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### *The siting and layout of native settlements in the north east of England*

Paul R. Middleton

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PART 2 MAPS AND DIAGRAMS

Page

LIST OF MAPS

i

1	North-West England Solid Geology	177
2	Lake District Geology and native sites	178
3	East of Carlisle Soil Texture and native sites	179
4	North Northumberland Fluvio-Glacial Sand and Gravel and native sites	180
5	Rothbury Drift Geology	181
6	Northumberland Solid Geology, Carboniferous Limestone, Coal Measures and native sites	182
7	Tyne Corridor - siting and native sites	183
8	Durham Drift Geology	184
9	Alnwick and Rothbury Drift Geology	185
10	North Northumberland Solid Geology, Ordovician Silurian, Cementstone and native sites	186
11	Northumberland and Durham Igneous Rocks and native sites	187
12	North Northumberland Fell Sandstone and native sites	188
13	Northumberland Solid Geology, Scremerston Coal, Millstone Grit, and native sites	189
14	Mid-West Northumberland Relief, Drainage and native sites	190
15	Durham Solid Geology, Millstone Grit, Magnesian Limestone, Bunter Sandstone and native sites	191
16	Durham Solid Geology, Coal Measures, Carbon- iferous Limestone and native sites	192
17	North England Rainfall and native sites	193
18	Durham Land Quality and native sites	194
19	Northumberland Land Quality and native sites	195

	Page
20 North Hexham Land Use and native sites	196
21 Alnwick Land Use and native sites	197
22 Appleby Land Use and Native sites	198
23 Cumberland, Westmorland, Durham and Lancs-North-of-the-Sands defended native sites	199
24 Crosby Ravensworth and Asby siting of native settlements	200
25 North England defended native sites	201
26 North Northumberland Relief and native sites	202
27 North Cheviot Relief and Drainage and native sites	203
28 North Tynedale Relief and native sites	204
29 Northumberland native site groups and Roman sites	205
30 North Cheviot Aspect and Intervisibility of native sites	206
31 Crosby Ravensworth and Asby Aspect and Intervisibility and native sites	207
32 Bellingham/Kirkwhelpington Aspect and Intervisibility and native sites	208
33 North Cheviot Groups from Triangular Graph	209
34 Bellingham/Kirkwhelpington Groups from Triangular Graph	210
35 Crosby Ravensworth and Asby Groups from Triangular Graph	211
36 Westmorland Roman and native A and B	212
37 Westmorland Population Potential	214
38 Westmorland Population Potential Isoline Map	215
39 Northumberland Population Potential Isoline Map	216

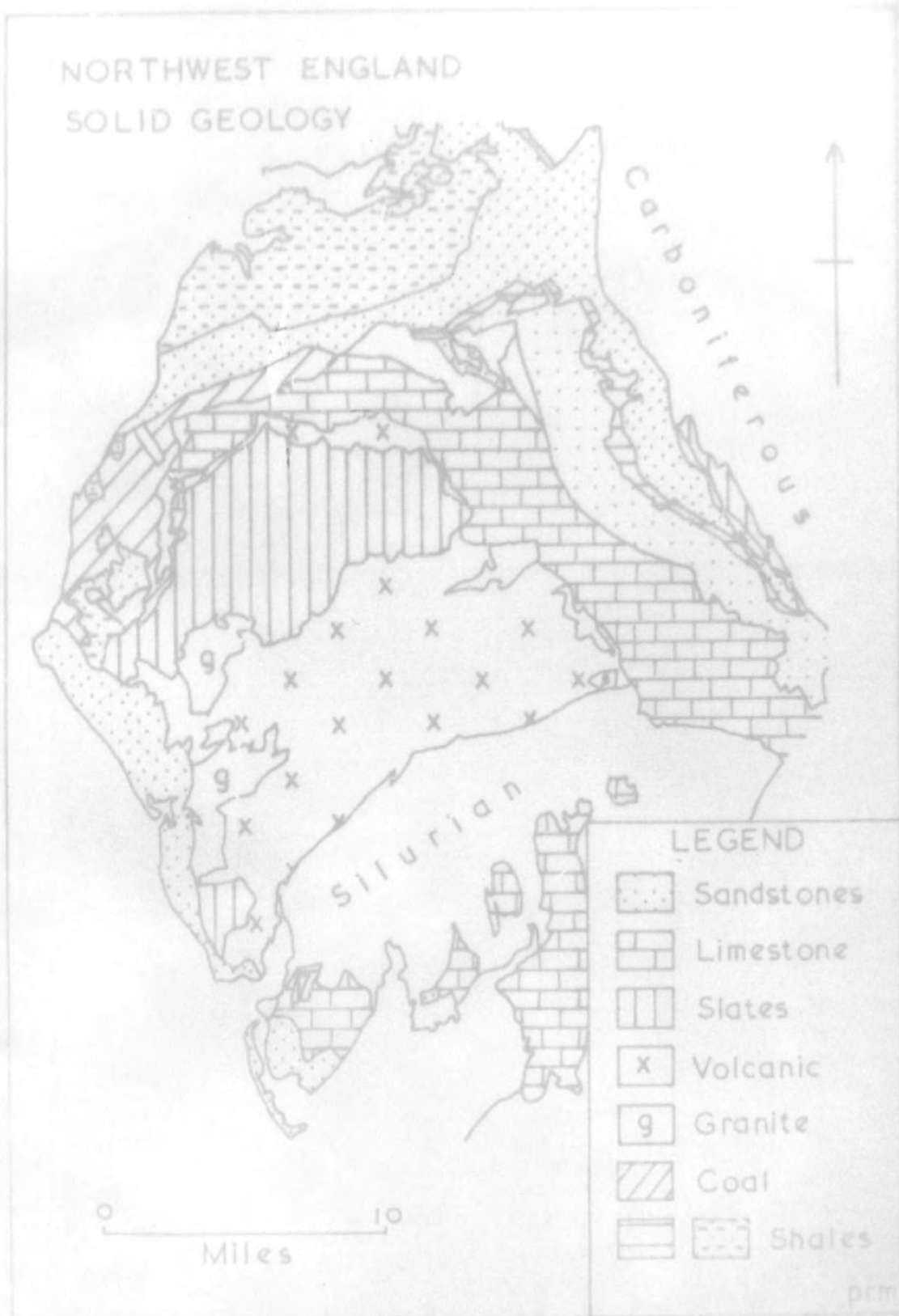
	Page
40 North Northumberland Roman-Native Relationships	217
41 North Northumberland Stone-Built Settlements and Roman Forts	218

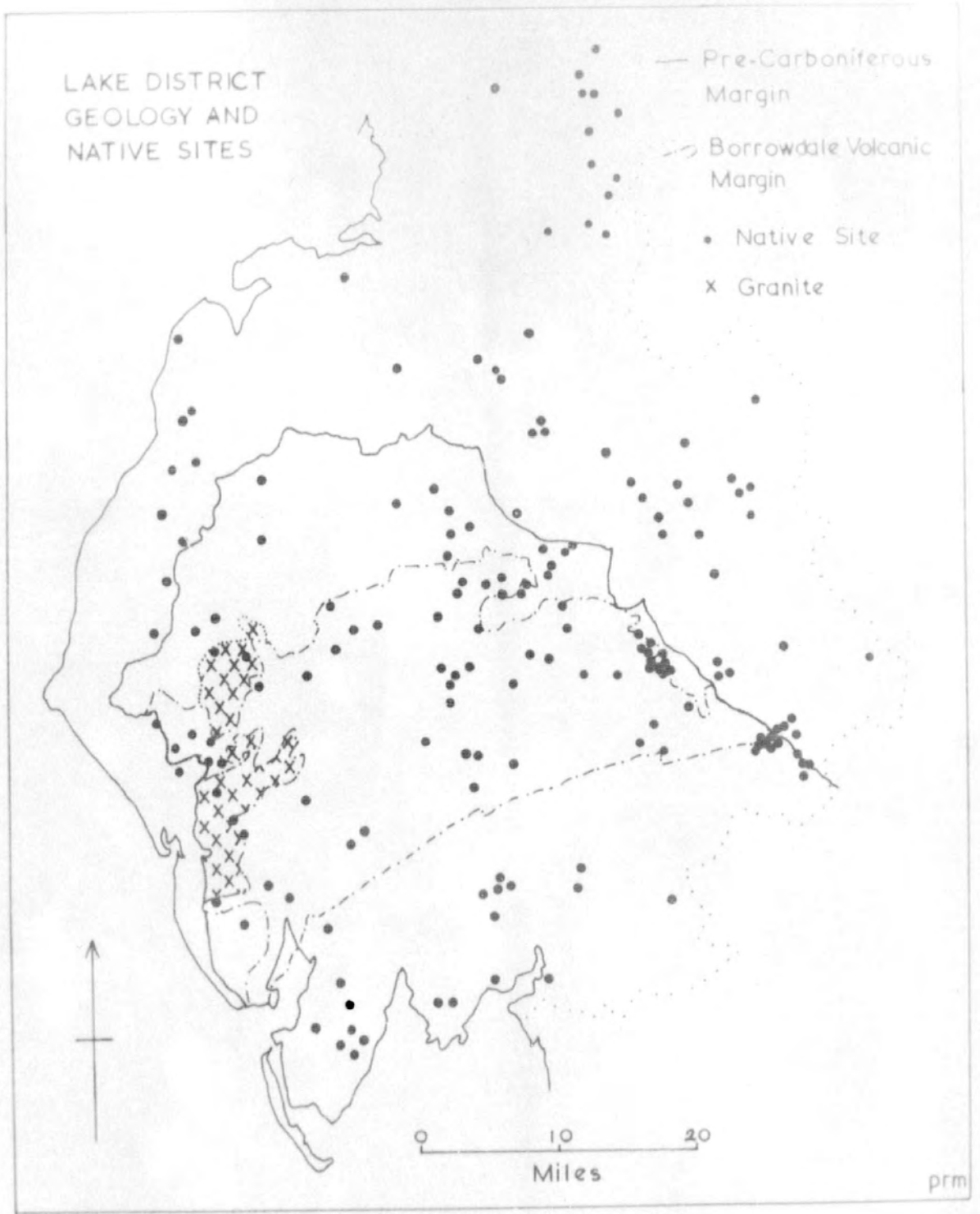
LIST OF DIAGRAMS

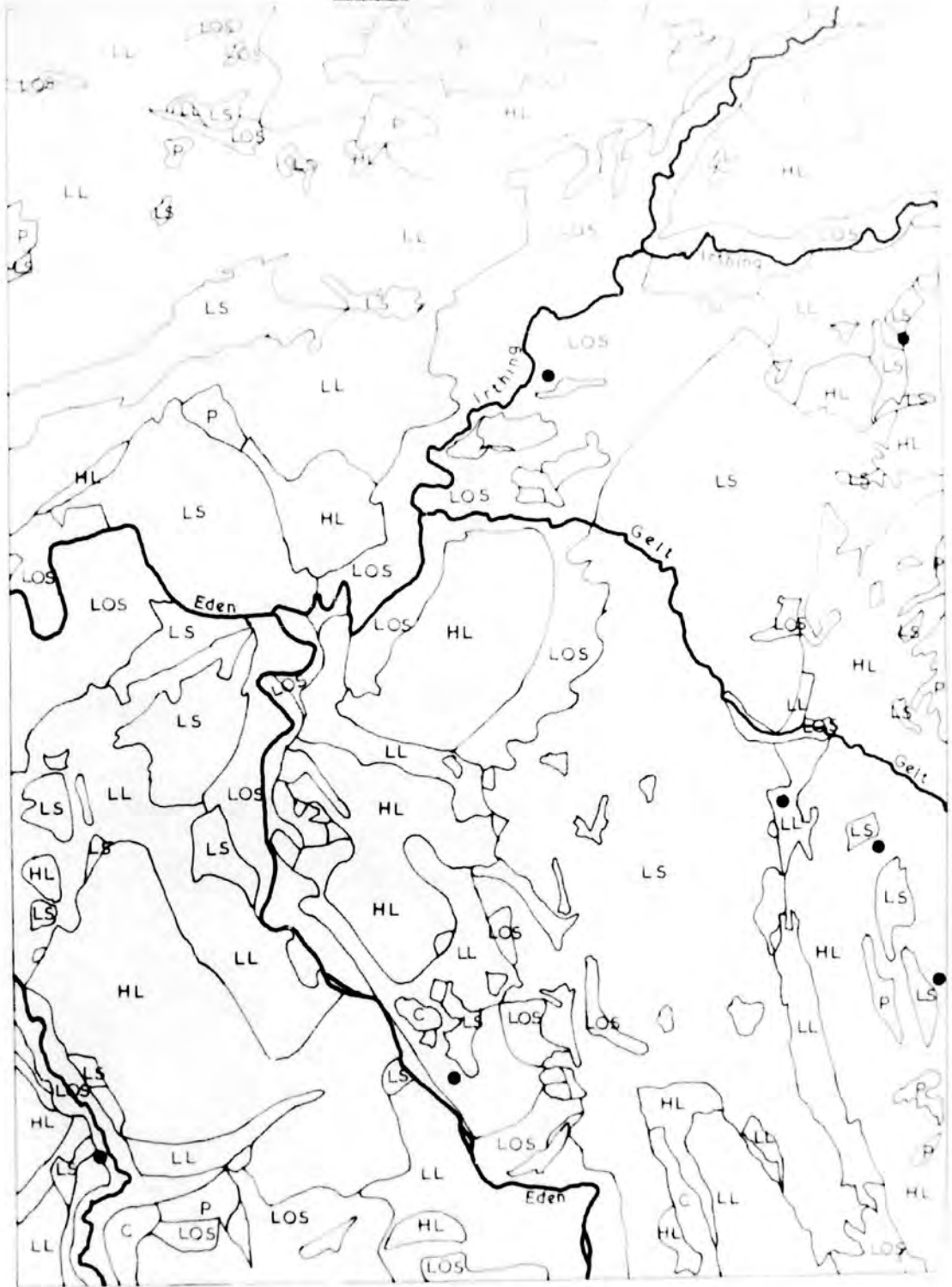
1	Stratigraphy of Mosses of Peat in Lonsdale, North Lancashire	50
2	North England defended sites Height and Acreage	219
3	Westmorland Parish Height comparisons	220
4	North England defended sites and Density	221
5	North Cheviot site Height analysis A and B	222
6	Significance in different parts of the Triangle	224
7	North Cheviot Accumulative Aspect Graph	225
8	Bellingham/Kirkwhelpington Accumulative Aspect Graph	226
9	Crosby Ravensworth and Asby Accumulative Aspect Graph	227
10	North Cheviot sites plotting three variables by weighting	228
11	North Cheviot sites Major Groupings	229
12	Bellingham/Kirkwhelpington sites Major Groupings A and B	230
13	Bellingham/Kirkwhelpington plotting three variables by weighting	231
14	Crosby Ravensworth and Asby plotting three variables by weighting	232
15	Crosby Ravensworth and Asby sites Major Groupings	233
16	Area Comparisons 1	234
17	Area Comparisons 2	235
18	Area Comparisons 3	236
19	Bellingham/Kirkwhelpington Height and Intervisibility	237

	Page
20 Northumberland Roman/Native Relationship	238
21 North Northumberland Stone-Built Settlements and Roman Forts	239

M A P S



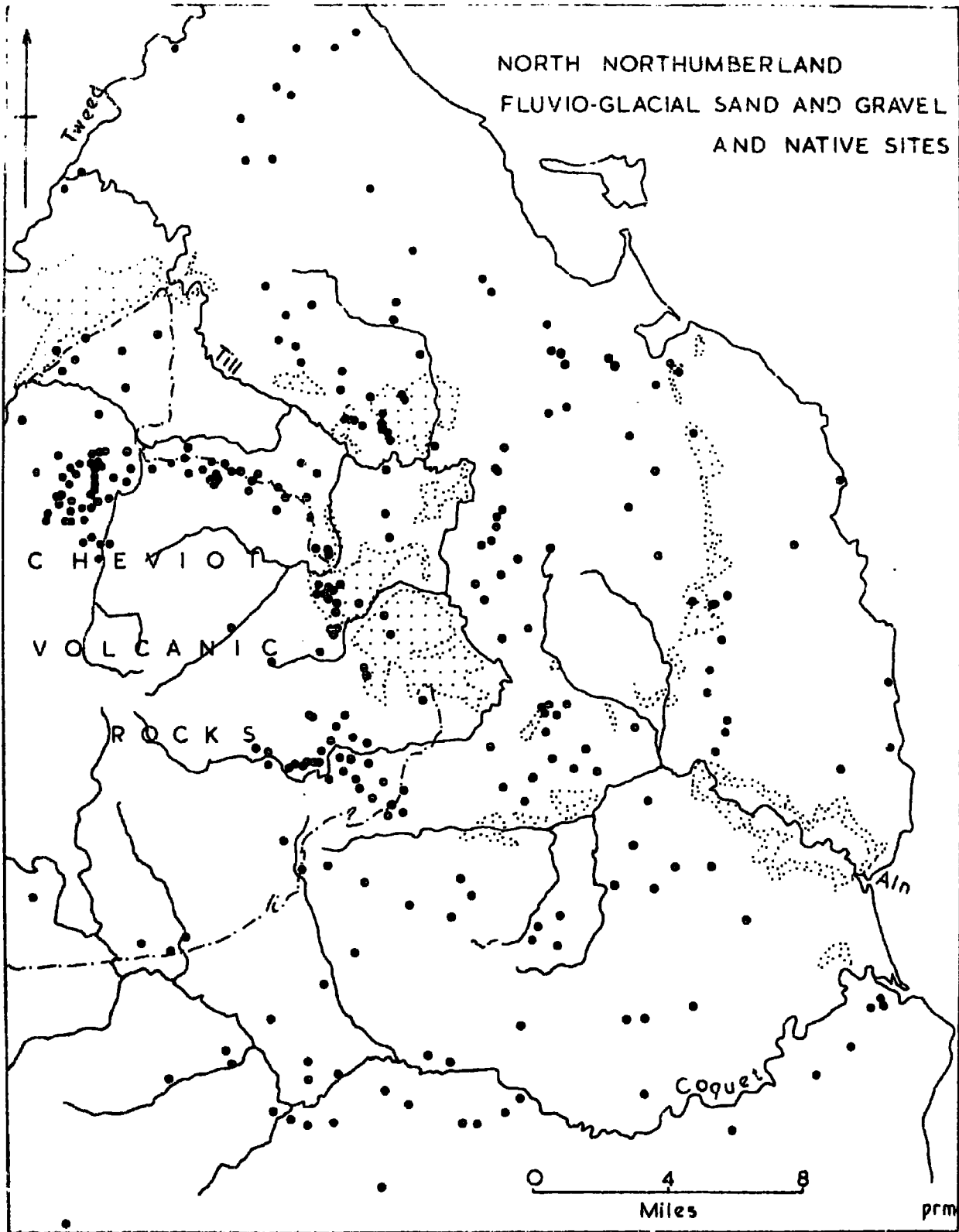


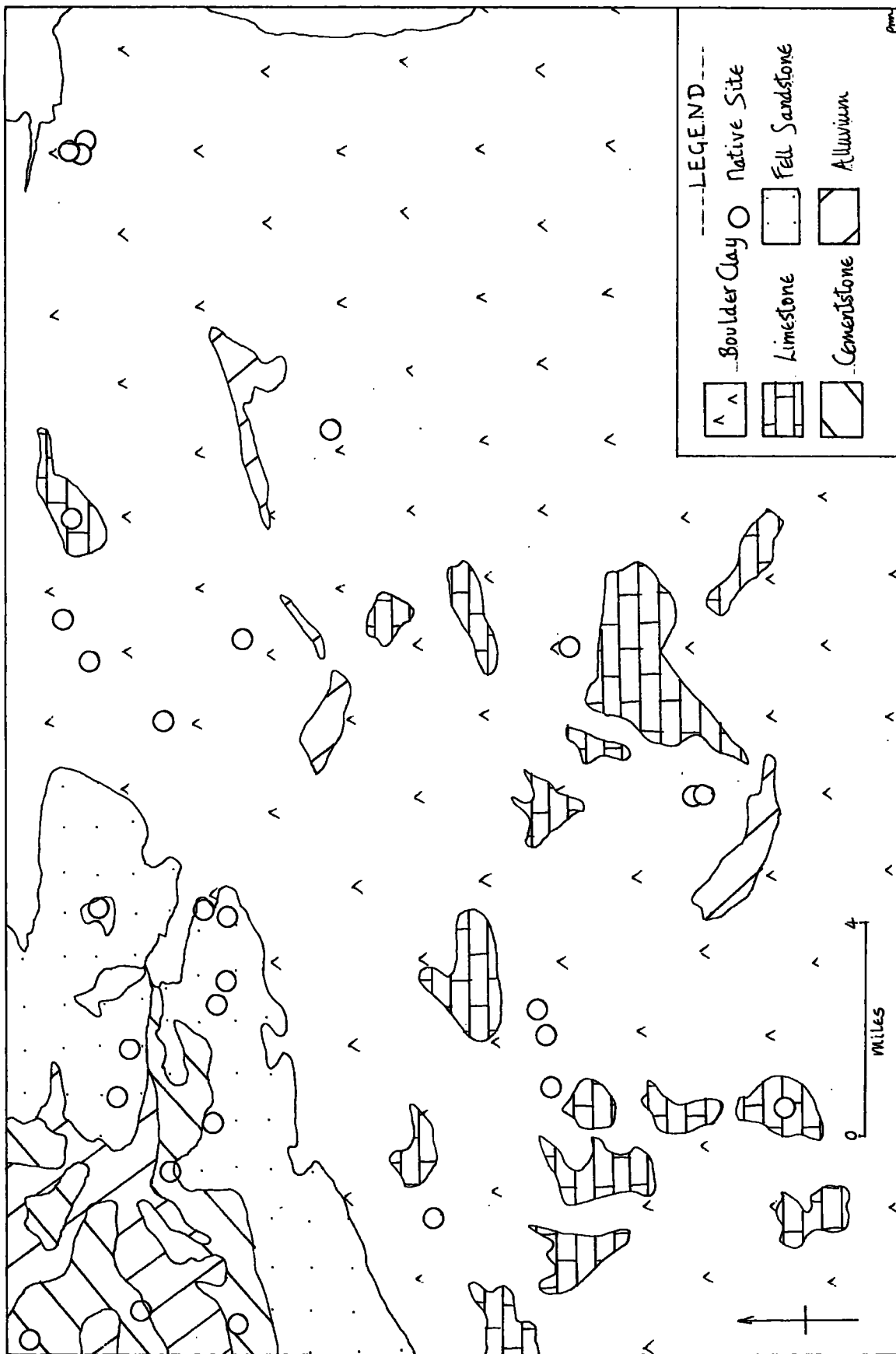


EAST CARLISLE - SOIL TEXTURE AND NATIVE SITES

C Clay    P Peat    LS Light Sand  
 LOS Loamy Sand    LL Light Loam    HL Heavy Loam



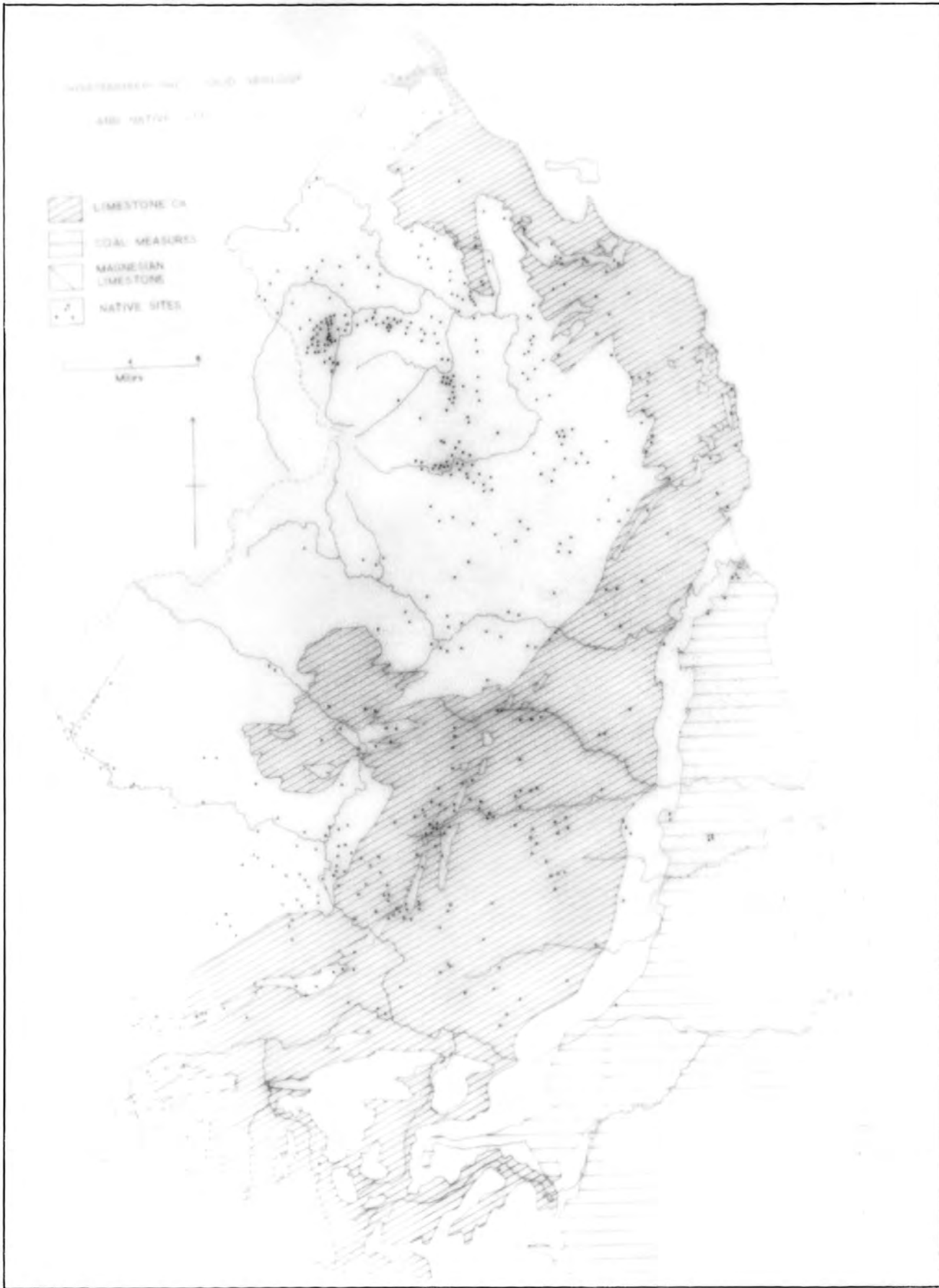




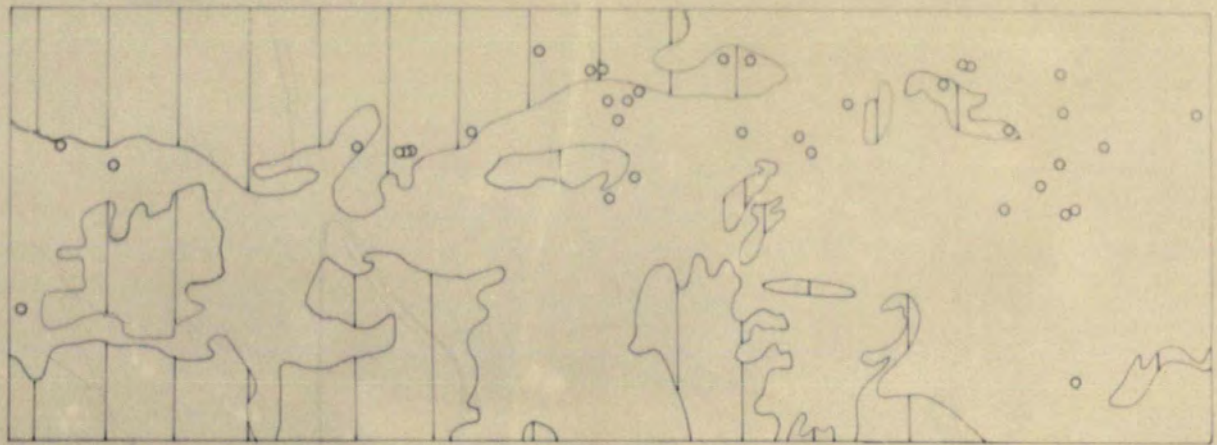
WESTERN-PAK OLD WORLD  
AND NATIVE SITES

-  LIMESTONE CA
-  COAL MEASURES
-  MADAGASCAN LIMESTONE
-  NATIVE SITES

0 4  
Miles



# TYNE CORRIDOR - SITING OF NATIVE SITES



LIMITS OF FARMLAND



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SAND AND GRAVEL AND ALLUVIUM



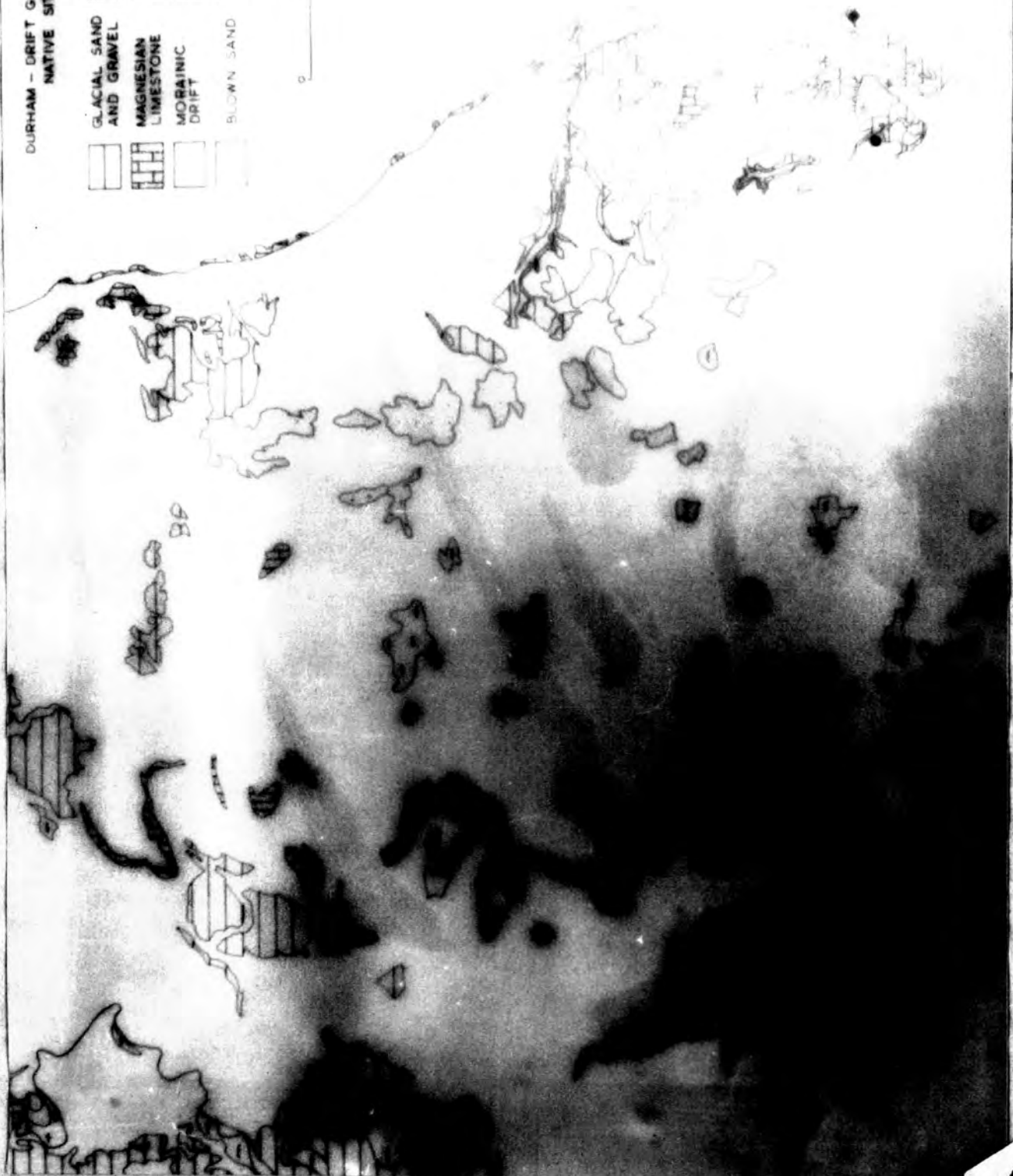
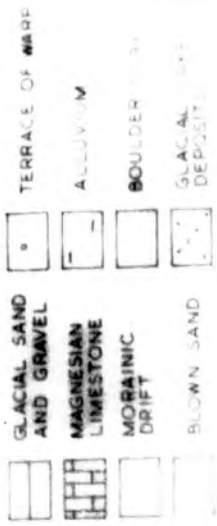
RELIEF

 Sand and Gravel	 Alluvium
---	--

 Modern Settlement	 Native Site
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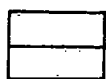
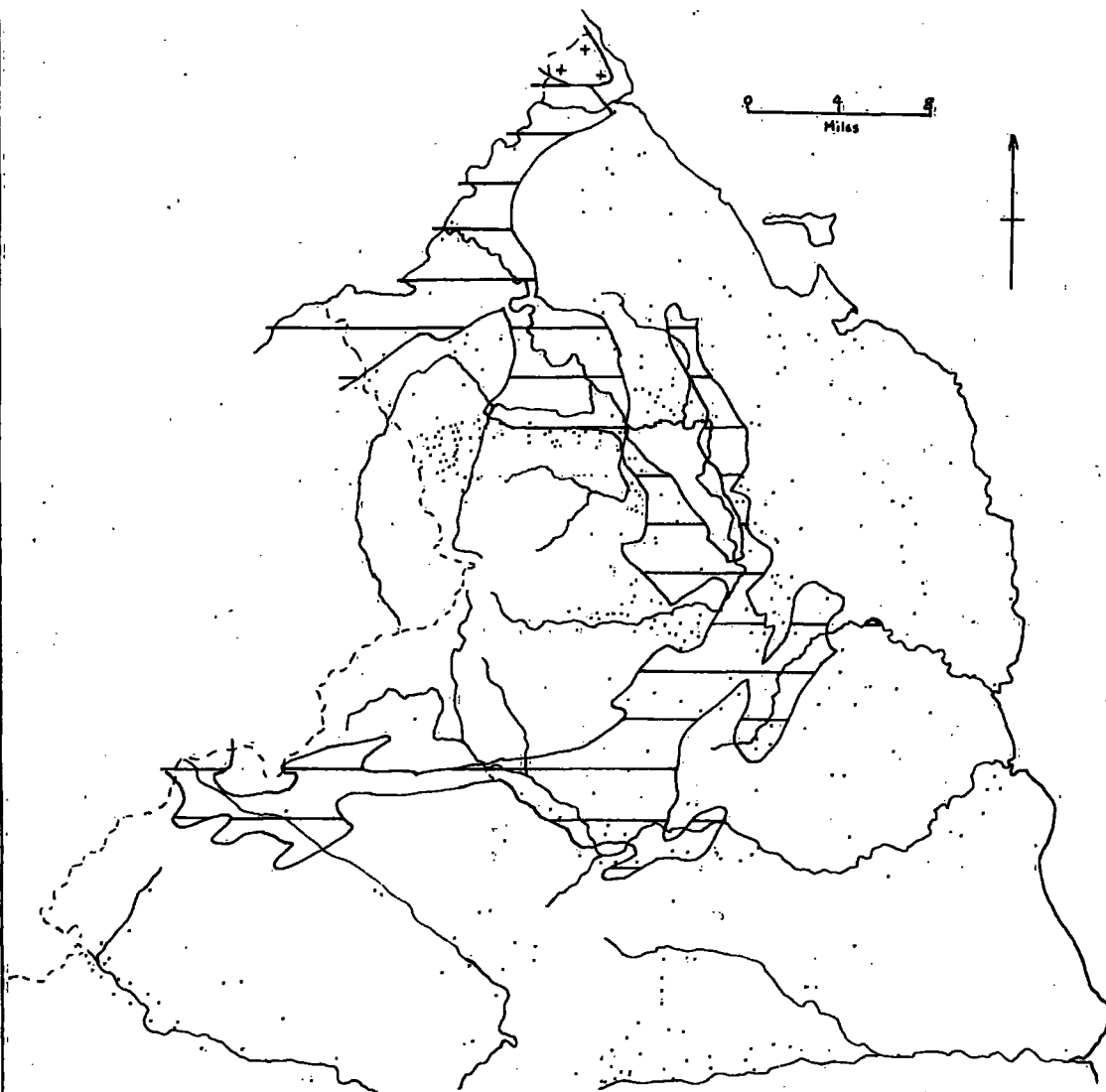
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DURHAM - DRIFT GEOLOGY AND NATIVE SITES

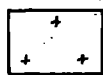




NORTH NORTHUMBERLAND  
SOLID GEOLOGY AND  
NATIVE SITES



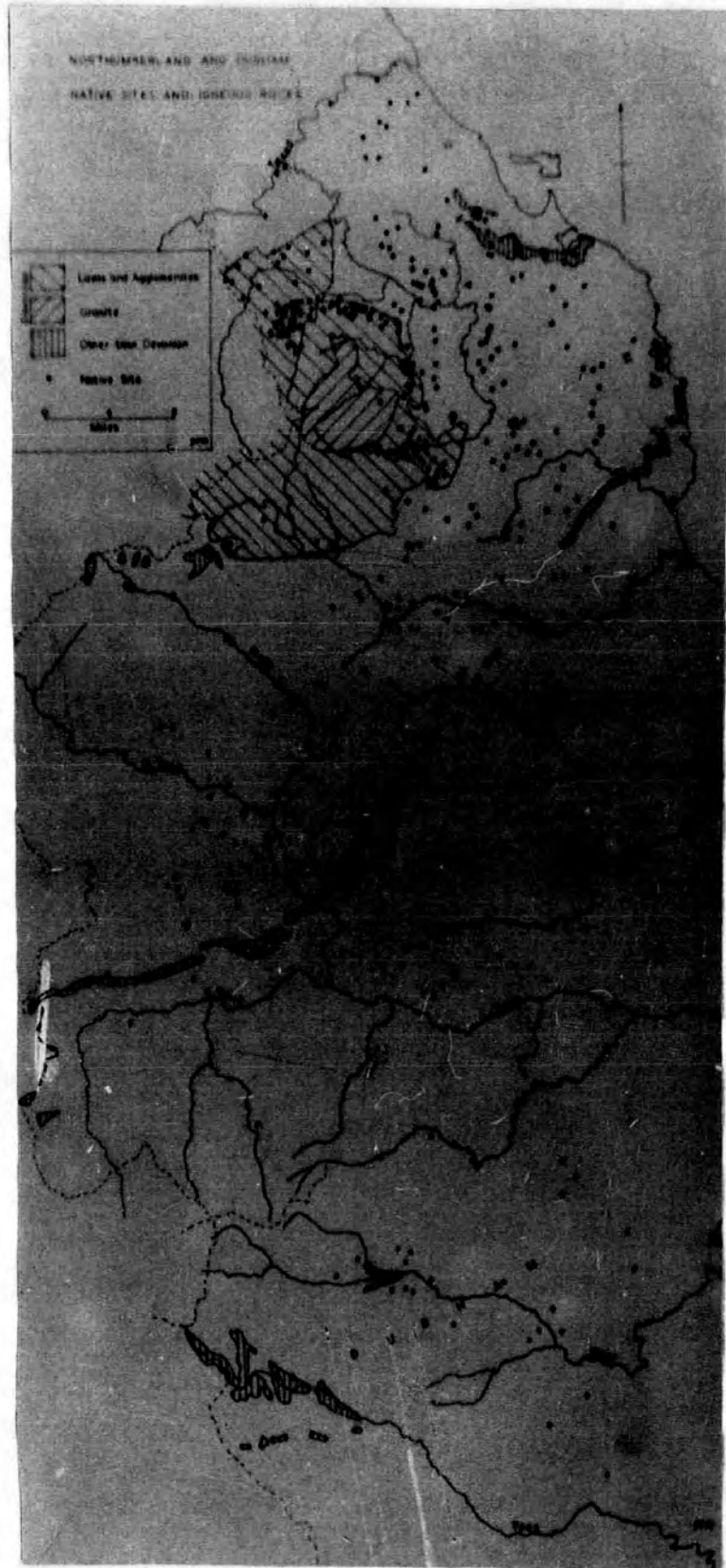
Cementstone



Ordovician and Silurian

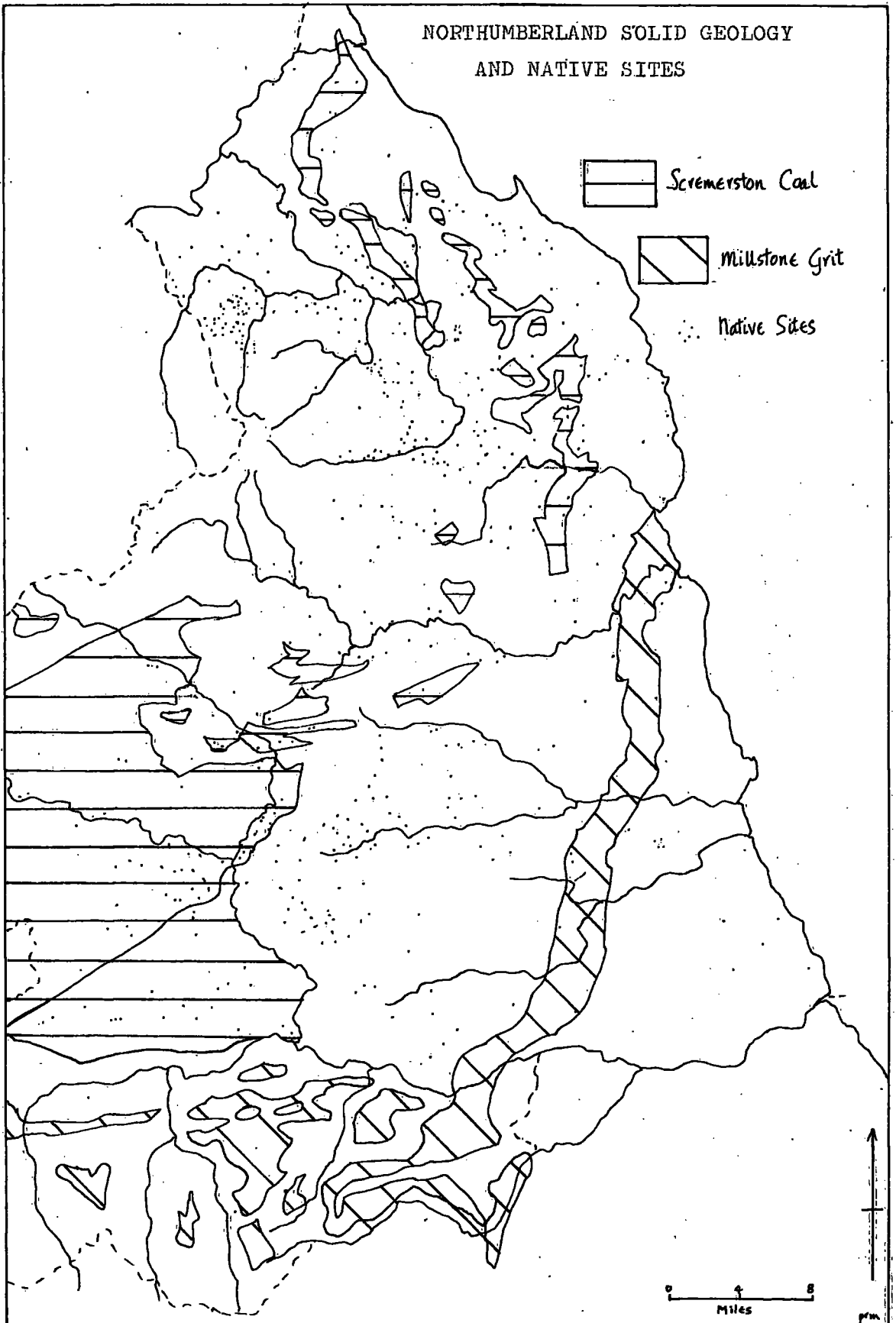


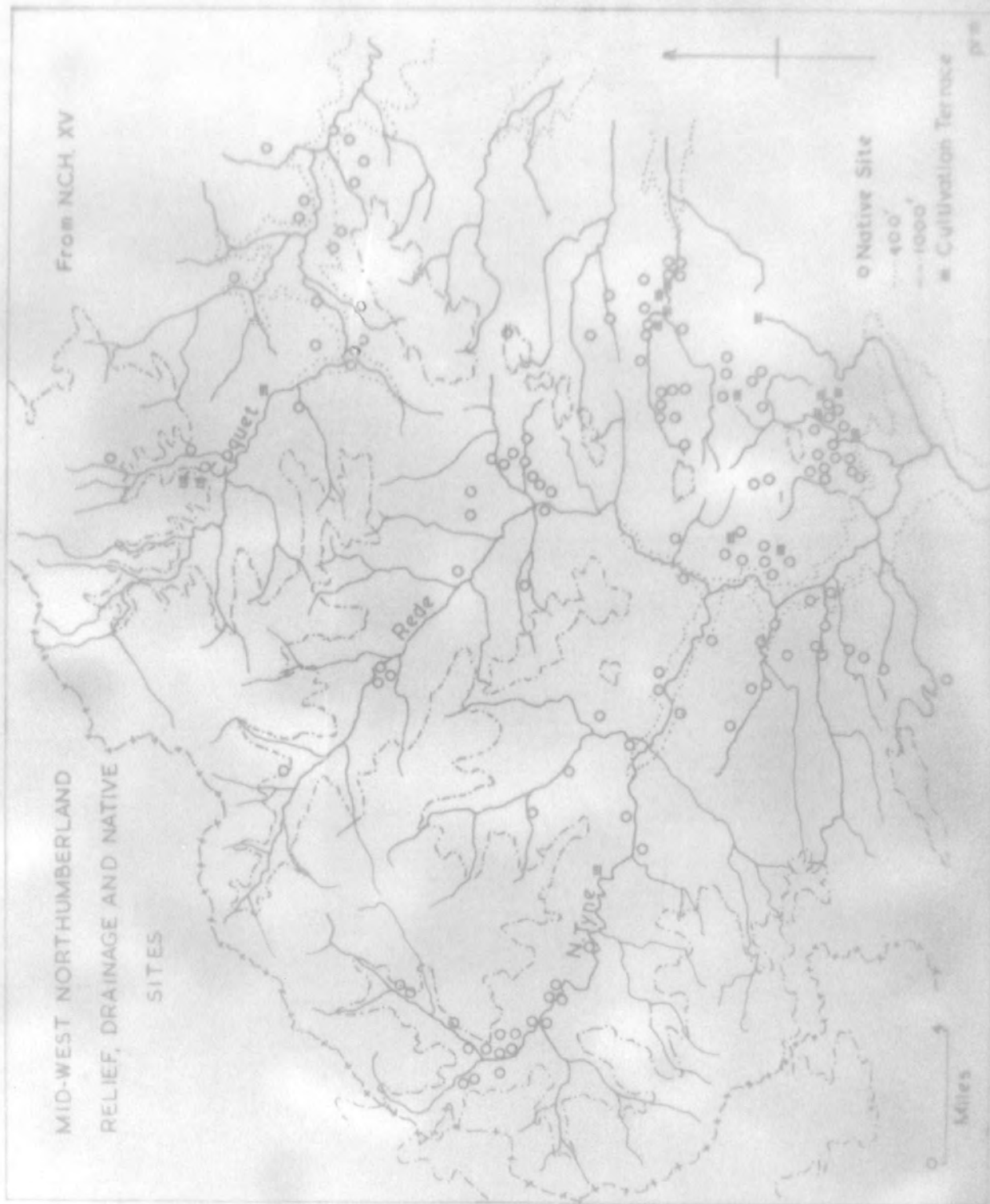
Native Sites

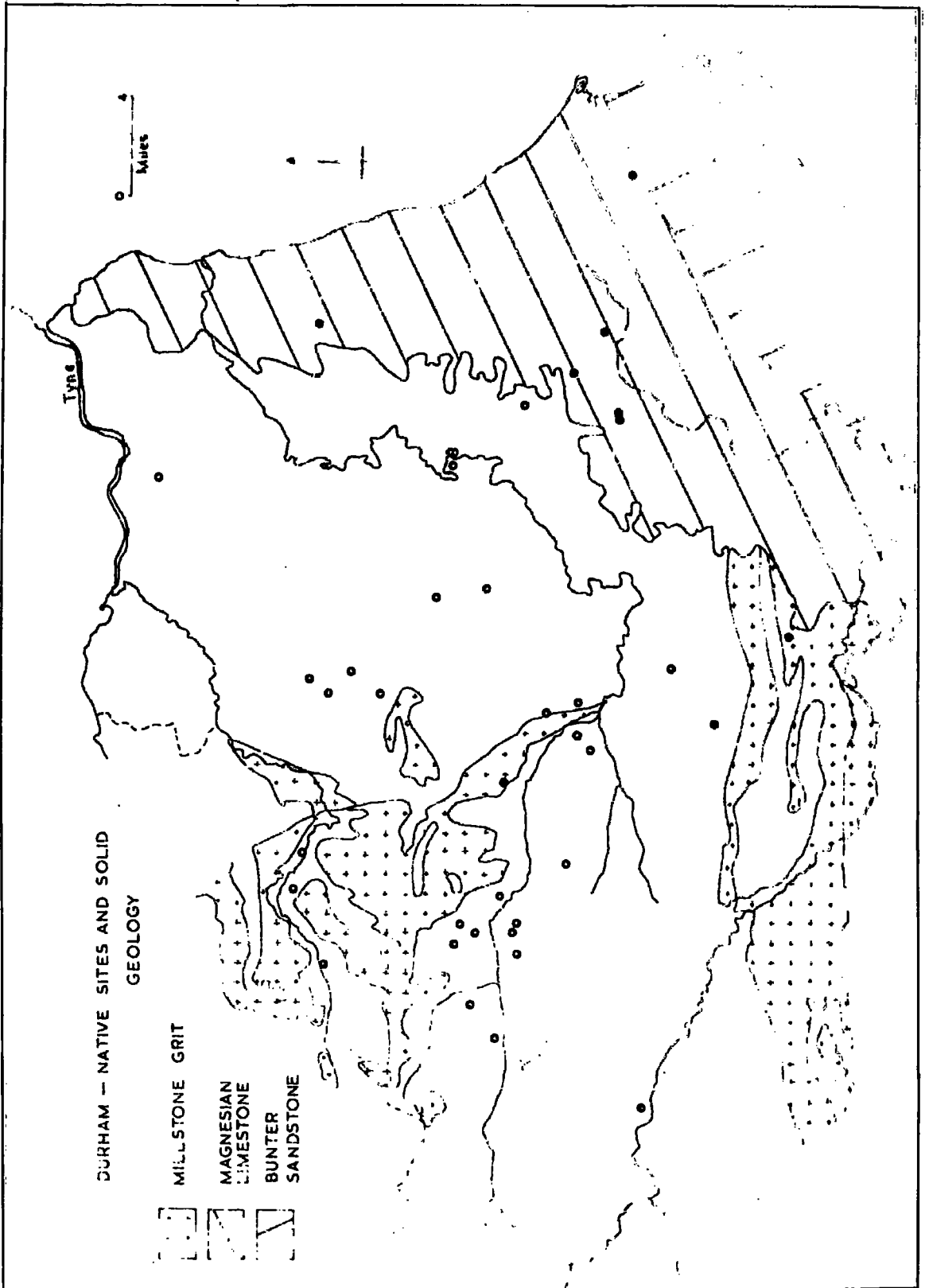




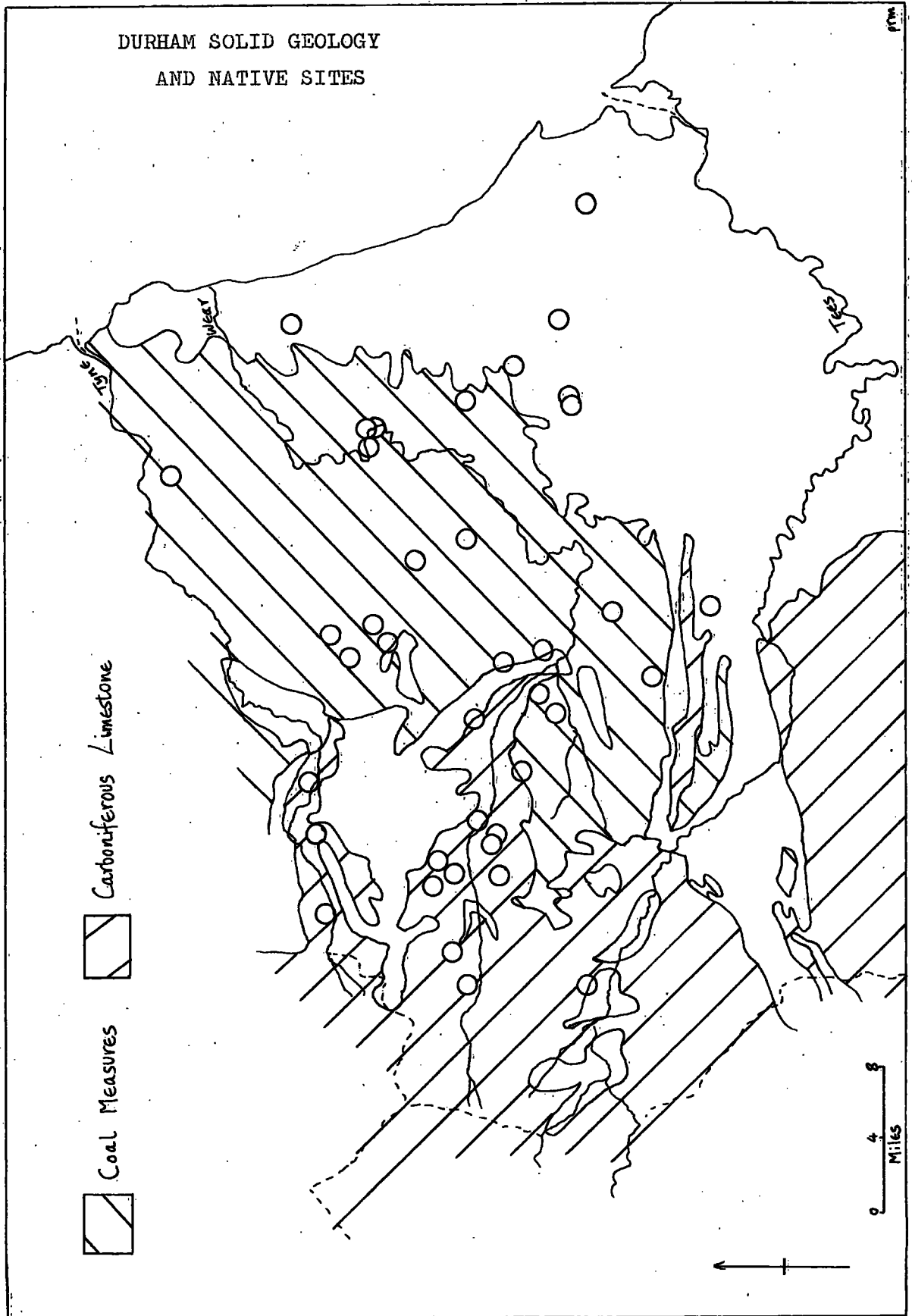
NORTHUMBERLAND SOLID GEOLOGY  
AND NATIVE SITES



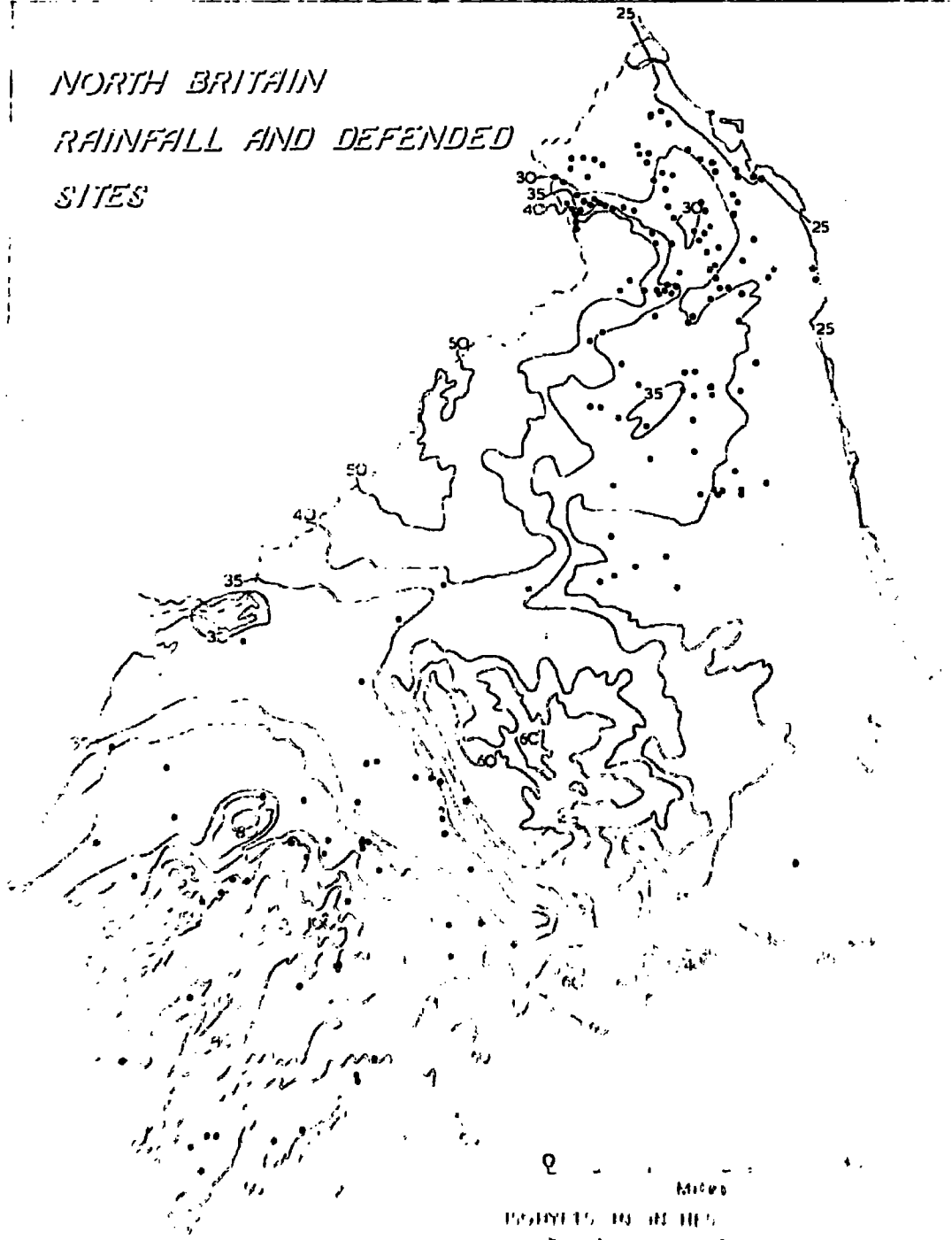




DURHAM SOLID GEOLOGY  
AND NATIVE SITES

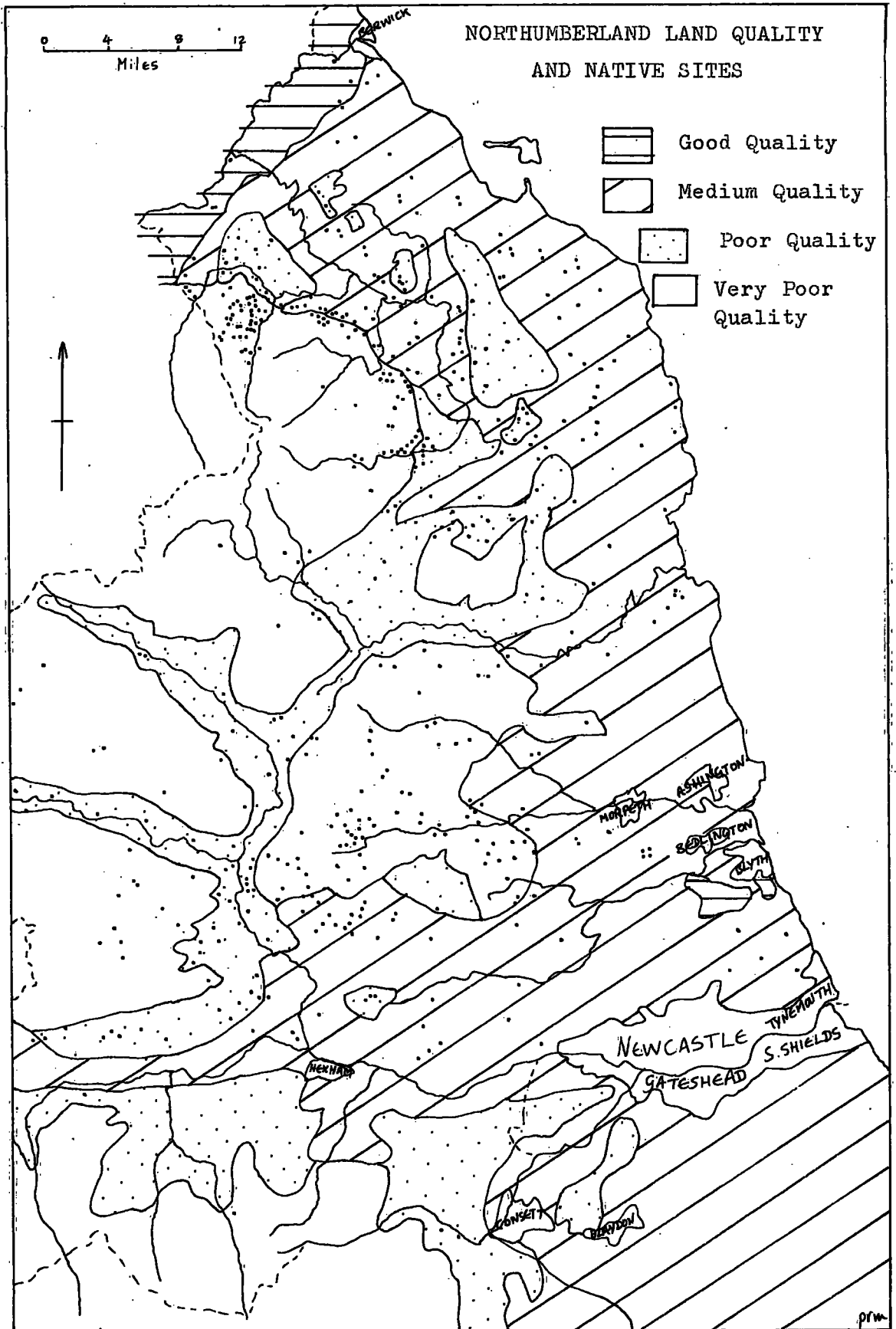


*NORTH BRITAIN  
RAINFALL AND DEFENDED  
SITES*



0 10 20 Miles  
INCHES TO THE MILE







Heath and Moorland



Grassland



Forest and Heath



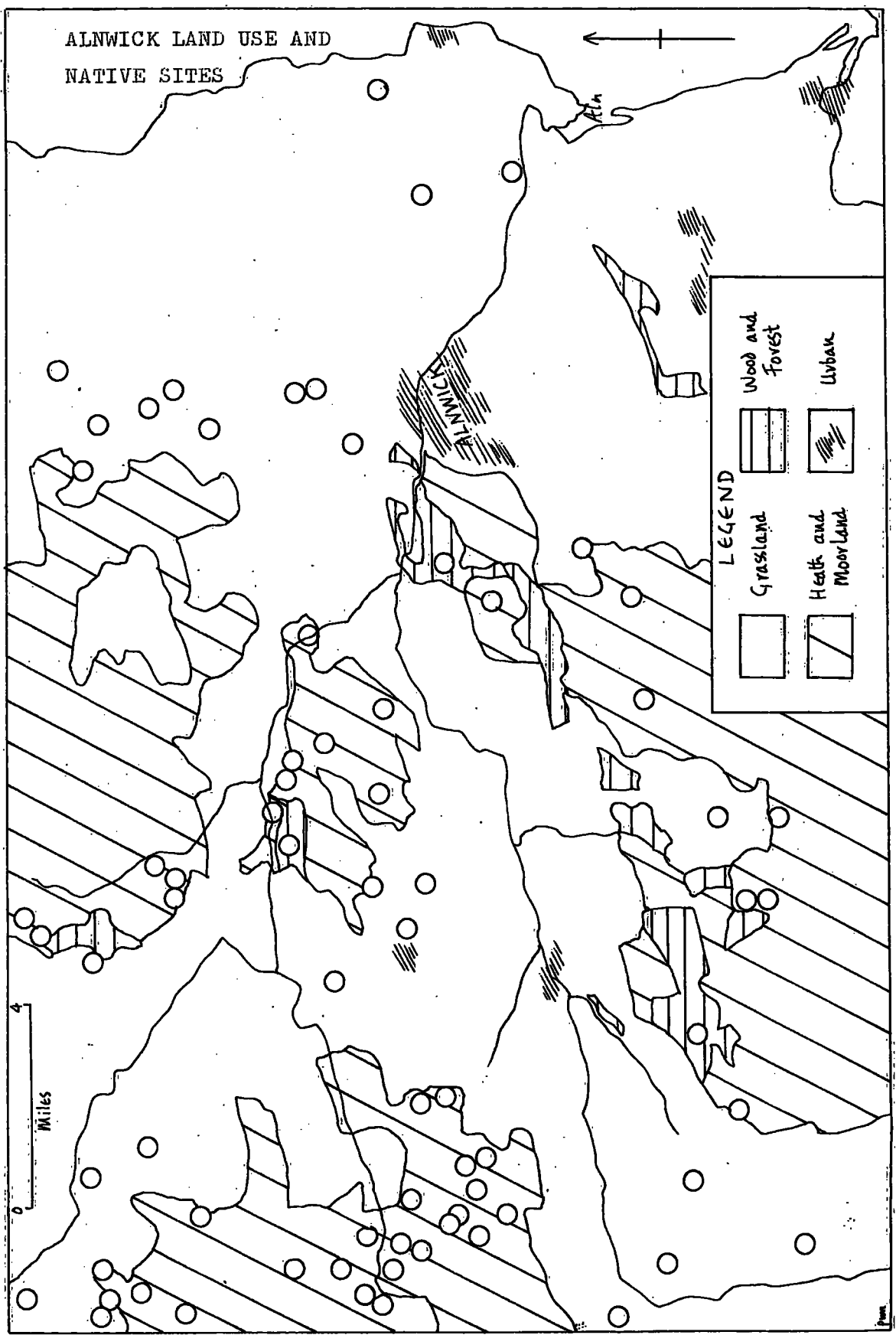
Urban

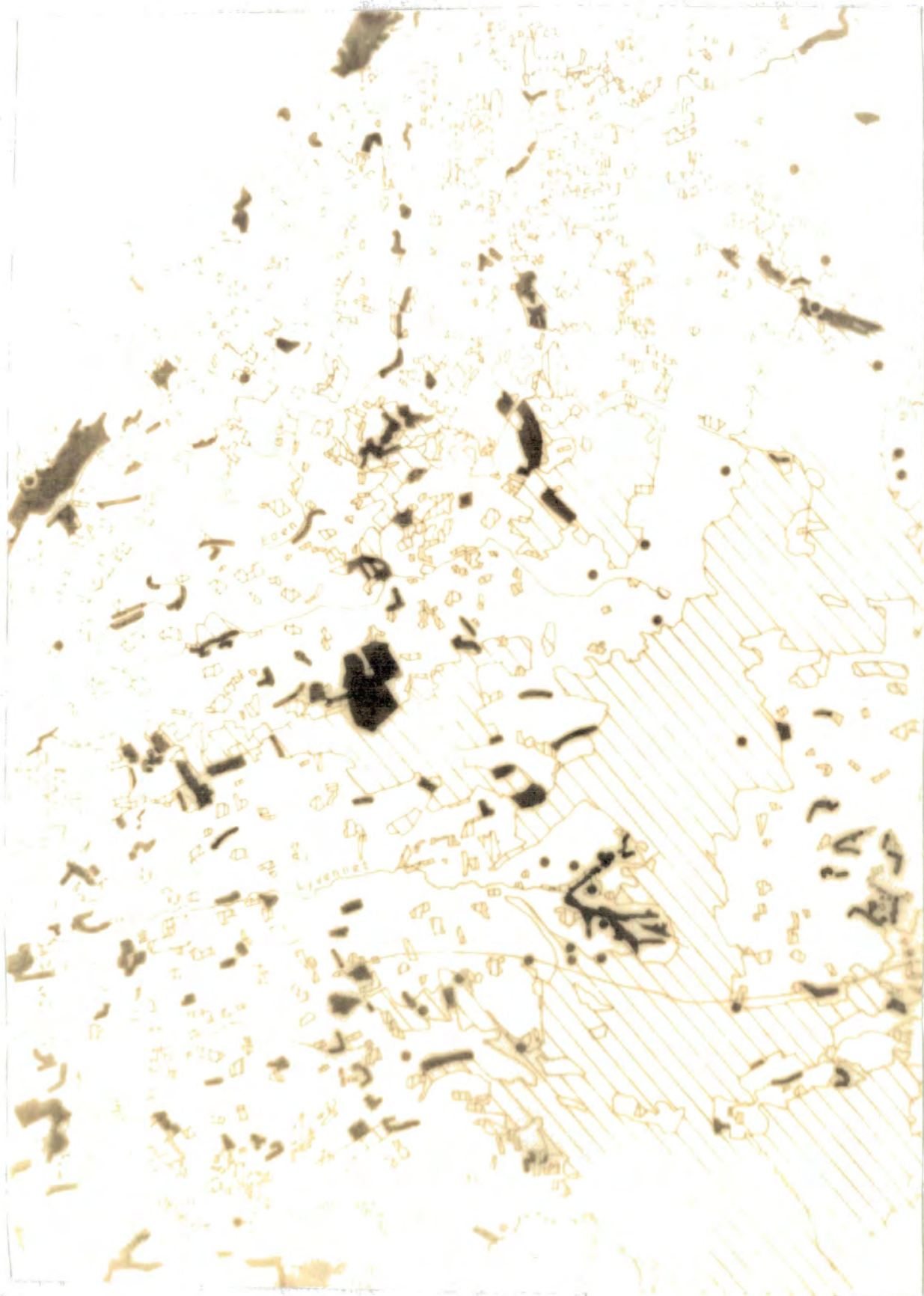


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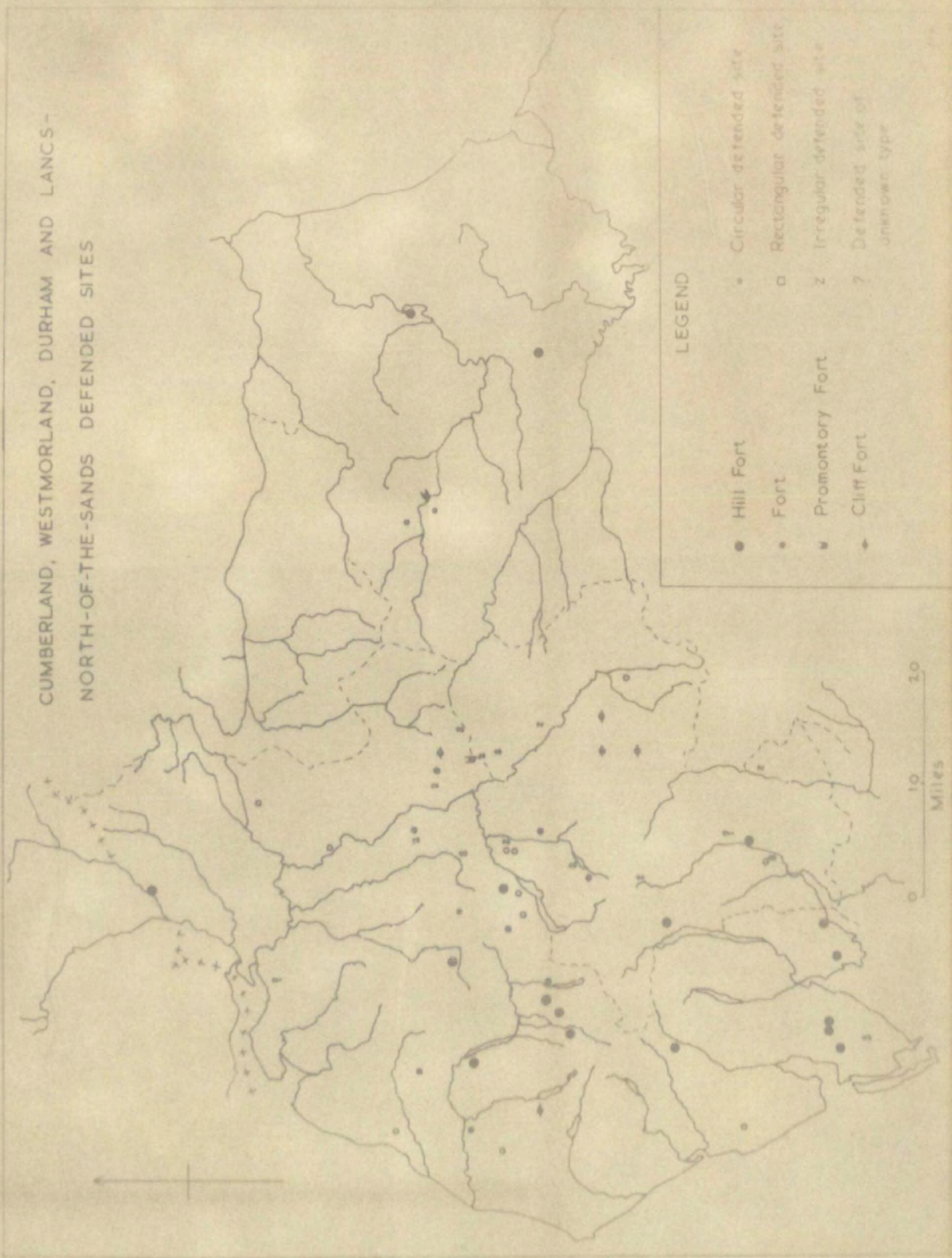


Native Site





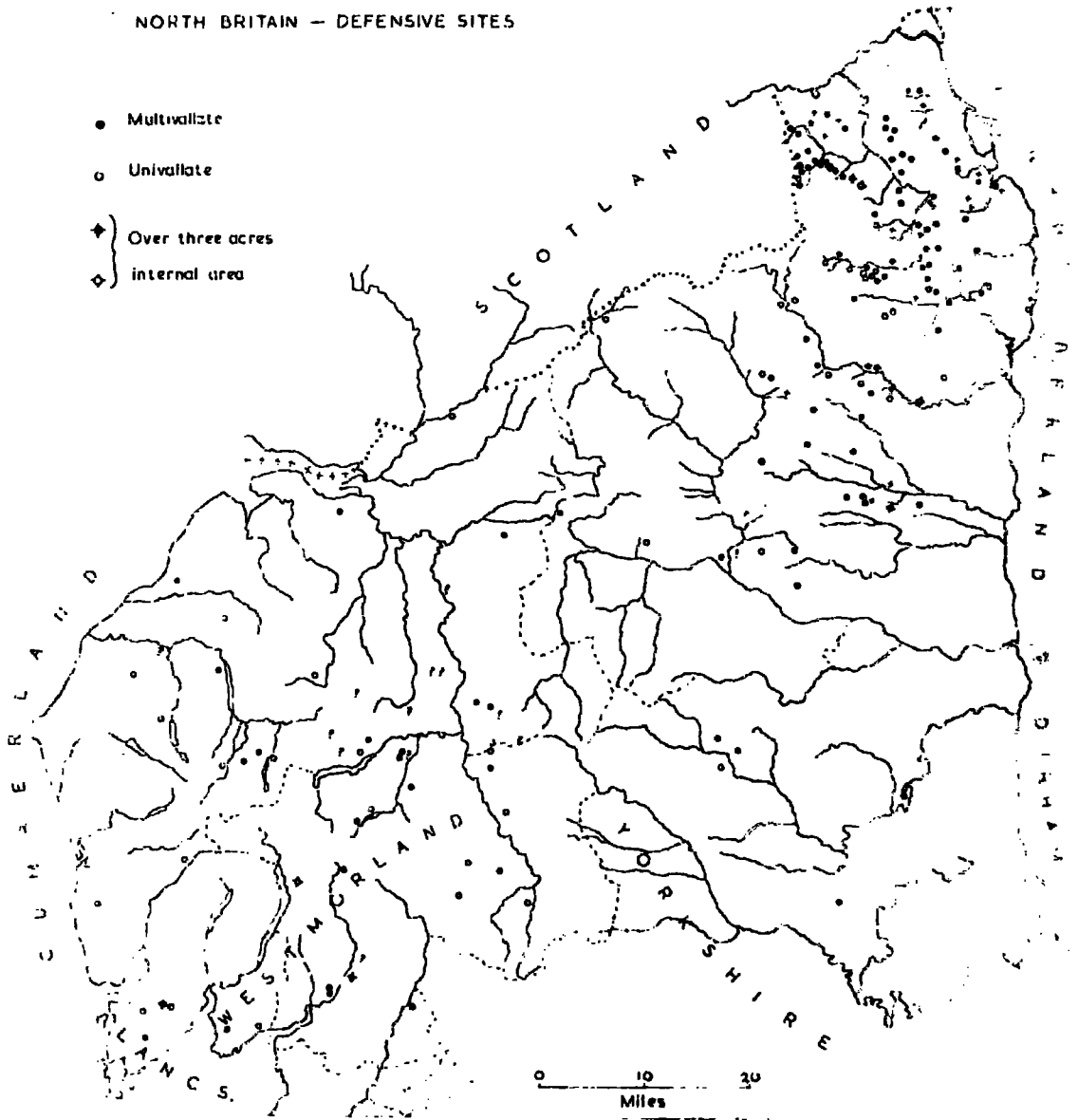
CUMBERLAND, WESTMORLAND, DURHAM AND LANCS -  
NORTH-OF-THE-SANDS DEFENDED SITES



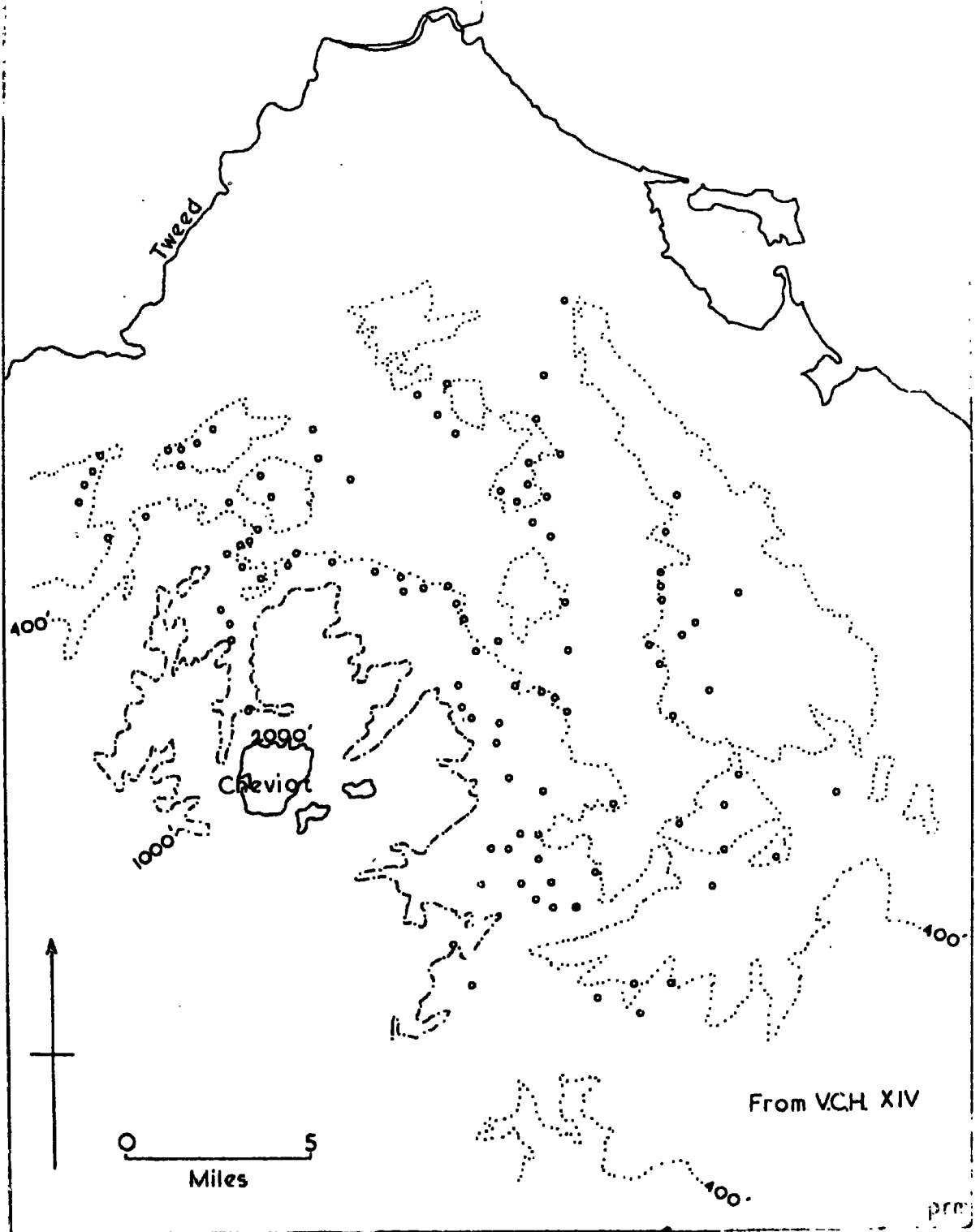


NORTH BRITAIN - DEFENSIVE SITES

- Multivallate
- Univallate
- ◆ } Over three acres
- ◇ } internal area

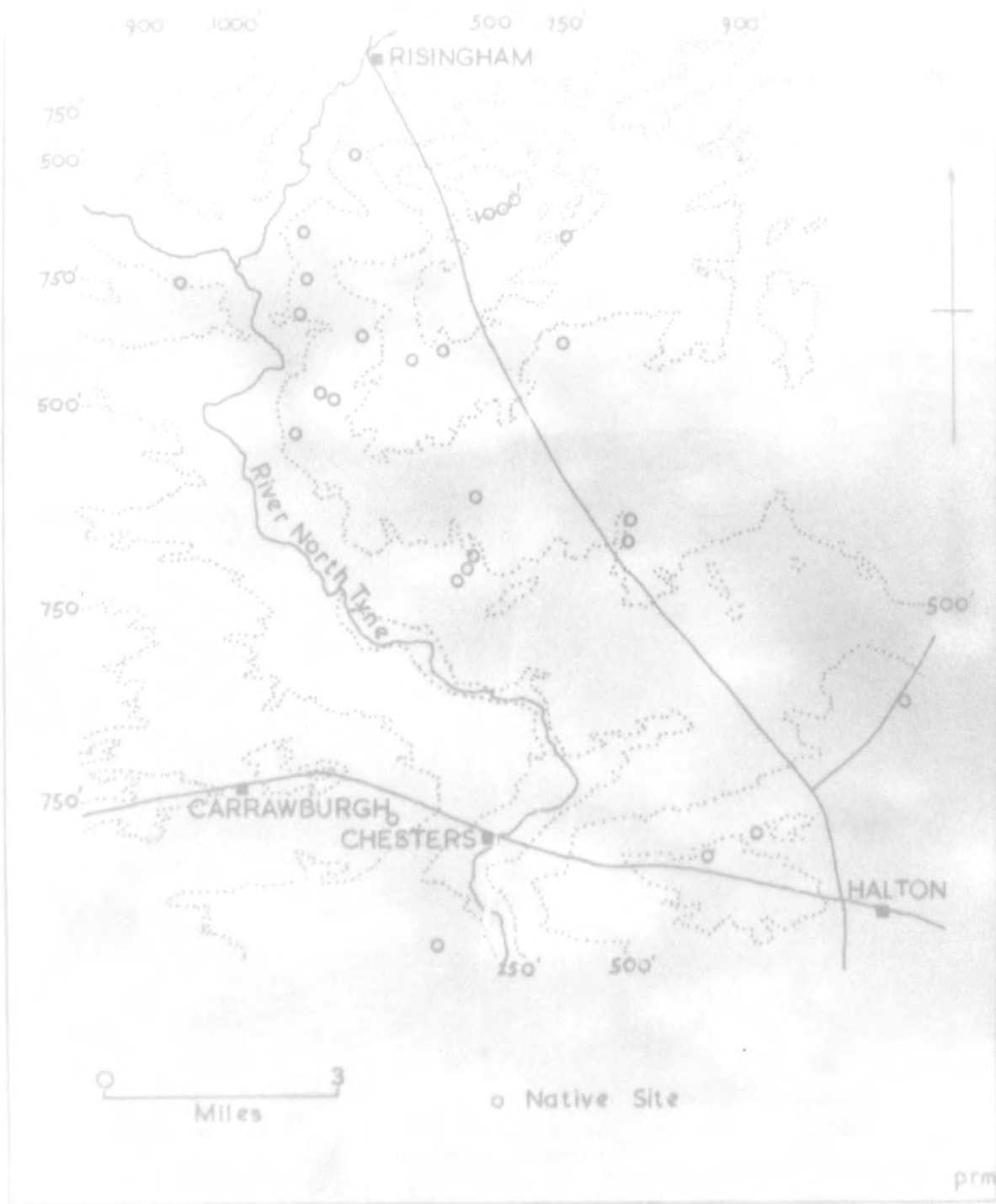


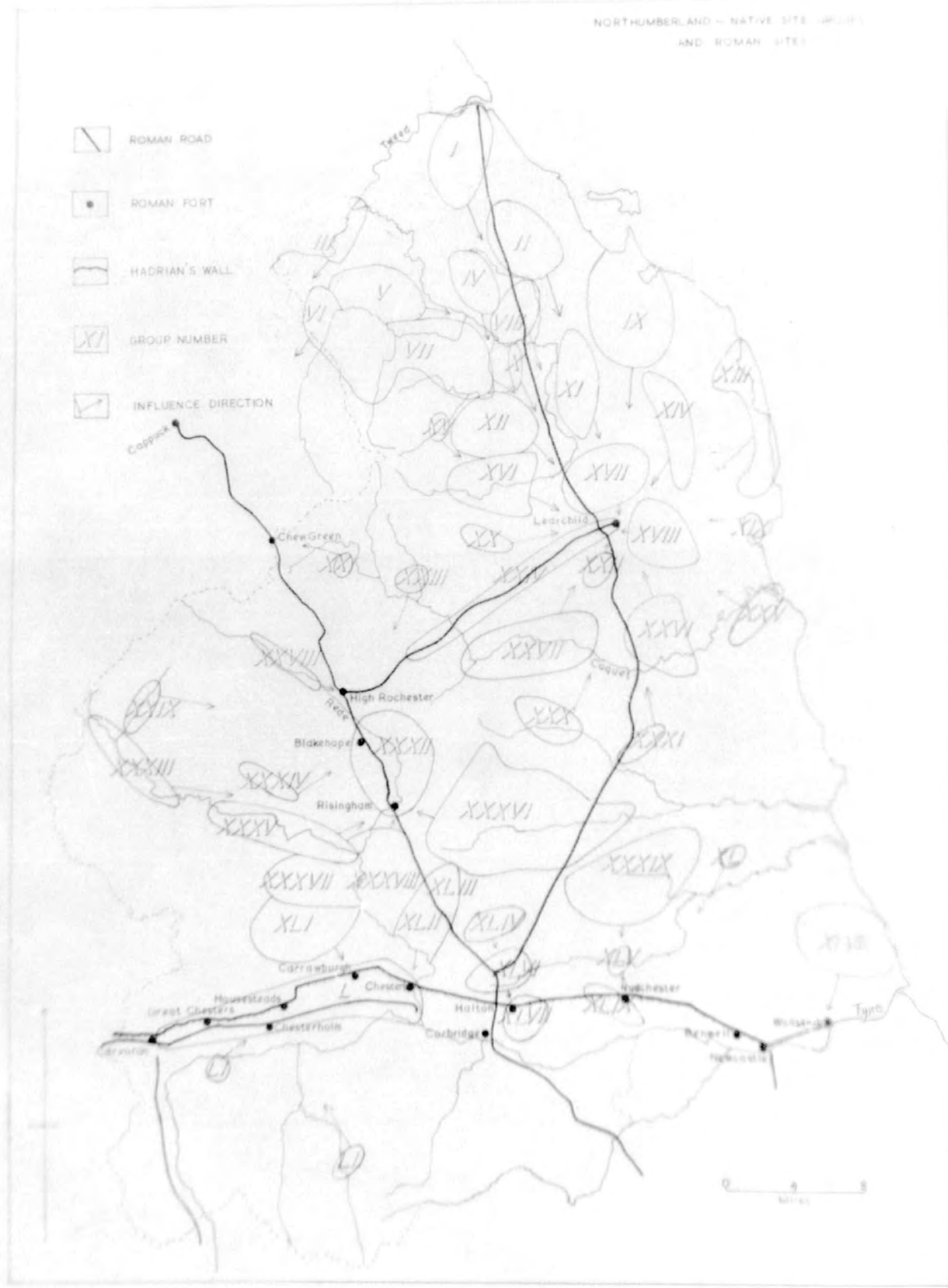
NORTH NORTHUMBERLAND  
RELIEF AND NATIVE SET

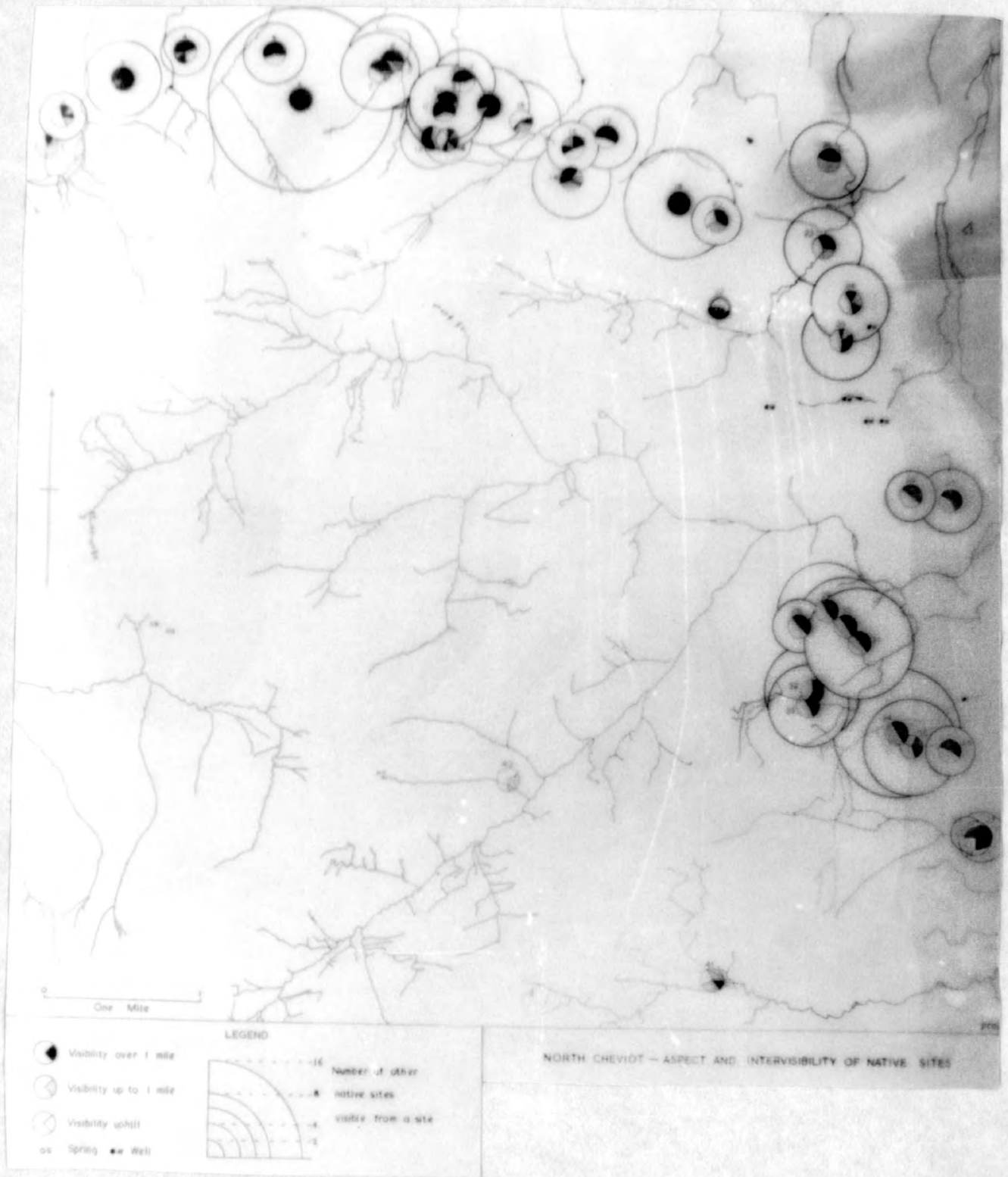


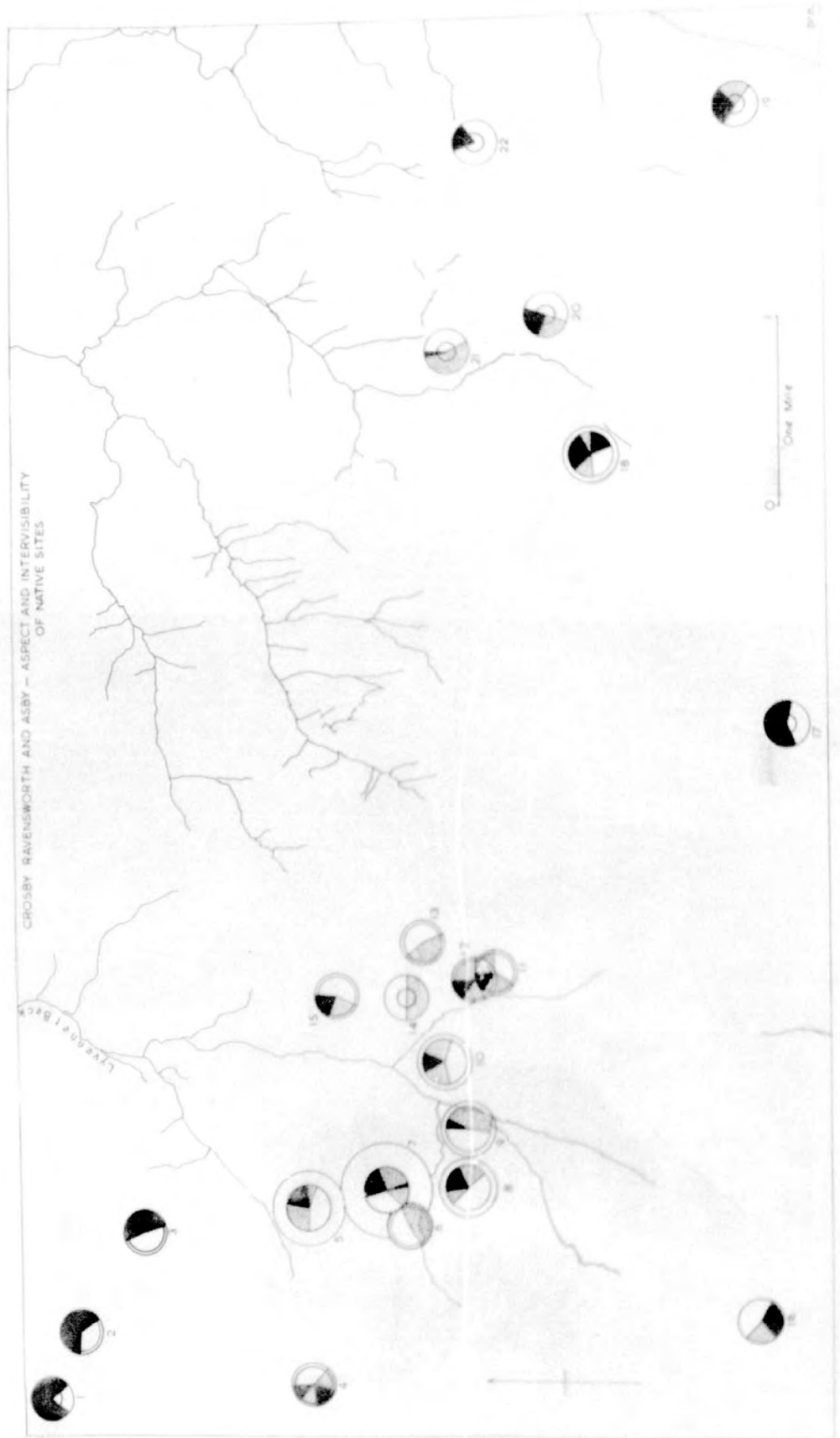


NORTH TYNE DALE - RELIEF AND NATIVE SITES







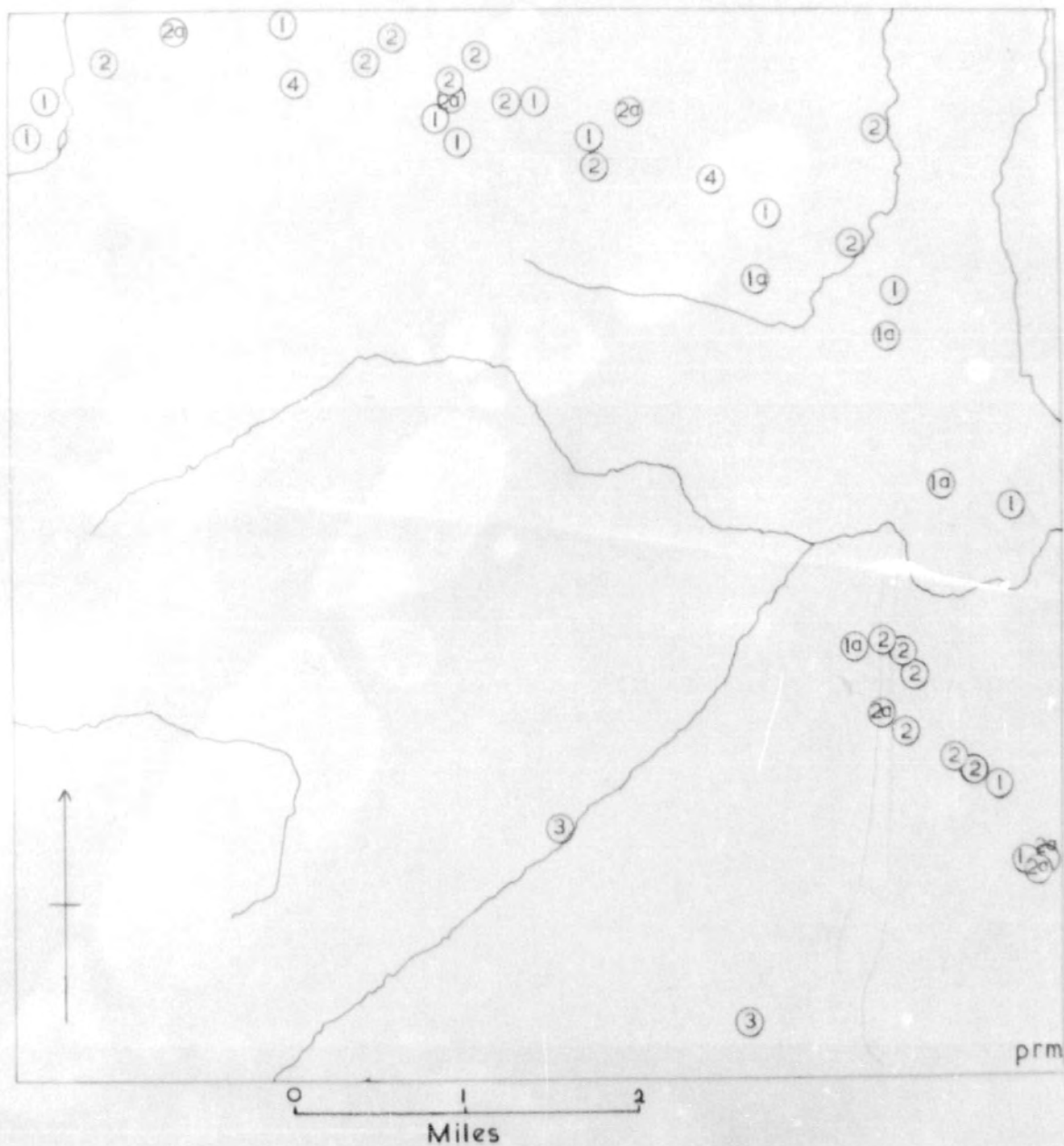




MILLINGHAM/NIKENHE/LOMSTEN - ASPECT AND INTERVISIBILITY OF NATIVE SITES

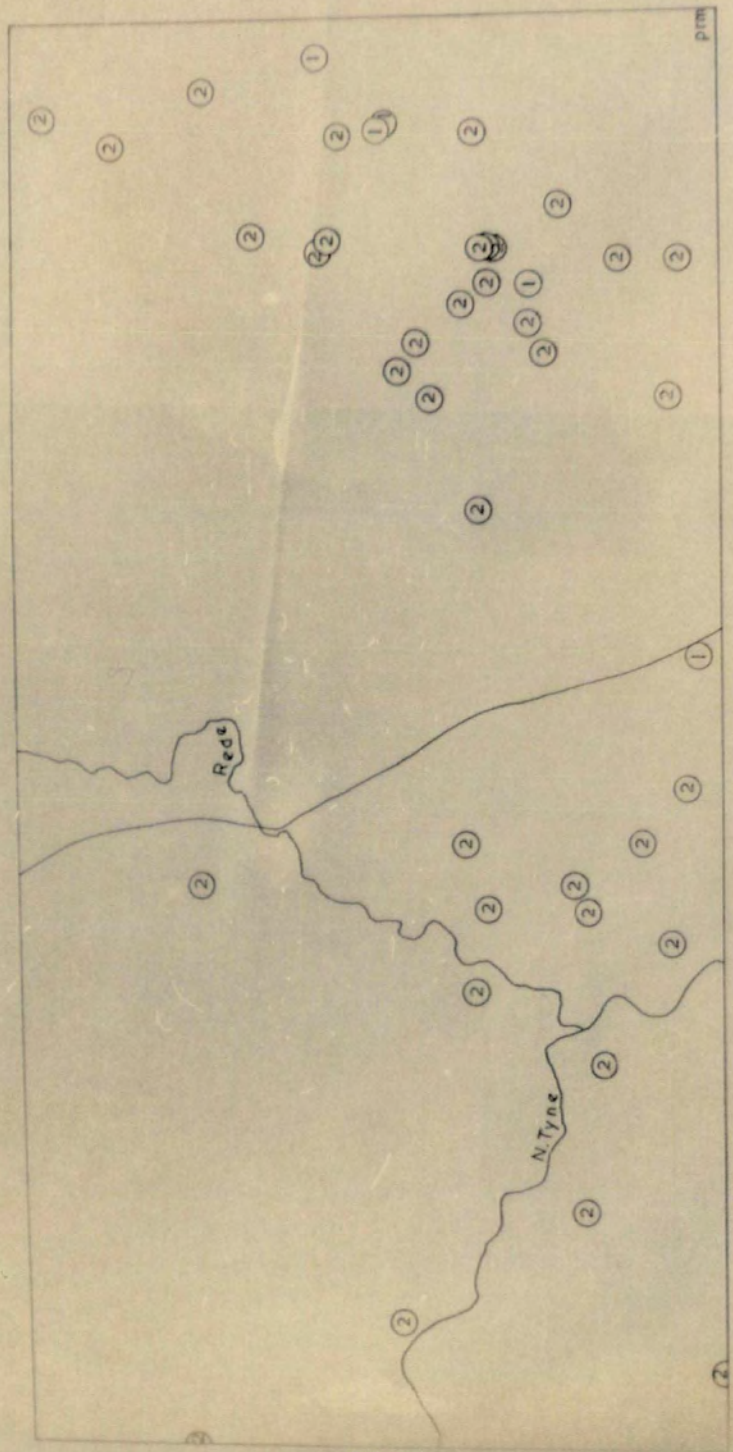
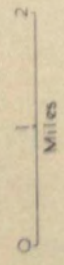
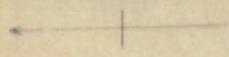
Legend as in  
Map 30

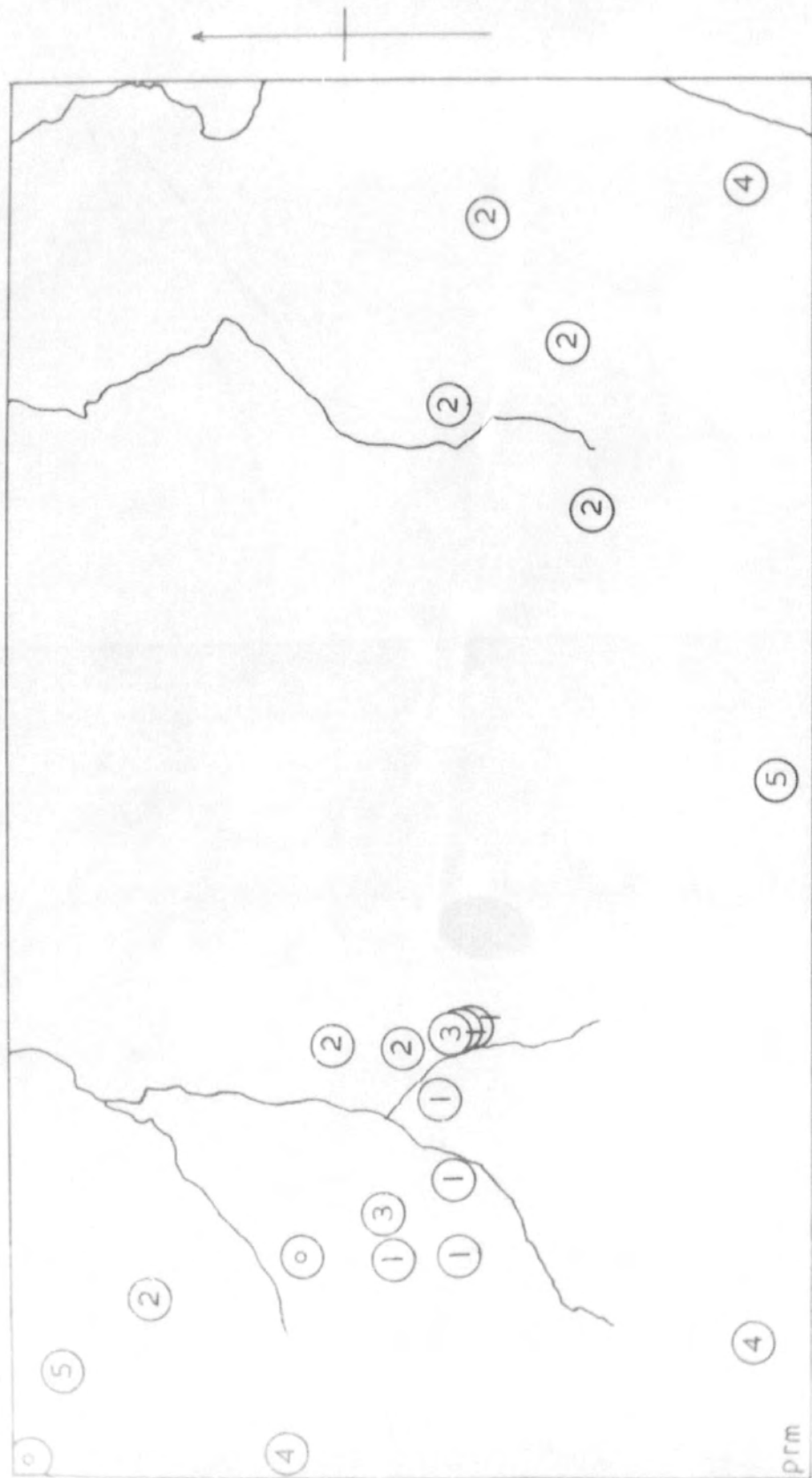
NORTH CHEVIOT GROUPS FROM TRIANGULAR GRAPH



BELLINGHAM/KIRKWHELPINGTON  
GROUPS FROM TRIANGULAR  
GRAPH

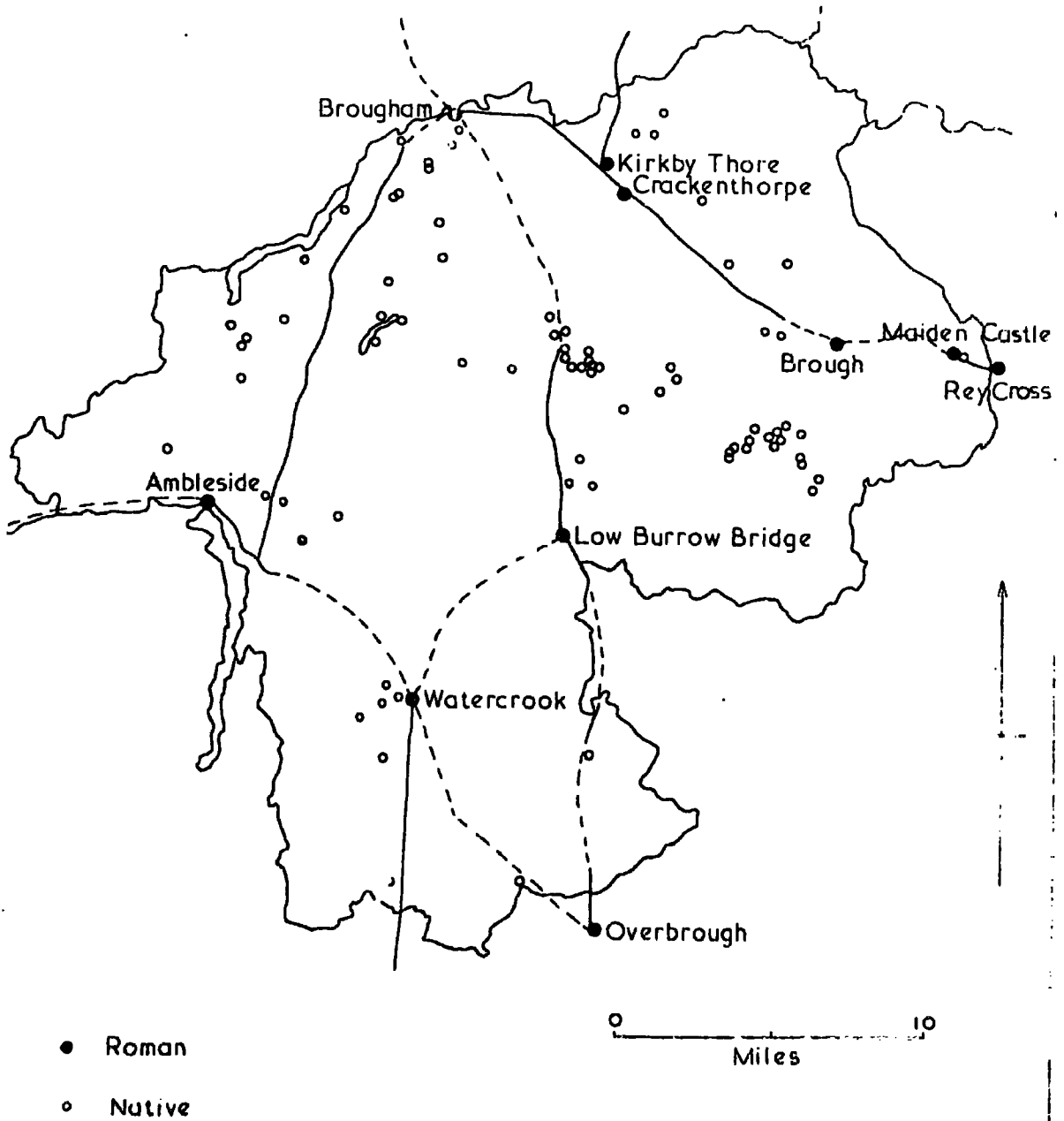
MAP 34





CROSBY RAVENSWORTH AND ASBY - GROUPS FROM TRIANGULAR GRAPH

WESTMORLAND - ROMAN AND NATIVE

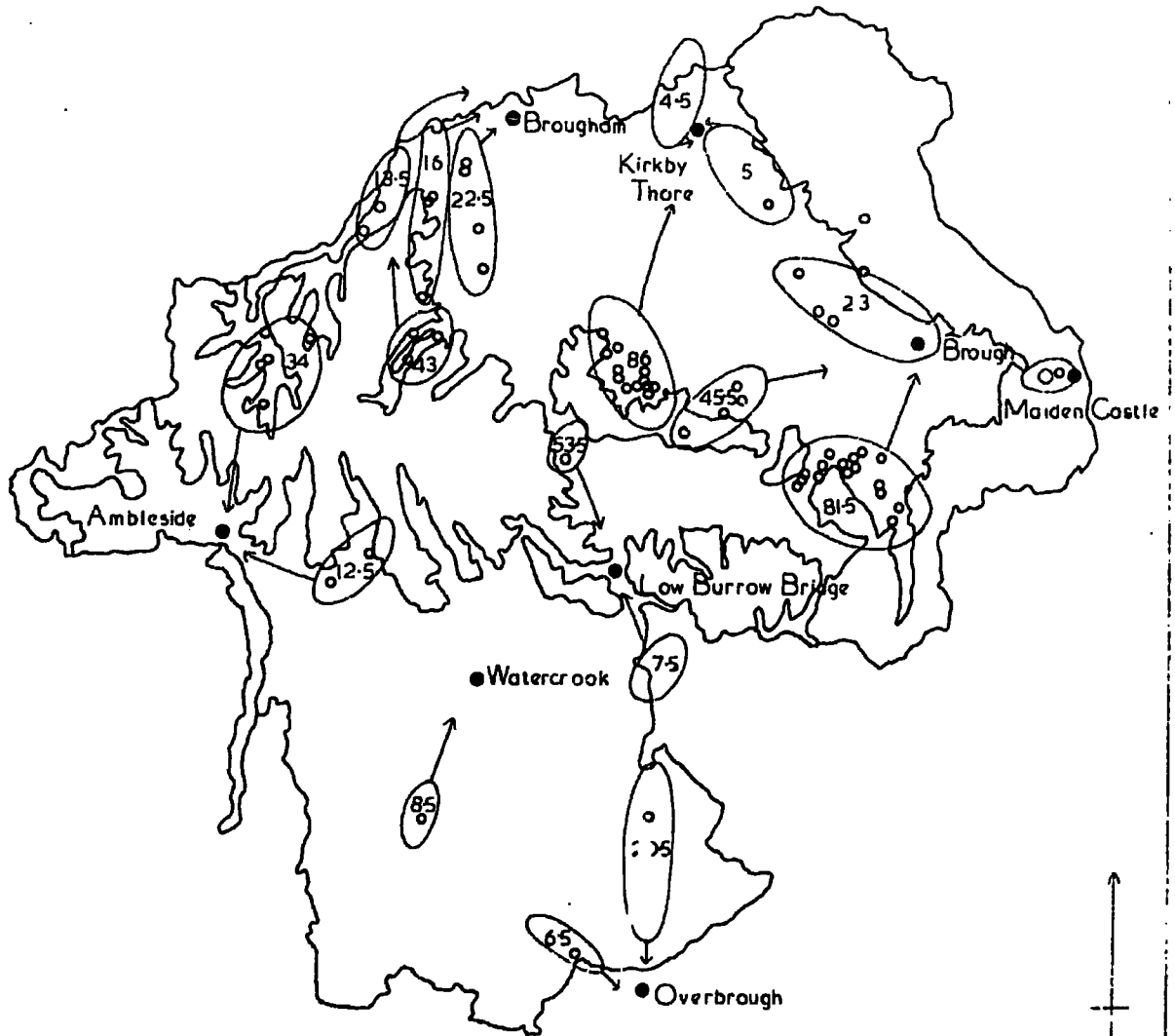


- Roman
- Native

LAKE DISTRICT - ROMAN ROADS  
AND DEFENDED NATIVE SITES

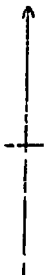


WESTMORLAND — POPULATION POTENTIAL



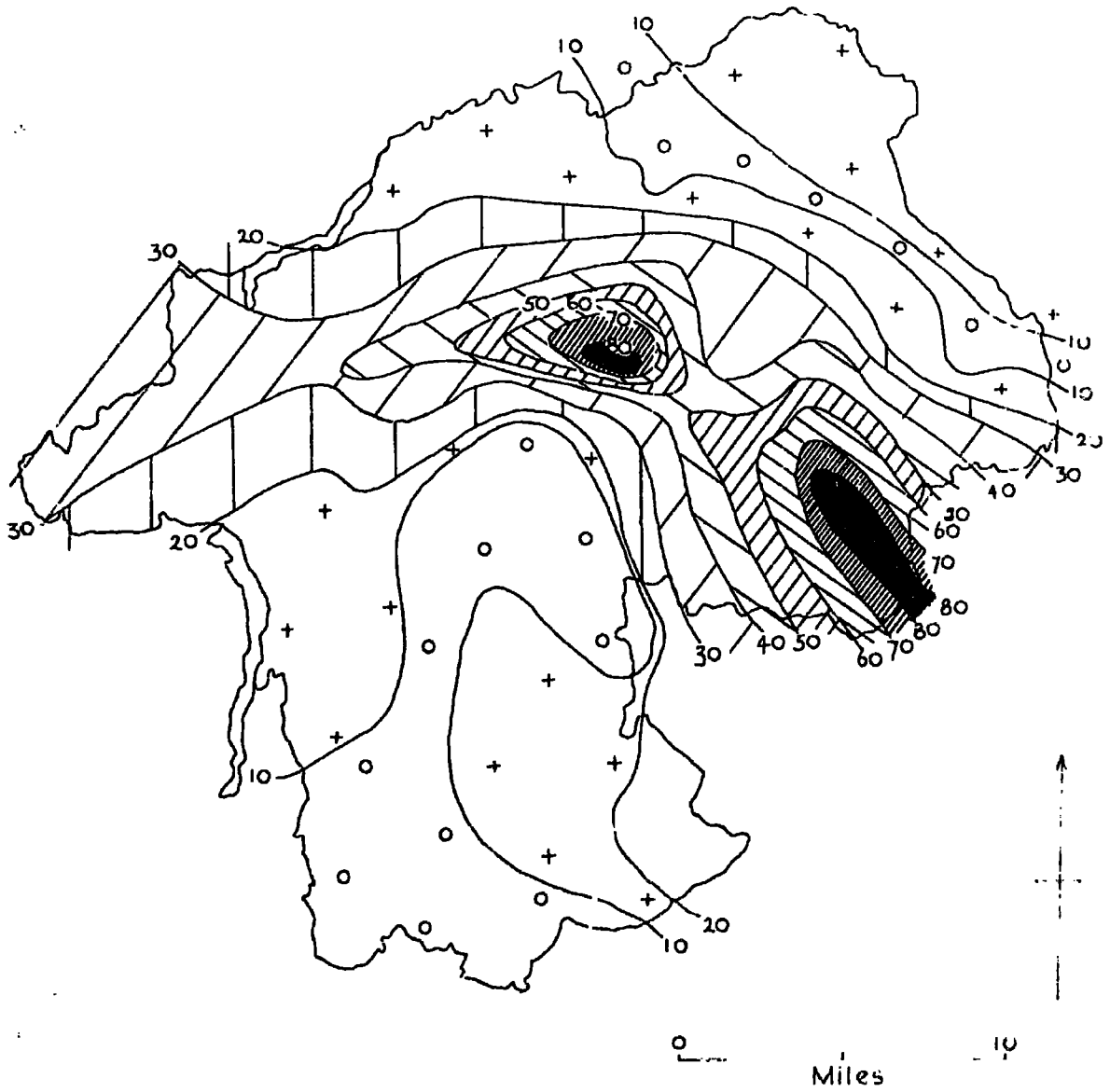
- Roman Fort
- Native Site
- 40 Weighted Number
- - - 1000' contour

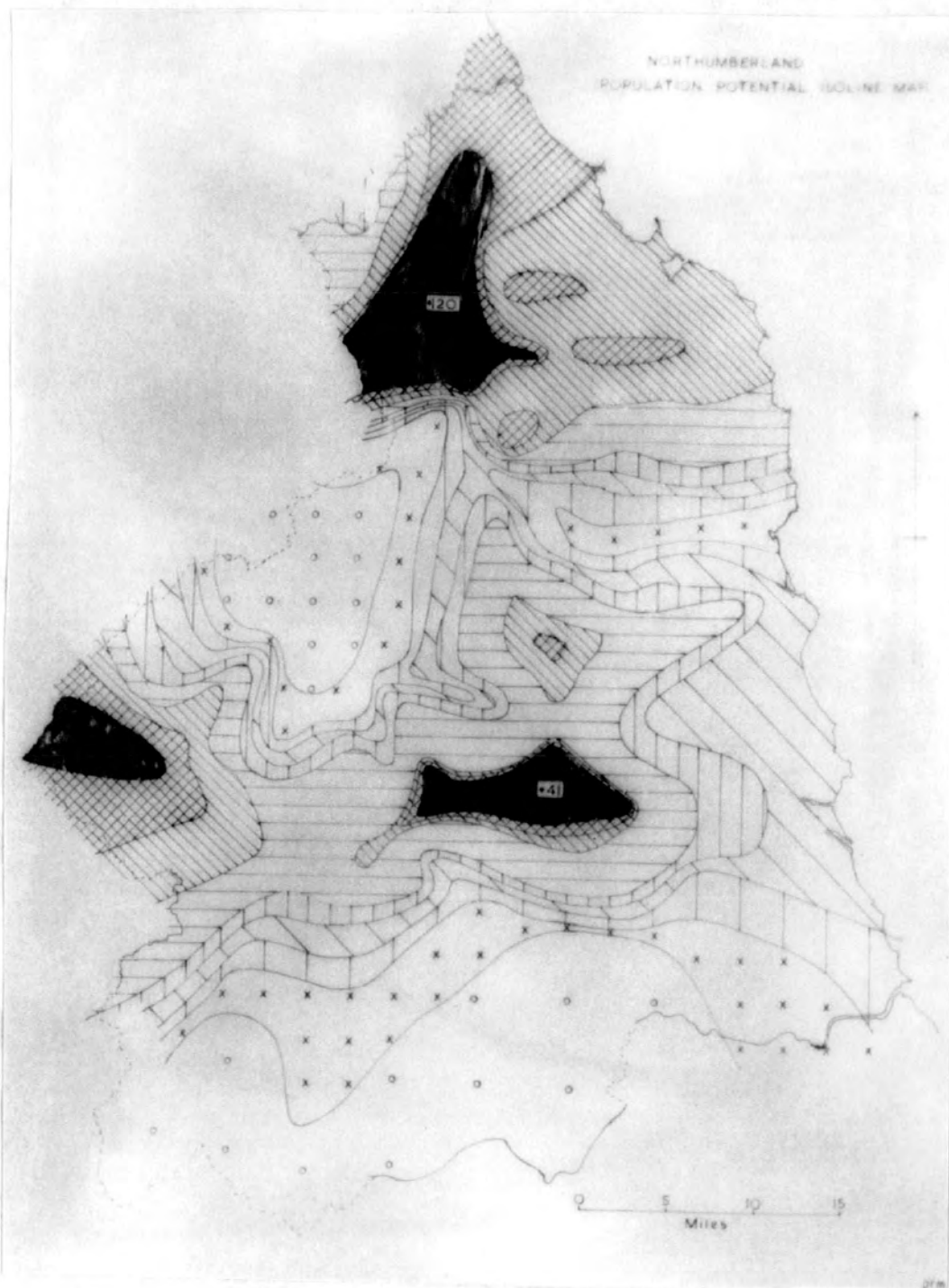
0 ————— 10  
Miles



prn

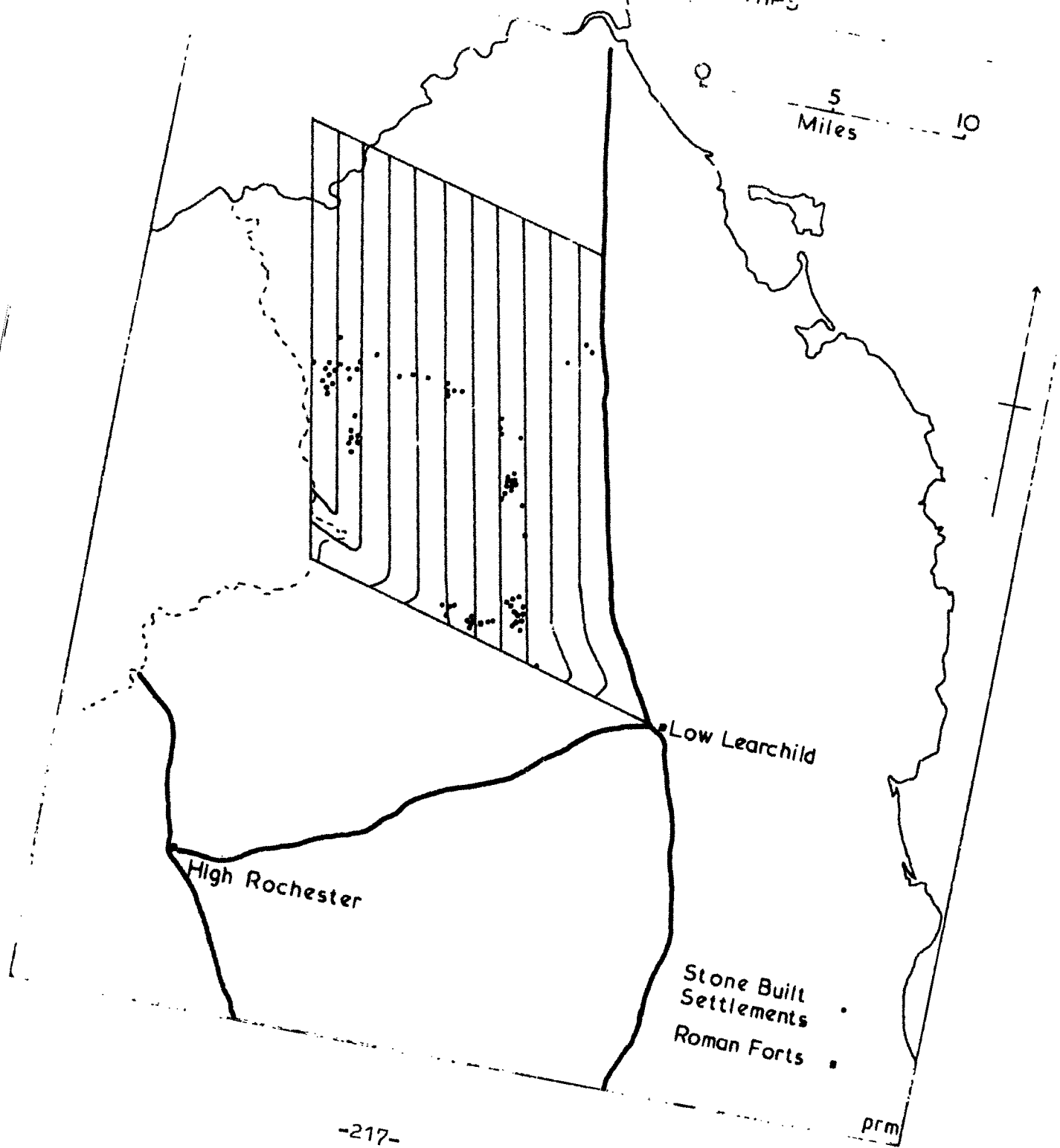
WESTMORLAND - POPULATION POTENTIAL ISOLINE MAP

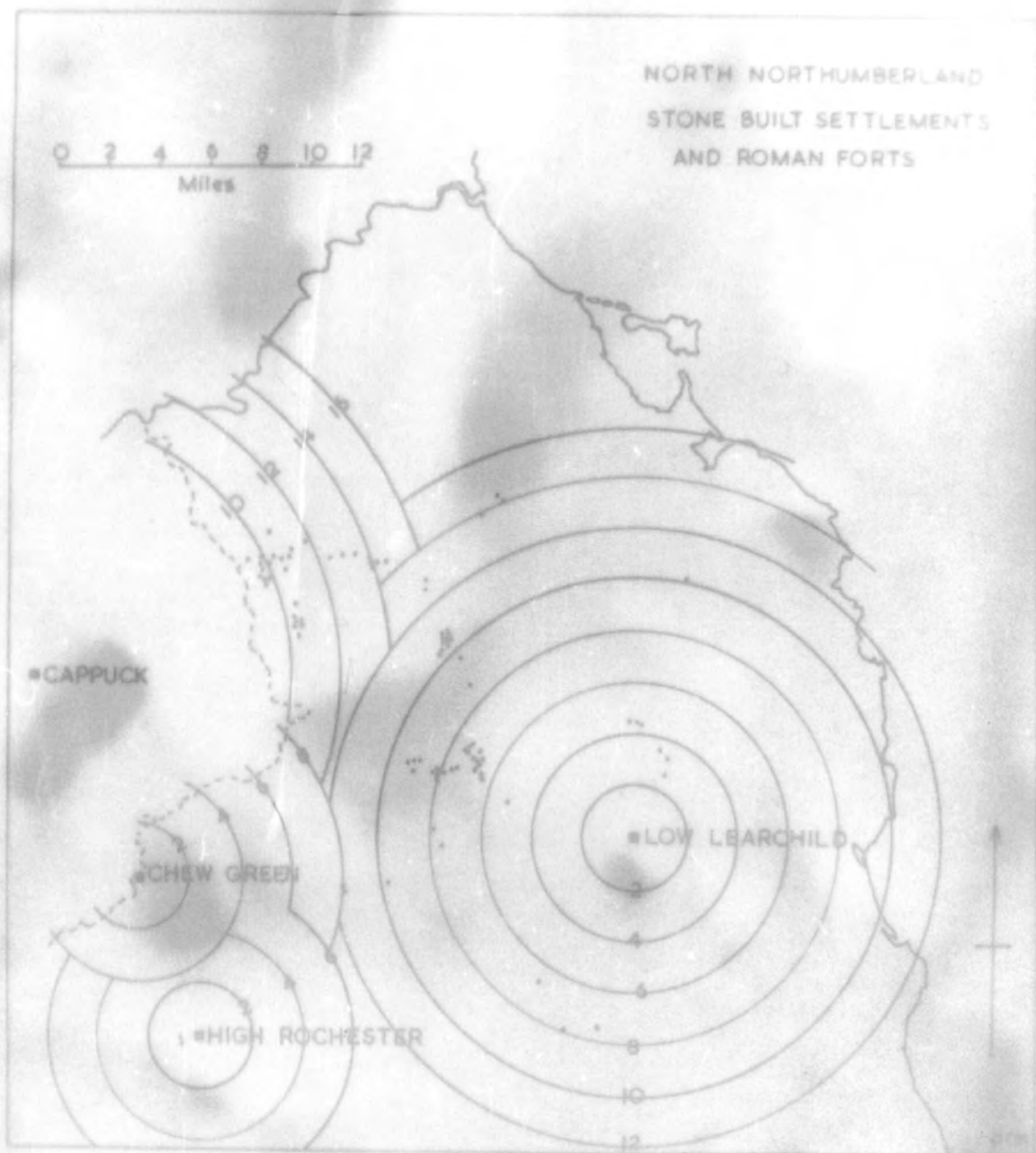




NORTH NORTHUMBERLAND  
ROMAN-NATIVE RELATIONSHIPS

5  
Miles 10





D I A G R A M S

DIAGRAM 2

NORTH ENGLAND DEFENDED SITES

HEIGHT AND ACREAGE

LEGEND



HILLFORT



PROMONTORY SITE



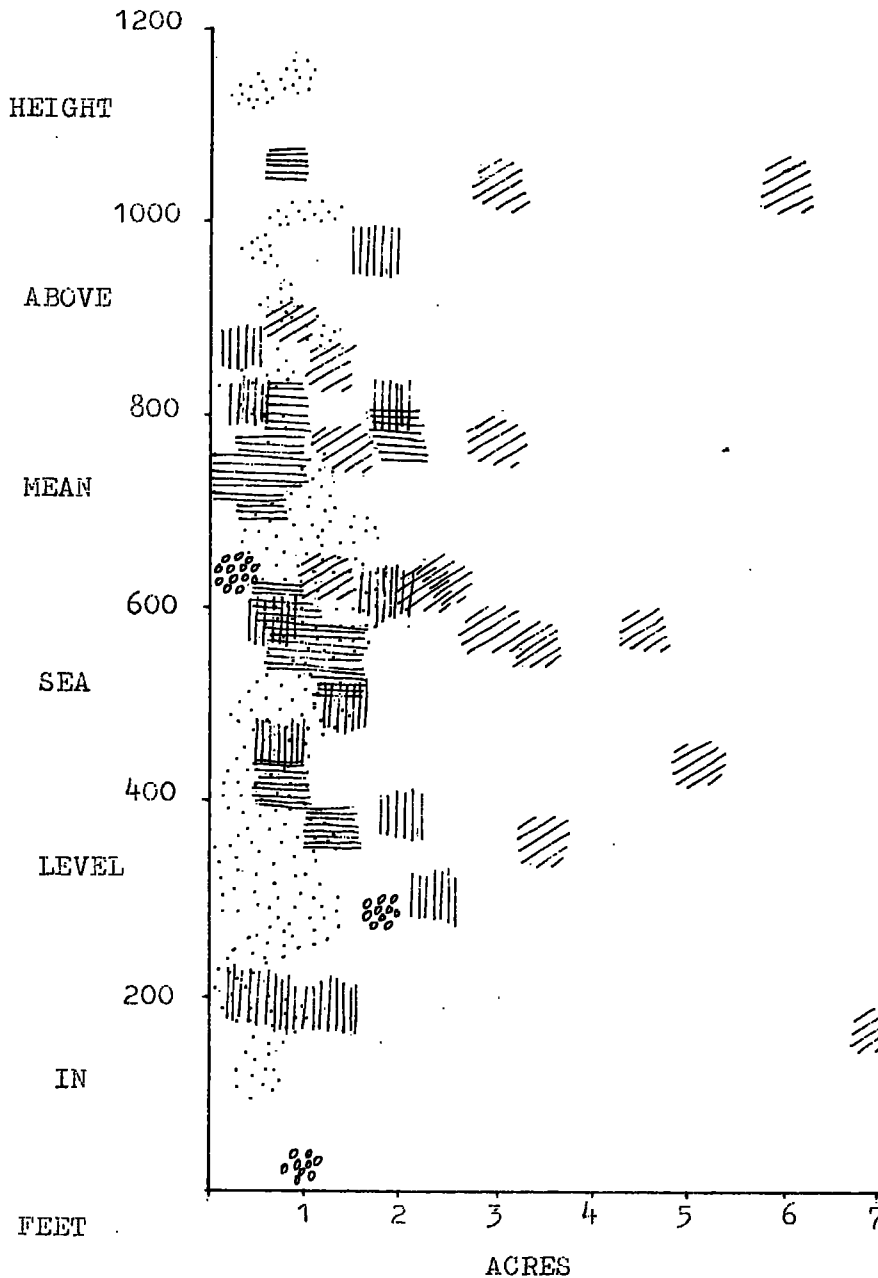
CLIFF SITE



RING AND  
OVAL SITE



RECTANGULAR  
SITE



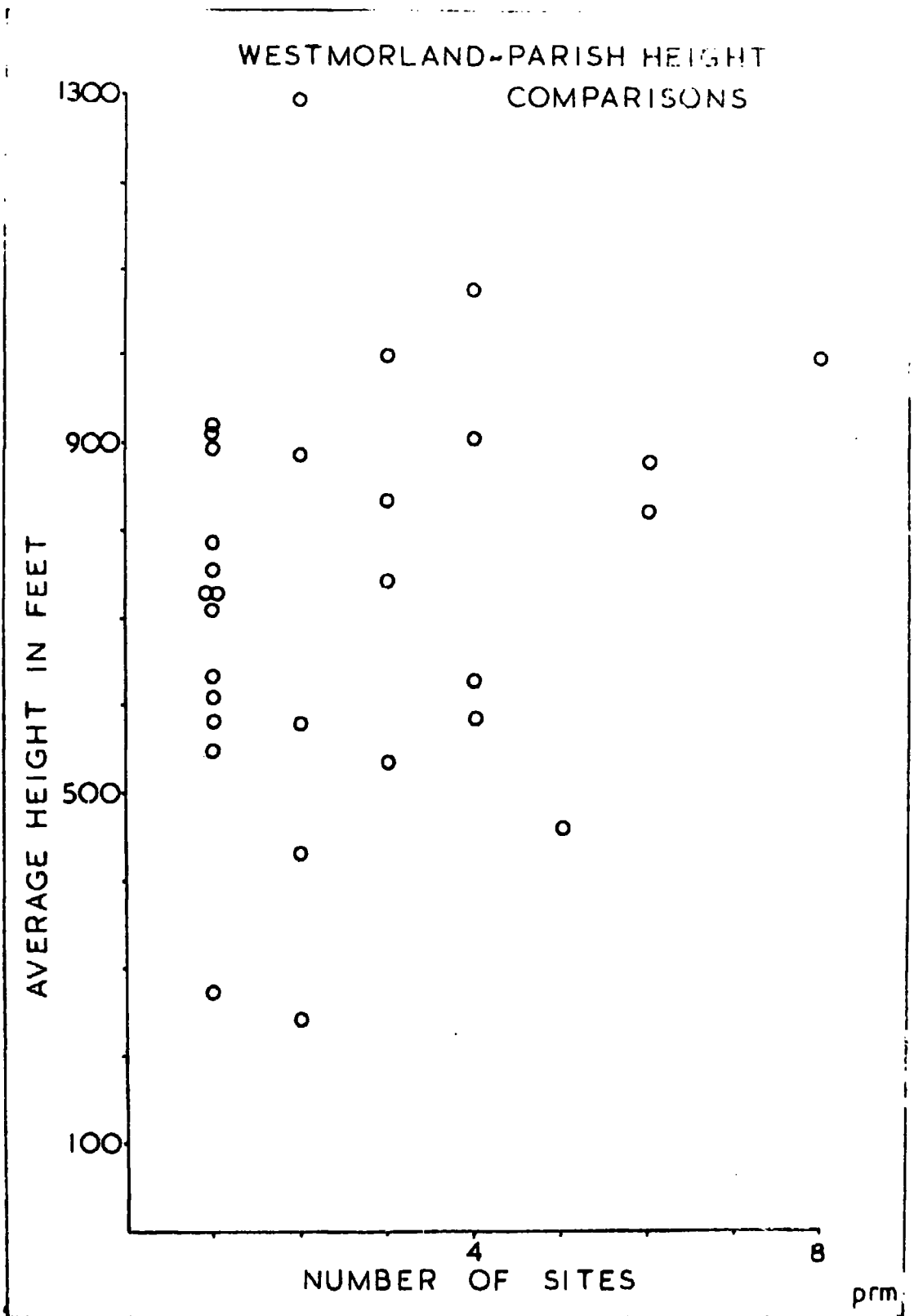
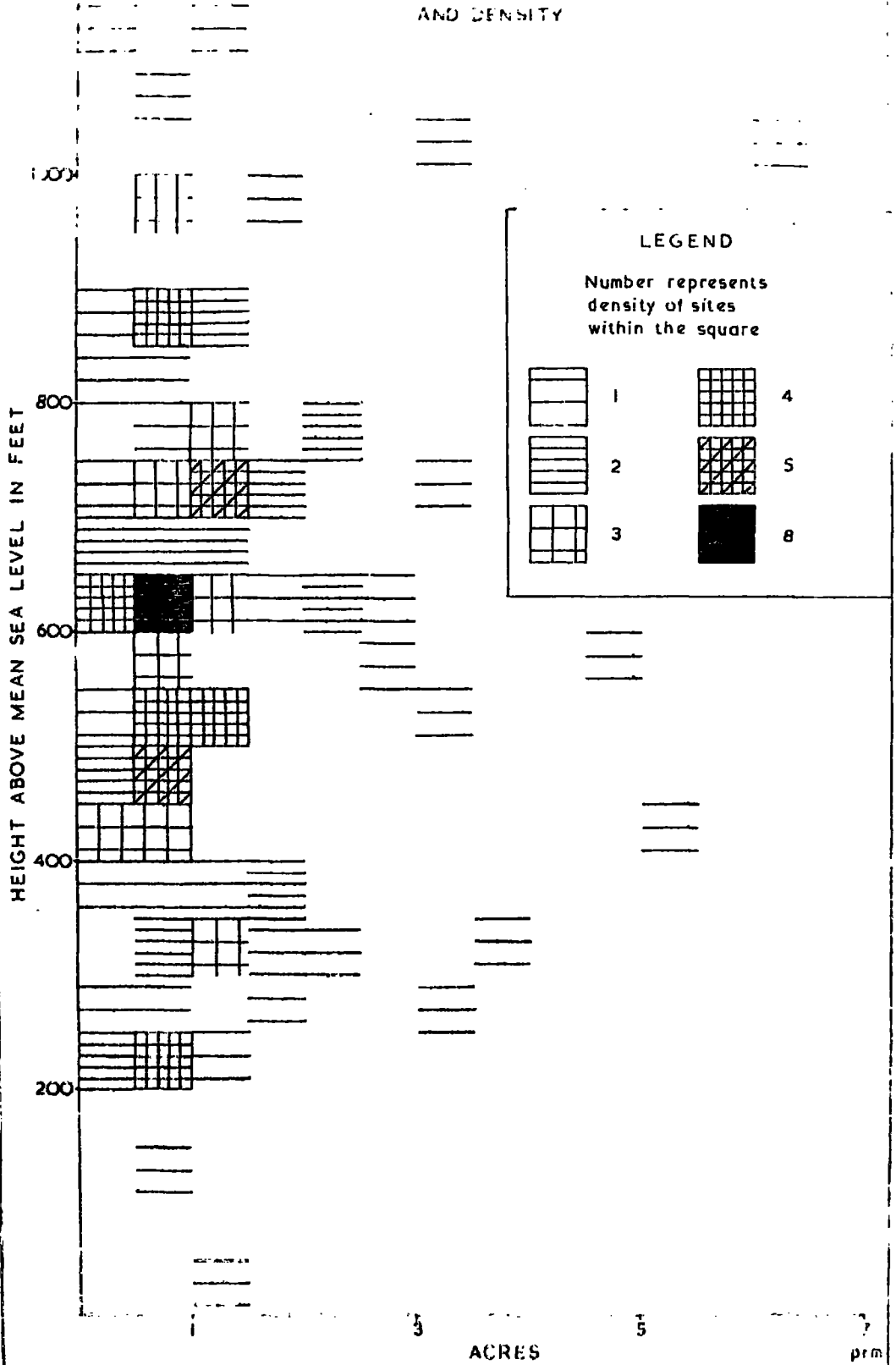
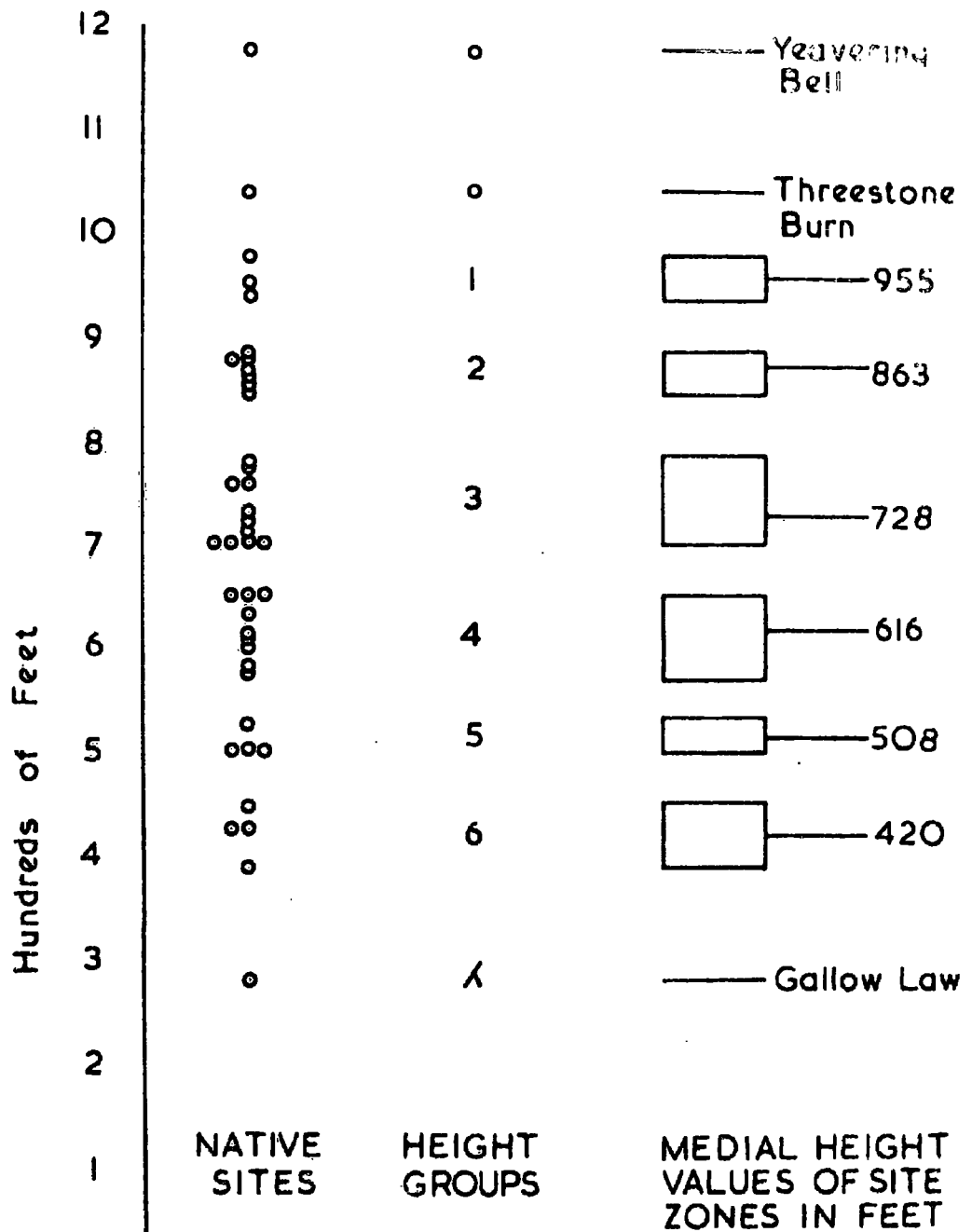


DIAGRAM 4

NORTH BRITAIN  
AND DENSITY



NORTH CHEVIOT - SITE HEIGHT ANALYSIS



NORTH CHEVIOT - HEIGHT GROUPS OF NATIVE SITES

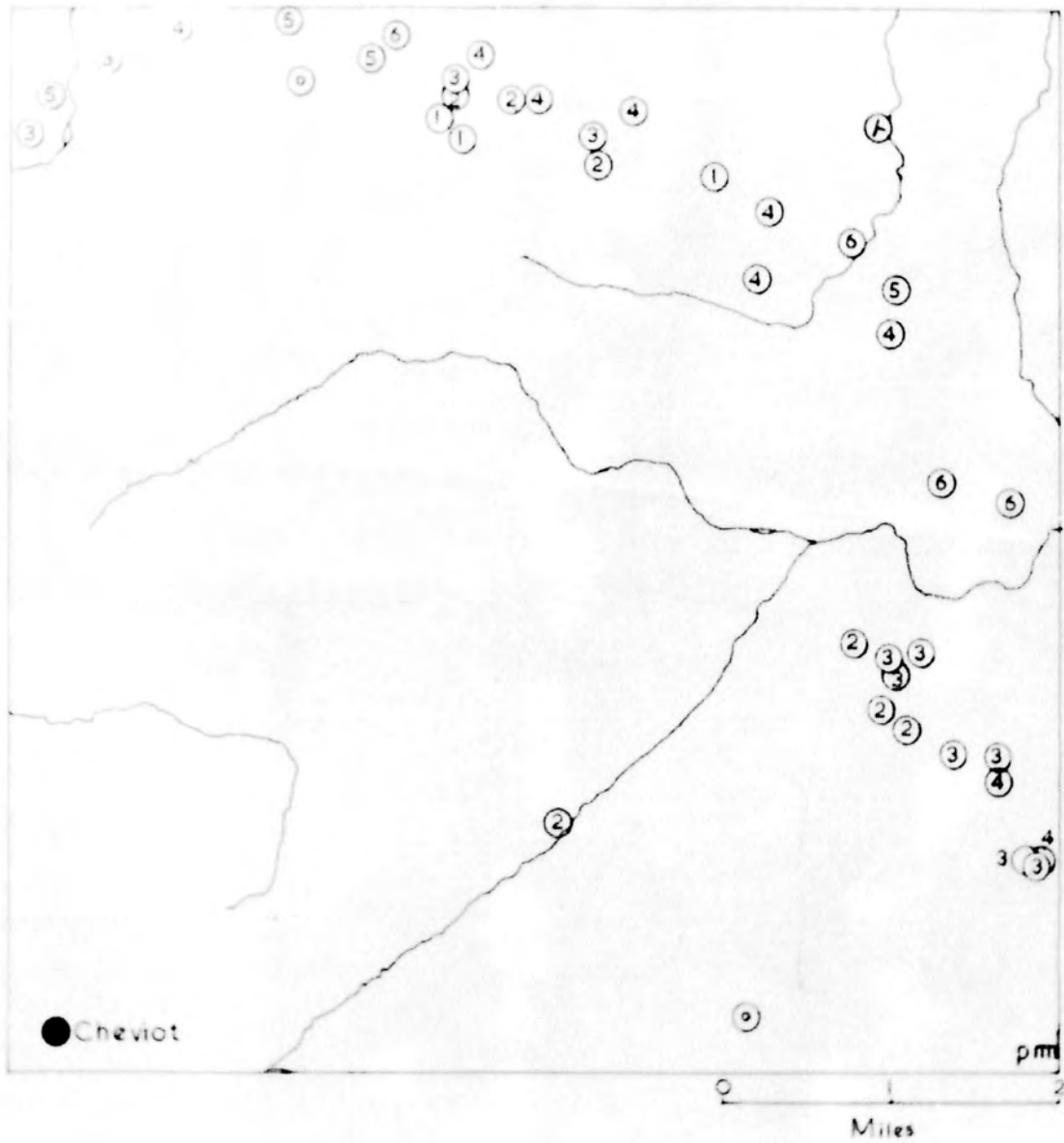
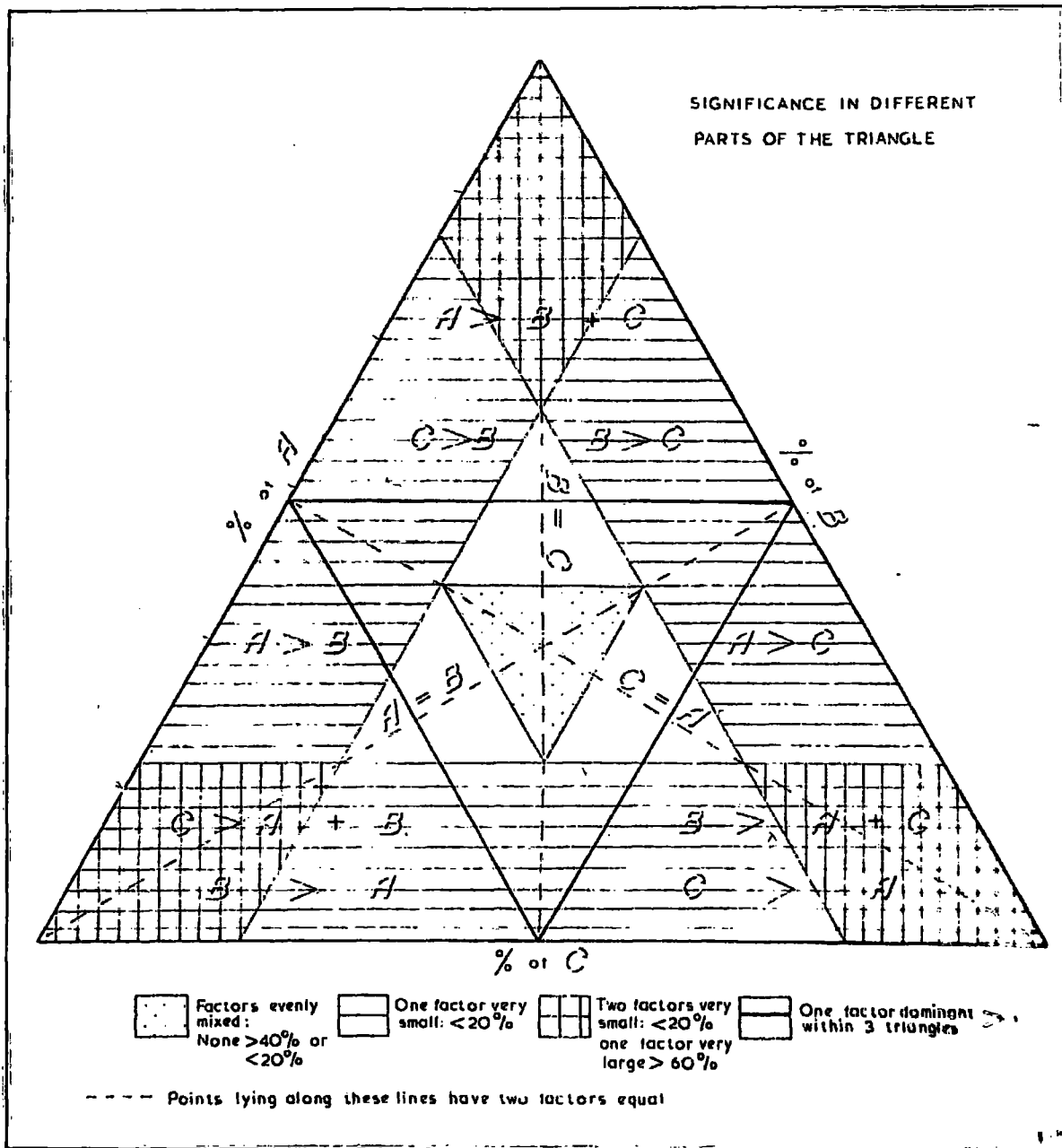
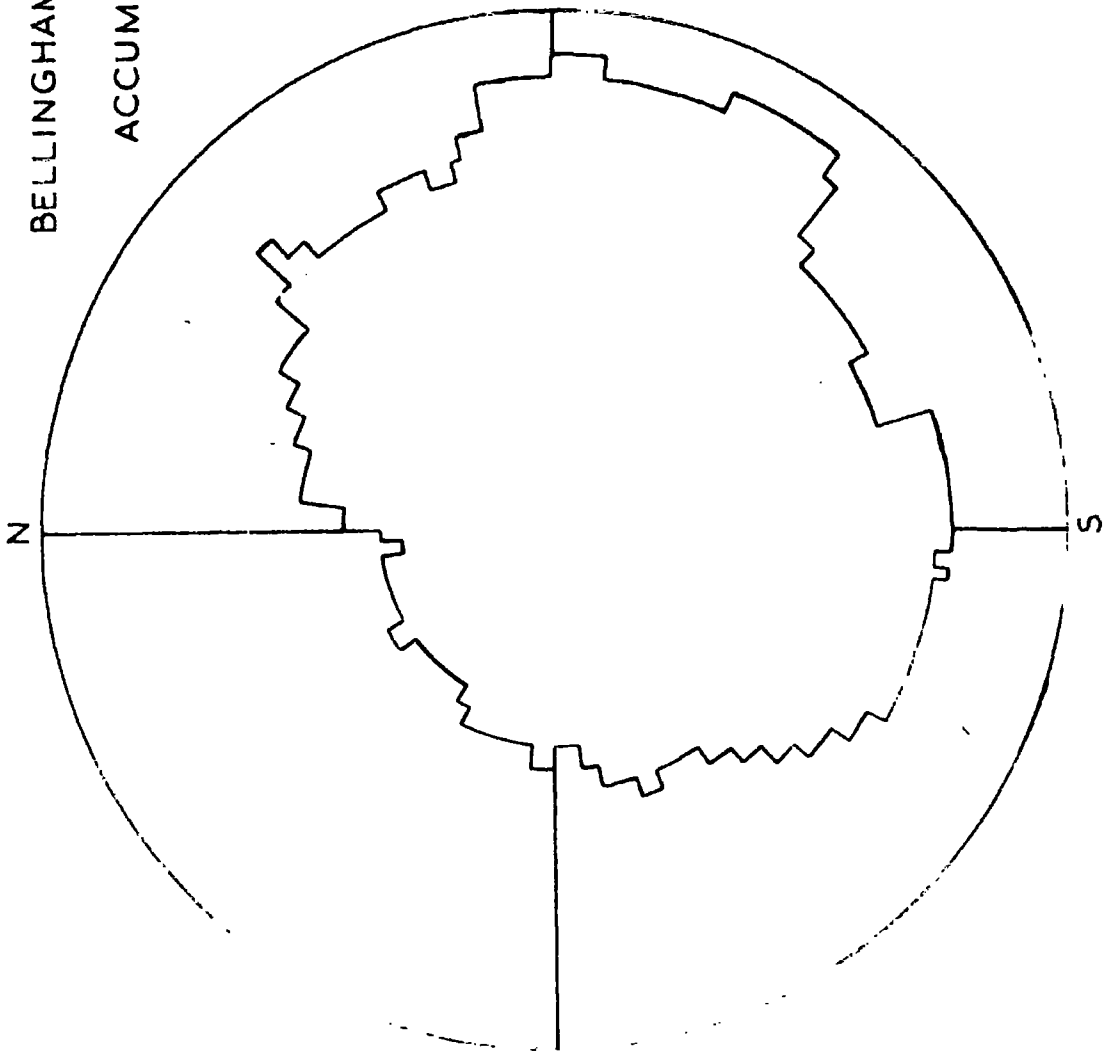


DIAGRAM 6

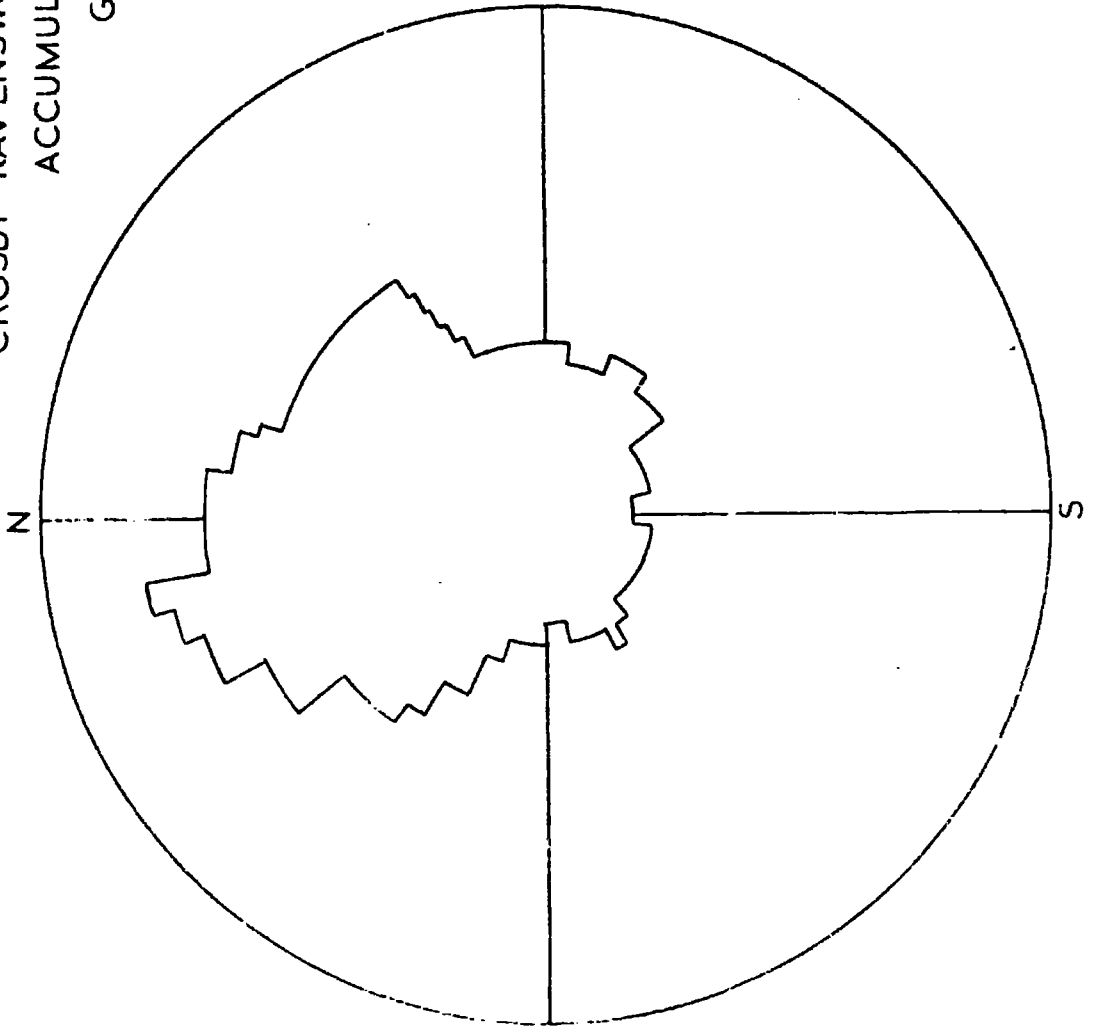


BELLINGHAM / KIRKWHELPINGTON  
ACCUMULATIVE ASPECT  
GRAPH



part

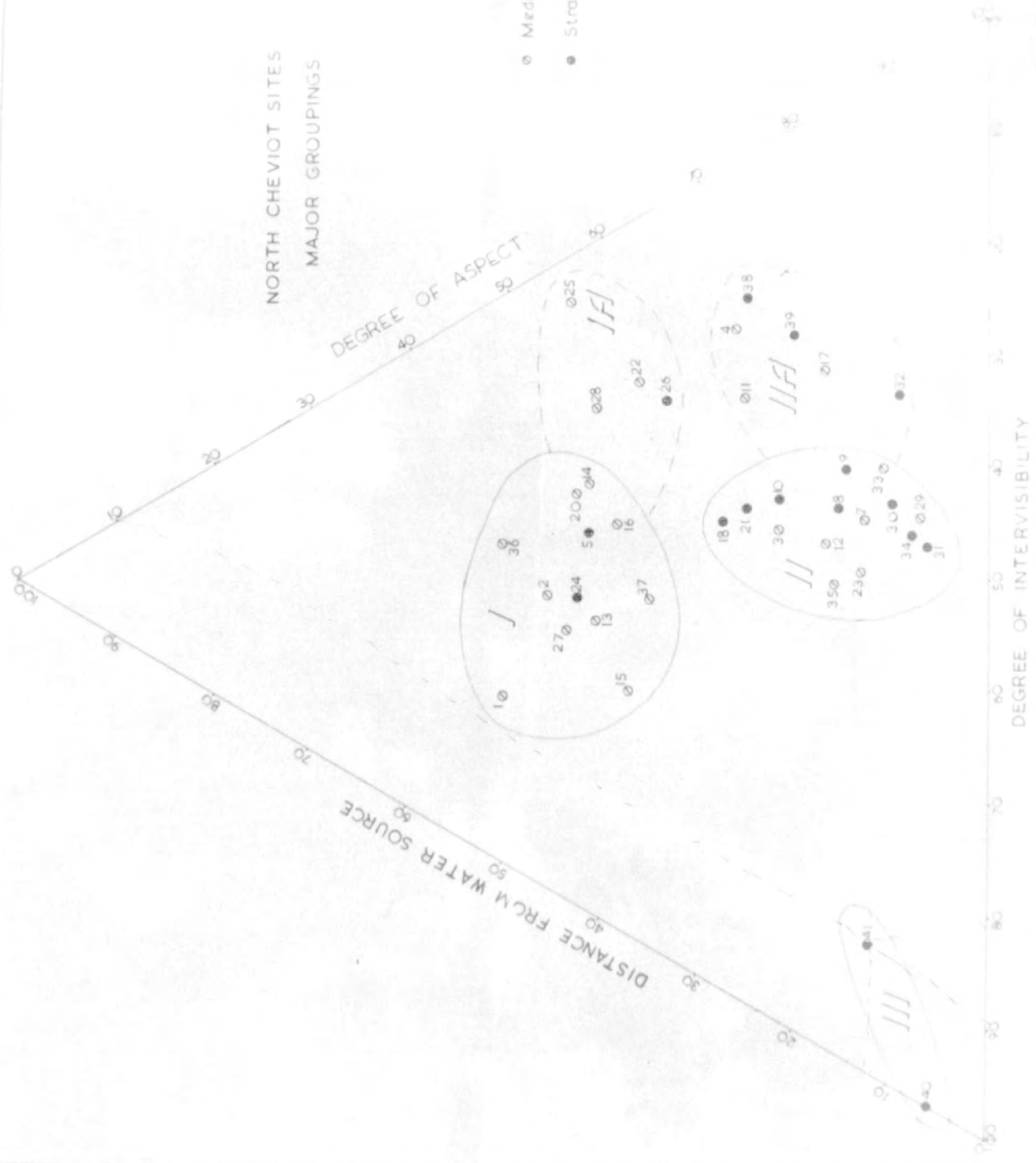
CROSBY RAVENSWORTH AND ASBY  
ACCUMULATIVE ASPECT  
GRAPH





NORTH CHEVIOT SITES  
MAJOR GROUPINGS

- Medial plot
- Straight plot



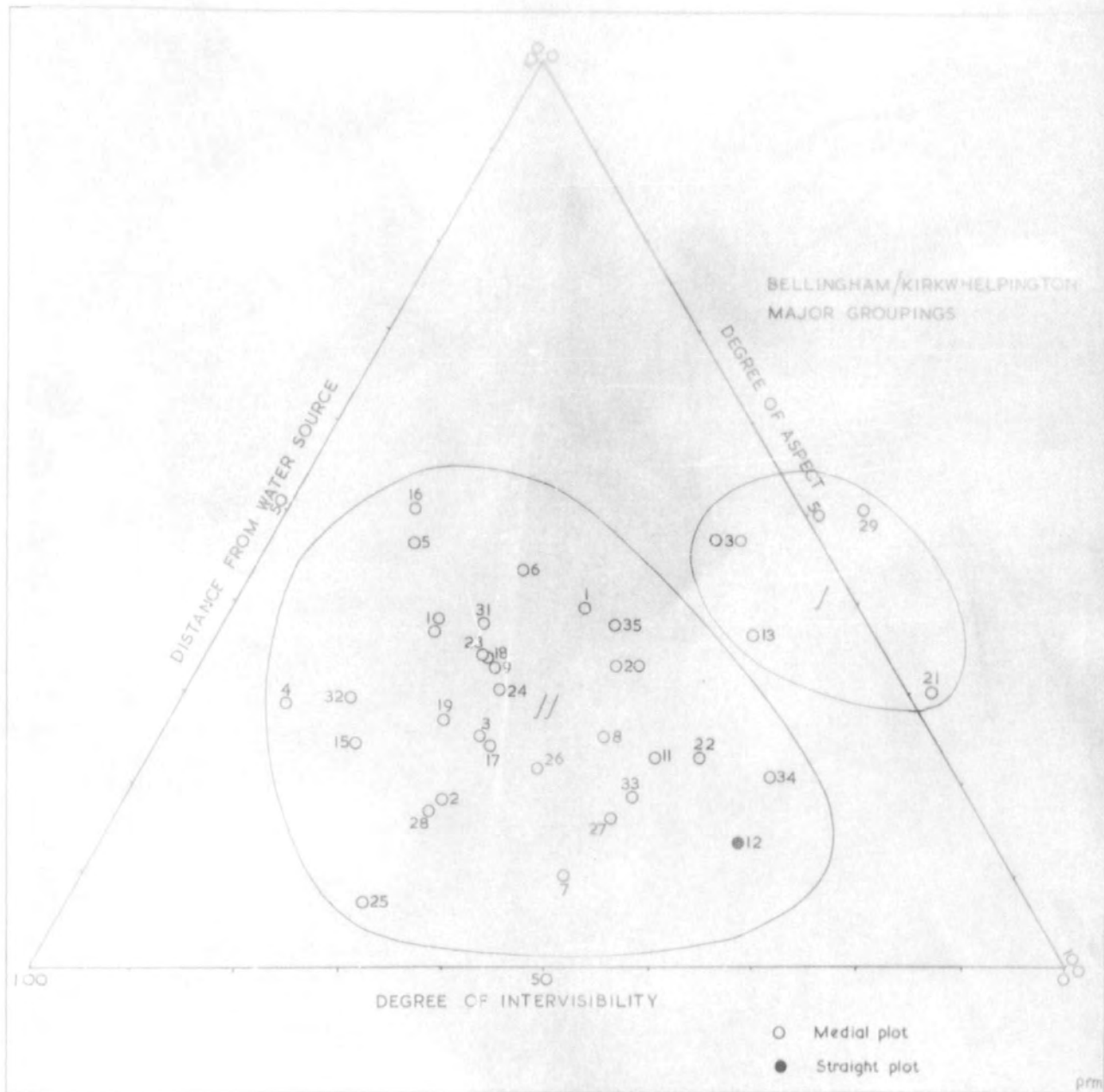
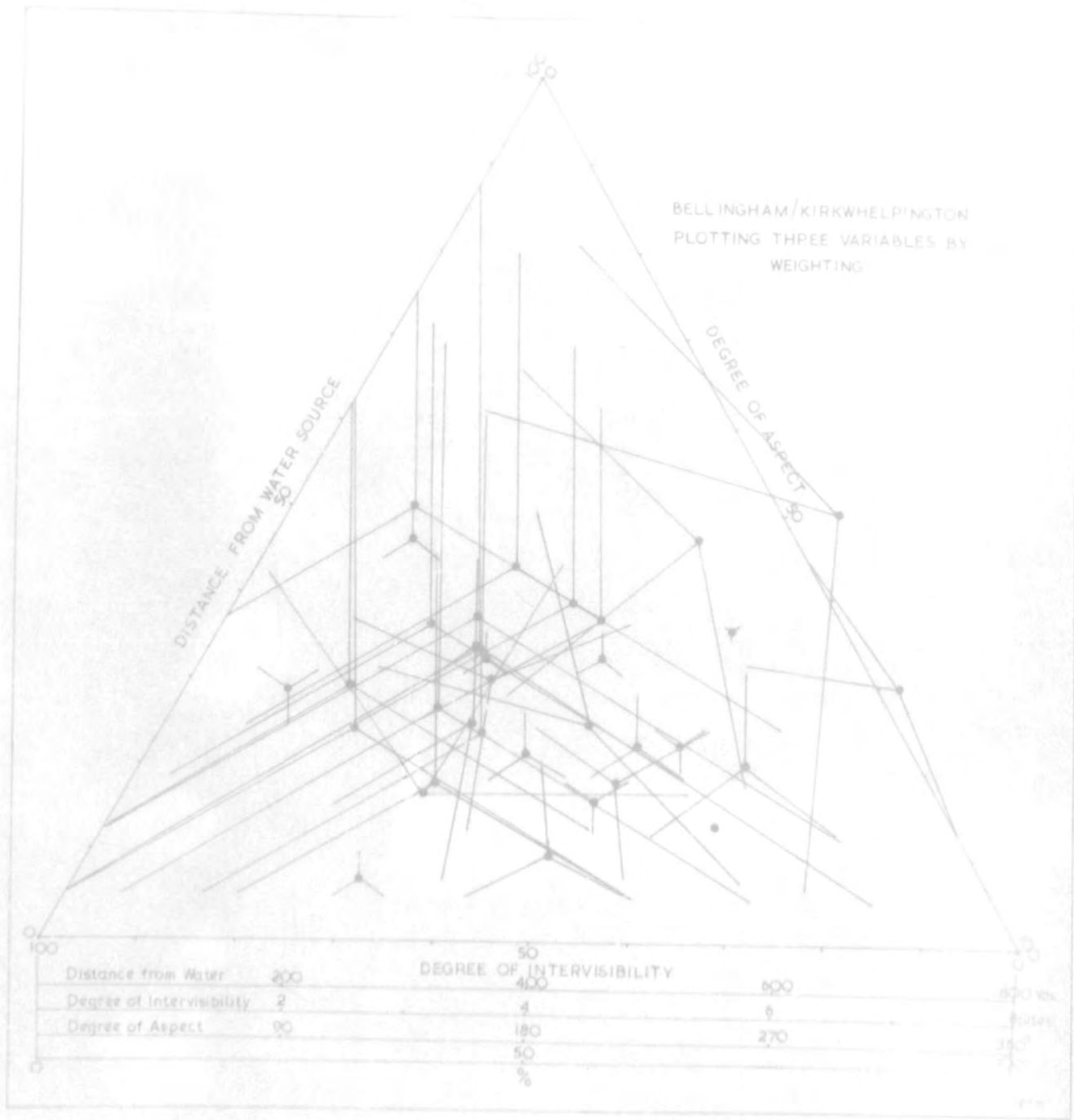
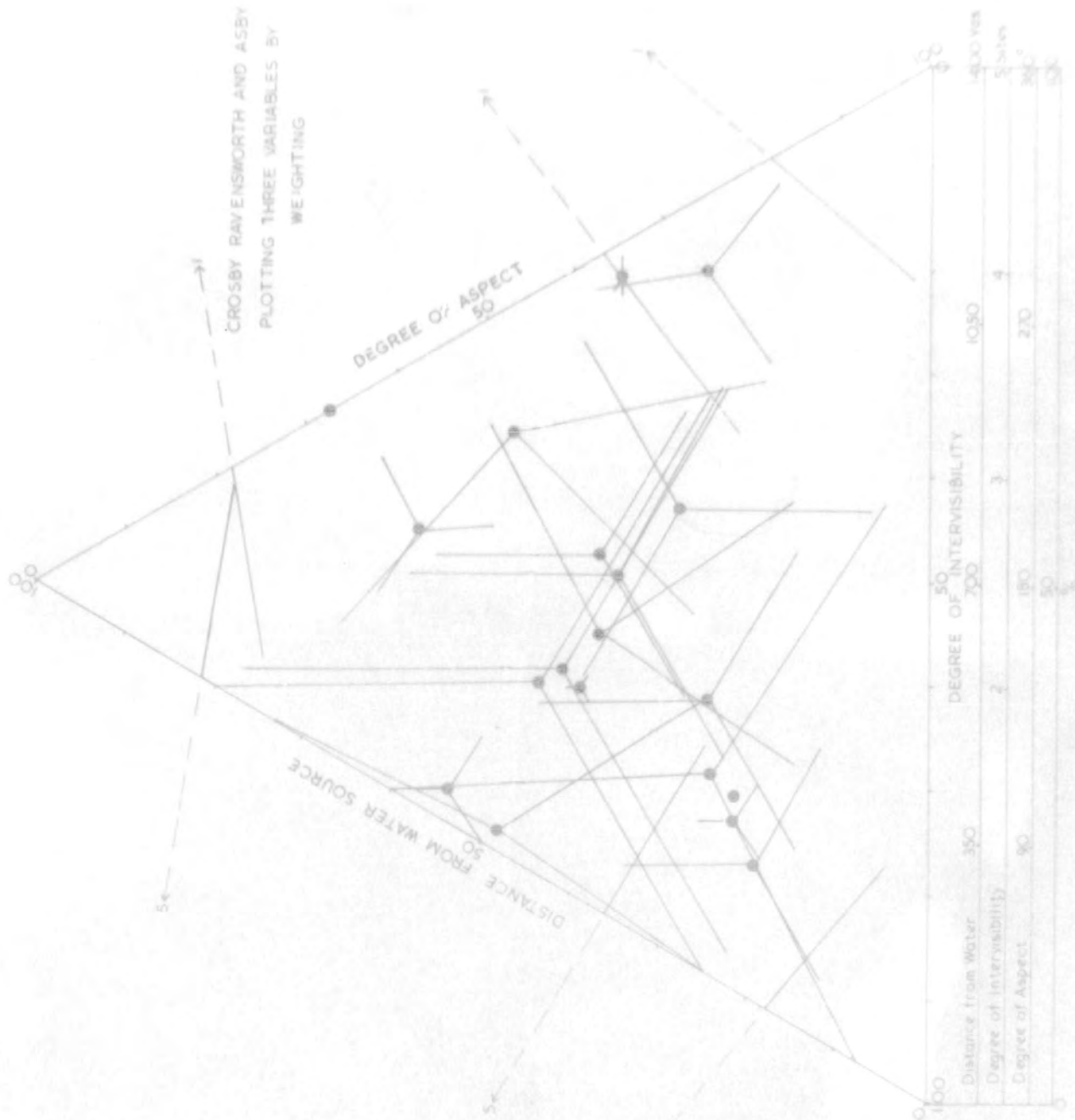
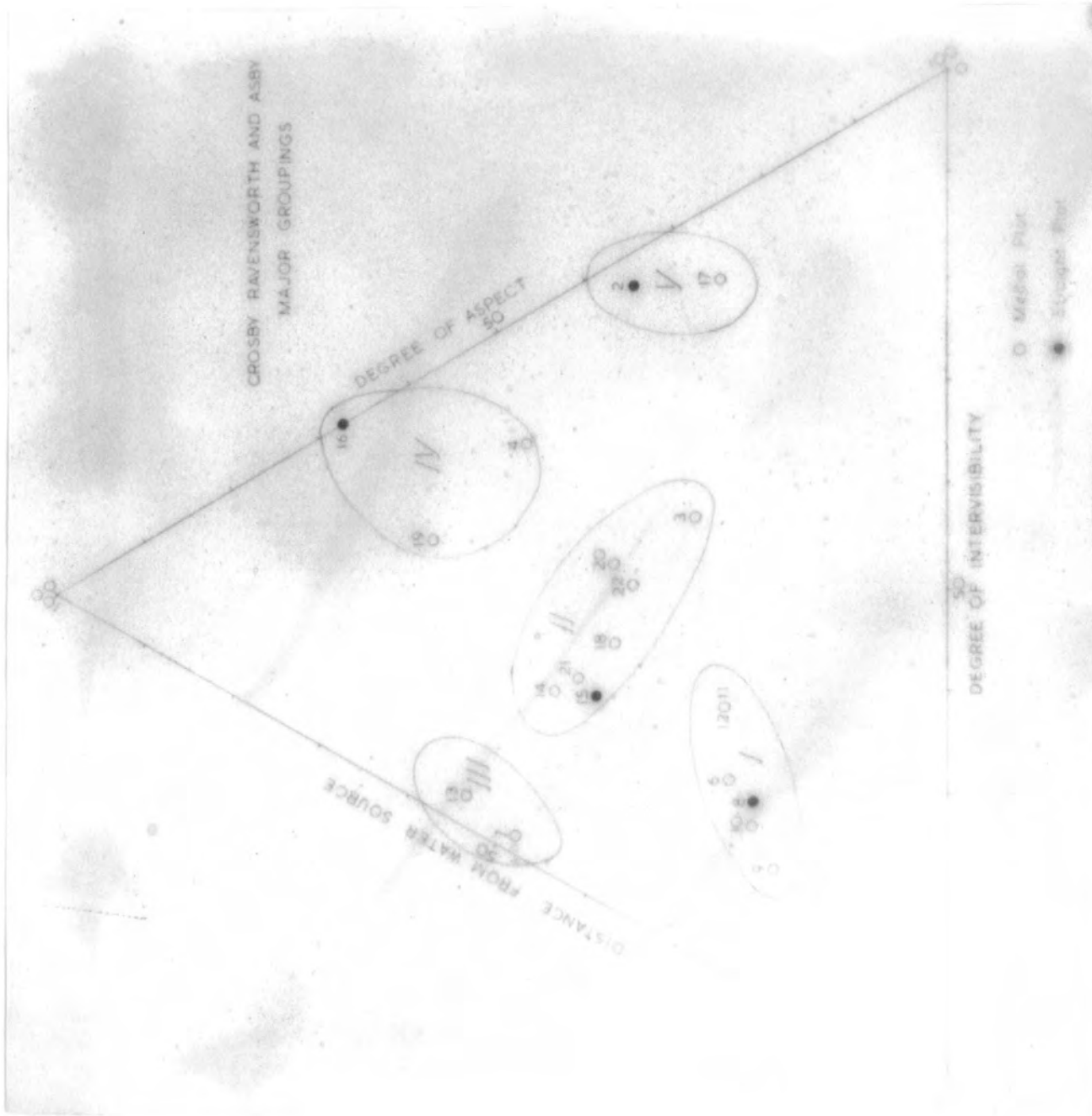


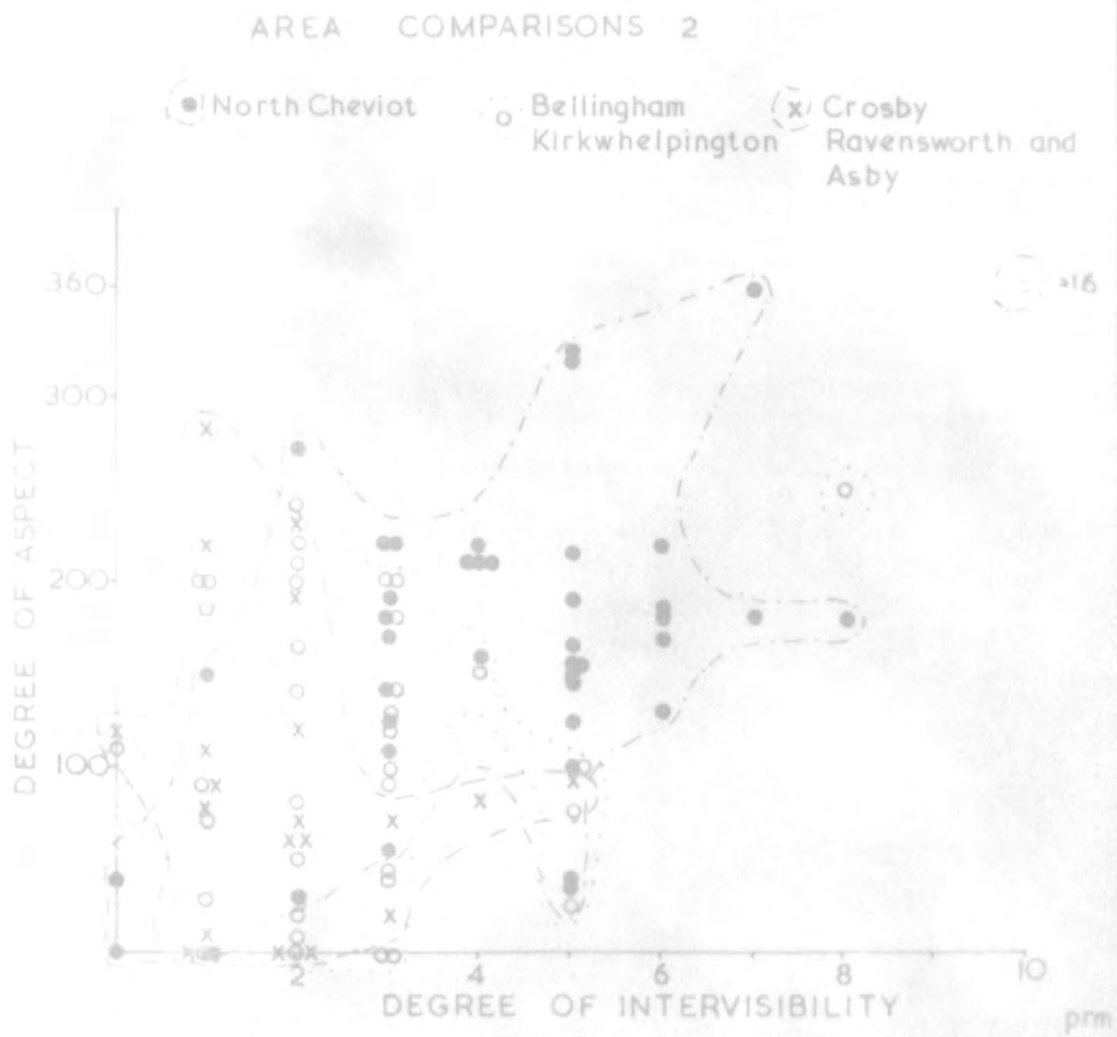
DIAGRAM 13

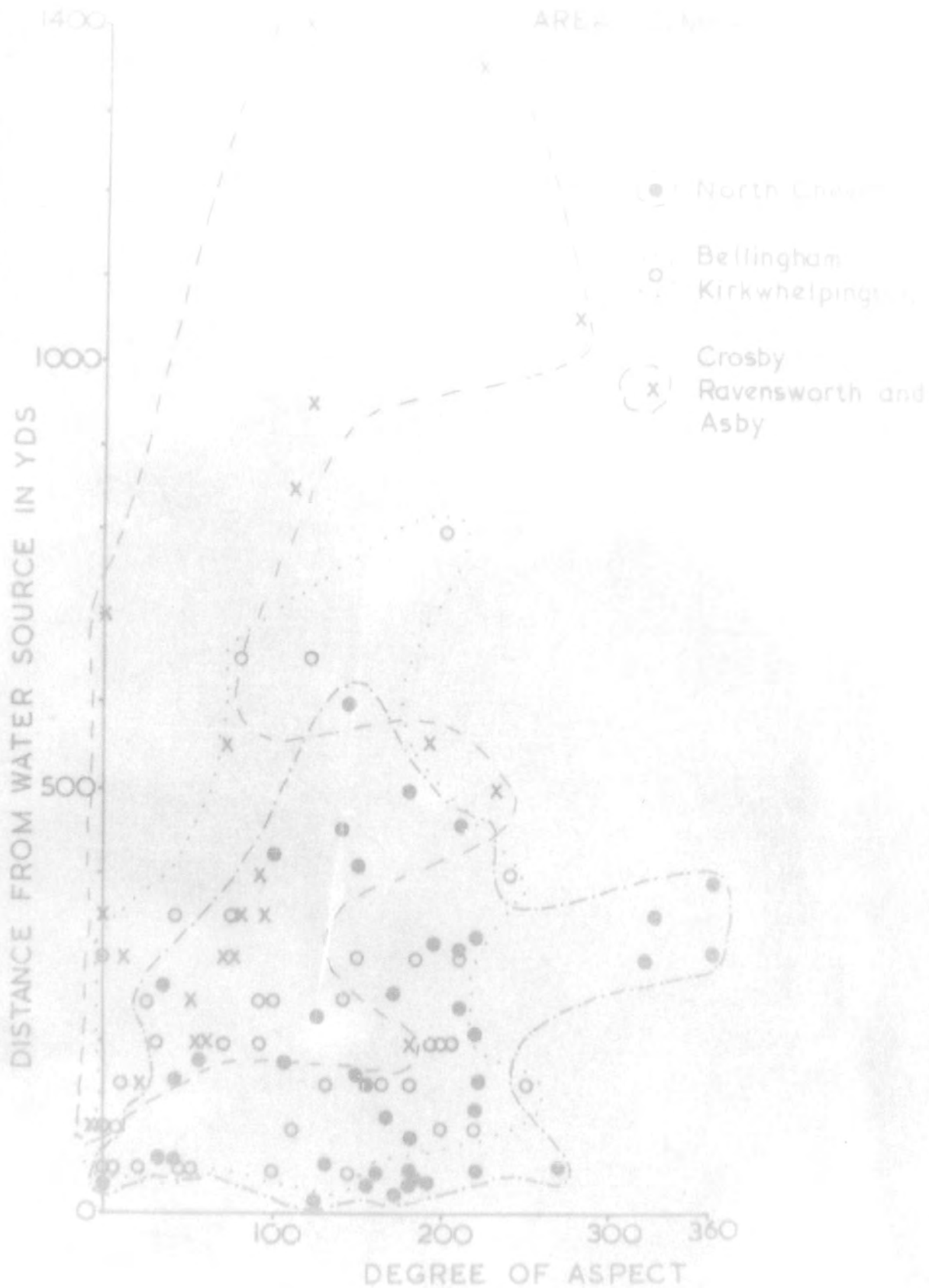


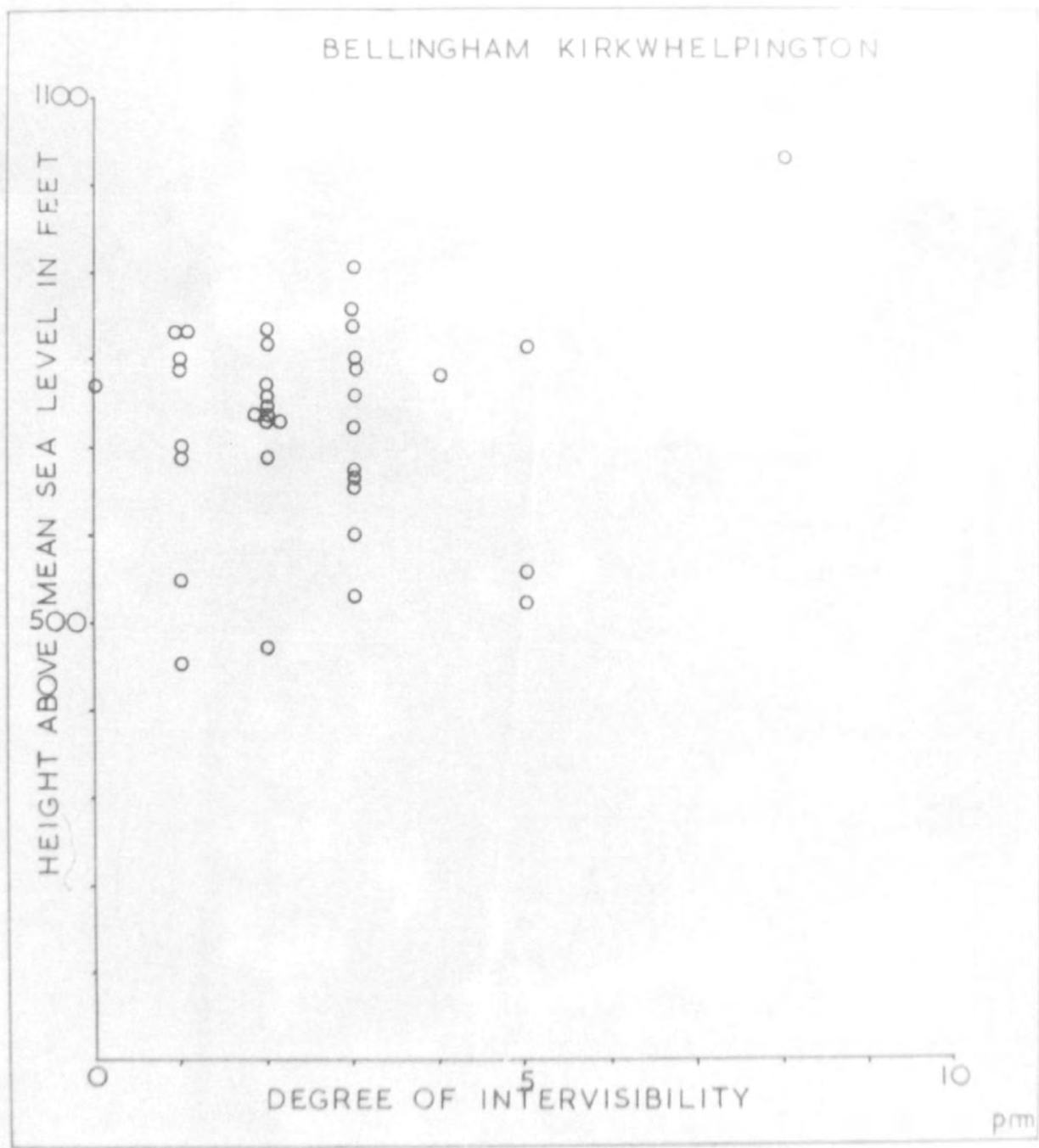


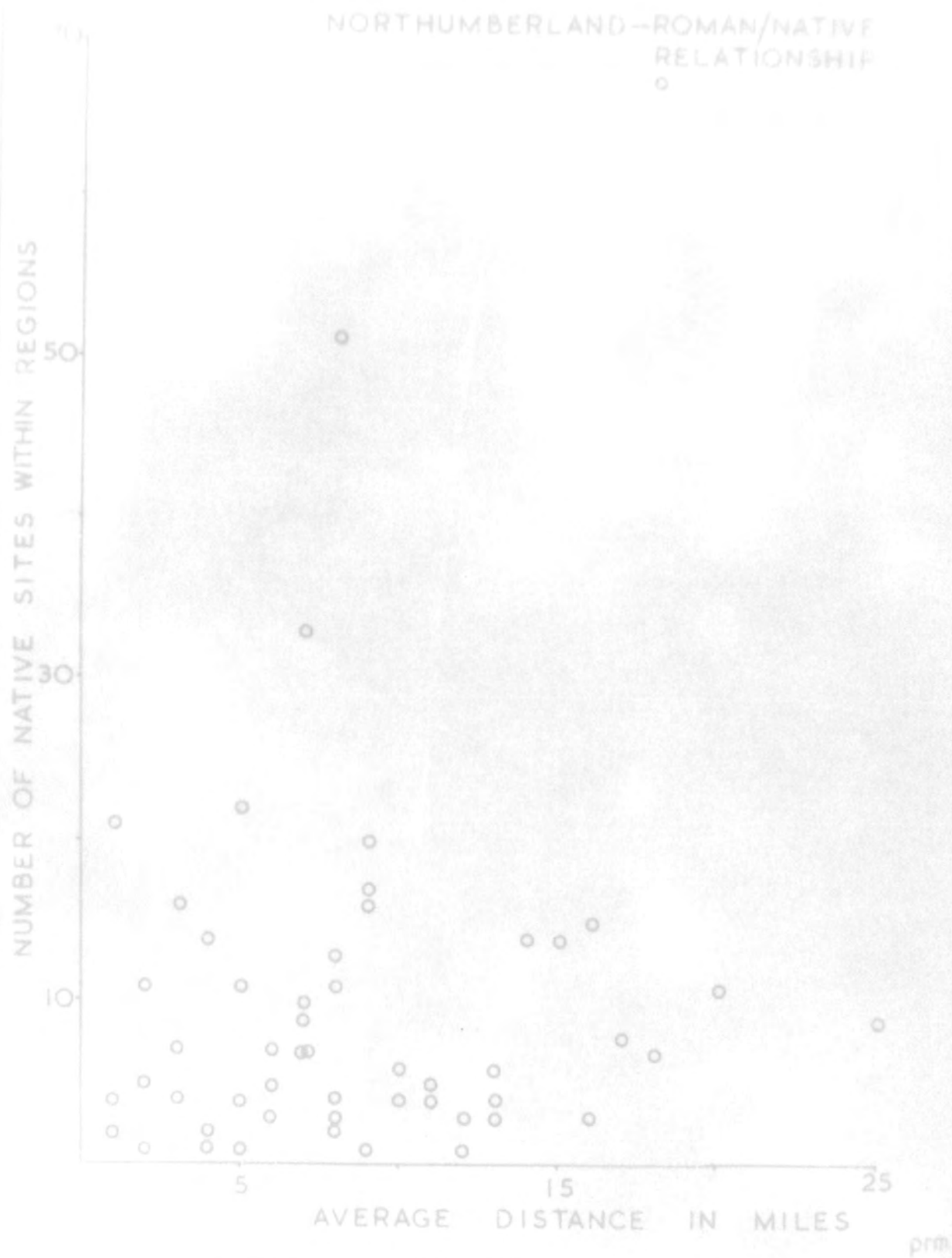












NORTH NORTHUMBERLAND  
STONE BUILT SETTLEMENTS  
AND ROMAN FORTS

