339600	640700									
76027	FAULDSHOPE HILL	340300	626400									
76028	WOLL RIG	343500	624200									
76030	CAULD FACE	341400	637200									
76039	COTTIE HILL	343500	645400						X		X	
76040	CADDON WATER	340000	642000									
77156	JEDFOOT BRIDGE, DERE STREET	366160	623920									
77161	SPROUSTON	375900	636700									
77167	NEWSTEAD	357100	634300									
77168	NEWSTEAD	357000	634600									
77170	NEWSTEAD	356560	634180									
77347	PLOUGHLANDS	369600	625800									
77451	FLOORS	369700	634200									
77485	LAUDER	353200	646900									
77489	HUNTSHAW	357000	641800						X			
77490	GEORGEFIELD	359600	638300									
77492	WEST MORRISTON	360200	640100						X			
77498	PLOUGHLANDS	369400	625700									
77521	WESTER ANNA	370300	633700						X			
77612	HAYMOUNT	366900	633800						X			
77637	KERSMAINS	369800	632000									
77767	KING'S HAUGH	371600	633700									
77768	SPYLAW	372700	632400						X			
77769	SPROUSTON	375400	635210									
77772	WHITEMUIRHAUGH	376000	635600									
78226	DANIEL'S DEN	371000	633300									
78228	THE WHIN	347500	638900									
78230	REDPATH	359400	635400						X			
78276	LADHOPEMOOR	350900	638900									
78472	SPOTTS BURN	357900	650800									
78473	BLYTHE WATER	357500	650800									
78474	BLYTHE WATER	357900	651300									
78475	HAREFAULDS	357400	650300									
79782	HERIOT'S DYKE, GREENLAW MOOR	371080	648420									
81553	ASHKIRK, ST NINIAN'S WELL	346380	621920									
81554	ASHKIRK, BISHOP WELL	346850	621970									
81555	COLD WELL	346670	620940									
82003	GILLKEEKET	344000	626900						X			
82005	BOON	357100	645100						X			
82006	THIRLSTANE	356100	648000									
82007	HUNTINGTON	353340	649630									
82011	BOOT PLANTATION	356600	634900									
82012	LAUDER BARNS	354940	646190									
82311	LONGMUIR RIG	346200	650760									
82314	CASTLESIDE HILL	345300	620990						X			
82330	NORTH SYNTON	348470	624280						X			
82743	NEWSTEAD – ELGINHAUGH	354240	638300									
82825	BLACKCHESTER	351300	650400	X								
82826	BLACKCHESTER	351100	650300									
82973	PINNACLEHILL	373100	633400									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
83103	THIRLESTANE HILL	357500	648500						X			
83105	DEANBRAE BURN	362000	645500						X			
83119	BLACK ANDREW PLANTATION	351200	636200						X			
83120	EDEN BURN	362000	645200									
83519	PIERS KNOWE	372400	647000									
83700	BROX LAW	369750	633880						X			
83702	BROOMHILL	357700	633700									
83703	ST LEONARDS	355660	645580									
83885	LANGSHAW	351500	639900						X			
84405	BLACKCHESTER	356240	627600						X			
84408	FREER'S BRIDGE	345940	639200						X			
84423	MIDBURN	350300	651100						X			
84432	BOON BRIDGE	355800	645300						X			
84469	NEWBIGGING WALLS	353600	650500									
84470	NEWBIGGING WALLS	353700	650400									
84551	HAREHEAD HILL	343600	628500									
84553	HOWDEN	345100	627200						X			
84558	RAVENSWOOD, DAIRY FARM	358300	633600						X			
84559	BEMERSYDE HOUSE	358600	633000									
84560	MONKLAW	364400	622700						X			
84617	HARTWOOD BURN	345900	626600									
84737	SUCKLAWRIDGE	367600	632400						X			
84738	SUCKLAWRIDGE	367800	632300						X			
86079	WOODEN CLEUGH	355000	647800									
86080	NEWSTEAD	356500	634350									
86082	NEWSTEAD	357200	634100									
86432	NEWSTEAD – ELGINHAUGH	353750	640000									
86459	HUNTSHAW	356800	639800									
86465	BROTHERSTONE MOOR	360200	637200									
87538	THE KAIMS	368300	650500									
87539	FANGRIST	370000	648300						X			
88089	JERDONFIELD	364600	623800									
88099	TORWOODLEE GOLF COURSE	347800	638400									
88100	TORWOODLEE	347020	637950									
88101	GALASHIELS, THE BIRKS	347980	635900									
88103	OLD BROADMEADOWS	341800	630200									
88110	DARLING'S HILL	350900	637800									
88145	BORDERS GENERAL HOSPITAL	353000	634000									
88261	COCKTHORN	365000	630900									
88262	MELLENDEAN	374700	633800									
88264	NORTON	354100	649300						X			
91021	MIDDLESTEAD	344800	625800									
91681	ST LEONARD'S	355700	645620									
91682	BOON	356400	645700						X			
91683	THREEPWOOD MOSS	352500	642400						X			
91684	TAIT'S STRIP	358200	618300						X			
91686	FULTON	360900	615400						X			
91688	TODLAW WELLS	363200	618200						X			
93671	SAWMILL PLANTATION	366600	620400									
94177	HALLMOSS	349100	619700						X		X	
94782	HERIOT'S DYKE, WESTRUTHER	362000	650200									
96804	GREENLAW, THE	371100	646000									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
	SQUARE, TRON AND WELL											
96809	GREENKNOWE TOWER	363900	642800									
97352	'ROXBURGHSHIRE'	370000	620000									
97964	CRAIGIE WOOD	350310	631700						X			
98004	BLAEBERRY PLANTATION	345550	622550						X			
98755	EILDON HILLS	355000	632000			X						
100913	FULTON	361000	615300						X			
101370	FALDONSIDE MOOR – KIPPILAW – MIRE HILL?	355900	626600									
101371	FALDONSIDE MOOR – KIPPILAW – MIRE HILL?	357300	624900									
105330	HUTLERBURN HILL	341000	623100									
109467	NEWSTEAD	357070	634270									
110533	GALADEAN	356000	643000									
110541	MAXTON	361440	629950			X						
110542	MAXTON	361430	630420			X						
110544	SPROUSTON	375500	635300			X						
110548	HENDERSYDE PARK	373800	635000			X						
110562	WOODHEADS FARM	353200	645550									
110740	LINGLIE HILL	345760	630550									
110753	GALASHIELS TO RINK HILL	347980	634950									
110834	KING'S HAUGH	371500	633400	X		X	X					
110945	AULDWARK COTTAGES	342600	628500						X			
111113	GREYCROOK COTTAGE	359700	630400			X	X					
111117	DRYBURGH MAINS	358700	632700			X	X					
111119	GATTONSIDE	355000	634800			X	X					
111819	FULTON TOWER	360500	615800			X	X					
111820	HARRIETSFIELD	363200	626200			X	X					
111821	KELLY BURN	360000	629500			X	X					
111822	ANCRUM	362000	624000			X	X					
111823	LANTONHALL	362400	622400			X	X					
111824	DOWN LAW	363600	626400			X	X					
111825	RUBERS LAW	358500	615200			X	X					
111828	BOW BRIDGE	362000	630500			X	X					
111840	THE SHANK	354000	645800			X	X					
114089	SCARCE LAW	351000	647700						X			
114369	WINDYDOORS HAWSE	343300	640400						X			
115533	RAVENSWOOD	357800	634100		X							
124289	BULLION PLANTATION	353000	649000						X			
124324	NETHERN HEADS	368300	632500						X			
124803	BROWNMOOR	345100	624500									
125241	MAXTON	360960	630140			X	X					
125242	MAXTON	361210	630120			X	X					
125243	MAXTON	361330	630340			X	X					
125245	TEMPLEKNOWE	360000	630210			X	X					
125289	HUTLERBURN HILL	341800	623000						X			
131231	EILDON WESTER HILL	354800	631600									
131233	NEWSTEAD	356500	634000			X						
131235	NEWSTEAD	356470	634210			X						
132459	EILDON HILL NORTH	355440	632810									
132461	HAWICK, APPLETREEHALL	351800	617540			X						
132463	EILDON HILL	355400	632800									
133623	OAKWOOD TO FANNS BURN	342500	624800									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
134178	HIGHRIDGEHALL	376500	637800									
134184	HIGHRIDGEHALL	376700	637700									
134204	CRAILING ORCHARD	368500	624400						X			
134209	NISBETMILL	366200	625000									
134217	BONJEDWARD	365700	623500						X			
134222	LITTLECOTE	354100	616800						X			
134225	EASTCOTE	354300	617200									
134228	MIDSHIELS	353700	617200						X		X	
138918	WOO LAW	346380	617550						X			X
141939	WHITMUIRHAUGH, SPROUSTON	375710	636090						X			
141941	WHITMUIRHAUGH, SPROUSTON	375810	635990									
142792	SUCKLAWRIDGE	368000	632100									
142793	HILL PLANTATION	356700	635700									
144782	BLACKCHESTER	351300	650800									
145405	BLACKCHESTER	350930	650140						X			
145411	WANTON WALLS	354300	647900									
145419	THIRLESTANE	357490	648210						X			
145427	CHAPEL ON LEADER	355800	641300									
145434	CHAPEL ON LEADER	355500	641500									
147318	FERNIEHIRST	344540	642660						X	X		
147336	HAWTHORNDENE	358890	630900						X			X
147340	BEDRULE	360050	618350									
147347	EAST DALCOVE	366090	633420									
147360	ADDINSTON	352350	653250						X			X
147366	PLEASANTS	368700	619890									X
147444	CADDONLEE	343650	636300						X	X		
147449	SHAWHILLS WOOD	345720	639580						X	X		
147470	CLOVENFORDS	344750	636180						X			
147629	LINDEAN	348290	630900						X			
147632	MIDDLESTEAD	343880	625920									
147638	CARTER HAUGH	343900	626600						X			
147646	LEWENSHOPE	339340	629700						X			
147664	ELLWYND WOOD	352550	635970						X			X
148297	CAVERS MAINS	354900	616830									
148303	WILLOWBOG PLANTATION	351290	624870						X			X
148643	WEST ADDINSTON HILL	352130	653770									
148650	ADDINSTON	352640	653750						X	X		
148651	BLACKBURN	351850	651450						X	X		
148652	GALA DEAN	356300	643240						X			
148661	BIRKENSIDE HILL	357160	640930									
148667	CAMP STRIP	357270	641020						X			
148723	BIRKENSIDE	357080	641190						X			
149055	BIRSESLESS	357150	627480									
149216	CAULD WOOD	365700	624540						X			X
150068	CAPPUCK	369340	621270						X	X		
150081	HUNTSHAW	357210	639660									
157583	LINDEAN MILL	348300	631400									
157588	SCARCE LAW	351500	647900									
157603	MAXTON	362000	630000									
157604	MAXTON BANK	361700	630500									
157611	DRYGRANGE	357850	635250			X						
157619	NEWSTEAD	357100	634300			X						
157621	GREENSIDE	358400	630500									

NUMLINK	NMRSNAME	northing	easting	Roman fort	Roman Camp	Roman find	Roman coin	signal station	enclosures	brochs	circular enclosures	rectilinear enclosures
159443	NEW BLAINSLIE	354770	644150									
159444	FORDSWELL	353650	643290									
159445	SOUTH BLAINSLIE	354010	642790									
159450	COCKLEE	354750	641890									
159460	STURDON BURN	354450	641530						X			X
159464	STURDON BURN	353900	641250									
159529	STAGEHALL HILL	344900	644100						X		X	
159536	RAVENSWOOD	357970	634020									
164410	NORTH SYNTON	348800	623600									
164422	OVERHOWDEN	349330	652680						X			
164428	RAPERLAW	355100	623400						X			
164433	WHITSLAID	356410	643900									
164624	SORROWLESSFIELD	357570	636700						X			
164672	BEWLIE	355550	625920									X
164803	CRAILING TOFTS	370000	624750									
164804	CRAILING TOFTS	370040	624880									
164975	CAPPUCK BRIDGE	369600	619900						X			
165019	LITTLE DEAN	365700	617300						X			
165093	KALE BANK	372900	627100						X			
166305	CHESTERHALL	355600	631500						X			
166308	WHITELEE	356800	631200									
166315	WOODEN MILL	373900	634200									
166347	CRAWLEE	369700	646100						X			
166379	HIGHLANDERS' KNOWE	358020	619190									
166380	REEDY BANK	357800	619280						X			
166381	DRYTHRAPPLE	357800	619400									
166385	ECKFORD COTTAGE	371300	625900									
166386	ECKFORD COTTAGE	371250	625840									
166387	ECKFORD MILL	371550	626910						X			
166389	GRAHAMSLAW	372180	627840						X			
168998	WESTFIELD	363830	635160						X			
168999	WESTFIELD	363780	635210									
169044	RACHELFIELD	364130	637780						X			
169093	NENTHORN BRIDGE	369050	637070						X			
179729	BROWN RIG	348630	646430									
179749	SWINNIE MOOR	362220	617590									
181446	EARNSCLEUCH WATER	354480	652150						X			
181462	GREENLAW MOOR	370820	647960						X			
183382	CAVERTON	374550	627700									
205422	OUTER STOBBIE WOOD	357930	640340						X			
214092	RAVENSWOOD	358100	633700						X		X	
214725	SPOTTS BURN	357740	650500									
215118	GAIRMUIR	359140	652820						X			
215131	FLASS	362530	652430									
215138	FLASS	362300	652220									
215413	FLASS HILL	362150	652860						X			
215652	JEDBURGH, HONEYFIELD ROAD	365100	620000									
215656	HARECLEUGH RIG	362740	653100						X			
217099	LAUDERHILL	351910	647600									
217229	LAUDER	352260	647770						X			
217230	GRIZZLEFIELD	359570	639870						X			
239489	SPROUSTON	375900	635360									
241473	NEWHALL	342870	637750									
244984	EDNAM WEST MILL	373330	637000									
244989	WHITEHILL	358390	630640									

NUMLINK	NMRSNAME	northing	easting	
244993	WEST MORRISTON	359610	640500	Roman fort
250248	KELSO	373900	634200	Roman Camp
	LILLIESLEAF	355270	622575	× Roman find
				Roman coin
				signal station
				× × × enclosures
				brochs
				circular enclosures
				× rectilinear enclosures

Appendix X Gazetteer for the Inveresk study area

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
50152	BRAIDWOOD	319280	659630			X		X		X
50184	BRAIDWOOD	319400	659700							
50269	RAVELRIG HILL, 'THE GENERAL'S WATCH'	315400	666700					X		
50271	ROSEBANK	317920	667300							
50276	KINLEITH MILLS	318970	667950							
50277	NEWHOUSE	315290	668380							
50281	HARLAW	317800	665600							
50282	HARLAW	317300	665700					X		X
50285	EDINBURGH, CURRIE	318000	667000				X			
50287	KINLEITH MILLS	318790	667860							
50288	BALERNO	316000	666000							
50289	BALERNO, WEST ACRES	315280	666580			X				
50290	EDINBURGH, CURRIE	318000	667000							
50291	HARLAW	317600	665900					X		
50298	EDINBURGH, JUNIPER GREEN	319000	669000							
50301	BALERNO, HARLAW ROAD	317000	665000				X			
50302	BALERNO, DEANPARK AVENUE	316000	666100				X			
50306	GOWANHILL	315900	668300							
50309	EDINBURGH, JUNIPER GREEN	319000	669000							
50313	ADDISTOUN	315080	669110							
50314	HARLAW MUIR	317800	665600							
50315	WARKLAW HILL	319940	667300					X		
50316	CLUBBIEDEAN	319950	666710					X		X
50317	BABERTON MAINS	318650	669640					X	X	
50380	SILVERBURN	319900	660000							
50390	EAGLE ROCK	318450	677430			X				
50391	CRAIGIE HILL	315380	675800					X		
50392	CRAIGIE HILL	315360	675670							
50396	CRAMOND	318000	676000							
50396	CRAMOND	318000	676000			X				
50398	EDINBURGH, EAST BARNTON AVENUE	319600	675500				X			
50400	CRAMOND	318000	676000				X			
50402	BARNTON GOLF COURSE	319290	675560							
50403	EDINBURGH, CRAMOND ISLAND	319000	678000							
50405	MONS HILL	315400	678400					X		
50409	CRAMOND	318950	676830	X						
50411	CRAMOND	318000	676000							
50413	CRAMOND	318000	676000							
50415	BARNTON	319000	675000							
50416	BARNBOUGLE CASTLE	316880	678540							
50419	CRAMOND	319800	676700					X		
50420	CRAMOND	319650	676520							
50422	EDINBURGH, GAMEKEEPERS ROAD, CARGILFIELD SCHOOL	318900	676000				X			
50422	EDINBURGH, GAMEKEEPERS ROAD, CARGILFIELD SCHOOL	318900	676000				X			
50432	EARL CAIRNIE	315840	679140							
50432	EARL CAIRNIE	315840	679140							
50447	DALMENY PARK	316100	678000					X		
50448	CRAMOND	318000	676000							

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
50460	CRAMOND	319200	676800			X				
50465	CRAMOND	319200	676800			X				
50468	EDINBURGH, DALMENY PARK	315830	679300			X				
50548	DOLPHINGTON BURN	314800	676800					X		
50564	DALMENY OIL TERMINAL	314900	676800					X		X
50581	CARLOWRIE	314600	675700							
50649	HERMISTON	317000	670000							
50650	GOGAR BURN	317000	671000							
50651	EDINBURGH, 307 ST JOHN'S ROAD	319370	672920				X			
50652	GOGARBURN HOSPITAL	316400	671900							
50653	EDINBURGH, CORSTORPHINE, BROOMPARK ROAD	319950	672230							
50654	EDINBURGH, BROOMHALL	319400	672400							
50658	EDINBURGH, CORSTORPHINE, ST THOMAS'S CHURCH	318760	672790				X			
50658	EDINBURGH, CORSTORPHINE, ST THOMAS'S CHURCH	318760	672790				X			
50660	EDINBURGH, SOUTH GYLE	319060	671820							
50661	GOGAR GREEN	317800	671800							
50662	GOGAR GREEN	317300	672000					X		
50663	MILLBURN TOWER	317300	671800		X					
50664	GOGAR GREEN	317650	671750		X	X				
50665	MILLBURN TOWER	316900	671800							
50667	RODDINGLAW	315700	671700					X		
50668	MILLBURN TOWER	317400	671500							
50669	EDINBURGH, CORSTORPHINE, FEATHERHALL AVENUE	319600	672800				X			
50671	EDINBURGH, CORSTORPHINE	319000	672000			X				
50698	EDINBURGH, SIGHTHILL	319000	670000			X				
50701	MILLBURN TOWER	317300	671940							
50702	HERMISTON BRIDGE	317100	670300							
50703	REDHEUGHS	318300	671400					X		X
50704	CAMMO	317470	674670							
50705	GOGAR	316640	672530					X		
50706	GOGAR	316520	672500							
50707	GOGAR GREEN	317600	671700							
50708	KELLERSTANE	316800	671700							
50716	EASTER NORTON	315470	671980							
50719	THE CAT STANE	314890	674370							
50730	CAT STANE	314920	674320							
50732	INGLISTON	314400	672700							
50747	WHEATLANDS	314810	674500							
50752	GOGAR BURN BRIDGE	314800	674100							
51615	KINGSIDE EDGE	325110	656680							
51617	FIRTH MAINS	326400	659800					X		
51618	KINGSIDE	325000	655300							
51619	SIDE PLANTATION, FOUNTAINSIDE	328420	656030							
51620	BRUNSTANE	320100	658200							
51622	PENICUIK	323000	659000							
51623	PENICUIK HOUSE	321000	659000				X			
51624	RAVENSNEUK	323060	658380							
51625	BATTLE-LAW, PENICUIK	321000	659000			X				
51626	BRUNSTON	320000	658000							
51627	PENICUIK	323000	659000							
51628	LEADBURN	322940	655560							
51629	NEAR PENICUIK	323000	659000							
51630	LEADBURN	323600	655400							
51631	PENICUIK, GRAHAM'S MOUNT	323000	659000							

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
51632	KINGSIDE EDGE	324910	656400							
51634	WELLINGTON SCHOOL	323480	656720							
51639	BLACK BURN	323680	658760					X		
51641	PENICUIK	323000	659000							
51642	THE GOWK STANE, AUCHENCORTH	320390	657640							
51651	ST MUNGO'S WELL, PENICUIK	323670	659900							
51657	TOXSIDE QUARRY	326970	654450							
51659	TOXSIDE QUARRY	327060	654220							
51660	GLADHOUSE RESERVOIR	329290	652750							
51662	GLADHOUSE RESERVOIR	329730	653960							
51675	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	329990	668280							
51676	BRAID HILLS GOLF COURSE	325220	669610							
51685	EDINBURGH, MORTONHALL	326200	668300							
51687	BRAID HILLS	325370	669480							
51688	BRAID HILLS	325220	669320							
51689	MORTON HALL	326200	668300							
51691	EDINBURGH, MORTONHALL, 'CAER-DUFF KNOWES'	326000	668000							
51693	PENTLAND	326000	665000							
51695	MOREDUN	328610	669550							
51696	PARKBURN	329940	667400							
51697	PARKBURN	329980	667440					X		
51699	BRAID HILLS	325350	669580							
51700	GILMERTON	329000	668000							
51702	GILMERTON	329000	668000							
51706	MAVISBANK HOUSE	328000	665000							
51710	GALACHLAW	325360	668310							
51714	MAVISBANK HOUSE	328720	665060		X			X		X
51715	HILLEND	325000	666000							
51720	EDINBURGH, LIBERTON, OUR LADY'S WELL	327620	669840							
51722	BILSTON LODGE	328570	665160					X		X
51723	PENTLAND GROVE	325370	665170					X		X
51724	WADINGBURN	329150	665730							
51729	GILMERTON DYKES	328820	667820							
51730	MUIRHOUSE	328500	667700					X		
51731	EDGEFIELD	328500	666800							
51733	WEST EDGE	328700	667400							
51738	LOTHIANBURN	325000	666000							
51739	WADINGBURN	329400	665800							
51742	EDINBURGH, FROGSTON ROAD	326000	668000			X				
51752	LOTHIANBURN GOLF COURSE	324930	667220							
51753	EDINBURGH, FAIRMILEHEAD	324460	668280		X					
51754	EDINBURGH, 35 OXGANGS ROAD	324390	668280							
51755	EDINBURGH, CAIY STANE	324200	668300							
51756	EDINBURGH, CAIY STANE	324240	668350							
51757	CAIYSIDE HILL	324560	668380					X		X
51760	EDINBURGH, BRAID ROAD, THE BUCK STANE	324454.214	669442.429							
51761	TORGEITH KNOWE	323300	667600					X		
51763	HILLEND	324520	666200					X		
51764	CAERKETTON HILL	323700	666210							
51765	BOGHALL	324000	665000							
51766	CAERKETTON HILL	323290	666340							
51767	EDINBURGH, FAIRMILEHEAD	324600	668300							
51768	EDINBURGH, FAIRMILEHEAD, BUCKSTONE ROAD	324880	668930							

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
51769	CAMUS STONE	324600	668300							
51771	EDINBURGH, COLINTON DELL	321500	669300				X			
51772	EDINBURGH, SWANSTON	324300	667600					X		X
51774	CAPELAW HILL	321200	665200					X		
51775	WOODHOUSELEE HILL	323340	665030					X		X
51776	EDINBURGH, DEAN BURN	321300	666600					X		
51777	EDINBURGH, SWANSTON	324200	667600					X		X
51778	ALLERMUIR HILL	323100	665800							
51779	HILLEND	324900	665800					X		X
51780	EDINBURGH, MORTONHALL GOLF COURSE	324000	669000							
51785	BOWBRIDGE	324800	667600							
51795	HAILES HOUSE	321100	669500			X				
51796	REDHALL	321000	669000							
51797	CLUBBIEDEAN RESERVOIR	320000	666800							
51806	MAIDEN CASTLE	328670	664400							
51807	GORTON HOUSE	328020	663240							
51809	MOUNTMARLE	327890	663700							
51814	OATSLIE SANDPIT	326480	662700							
51816	ROSLIN	326950	663040					X		X
51817	MOAT FARM, ROSLIN	326300	663700							
51818	DRYDEN MAINS	327600	663800					X	X	
51820	DRYDEN MAINS	327840	663820							
51821	ROSLIN	327000	662000							
51822	ROSLIN	327000	663000							
51823	ROSLIN GLEN, CARVED STONE	327750	663030							
51824	GOURLAW	328000	661300							
51825	GOURLAW	328000	661300							
51826	GOURLAW	328040	661300							
51827	POLTON	329000	664900							
51828	WHITE BOG	329880	663130					X		
51829	BELLMOUNT STRIP	327300	660500					X		
51830	LASSWADE, MIDFIELD HOUSE	329480	664140					X		
51831	'WALLACE'S CAMP'	327590	664660							
51832	HAWTHORNDEN	329650	663640					X	X	
51833	PARKNEUK	329560	662960					X		X
51833	PARKNEUK	329560	662960					X		X
51833	PARKNEUK	329560	662960					X		
51833	PARKNEUK	329560	662960					X		
51834	LEA FARM	326930	662020					X		
51835	NEW MILTON	325670	662920					X	X	
51836	NEWBIGGING	328000	660700					X		
51841	BILSTON, CASTLELAW CRESCENT	326100	664400				X			
51846	ROSEWELL	329430	662470							
51847	HAWTHORNDEN	329400	663500							
51848	AUCHENDINNY	325750	661700							
51849	STONEFIELDHILL	329800	660150					X		X
51851	BILSTON	326140	664270					X	X	
51852	DRYDEN MAINS	328030	664160							
51858	ESKHILL	326400	662400							
51859	BORDER – CRAWFORD – INVERESK (?)	320050	660000							
51863	MARCHWELL	322640	662120							
51866	LAWHEAD	321000	661000							
51867	MAURICEWOOD	323100	662300							
51869	GLENCORSE	324670	662610							
51870	GLENCORSE, OLD PARISH CHURCH	324500	662900							
51871	CASTLE LAW, GLENCORSE	322900	663870			X		X		

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
51872	KIRKHILL	323640	660180							
51873	CASTLE KNOWE	322990	664040					X		
51874	FISHERS' TRYST	324000	662000							
51875	TURNHOUSE HILL	321620	663670							
51877	PENICUIK	323000	660000							
51881	HOUSE OF MUIR, ROSLIN	323000	663000							
51882	CASTLELAW	322900	663600							
51883	RULLION GREEN	322700	662500					X		
51884	PENICUIK	323000	660000				X			
51885	LAWHEAD HILL	322200	661900					X		
51886	GLENCORSE MAINS	323320	662710		X					
51888	CROSSHOUSE	324100	663700							
51889	RULLION GREEN	322330	662260							
51890	BEESLACK	324300	661500							
51895	KNIGHTFIELD RIG	321400	664600					X		
51896	KNIGHTFIELD RIG	321400	664500					X		
51898	CASTLELAW HILL	322280	664160							
51900	GRAIN BURN	320200	661100							
51901	WOODHOUSELEE	323100	664700							
51905	CAPELAW HILL	321400	664900							
51909	MIDLOTHIAN	320000	660000							
51910	MIDLOTHIAN	320000	660000							
51911	MIDLOTHIAN	320000	660000							
51912	CARNETHY HILL	320380	661910							
51913	TURNHOUSE HILL	321630	662180					X		X
51914	RULLION GREEN	322090	662240							
51928	EDINBURGH, LEITH, LAURIE STREET	327060	675950							
51930	WATER OF LEITH	325000	675000							
51931	EDINBURGH, LEITH CITADEL	326700	676600							
51932	EDINBURGH, LEITH	325000	675000				X			
51933	EDINBURGH, MERILEES CLOSE	326810	676190							
51935	LEITH LINKS	328020	675980				X			
51953	EDINBURGH, 34 WARRISTON AVENUE	325130	675620				X			
51954	EDINBURGH, BONNINGTON ROAD	326400	675900							
51955	EDINBURGH, FORT STREET	326200	676300				X			
52032	EDINBURGH, WARDIE	324200	677200			X				
52033	WARDIE	324070	677010							
52034	EDINBURGH, GRANTON PIER	323000	677000			X				
52038	EDINBURGH, GRANTON	323000	676000				X			
52045	CRAMOND	320200	676300							
52047	EDINBURGH, EAST BARNTON AVENUE	320000	675000				X			
52061	GRANTON CASTLE	322500	677200			X				
52062	GRANTON	324000	677000				X			
52063	CAROLINE PARK, EDINBURGH	322600	677100							
52064	EDINBURGH, SILVERKNOWES AVENUE	320500	675700				X			
52065	WARDIE	324300	676800							
52066	GRANTON	324000	677000							
52108	EDINBURGH, LIBERTON, RAVENSWOOD AVENUE	328280	670490							
52114	EDINBURGH, HOLYROOD PARK, DUDDINGSTON LOCH	328203.417	672410.065				X			
52116	EDINBURGH, HOLYROOD PARK, DUDDINGSTON LOCH	328204.083	672411.315							
52117	EDINBURGH, DUDDINGSTON PARISH CHURCH	328321.519	672613.832							

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
52118	EDINBURGH, CRAIGENTINNY	329200	674700							
52119	EDINBURGH, CANONGATE	326700	673900				X			
52121	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT, SAMSON'S RIBS	327450.853	672492.844			X		X		
52122	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327564.911	672908.148							
52124	EDINBURGH, REGENT BRIDGE	325980	674040			X				
52128	EDINBURGH, BLACKFORD HILL QUARRY	325900	670200							
52129	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327564.203	672907.394							
52133	EDINBURGH, 183-187 CANONGATE, BIBLELAND	326300	673700							
52133	EDINBURGH, 183-187 CANONGATE, BIBLELAND	326300	673700							
52136	EDINBURGH, INCH	328000	670000							
52162	EDINBURGH, HOLYROOD PARK, DUNSAPIE	328280	673140					X		
52163	EDINBURGH, MEADOW WALK HOUSE	325660	672960				X			
52198	EDINBURGH	325000	670000				X			
52199	EDINBURGH, CRAIGMILLAR CASTLE FARM	328800	670800				X			
52201	EDINBURGH, HAY ROAD	329600	671800							
52218	EDINBURGH, HOLYROOD PARK, DUDDINGSTON LOCH	327949.879	672419.889							
52221	NIDDRIE	329870	671250							
52239	GRASSMARKET	325000	673000				X			
52240	EDINBURGH, HOLYROOD PARK, SALISBURY CRAGS	327013.735	673575.25							
52242	EDINBURGH, THE INCH	327000	670000							
52243	EDINBURGH, MONTGOMERY STREET	326709.282	674636.127							
52244	EDINBURGH, CRAIGMILLAR	328000	671000							
52246	EDINBURGH, MOUNTCASTLE CRESCENT	329290	673970							
52270	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327563.703	672907.03							
52271	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327564.613	672907.803							
52313	EDINBURGH, MORAY HOUSE	326380	673740				X			
52369	EDINBURGH, HOLYROOD ABBEY	326941.482	673966.259				X			
52453	EDINBURGH	325000	670000							
52454	EDINBURGH	325000	670000							
52455	EDINBURGH	325000	670000							
52461	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327563.392	672906.568							
52465	EDINBURGH, CANONGATE	325000	673000							
52476	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT, THE DASSES	327434.819	673415.413					X		
52479	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT, THE DASSES	327472.524	673262.156					X		
52483	EDINBURGH, CALTON HILL	326228.88	674222.974			X				
52510	EDINBURGH, HOLYROOD PARK, DUNSAPIE	328172.427	673166.013					X		X
52517	EDINBURGH, CASTLEHILL	325390	673530				X			
52519	EDINBURGH, BELLEVUE CRESCENT	325600	674800							
52536	EDINBURGH, PLEASANCE	326200	673300				X			

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
52538	EDINBURGH	325000	670000				X			
52539	EDINBURGH, HIGH STREET	325891	673639				X			
52542	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327962.541	672908.098					X		
52549	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT, QUEEN'S DRIVE	327854.633	672647.543							
52550	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT, QUEEN'S DRIVE	327574.996	672464.705							
52551	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT, WINDY GOWL	327968.787	672581.626							
52552	EDINBURGH, INCH, CAT STANE	327450	670680							
52553	EDINBURGH, BLACKFORD HILL	325600	670300							
52554	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	328044.399	672849.642					X		
52555	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT, WINDY GOWL	327810	672470					X		
52558	EDINBURGH, BLACKFORD HILL	325450	670640					X		
52559	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT, SAMSON'S RIBS	327424.794	672475.899							
52561	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327644.212	672823.468				X	X		X
52565	EDINBURGH, HOLYROOD PARK, ECHOING ROCK	327201.179	672697.043							
52599	EDINBURGH, 100 CARRICK KNOWE AVENUE	320800	672200							
52600	EDINBURGH, CORSTORPHINE HILL	320000	674000							
52601	EDINBURGH, CORSTORPHINE	320000	672000							
52602	EDINBURGH, SAUGHTON HALL	322000	671900							
52604	EDINBURGH, ARDMILLAN TERRACE	323400	672300							
52606	EDINBURGH, MERCHISTON	324000	671000							
52609	MERCHISTON CASTLE	324310	671800							
52620	EDINBURGH, NORTH MERCHISTON CEMETERY	323300	672200							
52631	EDINBURGH, 7, 8 GROSVENOR CRESCENT	324010	673450							
52640	EDINBURGH, DEAN BRIDGE	324270	673990							
52641	EDINBURGH, ROYAL CIRCUS	324800	674500							
52644	EDINBURGH, SAXE-COBURG PLACE	324600	674800							
52647	EDINBURGH, CORSTORPHINE HILL	320000	674000							
52649	EDINBURGH, BELL'S MILLS	323700	673600							
52654	EDINBURGH, SLATEFORD	322000	671000							
52655	EDINBURGH, CORSTORPHINE	320000	672000				X			
52656	EDINBURGH, MORNINGSIDE, BOROUGHMUIRHEAD	324000	672000							
52657	EDINBURGH, CALDER ROAD	320700	671100				X			
52658	WESTER CRAIGLOCKHART HILL	322820	670060	X				X		X
52659	EDINBURGH, CRAIGLOCKHART HOUSE	322166	670462							
52660	EDINBURGH, DEAN BANK INSTITUTION	324670	674740							
52661	EDINBURGH, LENNOX STREET	324200	674200							
52661	EDINBURGH, LENNOX STREET	324200	674200							
52665	EDINBURGH, FALCON AVENUE	324600	671400							
52671	EDINBURGH, MURRAYFIELD	322100	673300							

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
52672	EDINBURGH, CORSTORPHINE, 75 HILLVIEW ROAD	320000	673420				X			
52673	EDINBURGH, MEGGETLAND PLAYING FIELDS	322800	671100				X			
52674	EDINBURGH, STOCKBRIDGE	324000	674000				X			
52676	EDINBURGH, CORSTORPHINE HILL	320000	674000				X			
52686	EDINBURGH, SUCCOTH PLACE	322890	673620							
52698	EDINBURGH, ST BERNARD'S CRESCENT	324400	674400				X			
52699	EDINBURGH, MURDOCH TERRACE	324000	672500				X			
52700	EDINBURGH, LEVEN STREET	324900.09	672599.446				X			
52701	EDINBURGH, DEAN CEMETERY	323700	674000				X			
52702	EDINBURGH, RUSSELL ROAD	323000	672900				X			
52703	EDINBURGH, HARRISON PARK	323400	671800				X			
52707	EDINBURGH, SAUGHTONHALL	321000	672000							
52709	EDINBURGH, SHANDON CRESCENT	323000	671700							
52713	EDINBURGH, CRAIGLEITH QUARRY	322600	674600							
52714	REDHALL	321000	670000							
52715	WESTER CRAIGLOCKART HILL	322000	670000							
52729	EDINBURGH, BURGH MUIR	324000	672000				X			
53240	CURRIE, BORTHWICK	337000	659000							
53244	CASTLE LAW, NORTH MIDDLETON	335290	659650					X		
53245	CURRIE INN FARM	337400	658600					X		
53246	MIDDLETON BURN	337100	658700					X		
53247	CAKEMUIR BURN	339700	656500					X	X	
53248	FALA HILL	338280	656000					X		
53249	SOWBURNRIG	335500	656000					X		
53251	TORCRAIK	336000	659000							
53256	MIDDLETON HALL	336780	658200							
53257	CURRIE, BORTHWICK	337000	659000			X				
53258	SHIEL LOCH, TORCRAIK	335300	658900							
53260	TYNEHEAD	339000	659000							
53272	SOWBURN RIG	334700	655700							
53275	HALKERSTON	334700	658300							
53276	TEMPLE	331000	658000							
53277	ARNISTON	332000	659000							
53283	PURVIES HILL	332040	659060					X		
53284	OUTERSTON HILL	333340	655750							
53285	ESPERSTON QUARRY	334000	657000							
53286	REDSIDE	331120	659560					X	X	
53287	ARNISTON	332500	659400							
53295	WULL MUIR	335100	653700					X		
53296	TATHIEKNOWE	335100	652600					X		
53302	HERIOT TOWN HILL	339670	653880							
53305	ROUGHSWARE	338220	652490					X		X
53308	WESLEY CLEUGH BURN	332100	653000					X	X	
53315	BLACKHOPE TOR	334520	652810					X		
53318	TORFICHEN HILL	333200	652700					X	X	
53319	TORFICHEN HILL	333000	653100					X		X
53321	TORFICHEN HILL	333470	653520							
53322	BROAD LAW	333800	654480					X	X	
53323	TORFICHEN HILL	333700	653800					X		X
53324	BROAD LAW	334730	654510					X		X
53325	BROAD LAW	334200	653300					X		
53326	TORFICHEN HILL	333200	653070					X		X

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
53329	ELPHINSTONE TOWER	338310	669790					X	X	
53330	LANGLAW	336480	666280					X	X	
53332	COUSLAND, WINDMILL PLANTATION	337700	668100							
53334	EASTER COWDEN	336450	667900							
53335	EASTER COWDEN	336550	667570					X		X
53336	EASTER COWDEN	336210	667470					X	X	
53337	COUSLAND	337000	668000							
53342	FORDEL MAINS	337300	666400					X		X
53343	PARDIVAN	338870	668560					X		
53344	PARDIVAN	338690	668360					X	X	
53345	WEST COWDEN	336200	666600					X		
53346	EDGEHEAD	336700	665100					X		X
53347	FORDEL PARK	338400	667000							
53348	OXENFOORD MAINS	339000	666600					X		X
53349	HADFAST	338500	668700							
53350	LAWFIELD	336140	665500					X		X
53352	ELPHINSTONE TOWER	338800	669700					X		
53353	ELPHINSTONE TOWER	339300	669900					X		
53354	ELPHINSTONE TOWER	339000	669700							
53355	COATS	336790	666400							
53356	LANGLAW	336610	666280							
53357	LAWFIELD	335750	665640					X		X
53358	CARBERRY HILL	337590	669600							
53372	OXENFOORD MAINS	339700	667520					X		
53374	CHALKIESIDE	336900	668260					X	X	
53375	CHALKIESIDE	336260	668170					X		X
53376	CRANSTOUN RIDDEL	338800	666000					X		
53377	WESTER COWDEN	335210	667210					X	X	
53378	OXENFOORD HOME FARM	338320	665330					X		
53379	LAWFIELD	336130	665440							
53380	OXENFOORD	339850	667200					X		X
53381	OXENFOORD MAINS	339370	666440							
53382	AIRFIELD	338810	667770							
53383	PRESTON HALL	339790	665000							
53384	QUEEN MARY'S MOUNT	337310	669510					X		
53385	FORDEL MAINS	337860	666760							
53392	CATCUNE	336000	665000							
53393	FORDEL PARK	338000	667000							
53394	LONG STRIP	335780	667320					X		
53395	LONG STRIP	335850	667300							
53397	ELPHINSTONE	339600	669940							
53398	WESTER COWDEN	335030	667010					X		
53399	CHALKIESIDE	336460	668260					X	X	
53401	PARDIVAN	338920	668520							
53402	CHALKIESIDE	336670	668120					X	X	
53404	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	334990	666730							
53406	MELVILLE NURSERIES	331030	667630					X		X
53407	SMEATON HEAD	334600	668400					X		X
53408	HOME FARM	334640	669950					X		
53409	MELVILLE NURSERIES	331570	667400					X		X
53410	DALKEITH, WOODBURN HOUSING ESTATE	334000	667000							
53411	DALKEITH	330000	660000							
53412	LUGTON	332480	667540					X		
53414	MELVILLE DYKES	331000	666400							
53415	ESKBANK	331810	666950							
53421	MELVILLE GRANGE	330600	667300							

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
53429	NEWBATTLE ABBEY	333300	666000							
53432	ELGINHAUGH	332000	667000							
53454	BONNYRIGG, EAST POLTON	330300	665500				X			
53455	BONNYRIGG, DOBBIE'S KNOWE	330380	665440							
53459	DALKEITH, WOODBURN HOUSING ESTATE	334100	667200							
53461	DALKEITH	334540	669160		X					
53462	ESKBANK	332130	666810		X					
53467	SHERIFFHALL	331800	668500		X					
53469	SMEATON BRIDGE	334370	669700							
53470	MELVILLE GRANGE	330000	667000							
53479	NEWTON	334780	668850					X		
53480	ELGINHAUGH BRIDGE	332430	667190					X		X
53481	THORNYBANK	334460	667970							
53482	NEWTON	333480	669950							
53483	CASTLESTEADS	333760	669520							
53484	PICKLE DIRT	334300	668900		X					
53485	HARDENGREEN	332130	665550					X		X
53486	SOMERSIDE	331770	668000					X		X
53487	MILLERHILL	332360	669710					X		X
53488	NEWTON CHURCH	333400	669000					X	X	
53489	DALKEITH PARK	333800	668000							
53491	LUGTON BOGS	331620	667530					X		
53492	ELGINHAUGH	332100	667300	X						
53493	ELGINHAUGH	332100	667300					X		
53495	ELGINHAUGH	332100	667300							
53496	ELGINHAUGH	331900	667100							
53500	CASTLESTEADS PARK	334120	669730							
53501	CASTLESTEADS PARK	334340	669680							
53502	CASTLESTEADS PARK	334140	669610							
53503	CASTLESTEADS PARK	333990	669750							
53505	CASTLESTEADS	333770	669730							
53506	NEWTON	333650	670050							
53507	ESKBANK	332050	666850							
53510	ELGINHAUGH	332300	667500							
53511	MELVILLE NURSERIES	330600	667200							
53512	MELVILLE NURSERIES	331000	667400							
53514	THORNYBANK	334420	668070							
53518	MELVILLE NURSERIES	330700	667300							
53519	ELGINHAUGH	332150	667210							
53521	DALKEITH POLICIES, STEEL PARK	333570	668200							
53525	DALKEITH POLICIES, HOWLANDS PARK	333150	668560							
53534	LUGTON	332530	667450		X					
53535	CASTLESTEADS PARK	334300	669800							
53536	MELVILLE NURSERIES	330800	667600							
53537	CAMPWOOD, NEWBATTLE	335950	663800					X		X
53538	BORTHWICK, THE CHESTERS	336220	660200					X		X
53545	PATHHEAD	339900	663200		X					
53546	WOODHEAD	338400	663850		X			X		
53547	TURNIEDYKES	338510	663280					X		
53549	MOUNTSKIP FARM	337100	661400					X		X
53550	FORD	338610	664260					X	X	
53551	TURNIEDYKES	338790	663090					X		X
53553	TURNIEDYKES	338680	663260							
53554	TURNIEDYKES	338800	663900					X		
53555	VOGRIE GRANGE	337900	662600							
53556	TURNIEDYKES	338700	663700					X		
53558	CATCUNE	335300	660500					X		

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
53559	PATHHEAD	339600	663590		X			X		
53560	WRIGHT'S HOUSES	335550	660510					X	X	
53561	CATCUNE	335870	660180							
53562	CRANSTON DEAN	338900	664900							
53563	MILLSTONE BROW	335590	661520							
53564	WHIPPIELAW	339270	663370							
53565	BURNSIDE	339700	662900							
53566	WOODHEAD	338200	663900					X		
53567	WHIPPIELAW	339590	663580		X			X	X	
53568	WHIPPIELAW	339670	663770					X	X	X
53571	CHESTERHILL	337700	664770					X		X
53582	PLAY HILL, CRICHTON	338400	661900	X				X		
53583	SOUTHSIDE	336970	664300					X	X	
53585	WOODHEAD	337800	664000							
53586	FORD	338300	664590							
53588	CRICHTON	338200	661900							
53590	MOUNTSKIP, VOGRIE	336000	661000							
53592	BORTHWICK MAINS	336680	660430					X		X
53594	TURNIEDYKES	338830	663270							
53603	LOQUHARIOT, ST KENTIGERN'S WELL	337230	660830							
53604	WRIGHT'S HOUSES	336400	660600							
53606	CAPIELAW	330000	661700					X		X
53607	STONEFIELDHILL	330440	660120					X		X
53609	BRIXWOLD	331800	664500					X	X	
53610	DALHOUSIE MAINS	332300	664900							
53625	GOWKSHILL	334300	663000					X		
53626	CASTLE DEAN BURN	331850	662460					X		X
53627	CARRINGTON BARNS	332860	660620					X	X	
53630	WALKERSTON, GOREBRIDGE	334000	661000							
53631	CARRINGTON	332140	660250					X		
53632	GOWKSHILL	334300	663200					X		
53633	DALHOUSIE MAINS	332300	664600					X	X	
53634	CARRINGTON BARNS	332890	661040							
53641	DEADMAN LIES, ARNISTON MAINS	332950	660370					X		X
53642	CARRINGTON	331000	660000	X						
53656	PRESTONPANS, HIGH STREET	338500	674450							
53657	PRESTONPANS, MARY MURRAY'S INSTITUTE	339100	674100							
53661	BIRSLEY QUARRY	339610	672720							
53662	PRESTON TOWER	339000	674000							
53665	MORRISON'S HAVEN	337120	673600							
53667	WEST MAINS	337580	670750					X		X
53670	BANKHEAD	339230	672810					X		X
53674	MUSSELBURGH LINKS	336180	672850							
53675	PINKIE MAINS WEST	335440	672330							
53676	PINKIEHILL	334980	671670		X	X				
53677	MIDFIELD MAINS	335000	671630		X	X				
53678	INVERESK, WESTFIELD	335040	671390							
53679	HOWE MIRE	335990	671600					X		X
53683	MUSSELBURGH, 30 PINKIE AVENUE	335430	672370			X				
53684	PRESTONPANS, GRANGE CRESCENT WEST	338630	673800							
53685	BANKTON	339500	673460							
53687	MUSSELBURGH, WOODSIDE GARDENS	335200	672910							
53688	FALSIDE HILL	338000	671200							

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
53689	NETHERSHOT ROAD, PRESTONPANS	339200	674780							
53692	WESTFIELD	335050	671000							
53694	INVERESK	335100	671400					X		
53696	HOWE MIRE	335400	671500							
53698	SWEETHOPE	335850	671030					X		
53699	RIGLEY HILL	339100	673300					X		X
53700	RIGLEY HILL	338600	673100					X		
53701	FALSIDE HILL	338500	672000							
53702	DOLPHINGSTONE	338600	672900							
53703	DOLPHINGSTONE	338100	672300					X		
53705	BANKHEAD	339300	673100					X		
53706	BIRSLEY BRAE	338900	672300					X		
53708	WALLYFORD	337180	672550					X		X
53709	TRANENT	339700	672200							
53714	INVERESK, CROOKSTON ROAD	335100	671800			X				
53721	COWPITS	335020	670970							
53722	WEST MAINS	337600	670900							
53723	WEST MAINS	337700	670300							
53731	BARBACHLAW	336420	671740							
53743	OLIVER'S MOUND, MUSSELBURGH	334460	672090			X				
53754	ESKGROVE, MUSSELBURGH, ROMAN TARRAS FLOORS	334540	672100							
53776	INVERESK, MUSSELBURGH	334640	672110			X				
53787	ESKGROVE, MUSSELBURGH	334670	672100			X				
53811	MUSSELBURGH, BRUNTON'S WIREWORKS	334200	672400			X				
53831	OLD CRAIGHALL	333820	670530							
53832	EAST FIELD, INVERESK	334430	670310							
53833	ST MICHAELS, INVERESK, MUSSELBURGH	334250	671900							
53834	SHAWFAIR	331800	670500							
53837	INVERESK	334800	670900		X		X			
53838	INVERESK	334860	671010					X		
53839	INVERESK	334880	671050							
53840	RICRUIN	334970	671260							
53841	EASTFIELD, INVERESK	334530	670570							
53842	WOOLMET	330500	670400							
53843	WOOLMET	330350	670270					X		
53844	MUSSELBURGH, INVERESK CHURCH	334420	671940			X	X			
53852	MUSSELBURGH, INVERESK, WEDDERBURN HOUSE	334920	671550				X			
53853	INVERESK, MUSSELBURGH	334970	671960			X				
53855	EAST FIELD, INVERESK	334430	670020							
53856	OLD CRAIGHALL	333680	670600							
53858	HILLTOWN	331200	670400							
53863	EDINBURGH, MAGDALEN BRIDGE	332570	673220							
53864	SHIRE HAUGH, MONKTONHALL	334000	671000							
53865	STONEYBANK AVENUE, MONKTONHALL	333450	671700				X			
53866	INVERESK	334800	671200		X			X		
53867	MUSSELBURGH	334000	672000				X			
53868	MUSSELBURGH, INVERESK HOUSE	334460	672060				X			
53869	INVERESK GATE, MUSSELBURGH	334510	671990			X				
53870	MUSSELBURGH, 121 NEWBIGGING	334620	672270			X				

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
53871	INVERESK LODGE, MUSSELBURGH	334890	671800			X				
53872	INVERESK	334820	672120			X		X		
53875	EDINBURGH, PORTOBELLO, FISHWIVES' CAUSEWAY	330000	674000				X			
53876	EDINBURGH, PORTOBELLO STATION	330300	673500							
53877	BELFIELD, FISHERROW	333700	672500							
53878	INVERESK, MUSSELBURGH	334000	671000			X				
53880	LAW KNOWE, NIDDRIE	330000	671000							
53894	WOOLMET	330550	670390					X		
53895	NEW CRAIGHALL	332500	671900							
53896	NEW CRAIGHALL	332000	672000							
53898	BRUNSTANE	332000	672400					X		
53899	BRUNSTANE	331900	672500							
53900	NEWHAILES	332900	672300							
53901	NEWHAILES	332900	672400					X		
53902	CASTLESTEADS	333860	670040							
53903	MONKTONHALL GOLF COURSE	333900	671300					X		
53904	MONKTONHALL	333100	671800					X		
53905	COWPITS	334900	670400							
53906	INVERESK	334770	671270					X		
53907	EAST FIELD, INVERESK	334230	670330					X		
53908	KIRK PARK, MUSSELBURGH	334160	672280							
53909	EAST FIELD, INVERESK	334180	670440							
53910	EAST FIELD, INVERESK	334490	670370					X		X
53911	EAST FIELD, INVERESK	334680	670230					X	X	X
53912	EAST FIELD, INVERESK	334520	670320							
53913	EAST FIELD, INVERESK	334380	670500							
53914	EAST FIELD, INVERESK	334550	670280					X		
53915	EAST FIELD, INVERESK	334640	670240					X		
53916	INVERESK	334800	671100					X	X	
53917	INVERESK	334740	671000							
53918	INVERESK	334660	670970							
53919	INVERESK, MUSSELBURGH, ROMAN FORT	334200	672000	X						
53922	INVERESK	334890	672160							
53923	MUSSELBURGH, MAYFIELD PLACE	333600	671400				X			
53924	EDINBURGH, HIGH STREET	330400	673800				X			
53930	INVERESK, MUSSELBURGH	334380	672060			X				
54533	SOUTRA AISLE	345300	658500					X		X
54537	SOUTRA HILL	345000	658000							
54539	LINDEAN BURN	348950	659200					X		
54540	LINDEAN BURN	348800	659300					X		
54546	SOUTRA HILL, TRINITY WELL	345190	658800							
54548	DUN LAW	345500	657290					X	X	
54550	DUN LAW	346040	657550					X	X	
54551	SOUTRA HILL	345940	659070							
54553	FALA MOOR	343000	658000							
54555	CAKEMUIR HILL	340410	657610							
54556	BROTHERSHIELS	342550	655420					X		
54559	BROTHERSTONE WOOD	343370	655610							
54562	SANDY KNOWE	341110	656550					X		
54564	BROTHERSTONE HILL	342930	655770							
54565	BROTHERSTONE HILL	342950	655520							
54566	SOUTRA MAINS WOOD	344800	658330							
54568	FALA MOOR	343170	658780							
54570	NETHER BROTHERSTONE	343080	655270					X		X

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
54571	FALA MAINS	344650	659550					X		X
54572	FALA MOOR	342270	658870							
54574	BROTHERSTONE HILL	343610	655270					X		X
54575	NETHER BROTHERSTONE	342920	655070					X		X
54630	HERIOT STATION	340650	654700					X		X
54639	KIRKLANDHILL	340500	653400							
54641	NETHER BROTHERSTONE	343090	654700					X		X
54658	HANGINGSHAW	340900	654380					X		
54662	CAULDSHIELS	348610	666440					X	X	
54664	GRANT BRAES	349000	669000							
54665	HOWDEN	349900	667700					X		
54666	EWINGSTON	348900	665100					X		
54667	LEEHOUSES	349500	665500					X		
54668	EAST MAINS	347600	669000					X		
54669	SALTOUN HOME FARM	346496	668908					X		X
54670	NISBET	346500	669800							
54671	MILTON HOUSE	345330	666850							
54673	HUMBIE WOOD	346400	665100							
54674	BOLTON	348800	665100					X		
54689	KIRKLANDS	349500	669500							
54698	SALTOUN FOREST	347150	665980					X		X
54700	PRESTON HALL	340270	667090							
54702	REMOTE	340400	665100							
54704	WINTON WEST MAINS	342700	669600				X			
54705	DUNCRA HILL FARM	343000	668000							
54715	ORMISTON	341000	669000							
54716	PENCAITLAND PARISH	343000	668000							
54719	PRESTON MAINS	340700	665310					X		X
54720	ROSE MAINS	340500	666730					X	X	
54721	WESTER PENCAITLAND	343900	668500							
54723	SOUTH LODGE	341180	667190							
54725	ORMISTON HALL, BACK BRAES	341100	667990					X		
54726	PRESTON TOLL	341210	665550					X		
54727	WINTON WEST MAINS	342930	669580					X		
54728	LEMPOCKWELLS	344650	667670					X		
54729	ROSELEA	343420	668670					X		
54730	TYNEHOLM	344570	668060					X		
54731	WOLFSTAR	341850	668510					X		
54732	WESTER PENCAITLAND	343650	668550					X		
54734	WOODHALL	342800	668200							
54737	TEMPLEHALL	342300	665780					X		
54753	ORMISTON HALL, BACK BRAES	341140	667840					X		
54755	WOODHALL	342870	668480					X		
54757	BROOMRIG	342620	668920					X	X	
54763	WOLFSTAR	341540	668920					X		
54767	STOBSHIEL	349790	663800					X		
54769	STOBSHIEL	349000	663000					X		X
54770	BLACKLAW	348300	664730					X		X
54772	STOBSHIEL	349200	663900					X		
54773	BLACKLAW WOOD	348330	664720					X		
54776	BLEGBIE	348700	660800					X		
54786	NEW MAINS	345800	663700							
54787	BLACKLAW	348600	664400							
54791	STOBSHIEL	349700	663000							
54792	WOODCOTE PARK, PRIOR'S WELL	345810	660390							
54793	HUMBIE MILL	346200	663000							
54794	WINDY LAW	349100	661500							
54795	DODRIDGE LAW	342070	663820	X	X	X		X		X
54796	LONGFAUGH	340380	661760		X	X		X		

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
54797	CRICHTON MAINS	340010	661910			X				
54799	COSTERTON MAINS, BLACKSHIELS	343200	662600							
54800	KEITH MARISCHAL HOUSE	344900	664300							
54801	WINDY MAINS	343800	664000				X			
54804	CRICHTON	340000	661000			X				
54805	CRICHTON-DEAN	340000	661000				X			
54807	BLEAK LAW, SAUGHLAND	342400	661400							
54808	CRICHTON HOME FARM	340000	662000							
54809	FALA	343000	660000							
54810	FALA	343000	660000							
54811	BLACKSHIELS	343310	661240					X	X	
54812	CRICHTON	340530	660400					X		X
54813	CRICHTON HOME FARM	340000	661000							
54815	FALA MILL	343000	662000	X						
54816	REMOTE	340750	664950					X	X	X
54818	WEST MAINS OF BLACKSHIELS	341940	660860					X		X
54819	WEST MAINS OF BLACKSHIELS	341800	660700					X	X	
54820	CAKEMUIR BURN	342630	660840					X		X
54821	SAUGHLAND	342500	661000					X		
54822	HOPE	340980	662450					X	X	
54823	SAUGHLAND	341330	661240					X	X	
54824	CRICHTON DEAN	341400	662000					X		X
54825	WHIPPIELAW	340120	663520							
54827	COSTERTON	344500	663200					X		
54831	COSTERTON	344500	662900							
54832	WINDY MAINS	344150	663520					X		
54834	WHIPPIELAW	340300	663100							
54835	WHITBURGH MAINS	340800	663890							
54836	BLEAK LAW	342600	661200							
54841	OLD WINDY MAINS	344510	664100							
54843	PARTRIDGE BURN	342770	660460					X		
54845	SAUGHLAND	342460	661160							
54846	BLEAK LAW	342300	661700							
54848	JUNIPERLEA	344580	660530							
54849	SAUGHLAND	341300	661400					X		
54853	LONGFAUGH	341000	661000			X				
54854	FALA DAM	342620	661730							
54855	CRICHTON DEAN	341880	661970							
54856	CRICHTON DEAN	342030	661970							
54861	HOPE	340500	662900							
54862	LONGFAUGH	341290	661970			X				
54864	LONGFAUGH	341120	661800					X		X
54868	HADDINGTON	347000	675000							
54870	SETONHILL	346000	676000							
54871	SETONHILL	346000	676000							
54872	HARELAW	345190	676730							
54873	HARELAW	345000	676000							
54875	MUNGOSWELLS	349840	679400					X		X
54876	REDCOLL	345600	675300					X		
54878	REDCOLL WOOD	345310	675860					X		
54879	SPITTAL	346800	677400					X		
54880	SPITTAL	346900	677300					X		
54881	BALLENCRIEFF MAINS	347000	678000					X		X
54882	BALLENCRIEFF MAINS	347900	677900					X		
54883	LUFFNESS MAINS	348400	679700					X		
54885	REDHOUSE DEAN	346700	676300					X		
54886	MUNGOSWELLS	349700	679300							
54887	REDCOLL WOOD	345800	675700							

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
54889	REDCOLL WOOD	345700	675700							
54890	SETONHILL	345240	676170					X		
54891	CHANCE INN	345500	676800					X		
54892	GLENARROL	349500	677700							
54893	REDHOUSE	345800	677100							
54897	MUNGOSWELLS	349700	679200							
54901	REDCOLL	345200	675200							
54902	REDHOUSE	345600	676900					X		
54903	LUFFNESS MAINS	348200	679500					X		
54904	HARELAW	345500	676500							
54905	SETONHILL	345900	676500					X		
54906	GOSFORD PARK	345200	677500							
54907	CRAIGIELAW	345500	679500					X		
54908	CRAGIELAW	345500	679400					X		
54915	SOLOMON"S TOWER	345200	675500							
54916	CRAIGIELAW	345500	679600					X		
54917	LOCHHILL	347710	676780					X	X	
54918	ABERLADY PARISH	344000	678000							
54919	LONGNIDDRY GOLF COURSE	343100	676000							
54920	SETON MAINS	342840	675480							
54921	GOSFORD BAY	344000	677000			X				
54922	LONGNIDDRY GOLF COURSE	342800	675900							
54923	LONGNIDDRY GOLF COURSE	342430	675830							
54924	LONGNIDDRY FARM	344400	676000							
54925	LONGNIDDRY	344000	676000							
54926	LONGNIDDRY DEAN	343300	675600							
54928	SETON MAINS	342500	675370					X		
54930	LONGNIDDRY DEAN	343230	675650					X		X
54931	PORT SETON	340950	675400	X				X		X
54934	SETON WEST MAINS	340630	675240					X	X	
54943	LONGNIDDRY, DEAN PARK	343300	675800			X				
54944	SETON MAINS	342810	675510					X		
54945	SETON MAINS	343010	675600							
54947	SETON SANDS	342000	676000	X						
54948	WINTON HOUSE	340240	675620							
54949	FOUR WINDS, LONGNIDDRY	344240	677000							
54950	GRAINFOOT, LONGNIDDRY	344190	676060							
54954	COCKENZIE	340000	675000							
54955	LONGNIDDRY GOLF COURSE	344210	676990							
54956	COCKENZIE, 20 WINTON PARK	340180	675540							
54957	PORT SETON	340000	675000							
54959	SAMUELSTON SOUTH MAINS	348200	670400					X		
54960	BEGBIE	349250	670050					X	X	
54961	HUNTINGTON	348100	674700					X		
54964	CUDDIE WOOD	347000	671200							
54980	SAMUELSTON EAST MAINS	348590	671760					X	X	
54984	HOPRIG	345200	674640							
54987	SOUTHFIELD	344200	674700							
54989	GREENDYKES	343700	673900							
54990	GREENDYKES	343200	673500					X		
54991	SOUTHFIELD	344030	674490					X		
54992	GREENDYKES	343800	673400							
54993	RIGGONHEAD	341400	674200					X		
54994	SETON WEST MAINS	340600	674500					X		
54995	WINTON HILL	343900	670600					X		
54997	WINTON LEA	343100	670000					X		X
54998	ST GERMAINS	342700	674300	X				X		X
54999	MEADOWMILL	340400	674300					X		
55011	SOUTHFIELD	344300	674700					X		

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
55015	MUIRPARK	342130	672510					X	X	
55016	TRANENT	340000	672000			X				
55020	TRANENT, WILSON WALK	340340	672390							
55028	ARCHERFIELD ESTATE	349100	685300							
55030	LUFFNESS HOUSE	347480	680440							
55032	MUIRFIELD GOLF COURSE	348590	684080			X	X			
55033	GULLANE POINT	346100	683000							
55036	PARK HILLS	349610	680730							
55037	JAMIE'S NEUK	348400	684400							
55039	LUFFNESS	347300	680300							
55040	GULLANE, SETON COURT	347600	682600							
55043	GULLANE GOLF COURSE	347960	682110							
55044	GULLANE SANDS	345000	681000							
55046	GALA LAW	347500	681520							
55047	GALA LAW	347400	681600			X				
55048	GULLANE GOLF COURSE	347000	682000				X			
55049	GULLANE	347000	682000				X			
55050	GULLANE LINKS	347000	682000							
55052	ELDBOTLE	349000	684000			X				
55055	GULLANE POINT	346100	683000							
55056	GALA LAW	347500	681500							
55064	LUFFNESS HOUSE	347700	680400							
55075	KILSPINDIE GOLF COURSE	345190	680190							
55079	GALA LAW	347500	681560							
55084	GULLANE	348000	682000							
55085	KILSPINDIE GOLF COURSE	344900	680200					X		
56120	EAGLESCAIRNIE MAINS	352120	668710					X		
56122	MYRESIDE	353920	669620					X		
56124	GALLERY KNOWE	351900	665700							
56127	CLAYHOLES WOOD	350520	665200					X		
56159	HOWBURN WOOD	350400	666800							
56162	THE CHESTERS	351170	668720					X		X
56184	KIDLAW	351260	664180					X		X
56188	OLD WANSIDE	350000	661200					X		
56189	OLD WANSIDE	350200	661100					X		
56190	STOBSHIEL RESERVOIR	350100	661600					X		
56191	LEEHOUSES	350200	664900					X		
56192	HIGHSIDE HILL	351700	663800							
56202	WITCHES KNOWE	351860	663560					X		
56280	THE CHESTERS, DREM	350760	678260					X		X
56294	CAMPTOUN	350280	677910							
56295	KAE HEUGHS, BARNEY MAINS	351830	676270					X		X
56296	SEATON LAW	353300	676610					X	X	
56297	CAMPTOUN	350200	677700							
56298	CAMPTOUN	350000	677000							
56301	GALLOWS LAW	350560	677710							
56303	SIXPENCE STRIP	350300	678350					X		X
56308	KILDUFF MAINS	352400	677600					X		X
56309	KILDUFF MAINS	352100	677600					X		
56310	KILDUFF MAINS	352000	677500							
56311	NEWMAINS HOUSE	351500	678700					X		
56312	NEWMAINS HOUSE	351400	678600					X		
56314	DALVRECK	350960	678080					X		
56315	FOSTER LAW	350600	678500					X		
56316	DREM	350200	679300					X		X
56317	DALVRECK	350500	678300					X		
56318	THE CHESTERS, DREM	350600	678200					X		
56319	FOSTER LAW	350900	678600							
56320	DALVRECK	351000	677900							

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
56321	DALVRECK	350400	678100							
56322	THE CHESTERS, DREM	351100	678060							
56323	THE CHESTERS, DREM	350980	678310							
56325	THE CHESTERS, DREM 2 AND 3	351040	678020							
56326	THE CHESTERS, DREM	350500	678300							
56327	FOSTERLAW	350800	678500							
56328	HARPERDEAN	351100	675100							
56329	KAEHEUGHS, BARNEY MAINS	351500	676000							
56330	AMISFIELD MAINS	352500	675400							
56331	BARNEY MAINS	352300	675900					X		
56332	KAEHEUGHS, BARNEY MAINS	351800	676100					X		
56335	DREM FARM	350650	679540							
56338	AMISFIELD MAINS	352100	675800					X		
56339	MUNGOSWELLS	350000	679300					X		
56341	THE CHESTERS, DREM	350600	678200							
56342	KILDUFF	351800	677300							
56343	AMISFIELD MAINS	351600	675500							
56367	THE CHESTERS, DREM	351410	678120							
56368	GALLOWS LAW	350600	677600							
56369	KILDUFF MAINS	351700	678000							
56370	HANGING CRAIG	353010	676650					X	X	X
56371	SKID HILL	350700	676410					X		X
56372	AMISFIELD MAINS	352400	675000							
56373	BARNEY HILL	351300	676000					X		
56491	LENNOXLOVE	351400	672200							
56494	HADDINGTON	351000	673000							
56495	HADDINGTON	351000	673000				X			
56498	HADDINGTON (NEAR)	351000	673000							
56499	HADDINGTON	351000	673000							
56520	BEGBIE	350010	670790					X		X
56527	BOLTON	350540	670360					X		X
56535	HADDINGTON, SIDEGATE	351700	673810				X			
56538	SANDERSDEAN	353300	671900							
56539	SANDERSDEAN	353400	671800					X		
56541	MITCHELL HALL	353100	672600					X		
56542	MITCHELL HALL	353100	672700					X		
56543	COLSTOUN MAINS	352770	671790					X	X	
56544	COLSTOUN MAINS	352200	671400					X		
56545	BOLTON	351300	670700					X		
56559	EAST LOTHIAN	350000	670000				X			
56571	HADDINGTON	350060	673580					X	X	
56572	PARKEND	350700	671100					X		X
56579	MONKRIGG	352800	672300					X		
56743	CHAPEL'S WASS, DAIRY COTTAGES	351240	682150							
56753	NEW MAINS	350000	681300							
56758	FENTON BARNS	351300	681500							
56759	MUIRTON	351400	680100					X		
56765	NEW MAINS	350100	681200					X		
56766	NEW MAINS	350300	681400							
56768	DIRLETON	350000	683000							
56792	DIRLETON CRAG, CRAIG'S PLANTATION	350000	683000							
68198	CAT HAUGH	333800	668400					X		
68199	ELPHINSTONE TOWER	338300	669600							
68200	HARPERDEAN	351100	675000					X		
68201	WEST GARLETON COTTAGES	349700	675800					X		
68297	WINDY PLAINS	344180	663510					X		
68325	WINDY LAW	336600	658900							

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
68326	CARRINGTON MILL	331800	660000							
68327	CARRINGTON MILL	331920	660250					X		
68328	ROSEWELL	329400	662500					X		
68378	SHERIFFHALL	331900	667800					X		
69329	EDINBURGH, DALMENY PARK HOUSE	316800	678000							
69331	'FRIGGATE MUIR'	329700	675000							
69339	BARBERFIELD	349070	671540					X		
69340	SEGGARSDEAN	353830	672720					X		
69521	BEGBIE	350100	670500					X		
69897	EDINBURGH, CORSTORPHINE HILL	320550	674140							
69898	THORNYBANK	334300	667910							
69913	GREENDYKES	343520	673700					X		
70114	FALAHILL	339190	656010					X		X
70839	DREM RIDE	348890	680510							
70841	COGTAIL BURN	352090	676920					X		
71467	PEFFER BURN	350500	680100					X		
71468	DREM AIRFIELD	350800	680700							
71721	BORDER – CRAWFORD – INVERESK (?)	320000	659930							
71722	BORDER – CRAWFORD – INVERESK (?)	325000	663770							
71723	BORDER – CRAWFORD – INVERESK (?)	320000	660000							
71724	BORDER – CRAWFORD – INVERESK (?)	330000	660000							
71728	BORDER – CRAWFORD – INVERESK (?)	330000	670000							
71766	'DERE STREET', DUN LAW	345500	657360							
71812	EDINBURGH, CRAIGLOCKHART	322000	670000						X	
71815	ELGINHAUGH	332070	667330						X	
71903	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	340000	660000							
71904	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	330000	660000							
71905	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	337560	665000							
71906	'DERE STREET': BORDER – NEWSTEAD – ELGINHAUGH	328000	670000							
72047	BOGHALL	324550	665050		X					
72225	CRAIGLOCKHART – CASTLE GREG – CASTLEDYKES	314990	666600							
72227	CRAIGLOCKHART – CASTLE GREG – CASTLEDYKES	319990	669180							
72228	CRAIGLOCKHART – CASTLE GREG – CASTLEDYKES	323180	670470							
72229	CRAIGLOCKHART – CASTLE GREG – CASTLEDYKES	321790	669990							
72538	NEWBATTLE, LAMB'S NURSERY	333170	666300					X		
72750	NEWMAINS HOUSE	351600	678700							
72757	WHITBURGH HOUSE	342400	662800					X		
72796	BEGBIE	349600	671200							
73196	ESKFIELD	336100	671100					X		
73197	BARBACHLAW	336100	671600					X		X
73198	WEST BANK	343600	671700					X		
73199	BALLENCRIEFF COTTAGES	348200	678500							
73200	NEW MAINS	350100	681300					X		
73205	MUNGOSWELLS	349900	678900					X		
73218	MEADOWMILL	340200	674200					X		

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
73231	CROOKSTON	336200	670500					X		
73232	BUXLEY	341600	671000					X		
73235	MILTON MILL	345600	666800							
73236	MILTON MILL	345600	666800					X		
73240	FALA DAM	342700	661700							
73678	ROSEBANK COTTAGES	327860	663060							
73894	HOPEFIELD	330600	664600							
74095	EDINBURGH CASTLE	325100	673500			X		X		
74255	NEWFARM	334700	668700							
74679	EDINBURGH PARK	317800	672000					X		
74806	CARNETHY HILL	320760	662240							
75750	NEWBATTLE, LAMB`S NURSERY	333180	666300					X		
75993	INVERESK	334200	672000			X				
76063	MACMERRY	343600	672900							
76211	TURNHOUSE HILL	321270	662660							
77171	DREM	350200	679400					X		X
77172	DREM	351400	679600							
77519	NEWMAINS HOUSE	351600	678600							
77640	INVERESK	335600	671900							
78463	EDINBURGH, CRAMOND INN, CAR PARK	318970	677050			X				
78465	EDINBURGH, DALMENY HOUSE	317100	678200			X				
78466	CRAMOND	319000	677000			X				
78469	SWANSTON	323500	666500							
78470	EDINBURGH, 32 SPYLAW BANK ROAD	321200	669200							
78484	EDINBURGH, CRAIGENTINNY	329200	675100							
78485	EDINBURGH, CRAIGHALL BANK	325500	676500							
81194	STELL PLANTATION	327270	654360					X		
81195	TOXSIDE	327700	654250					X		
81196	TOXSIDEHILL WOOD	328150	654770							
81199	SALTERFORD	327470	655050							
81317	HARLAW RESERVOIR	317000	664000							
81320	CRAMOND	318990	676970			X				
81321	CRAMOND HARBOUR	318880	676920			X				
81352	RODDINGLAW	315930	671030							
81386	EDINBURGH, CORSTORPHINE HILL	320600	674200							
81405	OUTERSTON	333090	657630							
81406	TEMPLE FARM	332660	658360							
81408	OUTERSTON	332780	657750							
81418	OUTERSTON	333100	657200							
81419	HALKERSTON	334520	659370							
81489	CAMP HILL	319180	659730							
81552	LIVINGSTON'S FIELD LOWER, INVERESK	333900	671900			X				
81563	LONGNIDDRY	344000	679000			X				
81564	GULLANE	348100	683800							
82008	WEST GARLETON	349000	675700							
82009	MUNGOSWELLS	349800	679200							
82013	FALA HALL	344400	662300					X		
82077	NEWTON	333000	668800					X		
82086	CASTLESTEADS PARK	334100	669500							
82088	CASTLESTEADS	333800	669700					X	X	
82092	MONKTON LODGE	334010	670270							
82098	BARBACHLAW	336200	671700					X		X
82099	PINKIE MAINS	335800	672600							
82100	WESTFIELD	350000	671400					X		
82101	WESTFIELD	350000	671400					X		
82102	WESTFIELD	350100	671300					X		

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
82103	WESTFIELD	350200	671300							
82104	CLERKINGTON MAINS	350200	671900							
82105	ABBEYMILL FARM	353600	674700							
82109	OLD DUNCRAHILL	345600	665900					X		
82324	GREEN HILL	349200	660600							
83095	THE MURRAYS	340900	666200					X		
83667	MELVILLE NURSERIES	331050	667500							
83704	FALA HALL	344900	662200					X		
83960	WINDY MAINS	344000	663500							
83961	WINDY MAINS	343200	663500							
83963	WINDY MAINS	344200	663800							
83965	WINDY MAINS	344000	663800							
83967	WINDY MAINS	344200	663700							
83968	BLEGBIE	347600	661500							
83969	KEITH HILL	347800	661100					X		
83970	GREENLAW FARM COTTAGE	349300	667900					X		
83971	EAST MAINS	348300	668700							
83986	PILMUIR OLD MANSE	348620	669110					X		
83987	LEEHOUSES	350030	664490					X		
83999	OXENFOORD MAINS	339700	667900					X		
84000	WHITBURGH MAINS	340900	663400							
84001	WHITBURGH HOUSE	341600	663300							
84822	OXENFOORD MAINS	339000	667100					X	X	
84824	WINTON SMITHY COTTAGE	343000	670700					X		
85673	GOWKLEY MOSS	326200	663600					X		
86581	KINGSLAW	341700	672500							
88062	HADDINGTON, 45 ARTILLERY PARK	351710	674390							
88983	CURRIEVALE	316840	668220					X		
88984	WADINGBURN	329200	665900					X		
89925	COCKDURNO	315690	664450							
90067	CARLAVEROCK FARM	340600	671200					X		
90562	LITTLE LAW	345100	660400							
90573	THE MURRAYS	340910	666400							
90574	ORMISTON HALL	341910	668140							
91689	HARPERDEAN	350600	674600					X		
91690	ABBEY MAINS	353100	675400					X		
91701	WALLYFORD	337200	672100					X		
91702	HARPERDEAN	350400	674400					X		
93456	WADINGBURN	329700	666200					X		
93502	BROWN DOD	349800	662100							
96424	DALVRECK	350900	677900					X		
97338	'MIDLOTHIAN'	320000	660000							
97340	EDINBURGH	325000	670000							
97341	EDINBURGH	325000	670000							
97345	'EAST LOTHIAN'	350000	670000							
97350	'EAST LOTHIAN'	350000	670000							
97379	LEITH, EDINBURGH	326000	676000							
97380	CRANSTON	338000	666000							
97412	EAST LOTHIAN	350000	670000							
98262	ELPHINSTONE TOWER	338770	669910					X		
98753	SOUTRA	345200	658700				X			
98756	HADDINGTON	351000	674000							
98758	MARINE VILLA, ARCHERFIELD	350000	684000							
101303	A1 TRANENT – HADDINGTON	345200	673400							
101343	HARPERDEAN	351300	674700					X		
105505	TODHILLS	331180	668590							
105599	OXENFOORD MAINS	338950	666750							
109489	INVERESK GATE	334600	671900							

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
110549	LENNOXLOVE	351600	671700							
110564	EDINBURGH, HOLYROOD PARK, DUNSAPIE	328183.368	673122.896							
110949	DUN LAW	347100	656900				X			
113060	EDINBURGH, CRAMOND ISLAND	319570	678400					X		
113096	EDINBURGH, CRAMOND ISLAND	319700	678500					X		
115375	INVERESK, WEDDERBURN HOUSE	334800	671400							
115377	MUSSELBURGH, PARK LANE	335000	672200							
115385	OLD WANSIDE	350000	661300							
119007	EDINBURGH, CRAMOND ROMAN FORT	318940	676730			X				
124752	INVERESK	335500	671930							
124824	CARLAVEROCK FARM	341010	671150							
124825	CARLAVEROCK FARM	340800	671110							
124839	REDHOUSE	345940	677740					X		
124844	REDHOUSES	346100	677100					X		
124975	WEST FENTON	349750	681550					X		
125237	FENTON BARNS	351500	681400							
127619	THE MURRAYS	341300	665700					X		
127621	WOLFSTAR	342140	668530							
127622	MILTON	345700	666900							
128074	WINTON WEST MAINS	343000	669600							
129708	LIONS LODGE	339380	665220							
129711	LIONS LODGE	339570	665060							
130021	HOPRIG	345200	674300							
130022	SETONHILL COTTAGES	346000	675800					X		
130024	SETONHILLS COTTAGES	346100	675800					X		
130025	WHEATHILL	346300	676300							
130055	BALLENCREIFF COTTAGES	348100	678200					X		
130147	MUIRTON	351400	680400					X		
130164	BALLENCRIEFF COTTAGES	348200	678300					X		X
130171	DREM	351500	679600					X		X
130176	NEWMAINS HOUSE	351500	679000					X		
130403	DREM	350100	679300							
130404	DREM	350200	679300					X		
130410	DREM	350400	679400					X		
130889	CRAMOND, 93 WHITEHOUSE ROAD	318590	676100							
130903	PATHHEAD	339000	663400							
130904	MEIKLE LAW	345650	660900							
133091	EDINBURGH, CORSTORPHINE HILL	320700	673800			X				
133121	AIKENDEAN	332100	661600							
133217	CASTLE STEADS	334300	669100							
133481	STRAITON	327250	666000					X	X	X
133575	PENSTON	344100	672100							
133578	PENSTON	344500	671600							
133611	DREM	350500	680600							
134157	BLEGBIE	347900	662200					X		
134183	ASHLEY	315100	671500							
134363	BLEGBIE	347700	662200							
135905	HUNTERSHALL	347110	658450					X		
135907	CARFRAE COMMON	347560	658200							
140152	CRAMOND KIRK HALL	319080	676840	X						
141987	CASTLESTEADS PARK	334220	669800							
142127	MUNGOSWELLS	349690	679240					X		X
142148	NEWMAINS	351400	678500							
142719	MUSSELBURGH	334000	673000							
143088	MORRISON'S HAVEN	337700	673200					X		X

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
143239	SOUTH LODGE	338000	673200					X		X
144766	BEGBIE	348990	670080					X		X
144767	BEGBIE	348950	670440							
144780	CRAIGIEHALL	316420	675650							
145077	ELPHINSTONE	339350	669650					X		
145090	DODRIDGE	341700	665800							
145095	OLD CRAIGHALL	333480	670770							
145375	BANKTON	339530	673770							
145378	RIGLEY HILL	338350	673260					X	X	X
147145	NEWTON	332900	668900							
147167	EDGELAW RESERVOIR	329900	658400							
147300	VOGRIE GRANGE	337430	663110					X		X
147306	MIDDLETON QUARRY	335310	657850					X	X	
147315	SHOESTANES	339420	654740					X	X	
148551	GREEN DRIVE WOOD	337680	665950					X		X
148848	LINN DEAN WATER	346930	659450							
148855	LINN DEAN WATER	346790	659730							
150050	WOODCOTE	344780	660570					X	X	
150059	WOODCOTE	344680	660130					X		X
150625	TEMPLEHALL	342410	666970					X		
150626	TEMPLEHALL	342540	666900					X		X
150633	THE CHESTERS, DREM	350980	678830							
154608	SETON MAINS	342420	675140					X		X
157208	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327630	672980							
157236	EDINBURGH, HOLYROOD PARK, WHINNY HILL	327970	673320							
157237	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327870	673060					X	X	
157239	EDINBURGH, HOLYROOD PARK, HAGGIS KNOWE	327250	673700							
157246	EDINBURGH, HOLYROOD PARK, WHINNY HILL	328150	673290							
157267	EDINBURGH, HOLYROOD PARK, HUNTER'S BOG	327330	673190							
157271	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327670	672930					X	X	
157276	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327500	672900							
157287	EDINBURGH, HOLYROOD PARK, MUSCHET'S CAIRN	327730	674060							
157292	EDINBURGH, HOLYROOD PARK, DUNSAPIE CRAIG	328293	673447							
157300	EDINBURGH, HOLYROOD PARK, POWDERHOUSE CORNER	327300	672800					X	X	
157302	EDINBURGH, HOLYROOD PARK, HUNTER'S BOG	327200	673280							
157305	EDINBURGH, HOLYROOD PARK, LONG ROW	327600	673200							
158639	DALKEITH POLICIES, DEANHEAD PARK	332900	668300							
158640	DALKEITH POLICIES, WESTGATE PARK	332700	668000							
158641	DALKEITH POLICIES, WESTGATE PARK	332820	667940							
159096	INVERESK, ST MICHAEL'S HOUSE	334310	672010							
159323	PENTLAND GROVE	325500	665140							
159485	HAUGH WOOD	343960	662640					X		X
159514	HAUGH WOOD	344200	662650					X	X	

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
159684	KAIM PLANTATION	331610	669280					X		
159685	HOPE COTTAGE	332030	669610					X		
159690	NEWTON	333070	669060							
159769	SCARLETT PARK	336300	672260					X		
159773	MORRISON'S HAVEN	337800	672900							
159788	DOLPHINGSTONE	338100	672710							
159815	LONGNIDDRY DEAN	343110	675910					X		
159816	LONGNIDDRY DEAN	343200	675800							
159819	SETON MAINS	343000	675600							
159822	SETON CHAPEL	341800	675200							
159827	LUFFNESS MAINS	347900	679700					X		
160153	MALLENY RIFLE RANGE	319500	665500							
160508	TORPHIN GOLF COURSE	320200	667400							
163724	CARRINGTON	331700	660700					X	X	
163767	GREAT LAW	331240	657930					X	X	
163792	CROW WOOD	333700	658900							
164425	MUIRPARK COTTAGE	345360	662150							
165968	ABERLADY	346000	680000			X				
165976	HADDINGTON, ABBEY MAINS	353600	675100							
166237	PINKIE MAINS	335710	672540					X		
166277	CRICHTON HOUSE	340050	662100					X		
166278	COSTERTON MAINS	343480	662500					X		
166282	HAUGH WOOD	344060	662600							
166513	SMEATON LODGE	334790	669450							
167341	CAULDSHIEL	349150	666000					X		
168492	EDINBURGH, ARTHUR'S SEAT	327800	673000							
169580	INVERESK	334700	672150			X				
171097	GOGAR	316850	672710					X		X
173989	BRUNSTANE	332130	672440					X		
174009	MUIRPARK STEADING	341800	672100							
179928	HADDINGTON HOUSE, GARDEN	351790	673660							
181405	BOGHALL BURN	323810	665470					X		
181520	ARMET WATER	345360	656770					X		
182426	LONGNIDDRY, EVERGREEN HOUSE	344180	677010							
183602	INVERESK GATE, INVERESK	334400	671900							
183716	CRAMOND CAMPUS	319350	676520			X				
183719	CRAMOND FERRY	318900	677020			X				
184469	FALA DAM	342910	661800							
185564	PENICUIK, BROOMHILL	322900	659700							
187478	MARLDENE	341830	662300					X		X
202777	BRAIDWOOD	331280	658850							
205941	JUNIPERLEA	344480	660570					X		
211497	MUNGOSWELLS	349760	678370					X		
211498	VIEWMONT	349080	677850							
213282	INVERESK, ROWAN COTTAGE	334579	672107			X				
213348	PRESTONPANS, EDINBURGH ROAD	338450	673550			X				
213422	EDINBURGH, CORSTORPHINE HILL	320600	674300							
215230	LITTLE LAW	345700	660900							
215247	DALKEITH, MELVILLE GATE ROAD	331900	667400							
217089	FALA DAM BRAE	342900	661230					X		
225877	WESTFIELD	335210	670970					X		
236599	MUSSELBURGH, 11 INVERESK VILLAGE ROAD	334850	672080		X	X				
240000	CAMPTOUN HOUSE	350100	677400							
240005	WALLYFORD, BARBACHLAW FARM	336300	671800					X		X

NUMLINK	NMRSNAME	northing	easting	Roman Fort	Roman Camp	Roman Find	Roman Coin	enclosure	rectilinear enclosure	circular enclosure
240181	EDINBURGH, HOLYROOD PARK, ARTHUR'S SEAT	327400	672700							
240839	LANGLAW	336600	666400							
241265	SOUTHFIELD	344050	674560					X		
244736	PRESTONPANS, WEST LOAN	339000	674100							
245398	SEATON LAW	353400	676800							
247563	CAMPEND	331800	668200							
249651	INVERESK	334800	670830							
249663	INVERESK	334650	671030							
250323	OLD CRAIGHALL	334100	670650					X		

Appendix XI Gazetteer for the Dumfries study area

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	nig	crannog
85889	SPARROW SIKE	317510	597040						X		X		
67231	'STONE RINGS' , RENNALDBURN	326020	597140						X		X		
67232	'LOUPIN STANES', HARTMANOR	325700	596630										
67234	'GIRDLE STANES', COTE	325350	596120										
67235	BESSIE'S HILL	325040	595400						X		X		
67239	RENNALD BURN	327000	596600						X	X	X		
67240	ALLANGILL BURN	326880	595280						X				
67242	ESKDALEMUIR	325000	596000										
67246	ESKDALEMUIR, 'STONE AVENUE'	325400	596200										
67248	ESKDALEMUIR MANSE	325310	597150										
67249	BANKHEAD	325070	596560						X				
67262	RENNALD BURN	326250	596890						X				
67269	HOG HILL	328370	595260						X				
70091	CASTLE O'ER FOREST, ALLANGILLFOOT	326000	595280										
70092	ESKDALEMUIR	325000	597000										
70093	ESKDALEMUIR	325000	597000										
70094	ESKDALEMUIR	325000	597000										
97639	COTE	325520	595750						X				
97642	RAFTREE GRAIN	327030	596800						X				
97643	RENNALD BURN	326380	596740						X				
67297	WATCARRICK	323980	596500										
67298	WATCARRICK, STEELMAN'S CRAIG	324760	595850						X		X		
67299	BESSIE'S HILL	324900	595540						X	X			
67300	CASTLEHILL	324600	594980						X		X		
67288	CRAIK KNOWES	323970	597250										
67289	WATCARRICK	324720	596050						X				
67294	KILBURN	320000	596000										
71987	TORWOOD - RAEBURNFOOT - NEWSTEAD	322490	595000										
66918	WOODEND	310530	595160						X		X		
66919	DUNDORAN	312650	597470						X		X		
66920	LEITHENHALL	313130	596900						X		X		
66921	LEITHENHALL	313180	597310						X		X		
66901	KIRKHILL	313960	595920										
66902	CASTLE KNOWE	312490	595140						X		X		
66903	WAMPHRAY PARISH	310000	590000										
66906	WOODEND	310180	595000						X		X		
66912	BROOMHILLS	311090	596140										
71636	BORDER - CRAWFORD - INVERESK (?)	311130	595000										
74405	KIRK BURN	313200	595740										
74406	KIRK BURN	313200	595800										
74407	KIRK BURN	313230	595800										
74408	KIRK BURN	313240	595830										
74786	KIRKHILL	313740	596510										
74790	WAMPHRAYGATE	312100	596000										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	nq	crannog
85883	WESTERN GILL	314340	597200										
85884	STOBIE'S SLACK	313960	595060										
85885	BACK BURN	313460	595070										
85888	KIRKHILL	313000	595000									X	
89727	PUMPLABURN	311860	596440										
89927	CASTLE KNOWE	312330	595270						X		X		
89928	TRINLEN COTTAGE	311900	595100										
94521	LOCHWOOD MAINS	310010	596530						X		X		
123121	COGRIE	310910	597110										
66359	LOCHWOOD MAINS	309850	596380						X		X		
65857	CULLIVAIT	299400	581400										
89932	REDKIRK	329830	565690						X		X		
159590	NUTBERRY MOSS	325600	567600										
66994	THREE PIKED STANE	321700	567870										
65722	LOCHBANK	299600	573550		X								
65725	CAMP HILL, TROHOUGHTON	299630	572690						X				
65678	TROHOUGHTON	299900	572300										
65697	CAMP HILL, TROHOUGHTON	299600	572600										
77839	TROHOUGHTON	299800	572700										
65579	DUMFRIESSHIRE	299000	577000				X						
65580	DUMFRIES	299000	575000				X						
65536	DUMFRIES MUSEUM	299000	579000										
73266	DALSWINTON - CAERLAVEROCK	299000	575000										
65819	LOCHARBRIGGS STATION	299330	580350										
65820	QUARRY HILL	299100	580800										
65822	LOCHARBRIGGS	299000	580000										
65825	LOCHARBRIGGS	299000	580000										
65828	BURNTSCARTH GREEN FARM	298980	580180										
65841	LOCHARBRIGGS	299400	580000										
65878	TINWALD	299800	581100										
65882	AMISFIELD TOWER	299640	583950		X								
72017	TORWOOD - DALSWINTON - CRAWFORD	299990	584200										
78523	BLAIRHALL BURN	299990	584780										
78524	BLAIRHALL BURN	299940	584720										
78525	BLAIRHALL BURN	299900	584660										
78526	BLAIRHALL BURN	299850	584640										
78527	BLAIRHALL BURN	299800	584600										
78528	BLAIRHALL BURN	299700	584700										
83713	BLAIRHALL BURN	299730	584760										
83714	BLAIRHALL BURN	299740	584720										
83715	BLAIRHALL BURN	299750	584720										
66612	NEWBIE MAINS	317170	564690										
66600	NEWBIE MAINS	317000	564000										
66094	GREENMILL BURN	301400	569700						X				
76222	WOODLANDS	302600	567100						X				
66639	NEWFIELD	317600	576800										
66640	HAREGILLS	318500	577800										
66632	GIMMENBIE MAINS	316400	577900						X		X		
66633	BURNSWARK	318400	578200										
66614	BORDER - CRAWFORD - INVERESK (?)	319990	577120										
81190	BURNSWARK	318000	578000										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	nq	crannog
69502	BAR HILL	315220	575420						X	X			
76188	ECCLEFECHAN - DINWOODIE GREEN	310000	570000										
85703	BURNSWARK	317770	578890										
85704	BURNSWARK	317540	578810										
81191	COWDENS	316450	577440										
88326	TOD KNOWE	307090	576170										
66134	GARS HILL, WEST ROUCAN	302580	578630						X		X		
66145	COLLIN	302800	575800										
97553	PYATSHAWS RIG	321300	583850									X	
97554	CARRUTHERS FELL	324320	581250										
97555	ALTON HILL	324740	584400									X	
97556	CRAWTHAT HILL	324600	583600									X	
97557	CRAWTHAT HILL	324530	583870										
97559	NEWHALL HILL	323000	583000									X	
97560	NEWHALL HILL	323600	583930									X	
97561	NEWHALL HILL	323830	584000									X	
97562	NEWHALL HILL	323780	583820									X	
97563	NEWHALL HILL	323780	583620									X	
97564	CARRUTHERS FELL	324230	581250									X	
97565	CARRUTHERS FELL	324550	581580									X	
97566	BLACKCLEUCHEDGE MOSS	322050	581280									X	
87375	BIRRENS HILL	324500	580890									X	
66259	PARKGATE	302200	588200										
66260	NETHERMILL	304380	587780						X		X		
66263	MURDER LOCH	303110	585380		X								
66245	TRAILFLAT	304880	585010			X							
66246	KIRKMICHAEL MAINS COTTAGES	301500	587640								X		
66601	NEWBIE MAINS	317000	564000										
66602	NEWBIE MAINS	317000	564790										
66603	ANNAN ESTUARY	319000	564000										
135273	NEWBIE	317000	564800										
67458	PLUMP	333300	568200								X		
67473	GRETNA	331560	567130										
67474	DOUGLAS FARM	330700	568900										
67475	GRETNA	332000	567000										
67425	GRETNA, THE GREEN	331900	568050										
67426	GRAINHEAD FARM, GRETNA GREEN	331000	568000										
67428	REDKIRK POINT	330200	565000										
67431	GRETNA	331000	567000										
67433	DOUGLAS FARM	330310	568890						X		X		
67434	FLOSHEND	330820	568070						X	X			
67436	RIGFOOT	330140	566630						X		X		
67437	NEWHOUSE	330430	567080						X		X		
67440	GRETNA HILL	332640	567440						X				
67441	LOCHMABEN STONE	331230	566000										
67442	WHINNYRIG	331000	569300										
67444	OLD GRAITNEY	331200	566100										
67447	WHINNYRIG	331250	569310						X	X			
67461	STONEHOUSE	330400	567670						X	X			
67463	REDKIRK POINT	330200	565000										
71590	BORDER - CRAWFORD - INVERESK (?)	333150	568160										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	cranno
86388	GRETNA, RIVER SARK	332000	566000					X					
66974	MOSSKNOWE	327830	569480										
66985	MOSSKNOWE	328060	569260										
66987	MOSSKNOWE	327940	569090										
66989	CALVERTSHOLM	328170	569000						X				
66990	HILLHEAD	327170	569100						X		X		
66993	WESTHILLS FARM	327220	565550				X						
66976	WESTHILLS FARM	327200	565400										
66977	'BELTON MOUND', KIRKPATRICK FLEMING	327000	569000										
66978	RIGMOOR	328300	566900										
66981	BROATS	325220	569280						X	X			
66983	MOSSKNOWE	328620	569500										
66986	WOODFIELD	326780	566310						X	X			
71593	BORDER - CRAWFORD - INVERESK (?)	329990	569320										
74798	WOODFIELD	326810	566190						X		X		
95201	BROATHILL	326000	569000										
86393	NUTBERRY MOSS	326150	567450				X						
67005	SWORD WELL	321870	566580										
67013	STAPLETON ROAD, ANNAN	320200	566900										
67014	DORNOCK MAINS	322410	565930						X		X		
66995	HECKLEGIRTH	320400	566100						X	X			
66996	BECKFOOT	321700	565600										
66997	WOODHEAD	322200	567700						X		X		
67004	DORNOCK	323820	565970						X	X			
67006	WOODHEAD COTTAGE	322400	568100						X	X			
66425	BLACKETLEES	318740	568720						X	X			
66468	ANNAN, BRUCE'S WELL	319420	567540										
66512	HILLSIDE	319250	565470			X							
66523	ANNAN	319400	566700										
66534	CHARLESFIELD	315800	568900										
66545	ANNAN	319000	566000										
66426	MILNFIELD	318500	566200										
66437	ANNAN	319000	566000										
66448	ANNAN	319000	566000										
66457	ANNAN	319000	566000										
66462	ANNAN, HIGH STREET	319300	566500										
66463	CORRIEKNOWES	317800	567800										
66464	ANNAN, BUTTS STREET	319400	566700					X					
66471	ANNANFOOT	318020	565260			X							
66472	CHARLESFIELD	315100	569200						X				
66473	HAYKNOWES	317240	565550						X		X		
66474	JUSTENLEES	316800	567500										
66475	ANNAN, ST COLUMBA'S CHURCH	319940	566450										
66481	BLACKETLEES	319000	568700										
66482	CHARLESFIELD	316000	569300						X				
66483	BLACKETLEES	319000	568900						X				
66484	OUTERFORD	316500	569000										
66485	HAYKNOWES	317900	565700			X							
66486	SPITTALRIDDING HILL	318200	568700						X				
66742	UPPER BROCKLERIGG	314440	573730						X		X		
66743	BRAEHILL	311900	571000						X		X		

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
66744	BRAEHILL	311950	571110						X				
90475	SCOUT WOOD	330090	577620										
90476	ALLAN'S SIKE	330280	577840										
85873	BLACK RIG	316670	586870										
85874	BLACK RIG	316740	586940						X		X		
85877	GILLENBIE HOPE	316600	586000										
85878	CLEUCH BURN	319370	589980										
85879	SHIELSTEAD HILL	316100	588100									X	
89715	CORSE HILL	317520	589450										
89717	HEITHAT	319800	588800										
89716	WYNHOLM	319770	587660										
89718	WYNHOLM	319570	587780						X				
89719	CARTERTON HILL	319140	589810						X		X		
89720	CLEUCH BURN	319720	589930						X	X			
89721	MIRRENHILL COTTAGES	319900	587250						X		X		
89722	BALGRAYHILL	316100	587200						X	X			
89723	CARTERTON HILL	319380	589780						X	X	X		
89724	STOBOHILL COTTAGE	318750	588540						X	X			
66445	WARMANBIE	319500	568900										
66447	WINTERSHEUGH	315370	569640						X	X			
66449	ANNANFOOT	317700	565200										
66450	ANNANFOOT	317500	565900										
66451	HAYKNOWES	317390	565720						X		X		
66452	HAYKNOWES	317400	565700										
66453	HAYKNOWES	317590	565720						X	X			
66454	CROFTHEADS	317500	566200										
66455	DAMHEAD BRIDGE	318200	566500										
66456	SPITTALRIDDINGHILL	318400	568000										
68248	HAYKNOWES	318000	565500										
66461	HAYKNOWES	317500	565500										
76213	BARRASGATE	316010	566680										
81141	ANNAN	319000	566000										
83577	BLACKETLEES	318900	568700										
90546	JUSTENLEES	317020	567870						X		X		
86391	HILLEND, ANNAN	318900	565500										
67321	GEORGEFIELD	329950	591640										
67322	BILLHOLM	327530	592230						X		X		
67323	DORNIE GILL	329700	594470						X				
67324	EFFGILL HILL	329870	594270						X	X			
67326	HARPERWHAT	328100	591000						X		X		
67327	MID KNOCK	329400	590500										
67328	MILLGILL FOOT	329480	591120						X				
67329	MID KNOCK	329520	590770						X				
67330	LYNEHOLM	327610	591450						X				
67331	KNOCK SIKE	329700	590530						X		X		
67332	DORNIE GILL	329700	594540						X		X		
114347	COW BURN	321900	590200										
179345	BLACK BURN	323690	594260						X				
66930	PEAT HILL	317830	593990						X				
66931	BORELAND OF DRYFE	317480	592220						X	X			
66932	SHAW	315680	591740						X	X			
66933	FENTON HEIGHTS	319280	592640						X		X		

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	nia	crannog
66567	POWFOOT	313600	565800						X		X		
66578	BRANTHAT PLANTATION	312150	567770						X		X		
66593	COCKLICKS	311570	569650										
66594	CUMMERTREES	314000	566000										
66560	PRIESTSIDE	310000	566000				X						
66561	HURKLEDALE	312950	566410						X		X		
66562	HOWGARTH	314900	566130						X		X		
66563	RUTHWELL	310200	567700			X							
66564	SUMMERSFIELD	311000	567800										
66565	GREENHILL	310600	567200										
66568	HURKLEDALE	312400	566400										
66582	HURKLEDALE	312900	566100										
66583	RUTHWELL	310100	568100						X				
66590	RUTHWELL, GLEBE FIELD	310000	568300				X		X				
90547	CUMMERTREES	314560	566130										
90548	BLACK HILL	311800	566900										
110925	CUMMERTREES	314620	566370										
128595	GREENHILL	310000	567000										
128596	GUELDER BANK	311000	567000						X		X		
128597	SUMMERFIELD	311000	567000			X							
128598	HORSECLOSE	311000	567000						X		X		
132029	BOGLE DEN	311300	569300										
66068	COMLONGON	307370	568750						X		X		
66069	BROW WELL	308500	567500										
66070	COMLONGON	308260	568930						X				
66059	COMLONGON MAINS	307520	569580						X				
66060	COMLONGON MAINS	307510	569650						X				
66061	COMLONGON CASTLE	307000	568000										
66062	COMLONGON CASTLE	307000	568000										
68249	LONGBRIDGEMUIR	306500	569600						X				
81921	RUTHWELL	307000	569000										
81922	RUTHWELL	307000	569000										
66080	LOCHAR MOSS	303000	568000										
67555	RAEBURNFOOT	330470	571330						X	X			
67556	SOUTH WOODFOOT	330370	571950						X				
67557	MILLIGANSBUSH	331450	571250						X	X			
67558	SOUTH WOODFOOT	331290	572200						X		X		
67559	SOUTH WOODFOOT	331180	572200						X	X			
67560	STONEYLEA	331060	572600						X	X			
67561	CADGILL	331700	574590										
75035	SOUTH WOODFOOT	331180	572360						X				
75076	MILLIGANSBUSH	331200	570950						X				
67108	SPRINGKELL	326020	574800						X		X		
67119	REDSTONES BURN	325800	574460						X				
67134	WEST BELTONMONT	326280	570240										
67135	KIRKPATRICK-FLEMING	328060	570200			X	X						
67137	BELTONMONT	325000	570000										
67109	BLACKYETT	325270	571080										
67110	KIRKPATRICK-FLEMING	326950	570510										
67111	HAYFIELD	328300	571400										
67112	RAEBURNHEAD	328780	571200					X					
67113	COVE	326500	570400										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	nia	crannog
67115	HAYFIELD	328290	571280										
67116	FAULDINGCLEUCH	327070	571890						X	X			
67126	WOODHOUSE MAINS COTTAGE	325440	571510										
71595	BORDER - CRAWFORD - INVERESK (?)	328560	570000										
76409	KIRKPATRICK-FLEMING	327700	570300										
157437	HAYFIELD	328400	571300										
67149	BROADLEA	321780	574810			X							
67155	BROADLEA	321990	574660			X							
67156	BROADLEA	322460	574460	X									
84077	ROBGILL TOWER, WELL	324810	571700										
67161	ROBGILL MAINS	324720	571090										
67162	CAIRN OF CRECA	322780	570080										
67139	ROBGILL	324000	571000										
67140	ROBGILL	324720	571700						X				
67142	JOHNSTONLEE	321500	570600										
67148	BROADLEA	321930	574640										
67150	PENNERSAUGHS	321970	573940						X	X			
67151	BROADLEA	321900	574600						X	X			
71596	BORDER - CRAWFORD - INVERESK (?)	324990	572140										
89931	BROADLEA	322200	574400										
179414	BROWNMOOR WOOD	320330	572450						X				
76189	HODDOM, OLD PARISH CHURCH	316600	572600				X						
66715	WOODCOCK AIR	317050	571900						X				
68530	BRYDEKIRK, ST BRYDE'S WELL	318460	571410										
66672	FAIRY KNOWE	319940	574520										
66676	ECCLEFECHAN	319000	574000					X					
66677	ECCLEFECHAN	319000	574000										
66678	HALLGUARDS	316200	572800				X						
66679	HODDOMTOWN	317500	574500						X	X			
111838	HODDOM PARISH CHURCH	317800	573500				X						
66684	ECCLEFECHAN	318880	574840						X	X			
66686	MAINHOLM	315500	573500										
66687	HARTOPS PLANTATION	316820	573570						X		X		
66688	HARTOPS PLANTATION	316570	573440										
66690	BUCKIE COTTAGE	316600	573170						X		X		
66691	WOODCOCK AIR	316600	571900										
66692	WHINS	319800	573000						X	X			
66707	ANNANDALE	310000	570000				X						
66708	BUCKIEBANK PLANTATION	315980	573800						X				
66709	BUCKIE COTTAGE	316150	573740										
66710	TRAILTROW COTTAGE	315100	571900						X	X			
66711	TRAILTROW COTTAGE	315100	572200										
66712	KNOCKHILL SUMMERHOUSE	316600	574000				X						
66713	MEINFOOT COTTAGE	318470	573320						X	X			
66718	ANNANDALE	310000	570000										
69504	HODDOM	316800	572800										
69503	HODDOM	316950	572880						X		X		
81925	ECCLEFECHAN	319000	574000										
81926	ANNANDALE	310000	570000										
90544	HODDOMTOWN	317280	573780										
90542	ECCLEFECHAN	319000	574600										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	nq	crannog
242073	BUCKIEBANK PLANTATION	315900	573870						X				
66735	DALTON	311700	573900						X				
66749	MOSS CASTLE	312610	572340						X		X		
66750	SORRYSIKE MOOR	313500	574400										
66752	DALTON, 'MARKET CROSS'	311450	574030										
66753	BROCKLERIGG	314500	573300										
66754	DALTON	311500	574000										
66725	SORRYSIKE MOOR	313570	573850						X		X		
66173	BURNHILL	305780	573120						X				
66186	MOUSWALD, ST PETER'S WELL	306210	572670										
66191	GREENBANK	305770	574660										
66192	BENT MOTE	307440	570140										
66193	PANTETH HILL	307670	571780						X		X		
66195	WEST DENBIE	308480	573130										
66196	TRYAL CAIRN	308070	573400										
66163	HETLAND	308820	572400						X		X		
66165	CLEUGHBRAE	306550	574030					X					
66166	MOUSWALD	306000	573000										
66167	CALFPARK	306000	573400										
66168	KIRKHILL	308900	574800										
66169	MOUSWALD PLACE	306100	573800										
66170	THE THRUSHWOOD	307170	573680						X	X			
66171	MOUSWALD MANSE	306060	572700						X				
66174	CLEUGHBRAE	306500	573900										
66176	HOLMHEAD	305700	571600						X				
66187	BROADGATE	306380	571720						X				
66188	BROADGATE	306630	571160										
66189	TOWNHEAD	306500	572950										
66190	LOW PLANTATION	307300	572500						X				
69505	BROADGATE	306400	571350						X				
76215	SLETHAT	308540	570470						X			X	
76216	SLETHAT	308450	570400										
66208	BUSH OF CRAIGS	301310	571640						X				
66211	BAILIE KNOWE	301540	570480						X		X		
66217	LOCHAR MOSS	303800	571700										
66198	LOCHAR MOSS	303800	571700										
66200	LOCHAR MOSS	303800	571700										
66204	DRUMMUIR	304200	574200										
66206	LOCHAR MOSS	303800	571600										
66209	BOGSIDE WOOD, BOGHEAD	304600	574400						X		X		
66210	KELWOOD	301200	570700						X				
73269	DALSWINTON - CAERLAVEROCK	301000	570000										
67529	LOOPHILL	337000	577600				X						
67491	CANONBIE	330000	570000										
67492	NETHER MUMBIE	338050	579750						X		X		
67493	EVERTOWN	335000	576000										
67494	HOLEHOUSE	338000	578000										
81964	GLENZIER BURN	335000	575000										
183461	CANONBIE, BROADMEADOWS	338000	576000										
67535	MACRIEHOLM KNOWE	333230	579150						X		X		
90353	BLOUGH SIKE	332060	579450						X				
90355	LEAHEADS WOOD	331670	578900										X

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
90356	MARCH COTTAGE	333500	578000									X	
90357	MARCH COTTAGE	334000	578200									X	
90359	HAWKNESTRIG	333700	577000									X	
179427	ALLFORNOUGHT HILL	330030	578250						X	X			
179408	LEAHEADS WOOD	331650	578970						X	X			
67062	SPRINGKELL	325000	575000				X						
67056	KIRTLE WATER	326910	578630						X		X		
96323	BRANTETH	328000	575000										
179426	CHAPELHILL	328930	578930						X				
67066	STOCKBRIDGEHILL	320790	579950						X	X			
67077	PURDOMSTONE	321260	577250						X	X			
67088	MIDDLEBIE HILL	320800	576400			X							
67099	BIRRENS	321900	575100	X									
112355	BIRRENS	321900	575100										
135803	BIRRENS	321800	575300										
67103	BIRRENS	322450	575020			X							
67106	TEMPLEHILL	324720	577550										
67067	DOCKENFLAT	323500	577700					X					
67068	LAND FARM	321800	575100										
67069	BIRRENS	321900	575100										
67071	MIDDLEBIE	320000	570000										
67073	KIRKCONNEL, WATERBECK	324980	575510										
67074	KIRKCONNEL, WATERBECK	324900	575500										
67087	JOHNSTONEHALL	322400	575000										
67089	SATUR MILL	322100	575400										
67090	LAND	321500	575500										
67091	LAND	321200	575300										
67092	TORBECKHILL	323000	578900										
67093	TORBECKHILL	323300	579700										
67094	TORBECKHILL	323300	578500										
67095	TORBECKHILL	323400	578800										
67096	TORBECKHILL	323100	579100										
67097	MIDDLEBIE	320000	570000										
71597	BORDER - CRAWFORD - INVERESK (?)	321920	575000										
81360	BIRRENS	321000	575000										
67101	LAND FARM	321600	575300										
67102	CONGUP CLEUCH	322590	579430									X	
70725	HOWAT'S HILL	322300	579100									X	
95392	TORBECK HILL	323300	578920										
95397	WHITEKNOWE MOSS	321140	579910										
95400	MAGGIE'S BURN	320730	578740										
95403	MAGGIE'S BURN	320670	578350										
95404	MAGGIE'S BURN	320940	578240										
95406	GOWKSHAW KNOWE	321010	578430										
95409	GRAINHALL BURN	321140	578830										
95411	GOWKSHAW KNOWE	321200	578400										
95413	DARLAWHILL GRAIN	321430	578920										
95414	DARLAWHILL GRAIN	321380	578770						X	X			
96150	STOCKBRIDGEHILL	320510	579900										
86701	CONGUP CLEUCH	322490	579520										X
95388	LAND FARM	321470	575370				X						
115543	LAND, INSCRIBED STONE	321480	575390				X						

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
179428	WATER BECK	324070	579970						X				
66615	MOSSHEAD	316650	579860										
66626	BURNSWARK	318600	578700										
72882	BURNSWARK	318690	578830										
72883	BURNSWARK, 'REDOUBT'	318600	578700				X	X					
72884	BURNSWARK	318910	578670		X								
72885	BURNSWARK, 'ROMAN SIEGEWORKS'	318500	579000			X							
72886	BURNSWARK	319020	578970						X				
72887	BURNSWARK	318430	578350						X				
66628	BURNSWARK	318510	578600										
66627	BURNSWARK	318600	578700										
72512	BURNSWARK	318600	578700										
85699	BURNSWARK HILL	318420	578850										
85700	BURNSWARK	318470	578990						X	X			
85701	BURNSWARK HILL	318770	578480						X		X		
85702	BURNSWARK HILL	318760	579100						X	X	X		
89302	BURNSWARK	318430	578760										
66636	CASTLEFIELD	319660	575820						X		X		
83568	BURNSWARK	318000	578000										
90543	KIRKCONNEL	319420	575560						X				
94487	HAREGILLS	318840	577780						X	X			
96589	GIBSONS	315450	579550										
66642	CASTLEHILL	311940	578340						X		X		
66653	CASTLEHILL	312250	578940						X				
66662	CASTLEHILL	312280	578640						X				
66664	HALLMUIR	312760	578580						X				
66666	NUTHOLM	313160	576460						X		X		
66667	NUTHOLM HILL	313360	576700						X				
66669	MALL'S CASTLE	314920	579540						X		X		
66644	DALTONHOOK	311600	576200										
66645	ROBERTHILL	311100	579100										
66646	ST MUNGO, 'OUR LADY'S WELL'	314000	577000										
66647	DALTONHOOK	311000	576300										
66649	BENGALL	310900	578800						X	X			
85698	ST MUNGO MANSE	312640	575660										
84847	BENGALL COVERT	311300	578000						X	X			
91511	COPEWOOD	310830	576500										
111712	BENGALLHILL	310890	577860						X				
111715	BENGALLHILL	311020	577890						X		X		
66126	HUNGRY HILL	305420	575640										
66128	HAZELSHAW MOOR	306720	576240										
66129	ROCKHALL MOOR	306790	575960										
66130	HOLMAINS MOOR	307560	576180										
66132	RANGE CASTLE	308640	576390						X				
66133	MOSS CASTLE	308840	576030						X				
66107	ROCKHALL	305600	575500										
66108	HOUND HILL	307600	576200										
66110	ROCKHALL MOOR	306910	575680										
66112	BARLOUTH	305200	578700						X	X			
66113	ROCKHALL MOOR	306900	575900										
66159	REDHILLS	302930	576860						X		X		
66135	TORTHORWALD CASTLE	303200	578200										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
66136	TORTHORWALD CASTLE	303200	578200										
66139	ELF KNOWE	304640	576370										
66140	CAMP HILL, TINLAW	304170	578760						X				
66141	TINWALD	300100	579600						X		X		
66142	MID DARGAVEL	301600	576500										
66144	LOCHAR MOSS	300000	578000				X						
66147	COLLIN	302800	575800										
66148	HEMPLANDS	301600	579600						X		X		
66152	REDHILLS	303200	576700						X		X		
76260	NETHER DARGAVEL	301900	575200										
67698	OLD IRVINE	336480	581610						X	X			
67709	BROOMHOLM	337860	581450	X					X				
67711	IRVINE HOUSE	337400	580600					X					
67652	'WAUCHOPE BRIDGE', LANGHOLM	336100	584500					X					
67653	OLD IRVINE	336300	581700										
67655	LANGHOLM	330000	580000										
67656	LANGHOLM	336000	584000										
67659	WHITA HILL	337600	584100					X					
67660	LANGHOLM	330000	580000										
67661	TARRASFOOT TILEWORKS	338000	581200										
67665	MURTHOLM	336200	584100										
67667	LANGHOLM, ST DAVID'S WELL	336000	584000										
67675	MIDDLEHOLM HILL	336430	582720										
67676	BROOMHOLM	337000	581000					X					
67680	MEIKLEHOLM	335600	584700										
91821	DOCKEN BECK	336300	581200						X				
101319	ROMAN ROAD, NETHERBY TO BENTPATH	337000	580000										
67723	BROCK LINNS, BLOCH	332880	581910						X				
67741	CALFIELD	333790	583690						X		X		
67742	CALFIELD RIG	332820	583480						X		X		
67744	CALFIELD	333550	583880										
67745	CLEUCHFOOT	331490	583410										
67746	CLEUCHFOOT	331510	583390										
66305	BROOMHILL	309120	583750						X		X		
66306	BROOMHILL	309400	583900						X		X		
68246	BANKHEAD OF TINWALD	305000	583700						X				
72013	TORWOOD - DALSWINTON - CRAWFORD	309770	583290										
72014	LOCHBANK	307600	583500										
69500	PARKFOOT	307200	581110						X	X			
69366	BRIDGEMUIR	309490	584890										
67600	POTHOLM HILL	336200	587900									X	
91527	POTHOLM HILL	336280	587870										
67333	GREEN HILL, LYNEHOLM	326930	592230						X	X			
67335	WESTERKIRK MAINS	329230	591830						X				
67337	WESTERKIRK MAINS	329000	591000										
67340	BLACK ESK BRIDGE	325270	590670						X				
67341	STENNIESWATERFOOT	329400	592450						X				
67348	WESTERKER RIG	328540	594300						X				
67349	WESTERKER RIG	328500	594900										
66935	SHANKEND	315990	592700						X	X			
66942	BROOM HILL	315400	591610						X	X			

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	nia	crannog
66943	PEAT HILL	317740	593850						X	X	X		
66944	MOSSKESSO, CLOSS	317920	593300						X				
66946	CASTLE HILL	318600	592550						X				
66947	DRYFE LODGE	318410	593640						X	X			
66948	RANGECASTLE	318990	593660						X		X		
66925	CARTHUR HILL	318380	594030						X		X		
66926	COCKLAW RIG	318810	594610						X		X		
66927	BARRACK HILL	318810	593280						X		X		
66929	WATERHEAD	318730	593930						X	X			
67714	BECKS	334280	584150						X				
67715	BECKS	334480	584230						X				
67716	GIBB'S HILL	330860	584180						X				
67717	BECKS	334500	584610						X	X			
67718	NAZE HILL, BECKS	333900	584420						X				
67719	SHAW HILL	330410	583360						X		X		
67720	CLEUCHFOOT	331680	582610						X				
67725	BIGHOLMS BURN	332300	581860						X				
67726	WESTWATER	330000	582400										
67727	CALFIELD RIG	333000	583300										
67739	GIBB'S HILL	330700	584000								X		
67740	CALFIELD	333400	583700						X				
91536	HAILSTANE GILL	330070	583740										
91537	RAIN SIKE	331290	584330										
91538	GULF SIKE	331600	584520						X				
91539	LITTLE WHITSON SIKE	330830	583650										
91540	LOGAN WATER	331020	583080										
91546	GLENCORF BURN	332440	583470										
91550	LEA GILL	333130	584920										
91552	BROWN'S HOLM	333400	583000										
91557	PEAT SIKE	330910	580360										
91558	COLLIN BURN	330000	581000										
91559	BIGHOLMS BURN	331600	581100										
91562	VIEWY KNOWE	332300	580000										
91563	VIEWY KNOWE	332600	580000								X		
78505	COCKLAW BRAE	330200	581700										
78506	RAIN SIKE	331200	584200										
67185	DALBATE	325040	582620						X	X			
67207	DUNNABIE	325450	581690						X	X			
67208	MUCKLE SNAB HILL	326490	583250						X	X			
67209	DOE'S HILL	327120	583210						X	X	X		
67210	MID HILL	327140	584980						X	X	X		
67211	COCKGAIR HILL, GLENTENMONT BURN	329540	583930						X	X	X		
67212	CARRUTHERS	325100	580600										
67186	WINTERHOPE	327100	582700										
67187	KITTY'S CAIRN	328640	583730										
67188	COCKLAW	329840	582280										
67189	COCKGAIR HILL	329860	584030										
67195	WINTERHOPEHEAD	327050	582040										
67197	MUCKLE SNAB	326600	582800										
67199	MUCKLE SNAB	326640	583240										
67200	GLENTENMONT BURN	329100	584000						X				
67201	CRAIG SIKE	327780	582590										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	cranno
67202	WINTERHOPE RESERVOIR	327430	582930										
67204	CROWDIEKNOWE HILL	326300	581600						X				
67205	LEY HILL	327100	581300						X				
91594	LEY HILL	327270	581390										
70730	DALBATE	325100	582600						X				
97590	DOE'S HILL	327500	583500						X				
97591	STANDINGSTONE EDGE	327900	582800						X				
97592	KIRTLE NICK	326700	584700						X				
97594	CRAIG SIKE	328400	582360										
97595	BIRNY HILL	328680	583060										
97596	WINTERHOPE	327420	582250										
97597	CASTLESTAFF	326590	584150									X	
97598	RED SIKE	326740	584070										
97599	RED SIKE	326720	583920										
97600	WILLIESCLEUCH SHANK	326660	583930						X	X			
97601	GATE HEAD	326150	583040										
97602	GATE HEAD	326160	582990										
97603	KIRTLE SLACK	326510	582490										
97604	KIRTLE SLACK	326900	582400										
97605	BLACK BRAE	326200	584100									X	
97606	KIRTLEHEAD MOSS	328110	581820										
97607	WINTERHOPE BURN	327760	583530						X				
97608	PEAT SIKE	327600	581900										
97609	PEAT SIKE	327400	581900										
97611	RAES KNOWES	329430	582750										
97612	BLACKSTAN HILL	325700	584800									X	
97613	COOMB SIKE	328660	584700						X		X	X	
97614	COCKGAIR HILL	329930	584080										
97615	COCKGAIR HILL	329970	584180										
97616	RAES KNOWES	329830	583460										
97617	RAES KNOWES	329750	583330						X			X	
97618	RAES KNOWES	329900	582700						X	X			
97619	MID HILL	326900	584980										
97621	DOE'S HILL	327150	583480										
97622	DOE'S HILL	327000	583520										
97623	DOE'S HILL	327000	583000									X	
97624	DOE'S HILL	327030	583390									X	
97625	DOE'S HILL	327140	583400									X	
97626	DOE'S HILL	327130	583300									X	
97627	DOE'S HILL	327280	583370									X	
97628	DOE'S HILL	327200	583600									X	
97629	MID HILL	325020	584270									X	
97630	RAES KNOWES	329800	583330									X	
87376	COCKGAIR HILL, GLENTENMONT BURN	329400	584000									X	
91591	LEY HILL	327100	581730										
91592	MEGSFIELD	327860	581010										
67213	PYATSHAWS RIG	321480	584580						X		X	X	
67222	WHITSTONE HILL	320880	582770						X		X		
67223	SEVEN BRETHREN	321710	582690										
67225	MINSCA	322400	581160						X		X		
67226	NEWHALL FARM	323840	583740						X	X	X		
67227	CRAWTHAT COTTAGE	324310	582840						X		X		

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
67229	BIRRENS HILL	324500	580750						X	X			
67214	WHITSTONEHILL	321000	582000										
67215	GRANGE ESTATE	323400	582800										
67220	NEWHALL	323400	583600										
67221	MINSCA	322300	580700										
70718	WHITSTONE HILL	320900	582600										
70721	CORRIEHALLS	320740	584420										
70723	LINNHALL	322400	582500						X				
70727	MINSCA	322500	580500						X	X			
97289	PRIESTBUTTS	323900	584470										
78746	BIRRENS MOSS	324300	580500									X	
97290	BIRRENS HILL	324390	581080						X	X			
97291	WATER BECK	324000	580800										
97292	SHILLA HILL	324000	580800										
97293	BIRRENS HILL	324700	580800										
97294	LANGSIDE CLEUCH	323100	580300										
97285	BACK BURN	321960	581570						X		X		
97295	LINNHALL	322540	582920						X		X		
97296	LINNHALL	322530	582940						X		X		
97297	LINNHALL	322500	582910										
97298	ALTON HILL	324630	584590										
97299	BIRSCA	322200	584300										
97300	PYATSHAWS RIG	321600	584300										
97497	PYATSHAWS RIG	321200	584600										
78745	NEWHALL HILL	324000	583700										
97500	NEWHALL HILL	323720	583720										
97504	GRANGE	324100	582400										
97506	GRANGE	323990	582430						X	X			
97509	GAVIN'S BURN	320300	582100										
97516	CORRIEHALLS	320690	584650										
97521	PENNYHOLM POOL	321000	583100										
97523	BIRRENS HILL	324520	580430										
97524	GRANGE OF TUNDERGARTH	323660	582030						X		X		
97527	PYATSHAWS RIG	321420	584370									X	
97531	PYATSHAWS RIG	321370	584580						X				
97541	PYATSHAWS RIG	321460	584630										
97546	PYATSHAWS RIG	321530	584540										
97548	PYATSHAWS RIG	321370	584230									X	
97648	PRIESTBUTTS	324030	584470						X		X		
179401	GRANGE	323600	582500										
179402	GRANGE	323900	582600										
179400	MINSCA	322430	580930										
66804	MOSSHEAD HILL	317240	580250						X		X		
66806	RAGGIEWHATE	317490	581870						X		X		
66807	CRAIGHOUSE	318380	584120						X				
66811	TUNDERGARTH	317000	580000										
66797	TUNDERGARTH	310000	580000										
71602	BORDER - CRAWFORD - INVERESK (?)	316520	580000										
68251	MURRAYFIELD	315170	580850										
68252	MURRAYFIELD	315200	581100										
89726	CASTLEHILL	318170	581530										
105271	NORTHBURN	318290	581700										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
179396	BLACKKNOWE PLANTATION	317450	583260						X				
66813	APPLEGARTH MOTTE	310430	584190										
66858	DRYFEHOLM	310850	583620										
66869	GALLABERRY, DRYFEHOLM	311320	583900						X		X		
66895	DRYFESDALEGATE	311680	582440						X		X		
66814	COMFORTLAND HILL	311760	581740						X	X			
66815	TORWOOD	312200	581980			X							
66816	TORWOOD	312120	581920						X	X			
66817	FAIRHOLM	312640	581590						X		X		
66818	BECKTON	312940	582250						X				
66820	HARTHILL	313120	582660						X				
66821	KIRKBURN, LOCKERBIE	313100	583120										
66824	BLACKFORD	314200	580900						X				
66826	SHUTTLEFIELD, LOCKERBIE	313800	580300										
66827	BROOMHOUSES	313700	583000										
66828	QUHYTEWOOLLEN HILL	314880	582890						X				
66830	ALBIE HILL	310870	584240						X				
66831	MILLBANK	312810	584890						X		X		
66832	FAIRHOLM, LOCKERBIE	312500	581200										
66835	KIRKBURN	312800	582900										
66837	SHILLAHILL	310700	580800				X						
66838	DRYFESDALEGATE	311700	582600						X				
66839	PRIESTDYKES	310300	581300										
66841	SHILLAHILL	310840	580840										
66842	GREENHILLHEAD	310200	580400						X		X		
66843	ALBIE HILL	310670	584120						X	X			
66846	KIRK BURN	312500	581900										
66866	SHILLAHILL	311000	580500										
66867	SHILLAHILL	311200	580700										
66870	SHILLAHILL	311680	580140										
66871	GALLABERRY HILL	311400	584000										
66872	TORWOOD	312100	583100						X	X			
66874	GALLABERRY HILL	311300	584100										
66875	DRYFESDALE	314200	582300						X	X			
66876	GALLABERRY HILL	311600	583700										
66877	KIRKBURN, OLD ROAD	312650	583380										
66882	SHUTTLEFIELD, LOCKERBIE	313900	580400										
66886	FAIRHOLM	312600	581500										
68245	GREEN HILL	312600	584300						X				
71603	BORDER - CRAWFORD - INVERESK (?)	314990	581230										
71981	TORWOOD - RAEBURNFOOT - NEWSTEAD	312000	581000										
72011	TORWOOD - DALSWINTON - CRAWFORD	310000	580000										
66890	AEFUR BRAE	311800	582200										
81344	'DUMFRIESSHIRE'	310000	580000										
81345	'DUMFRIESSHIRE'	310000	580000										
68253	TURNMUIR	311600	581100										
68254	GALLABERRY HILL	311400	584100										
69519	ALBIE HILL	310640	584080						X	X			
74456	ALBIE HILL	310590	584050						X		X		
69369	APPLEGARTHTOWN	310320	583840			X							
69370	APPLEGARTHTOWN	310400	583750										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	nq	crannog
72681	BECKTON	313050	582430										
69368	LADYWARD	311300	582000	X									
76362	MUIRHOUSE COTTAGES	311000	584000										
72557	DRYFESDALEGATE	311800	582700										
81346	MUIRHEAD	313140	581590										
81944	APPLEGARTH	310000	580000										
94429	GALLABERRY HILL	311350	584000						X				
84979	ALBIE HILL	310740	583930						X		X		
84982	MANTUARIG	310900	580400						X	X			
84867	'DUMFRIESSHIRE'	310000	580000										
86396	PRIESTDYKES	310000	581700										
111758	GREEN BURN	312380	584860										
111760	GREEN BURN	312420	584680						X				
113871	NETHERCLEUGH BURN	310400	584330										
143783	APPLEGARTHTOWN	310290	583910										
66277	WOODYCASTLE	307320	583670						X		X		
66288	BROOMRIG	306150	582980										
66313	LOCHMABEN, ST MARY MAGDALENE'S WELL	308070	582450										
123122	LOCHMABEN CASTLE	308100	582200										
66315	LOCHMABEN CASTLE	308830	581150										
66316	CASTLE LOCH, LOCHMABEN	308530	581300										X
66267	WHITEREED MOSS	307600	584000										
66268	LOCHMABEN	308000	582000										
66269	LOCHMABEN	308000	583000										
66270	LOCHMABEN	308000	582000										
66271	SLACKS	305700	583600										
66272	LOCHMABEN	308000	582000										
66273	CASTLE MAINS	308600	580700										
66278	WHITEHILLS MOSS	308000	582000										
66279	LOCHBANK	307500	583700										
66280	RENNALKNOWE, LOCHMABEN	308000	583000										
66281	HUNTERHOUSE MOSS	306000	582000										
66284	BROOMHILL	308900	583600										
66285	LOCHMABEN CASTLE	308800	581100										
66286	LOCHMABEN	309200	582300		X								
66287	SLACKS	306000	583360						X				
66289	CASTLE LOCH, LOCHMABEN	309100	581300										X
66290	KINNELMILL	308800	584700										
66291	MOUNT PLEASANT	307620	582180						X	X			
66294	MOUNT PLEASANT	307530	582270						X	X			
66302	HOME FARM COTTAGE	309600	582500										
66303	TRAILFLAT	305120	584830										
69501	BRIDGEMUIR	309400	584970										
69364	HALLEATHS	309690	582380										
69367	BROOMHILL	309000	583000										
81029	LOCHMABEN, MOUNSEY'S WYND, CASTLE GARDENS	308200	582200										
83563	LOCHBANK	307600	583500										
83564	LOCHMABEN	308000	583000										
89712	CASTLE LOCH, LOCHMABEN	308740	582050										X
86399	PRIESTDYKES	309800	581600										
128599	LOCHMABEN	308000	583000										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	cranno
132404	LOCHMABEN, HALLEATHS	309500	582500										
212513	LOCHMABEN, BALCASTLE HOTEL	308250	582380										
212516	LOCHMABEN, BRUCE STREET, CROWN HOTEL	308060	582510										
239612	LOCHMABEN, LOCHSIDE PLANTATION	309200	581900										
66328	BARR'S HILL	301520	583440						X		X		
66339	PINNACLE HILL	303910	584480						X				
66340	WHITE HILL	303850	583330						X				
66341	EAST TINWALD	304700	580900										
66342	TINWALD	300000	580000										
66343	HIGHTOWN HILL	303900	583100										
66318	TINWALD	300000	580000										
66319	TOWNHEAD	300700	581700						X		X		
66320	SOUTH COWSHAW	302600	584100										
66321	COWSHAW	302000	584000										
66322	TINWALD	300000	580000										
66324	FERNEYCLEUCH	303000	582800										
66325	PINNACLE HILL	303870	584620										
66327	AMISFIELD	300100	582600										
66329	AMISFIELD	300700	583500										
66330	COWRIGG	304000	580300										
66333	TRAILFLAT	304930	584850										
72012	TORWOOD - DALSWINTON - CRAWFORD	304000	584000										
68255	TINWALD	300290	581370						X				
80894	BLAIRHALL BURN	300060	584910										
113851	PINNACLE WOOD	304100	584300						X				
113896	WHITE HILL	303700	583300										
67573	HENWELL, STAPLEGORDON	335270	588230						X		X		
67595	POTHOLM HILL	336240	588000						X				
67602	MILNHOLM	335500	587230						X		X		
67603	MILNHOLM	335280	587280						X				
67576	MILNHOLM COTTAGE	335330	586870						X		X		
91524	MILNHOLM COTTAGE	335300	586870						X		X		
91525	MILNHOLM COTTAGE	335300	586870										
91526	MILNHOLM COTTAGE	335300	586800										
67585	POTHOLM HILL	336200	587400										
67588	GOLF HILL	335100	588600										
67589	WATTIE'S BANK, PATHHEAD	336500	585640						X				
67591	POTHOLM FARM	335500	587700										
101325	ROMAN ROAD, NETHERBY TO BENTPATH	335000	585000										
179373	CASTLE SCROGS	336400	586300										
67607	BENTPATH, AUCHENDONA HILL	330460	589030						X		X		
67618	SHAW HILL, CALKIN	330450	588340						X		X		
67629	WESTERHALL, HIZZIE BIRREN	331570	589980						X		X		
67640	CUIL PLANTATION	332380	589070						X	X			
67646	THRUMCAPS YARD, RIG	332540	589010						X		X		
67647	BURNFOOT HILL	333470	588860						X		X		
67648	BURNFOOT	333660	588910						X		X		
67649	CRAIG HILL	333850	587820						X		X		
67650	LITTLE HILL, CRAIG	333830	588160						X				
67609	CARLESGILL	333000	588000										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	cranno g
67610	CARLESGILL	333000	588000					X					
67611	THRUMCAPS YARD, RIG	332520	589070						X		X		
67612	BURNFOOT PLANTATION	333750	589170										
67613	BOYKEN BURN	330510	588630										
67619	GOLF HILL	334500	588700										
67620	GOLF HILL	334640	588150						X		X		
67621	GOLF HILL	334760	588250						X				
67622	CRAIGCLEUCH	334500	587220						X				
67623	CLARK FELL	334800	586700						X		X		
67624	BENTPATH, AUCHENDONA HILL	330100	588900										
67625	SHAW HILL, CALKIN	330200	588100										
67626	SHAW HILL, CALKIN,	330200	588000										
67627	SCOORKNOWE	331200	585000						X		X		
90972	CRAIGCLEUGH	334300	586550										
91092	CRAIG BURN	332400	586910										
91093	CRAIG BURN	332560	587120										
91106	BACK BURN	333510	585640										
91107	GREEN SIKE	333590	586120										
91108	GREEN SIKE	333940	586230										
91109	GLENCORF BURN	332600	585330										
91110	GLENBERTLE BURN	331540	588000										
91518	BOONIES SIKE	330120	589500										
101328	ROMAN ROAD, NETHERBY TO BENTPATH	334000	587000										
67163	NEWLAND HILL	325370	586230						X				
67165	EWE HILL	328100	587200										
78490	CAIRNKNOWE	326400	586600										
78491	CHEESE BURN	326840	586770										
78493	BLACK SIKE	326660	585700										
78497	ROBGILL BURN	326900	585700										
78498	CAIRNKNOWE	326610	586350						X				
97194	NEWLAND HILL	325100	585800										
97199	CAPEL BURN	325900	585500										
78734	SAUCHIE SIKE	328750	585130						X		X		
97204	HARE SIKE	325600	589000										
97206	WATER OF MILK	325100	588000										
97208	AUCHENDONA HILL	329940	589180										
91584	NEWLAND HILL	325750	586150						X		X		
91585	NEWLAND HILL	325240	586230						X				
91586	NEWLAND HILL	325390	586390									X	
91587	NEWLAND HILL	325140	586210									X	
91589	NEWLAND HILL	325160	586000										
112508	MID HILL	327050	585150										
222777	COOM BURN	326780	585550										
67166	CARTERTON	320330	589560						X	X			
67177	DORMONT RIG, CARTERTON	320890	589690						X		X		
67179	WHITCASTLES	322400	588060										
67180	WHITCASTLES	323310	587020						X		X		
67181	NEWLAND HILL	324870	586370						X		X	X	
67182	CAPELFOOT	323700	586100										
67183	CRAIGHOUSESTEADS	323750	585190						X				
67184	CRAIGHOUSESTEADS	323900	585700										
67167	BOOTH'S BURN, KIRKSLIGHT	322210	588370										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
	RIG												
67169	CRAIGHOUSESTEADS	323200	585420										
67170	WHITCASTLES	322980	586050										
67171	WHITCASTLES	322740	586530										
67172	WATER OF MILK	323000	585000										
67174	NEWLANDHILL	324600	587000						X				
67176	NEWLANDHILL	324400	586800										
70720	CORRIEHALLS	320600	585000										
70722	CORRIESTAND	321100	585400									X	
97104	WATER OF MILK	324700	587400										
97105	WYNHOLM BURN	320300	587500										
97106	CLEUCHHEADS	320300	587700										
97107	ELLER BECK	320700	587700										
78738	KIRKSLIGHT BURN	321300	588900										
97108	KIRKSLIGHT BURN	321600	589000						X				
78737	KIRKSLIGHT BURN	321300	589080						X				
97126	KIRKSLIGHT HILL	321870	589450										
97127	WOODHILL EDGE	321300	588040										
97128	KIRKSLIGHT HILL	321410	589410										
78739	KIRKSLIGHT BURN	321300	589100										
97130	PEARSBY HILL	324670	585310						X		X		
97133	WYNHOLM BURN	320920	587530										
97135	CROSSDYKES	324580	587530										
97136	CROSSDYKES	323840	587670										
97137	SWINE CLEUCH	323500	587300										
97144	HART FELL	323800	588200										
97158	CLEUCHHEADS	320110	587840						X				
97172	CARTERTON	320360	589990										
97175	WHITCASTLES HILL	323440	587760						X		X		
97179	DORMONT RIG	320570	589240						X		X		
97191	WHITCASTLES HILL	323400	587600						X				
86702	CRAIGHOUSESTEADS HILL	323860	585630									X	
86703	GOAT RIG	324900	585200									X	
86704	CRAIGHOUSESTEADS HILL	323000	585000										
88994	WYNHOLM BURN	321270	587270									X	
91577	BOOTH'S BURN	321610	587050									X	
91578	BOOTHS BURN	321450	587210						X	X			
91579	PEARSBY HILL	324430	585340									X	
91580	CAPELFOOT	323930	585790										
91581	CLEUCHHEADS	321070	587010						X				
91583	CROSSDYKES	324830	587800										
114116	COWBURN	320400	588900										
114132	DORMONT RIG	320800	589800										
66757	FIRTREE HILL	316330	587670						X		X		
66758	ROSEBURRAIN	316040	587520						X	X			
66759	CUMSTONE BURN	318270	586180						X		X		
66760	HENCASTLE RIG	318560	585130						X		X		
66761	PARKCLEUCH PLANTATION	319550	586070						X				
66762	HEITHAT	319600	589000										
71984	TORWOOD - RAEBURNFOOT - NEWSTEAD	315000	589390										
76313	CORSE HILL	317400	588900										
71305	SHIELSTEAD HILL	316260	587850						X		X		

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
71306	SHIELSTEAD HILL	316290	587890						X		X		
71307	SHIELSTEAD HILL	316330	587920						X		X		
71308	SHIELSTEAD HILL	316250	587980						X				
71309	SHIELSTEAD HILL	316100	588100										
71310	SHIELSTEAD HILL	316140	588170						X			X	
71311	SHIELSTEAD HILL	316260	588150						X	X			
71312	THE KNOWES	315200	588300										
71313	NETHER HUTTON	317040	589690						X	X			
71314	NETHER HUTTON	316900	589600						X				
76323	CORSE HILL	317430	589030										
76324	CORSE HILL	317000	589000										
72749	HEWKE HILL	315200	589000										
85863	CUMSTONE, HOGG HILL	318630	587180										
85864	MID RIGG	318000	588300										
85865	FIRTREE HILL	316670	587740										
85866	SHIELSTEAD HILL	315950	587850						X				
85867	BLACK RIG	317300	586800						X				
85868	BOW HILL	317580	586410						X		X		
85869	BOW HILL	317570	586390										
89713	STOBOHILL	318820	587300						X		X		
85870	BOW HILL	317410	586350										
85871	BOW HILL	317400	586200										
85872	BLACK RIG	316800	586740										
112824	SHIELSTEAD HILL	316300	588000										
179394	MID HILL	315700	588300										
179395	MID HILL	316100	588500										
66766	HANGINGSHAW	310470	589800										
66777	DINWOODIE	311420	589680						X		X		
66788	AUCHENRODDAN	311670	589280						X		X		
66790	DINWOODIE GREEN	311410	588560						X		X		
66791	MILLHOUSE BRIDGE, DINWOODIE GREEN	310670	588300										
66792	RYECASTLE	312060	587900						X		X		
66793	WHITECASTLE KNOWE	313080	589910						X				
66794	BURRAIN SKELTON	313570	587680						X		X		
66795	BLINDHILLBUSH HILL	314690	589630						X				
66768	BALGRAY CLEUCHHEADS	314380	585860						X		X		
66770	SIBBALDBIE	314000	587000										
66771	DINWOODIE GREEN	310700	588400										
66772	APPLEGARTH	313700	588000										
66774	FOURMERKLANDHILL	311320	587130				X		X		X		
66775	BRIERYHILL	311000	585800										
66776	NEWFIELD	314500	585100										
66778	PERCHHALL	311300	587500										
66786	MILLHOUSEBRIDGE	310600	585300						X		X		
71604	BORDER - CRAWFORD - INVERESK (?)	311160	585000										
81293	BORDER - CRAWFORD - INVERESK (?), JARDINE HALL MAINS	310760	587850										
71982	TORWOOD - RAEBURNFOOT - NEWSTEAD	313790	585000										
69498	DINWOODIE GREEN	310250	588450						X				
69499	DINWOODIE GREEN	310280	588430										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
71263	DINWOODIE	311500	589200						X				
76312	NEWFIELD	314000	585000										
72866	NEWFIELD	314660	585080										
72897	HILLSIDE	313650	585470										
73109	BRIERYHILL	310900	585600										
81341	JARDINE HALL MAINS	310720	587930										
85088	BLACKET HOLE	310240	586370										
85095	DINWOODIE GREEN	310400	588600										
92842	DINWOODIE GREEN	310700	588260										
123651	STEVEN'S CROFT	312200	585400										
66229	CARS WOOD	306460	588000						X		X		
66238	CORNCOCKLE PLANTATION	309000	586090						X		X		
66240	SPEDLIN'S FLOW	309100	587200										X
66241	BURRANCE	309000	585800										
66219	CARS WOOD	306400	587900										
66220	MOTE COTTAGE	307020	588560						X				
66221	HANGINGSHAW	309850	589800		X								
66222	ARCHWOOD PLANTATION	308800	587700						X	X			
66223	LOCHBROW MAINS, TEMPLAND	309600	588900						X				
66231	ARCHWOOD HILL	309000	588300						X				
66232	PANLANDS	309300	589600										
66233	MILNGATE	305230	586940						X		X		
66234	BRAEHEAD	305020	586950						X				
66235	HANGINGSHAW	309750	589810						X	X			
68244	LOCHBROW	309540	589120										
69518	LOCHBROW	309700	589100										
69497	LOCHBROW	309600	589000										
69496	LOCHBROW	309450	588720						X	X			
76171	LOCHBROW	309700	589000										
81018	ROSS MAINS	306910	588240										
85093	HANGINGSHAW	309800	589790						X				
85092	LOCHBROW	309510	589350										
84983	LOCHBROW	309280	588830										
85099	LOCHBROW	309430	589160										
85100	LOCHBROW	309480	589230										
89361	SPEDLIN'S TOWER	309000	587000										
97540	CORNCOCKLE MOSS	308500	586500										X
111718	SHAW BRIDGE	307750	585990						X				
66258	SAX CORSES	302780	588740										
66255	ASHBANK	301930	587940										
72015	TORWOOD - DALSWINTON - CRAWFORD	304000	585000										
72312	TRAILFLAT	304900	585000										
110919	DALFIBBLE DAIRY COTTAGES	304770	586000						X	X			
110922	NETHERMILL SCHOOL	303870	587570						X				
110923	NETHERMILL SCHOOL	303990	587340						X		X		
67815	BENTPATH	330820	590400						X		X		
67817	GEORGEFIELD	330010	591520						X				
67818	BOONIES	330490	590040		X				X		X		
67820	HOGGLE RIG	331660	593300						X		X		
67821	KIRKGILL BANK	330420	590700						X				
67822	EFFGILL	330470	592820						X				
92161	BUGHT SIKE	330000	594700										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	cranno g
87106	MEGDALE HILL	330800	594200										
87107	EFFGILL HILL	330100	593300										
87108	MID HILL	330600	592900										
87109	HOGGLE HILL	331300	593300										
87110	WHITE RIG	331300	593000										
87111	BLACK SIKE	331000	592800										
101327	ROMAN ROAD, NETHERBY TO BENTPATH	331000	590000				X						
118276	EFFGILL	330500	592900				X						
67303	CASTLE O'ER ESTATE	325150	594480				X						
67314	DEIL'S JINGLE, CASTLE O'ER ESTATE	325300	591100										
67325	KING SCHAWS GRAVE, BANK HEAD HILL	325930	593200										
67336	BANK HEAD HILL	325360	592810				X				X		
67347	YARDS RIG	325200	592130				X						
67358	KNOCK SIKE, MID KNOCK	325000	591460				X				X		
67369	MILL BURN	325470	590650										
67373	CAMP HILL, BAILIEHILL	325580	590520				X				X		
67374	BANK HEAD HILL	326400	592700										
67304	BANK HEAD HILL	326480	592760				X				X		
67305	BANKBURNFOOT	326820	592530				X				X		
67306	WHITE BIRREN, LYNEHOLM HILL	327320	591480				X				X		
67307	SHIEL BURN	328550	591960				X						
67308	SHIEL BURN	328710	591770				X						
67309	CROOKS	329790	592440				X				X		
67310	ENZIEHOLM, BOGLE WALLS	329240	591240				X						
67311	GEORGEFIELD	329700	591400										
67312	WESTERKER RIG	328900	593600										
67315	BILLHOLM	327950	592050				X						
67317	BAILIEHILL	325720	590280										
67320	BAILIEHILL NORTH	325950	591020				X				X		
67363	WESTERKER RIG	329630	594160										
67366	CASTLE O'ER ESTATE	325300	594200										
67367	CASTLE 0'ER ESTATE	325000	593610										
67368	CASTLE O'ER ESTATE	325200	592900										
67370	CASTLE O'ER ESTATE	325400	591900										
67371	CASTLE O'ER ESTATE	325400	591900										
67372	CASTLE O'ER ESTATE	325300	591700										
97937	MILL BURN	325090	590220										
97939	MARTIN HILL	326100	590410				X						
97941	SHAW RIG	326880	593490										
97942	SHIEL BURN	328400	593740										
97943	SHIEL BURN	328100	593700										
97944	SHIEL BURN	327840	593860				X						
97946	MARTIN GILL	326420	590180				X						
87103	WESTERKER RIG	329200	592300										
87104	ENZIEHOLM HILL	328500	590900										
87196	SAUGH HILL PLANTATION	325300	594400										
88995	MEGDALE	329600	594800										
151178	CAMP HILL	325680	590550				X				X		
67375	HAMLIN KNOWE	321910	593060				X				X		
67386	HAW BIRREN, WESTSIDE	322680	592890				X				X		
67397	WESTSIDE	322800	592900										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
67408	WESTSIDE	322500	592400										
67419	BIRREN KNOWES, TODSHAWHILL	323530	593760						X		X		
67420	TANLAWHILL	323270	591480						X		X		
67421	LOWER RIG	324800	591270						X				
67422	OVER RIG	324550	593450						X		X		
67423	SLIPPERY KNOWE	324830	593120						X				
67376	CASTLE O'ER	324190	592850				X		X		X		
67377	THE KNOWE	324790	592260						X		X		
67378	CARTERTON KNOWES	322100	591900										
67379	TWIGLEES	322000	594000										
67380	TWIGLEES	322400	594000										
67381	SANDYFORD	320500	593800										
67382	CORRIE WATER	320000	591000										
67383	WESTSIDE	323100	592900										
67384	CASTLE O'ER	324200	592800										
67385	MARLSIDE	321750	594420										
67387	CASTLE O'ER ESTATE	324570	592880										
67389	HENRIE'S BURN	322900	592600										
67390	BLACKHOUSE HILL	322900	592300										
67391	BLACKHOUSE HILL	322920	592270						X		X		
67394	DOWNEY HILL	324640	590640						X		X		
67395	HAMLIN KNOWE	322150	593500						X				
67396	TANLAWHILL	323750	590840										
67400	CASTLE O'ER ESTATE	324000	591000										
67401	WESTSIDE	322900	592900						X				
67402	TODSHAWHILL	322500	593500										
67403	CARTERTON	320330	590780										
67404	BLACK CLEUCH	320400	591200										
67405	CORRIE KNOWE	320700	591600										
67406	HAW BIRREN	322500	593300										
67410	CASTLE O'ER ESTATE	324800	593400										
67411	CASTLE O'ER ESTATE	324500	593200										
67412	CASTLE O'ER ESTATE	324700	593700										
67413	CASTLE O'ER ESTATE	324600	593900										
67414	CASTLE O'ER ESTATE, OLD ROAD	324800	594200										
67415	HAMLIN KNOWE	321900	592900										
71986	TORWOOD - RAEBURNFOOT - NEWSTEAD	320000	593450										
70095	CASTLE O'ER FOREST, LOWER RIG	324800	591350										
70096	CASTLE O'ER, LOVER'S WALK PLANTATION	324800	592350										
70097	CASTLE O'ER FOREST	324000	593000										
70098	TWIGLEES	322000	594000										
97661	CARTERTON	320300	590960										
97662	CARTERTON	320720	591350										
97663	THIEF LINN	321200	590900										
97665	CARTERTON	321810	591600									X	
97666	CARTERTON	321650	590870										
97667	CARTERTON	321590	590850									X	
97668	COW BURN	321910	590730					X					
97669	COW BURN	321930	590650					X					
97670	COW BURN	322040	590360					X					

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	cranno
97755	KIRKSLIGHT HILL	321800	590200										
97756	KIRKSLIGHT HILL	321840	590250										
97865	KIRKSLIGHT HILL	321850	590230										
97906	BACK BURN	321420	590960										
97908	COW BURN	321410	590050										
97909	COW BURN	321780	590550						X				
97912	THIEFLINN KNOWE	321100	591100										
78736	DRY CLEUCH	320100	590700										
78735	DRY CLEUCH	320300	590300										
97914	CORRIE KNOWE	320800	591800										
97915	WELLS BURN	324270	590350										
97916	HIND FELL	323340	590980										
97917	TANLAWHILL RIG	323140	591370										
97918	TANLAWHILL RIG	323590	591640										
97919	TANLAWHILL RIG	323620	592020										
97920	TRAILPOOL BURN	321000	593300										
97921	MARLSIDE	321940	594290										
97923	TWIGLEES	322050	593780										
97924	TWIGLEES	322260	593430										
97925	TWIGLEES	322090	593200										
97926	TWIGLEES	322630	592740										
97928	DRY CLEUCH	320480	590060										
97929	BACK BURN	320780	590530										
97931	TWIGLEES	323000	593000										
86813	SLIPPERY KNOWE	324880	593500										
66940	BORELAND OF DRYFE	317410	592080										
66941	MARYGILL HILL	315750	592560						X		X		
71985	TORWOOD - RAEBURNFOOT - NEWSTEAD	315570	590000										
74838	CALDWELL MOSS	315900	594800						X				
74839	BRECONRAE LINNS	316170	593450						X				
74840	SAUCHY GUTTER	315850	594170						X				
70117	BRECONRAE LINNS	316210	593250						X				
74842	GALLET KNOWE	318150	592410										
74843	HOPE BURN	319000	592000										
74844	HOPE BURN	319530	592350										
74845	HOPE BURN	319720	592260										
74846	HOPE BURN	319830	592260										
74847	HOPE BURN	319870	592260										
74848	HOPE BURN	319970	592290										
74849	BORELAND BURN	318900	592160										
74850	SMAIL CLEUCH	318100	593830										
71272	WINSHIELDS HILL	315800	592900										
74851	WINSHIELDS HILL	315860	593000						X				
74852	WINSHELDS HILL	315880	592980						X				
74853	WINSHIELDS HILL	315930	592980						X				
85950	GILLESBIE COTTAGES	316860	592150										
74854	BRUNT HILL	316500	593100										
74855	SHANKEND	316350	592800										
71304	COCKLAW	318950	594600						X				
85951	BORELAND BURN	318500	591700										
85952	SHANKEND	316200	592500										
85953	CALDWELL BURN	316100	592500										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
85955	CLEUCH BURN	319500	590600										
85956	CLEUCH BURN	319300	590600						X				
82792	CLEUCH BURN	319300	590400										
85957	CLEUCH BURN	319700	590600										
85958	WITCHSHAW RIG	318900	590300						X			X	
85963	BROOM HILL	315300	591600										
85964	CLEUCH BURN	319390	590150										
85965	STANDING GUTTER	319250	590170						X				
89746	WITCHSHAW RIG	318000	590000									X	
89747	WITCHSHAW RIG	318930	590270									X	
89748	WITCHSHAW RIG	319160	590610									X	
89749	WITCHSHAW RIG	319260	590640									X	
89750	WITCHSHAW RIG	319060	590560										
87627	MILLRIGGS	317000	590200										
89929	SHEEPCOTE HILL	317900	591700										
66950	SKIP KNOWE, GATESIDE	311180	594430										
66961	KIRKHILL	310020	592810										
66967	DALMAKETHAR	310750	592420						X		X		
66968	DALMAKETHAR	311700	591450						X				
66969	DINWOODIE	311380	590830						X		X		
66970	DALMAKETHAR	311970	592170						X		X		
66971	BROOMHILLBANK HILL	312850	590860						X		X	X	
66972	BROOMHILLBANK HILL, 'DINWOODIE GRAVEYARD'	313030	590620						X	X			
66973	BROOMHILLBANK HILL	313100	591080						X		X	X	
66951	HOWTHAT BURN	314480	590120						X		X		
66952	GATESIDE FARM	311000	594020						X	X			
66953	ALAIS KNOWE, ELBECKHILL	314260	593550						X				
66954	DALMAKETHAR	311690	591360										
71205	DALMAKETHAR	311600	591200										
66955	DALMAKETHAR	311610	591400						X				
66956	KIRKHOLM	310040	590690						X	X			
66957	DINWOODIE	310450	590640						X		X		
66958	FINGLAND	313900	594160										
66959	BROOMHILL BANK	312610	590460										
66963	DALMAKETHAR SMITHY	310490	591490						X				
66964	DINWOODIE LODGE	310680	590050						X				
68243	DALMAKETHAR	311560	592320										
71605	BORDER - CRAWFORD - INVERESK (?)	310460	590000										
70116	FINGLAND	313810	593810										
66966	WELBOURN RIG	313770	597800						X	X			
71260	KIRKSTILE KNOWE	312740	590390										
85900	DINWOODIE MAINS	310850	590120										
71262	MEAN RIG	313190	590450										
74814	MEAN RIG	313190	590450										
74815	MEAN RIG	313200	590560										
71266	CACRABANK HILL	314570	591620						X	X			
74816	RAVENSCLEUCH	313760	590760										
74817	RAVENSCLEUCH	313760	590760										
74818	RAVENSCLEUCH	313760	590690										
71207	BROOMHILLBANK HILL	312900	591000										
74822	BROOMHILLBANK HILL	312990	591040										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	rig	crannog
74823	BROOMHILLBANK HILL	312990	591070										
74824	BELSHAND KNOWE	312600	592040										
74825	BELSHAND KNOWE	312600	592040										
74826	BELSHAND KNOWE	312700	592010										
74827	BROOMHILLBANK	312770	591210										
74828	DINWOODIE GREEN BURN	313110	591650										
71258	KIRKSTILE KNOWE	312800	590500										
74831	KIRKSTILE KNOWE	312850	590530										
74832	KIRKSTILE KNOWE	312820	590580										
85902	MATTHEW'S HILL	314710	593260						X		X		
74833	HOWTHAT BURN	314100	591280										
71267	CACRABANK	314230	591730										
85905	CACRABANK	314230	591730										
71206	BROOMHILLBANK	312070	590340										
74836	LANGSIDE	312400	593420						X		X		
71201	GREENSIDE PLANTATION	311800	592700						X	X			
71256	LANGSIDE CLEUCH	312000	592300										
71257	SCALE RIG	312400	591700										
71270	MATTHEW'S HILL	314000	592000										
71264	HOWTHAT BURN	314700	590400										
71250	GREENSIDE PLANTATION	311700	592500										
71752	BROOMHILLBANK HILL	313200	591200										
77085	KIRKHILL FARM	310400	592600										
77157	SAUGHTREES	312640	594880										
85907	LANGSIDE	312100	593200										
85909	LONGERHALLIS HILL	311800	591300										
85914	SAUGHTREES	312100	594700										
85917	BROOMHILLBANK HILL	313140	590980										X
85918	MEAN RIG	313210	590570										
81348	DALMAKETHAR SMITHY	310250	591340						X		X		
81349	ANNANBANK DAIRY	310230	594600										
81350	CLEUCHBRAE	310130	593230										
82884	DINWOODIE MAINS	310380	590540										
82885	WATCH HILL	310400	590540										
89729	ELBECKHILL LINN	314400	593800										
89730	ALAIS KNOWE, ELBECKHILL	314400	593540										
86699	CACRABANK HILL	314860	591840										
86700	MATTHEW'S HILL	314680	593060										X
86698	MEAN RIG	313360	590930										X
87112	CACRABANK HILL	314600	591900										
87113	CACRABANK HILL	314500	591500										
124862	CLEUCHBRAE	310200	593320										
179358	BACK BURN	313360	592900										
66386	MOLLIN	305420	593600						X		X		
66397	TANNER'S LINN, MOLLIN	305700	592550						X	X			
66409	CRUNZIERTON WOOD, RAEHILLS	306250	593750						X		X		
66410	EDGEMOOR	306930	591700						X		X		
66411	KERSE	306250	590950						X		X		
66413	WILLIAMSON	309000	593080										
66414	GARREL SCHOOL HOUSE	305530	590520										
66389	COGRIE SCHOOLHOUSE	307000	594000										
66390	JOHNSTONE PARISH	305000	590000										

NUMLINK	NMRSNAME	northing	easting	Roman fort	fortlet	Roman camp	Roman find	Roman coins	enclosure	rectilinear enclosure	circular enclosure	nia	crannog
66404	HENNIE'S HILL	307330	594490						X				
73814	KERSE	306400	590400										
69362	KIRKBANK	309630	590240										
90181	FLOSHLANDS WOOD	306940	594500						X	X			
73819	MOLLIN	305570	592670						X		X		
85059	MOLLIN	305210	592650						X		X		
90204	RAEHILLS HOUSE, WALLED GARDENS AND GARDENER'S HOUSE	306711	593868										
72817	RAEHILLS	306280	594380										
72922	KINNELHALL	307270	594060						X				
81185	DYKEHEAD	309930	592860										
81186	DYKEHEAD	309950	592700										
85085	JOHNSTONECLEUGH	308810	590870						X	X			
85086	JOHNSTONECLEUGH	309100	590600						X	X			
179163	OVER COURANCE	305170	591190										
66416	WALLACE'S HOUSE	303440	590840										
66419	DAVIE'S KIRK	304740	591900										
66420	MAGGIEMAUT'S KNOWE	304540	591400										

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