

**THE NEOLITHIC QUARRIES AND AXE FACTORY SITES OF GREAT LANGDALE AND SCAFELL PIKE: A new field survey.**

by Philip Claris and James Quartermaine

Microfiche 1 - 58

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Microfiche sheet 1

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22-44 Tabulated descriptions of all working sites and accompanying key.

Microfiche sheet 2

45-58 Tabulated descriptions of all working sites and accompanying key.

The arrangement of the survey plans on microfiche broadly corresponds to their relative locations, for ease in comparing adjacent plans. However this means that they are not in numerical order.

Layout of microfiche sheet 1






TITLE	FICHE LAYOUT	1 GENERAL LOCATION PLAN	2 PLAN 1	3 PLAN 9	4 PLAN 13	5 GENERAL LOCATION PLAN		
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				← SITE CATALOGUE →				
	37	38 CATALOGUE KEY	39	40	41	42	43	44
					← SITE CATALOGUE →			




Layout of microfiche sheet 2

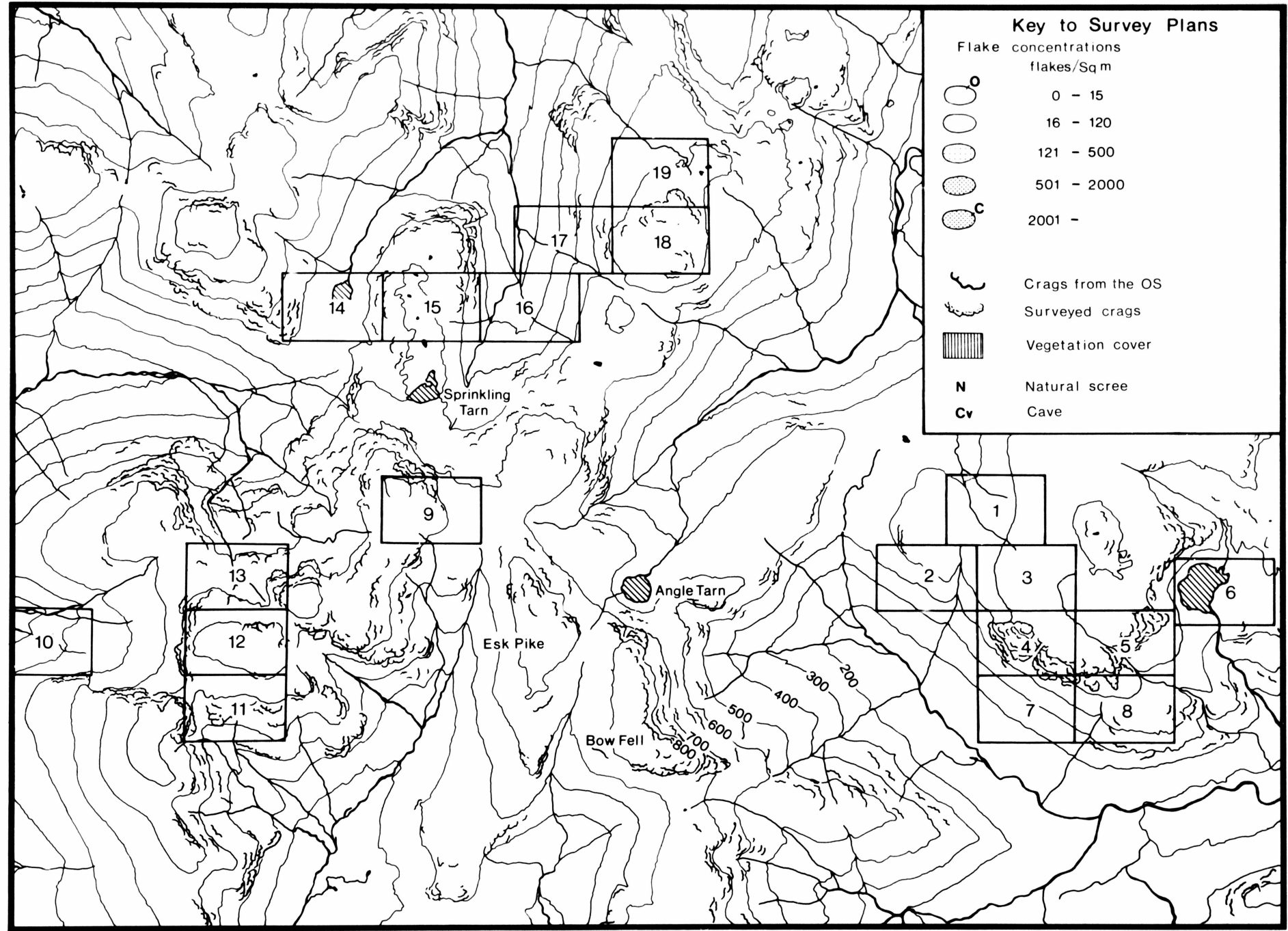
	45	46 CATALOGUE KEY	47	48		49	50	51	52
53	54	55	56	57	58				

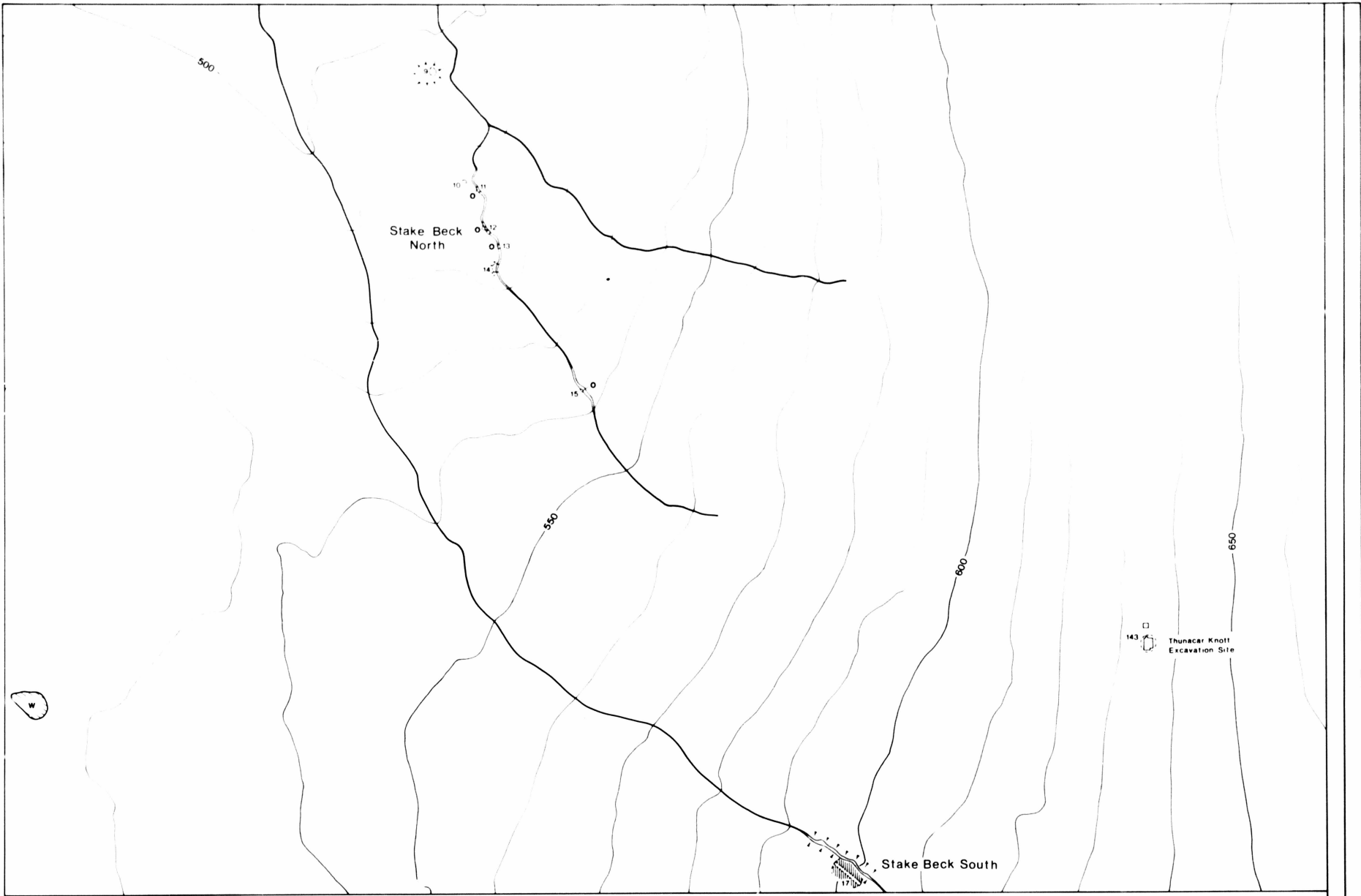
### Key to Survey Plans

Flake concentrations  
flakes/Sq m

-  0 - 15
-  16 - 120
-  121 - 500
-  501 - 2000
-  2001 -

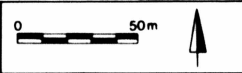
-  Crags from the OS
-  Surveyed crags
-  Vegetation cover
- N** Natural scree
- Cv** Cave





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LANGDALE/SCAFELL PIKE AXE FACTORY SURVEY  
 PLAN No. 1      PLAN NAME STAKE BECK



COMMENTS  
 The Thunacar Knott excavation is located by coordinates from the excavation report ± 10m.  
 DATE 6 1984

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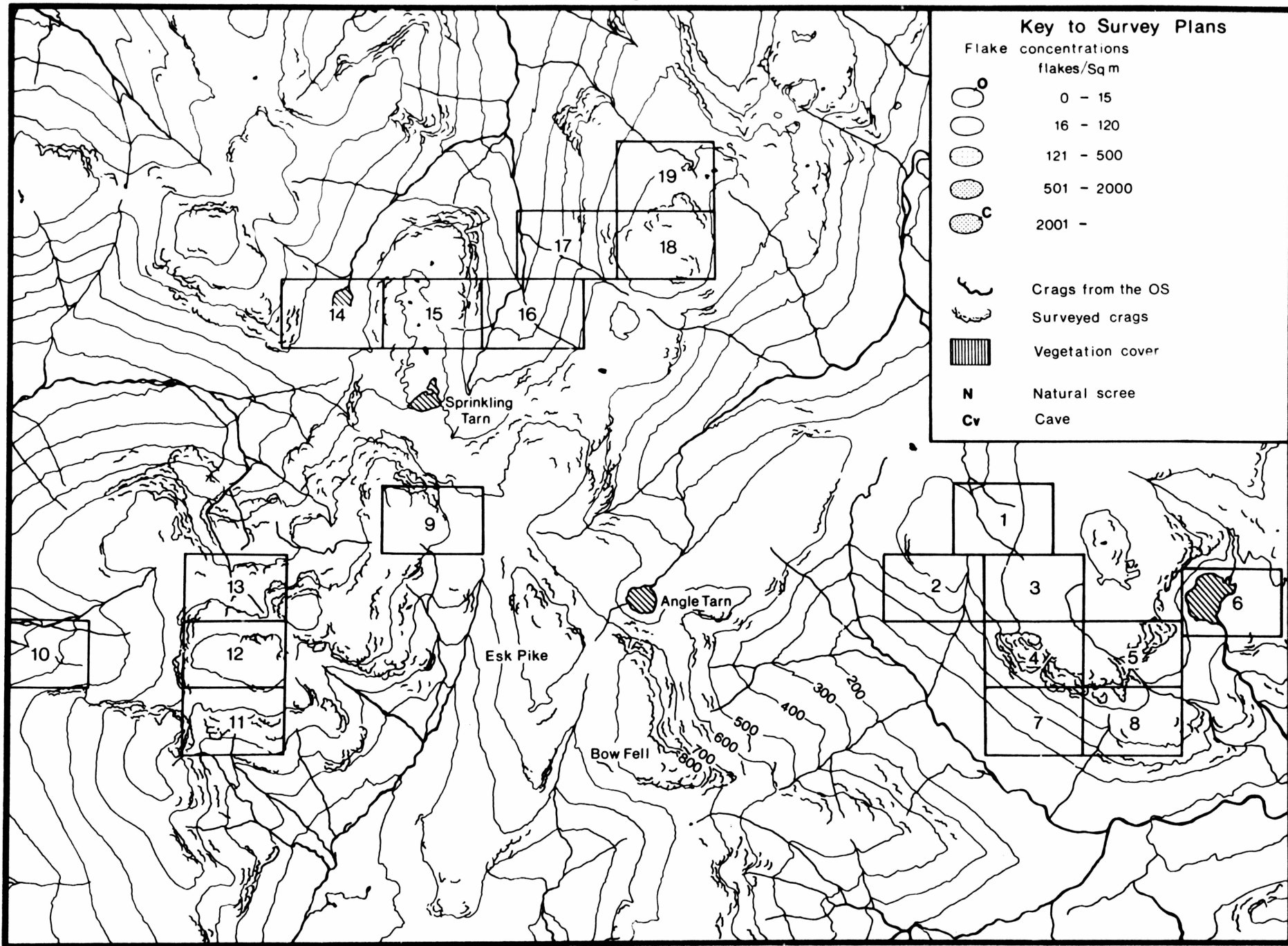
LANGDALE/SCAFELL PIKE AXE FACTORY SURVEY  
PLAN No 13 PLAN NAME SCAFELL PIKE IX



DATE

7 1985

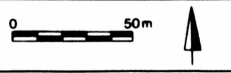
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 PLAN No. 2  
 PLAN NAME TROUGHTON BECK



DATE 8 1984

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LANGDALE/SCAFELL PIKE AXE FACTORY SURVEY  
 PLAN No. 3  
 PLAN NAME STAKE BECK



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LANGDALE/SCAFELL PIKE AXE FACTORY SURVEY

PLAN No. 6

PLAN NAME STICKLE TARN



DATE

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LANGDALE/SCAFELL PIKE AXE FACTORY SURVEY

PLAN No 10

PLAN NAME BROWN TONGUE

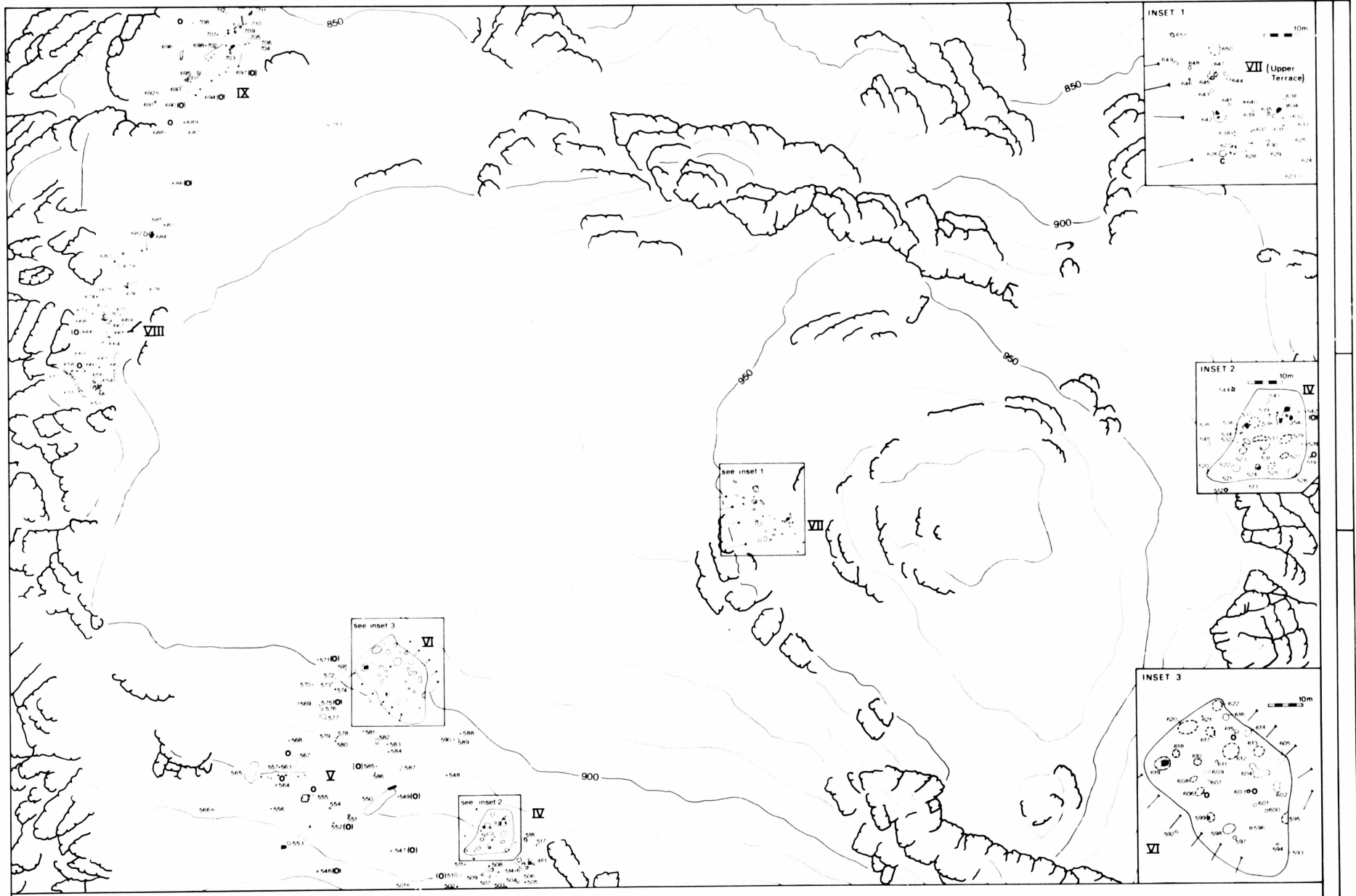
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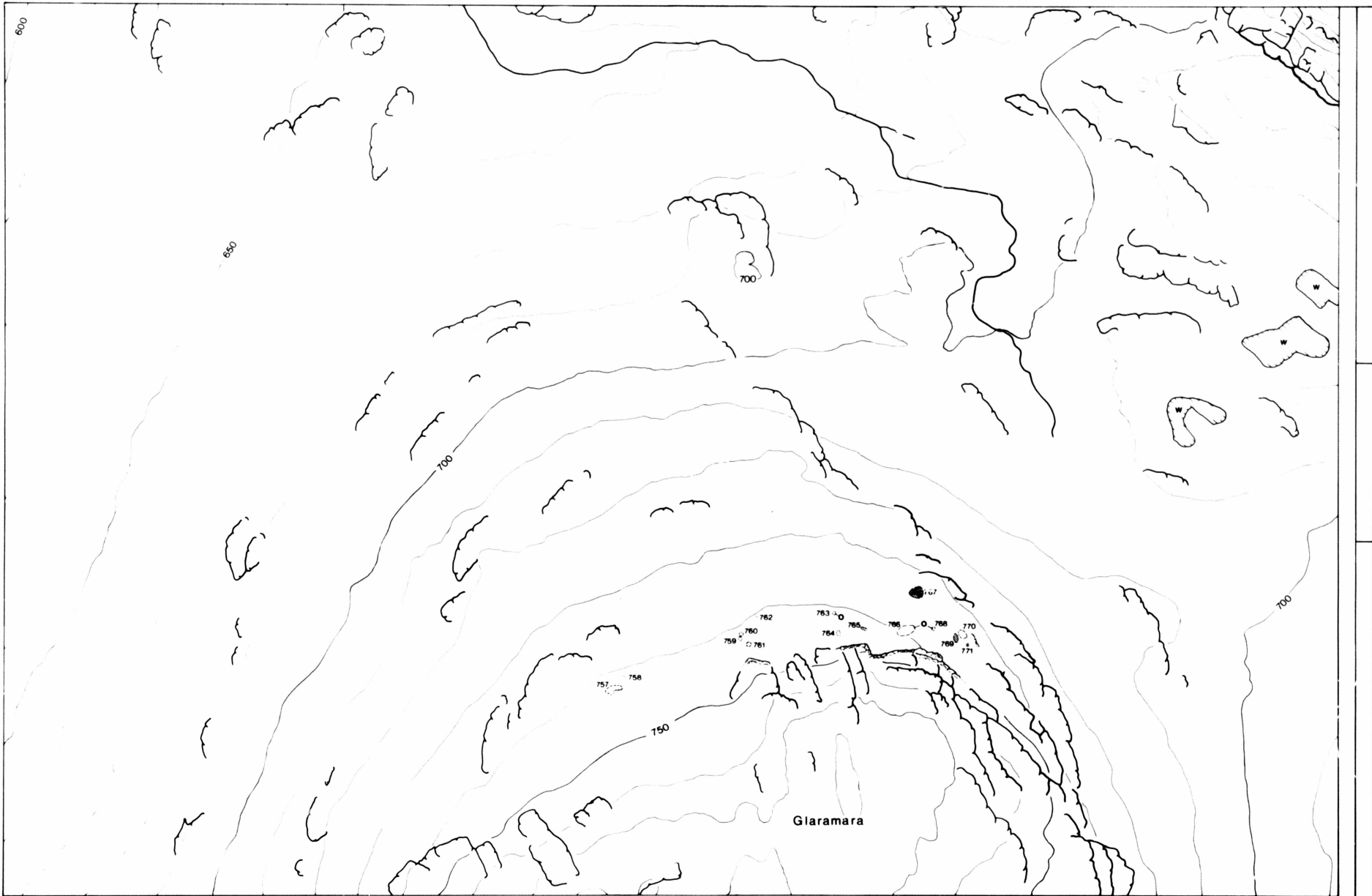
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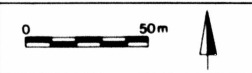


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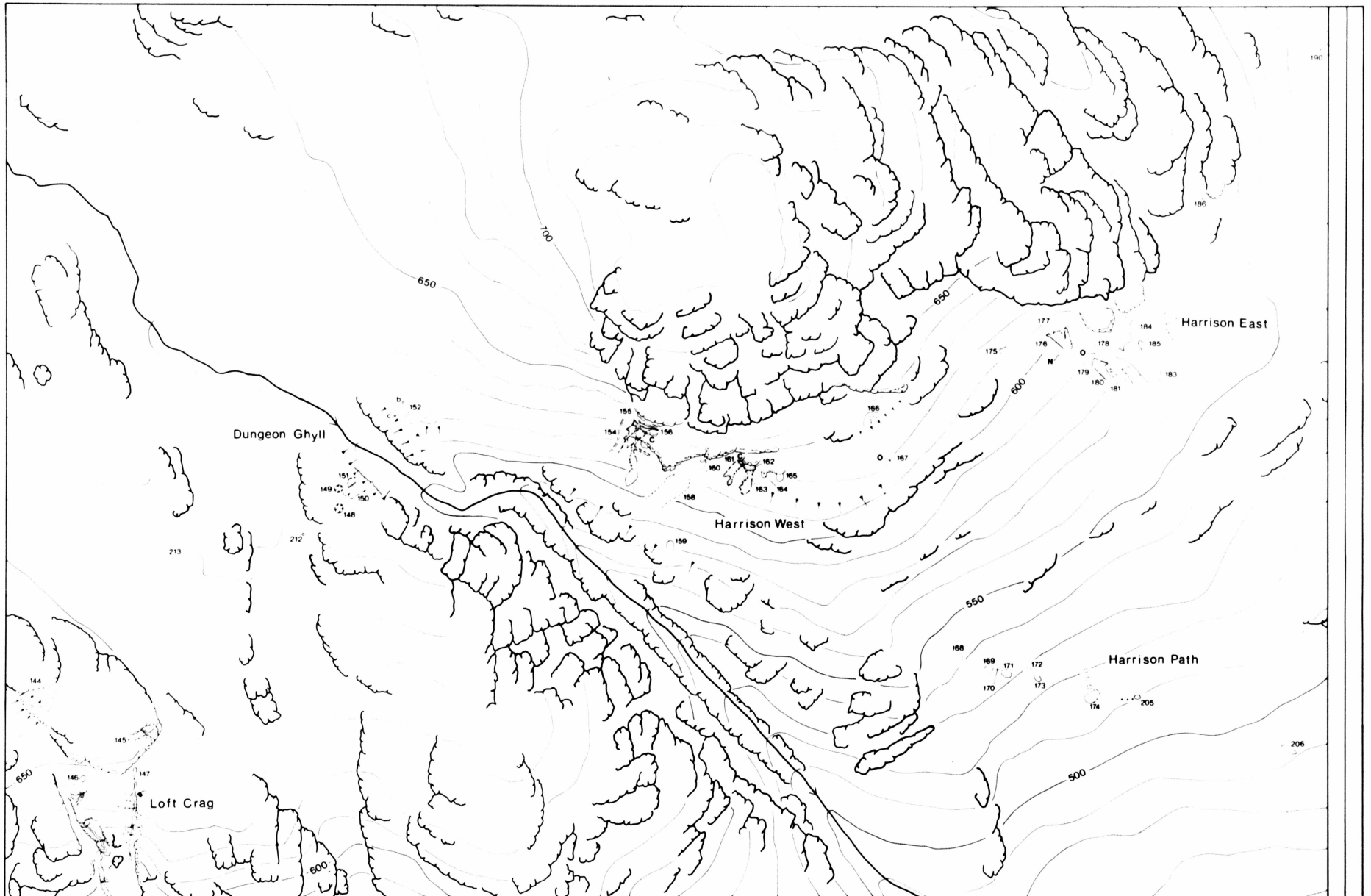
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 PLAN No. 19  
 PLAN NAME GLARAMARA



DATE 7 1985

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LANGDALE/SCAFELL PIKE AXE FACTORY SURVEY

PLAN No. 5

PLAN NAME HARRISON STICKLE

0 50m



DATE

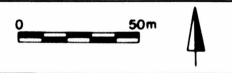
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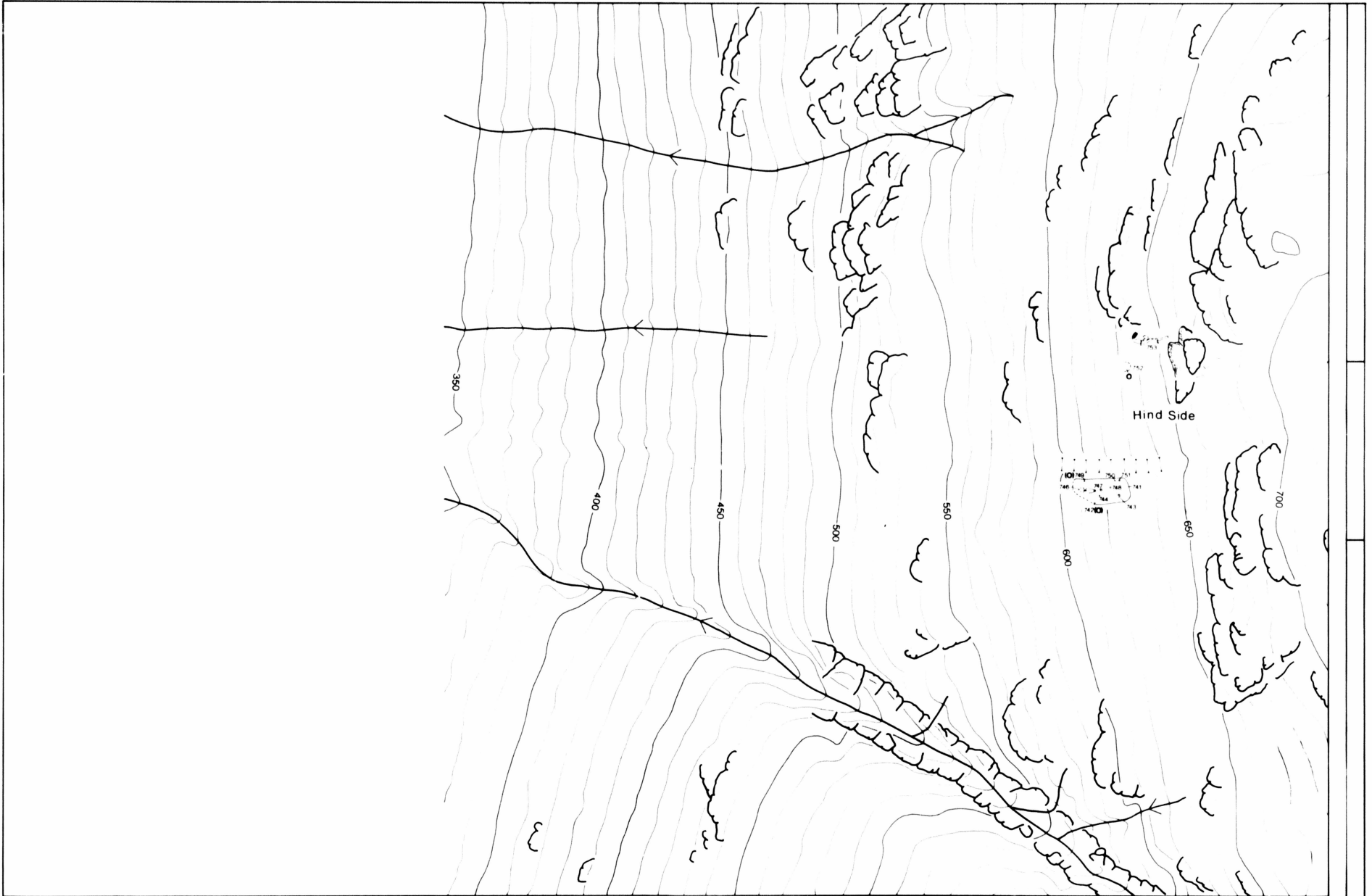
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PLAN No. 11  
PLAN NAME SCAFELL PIKE I-IV



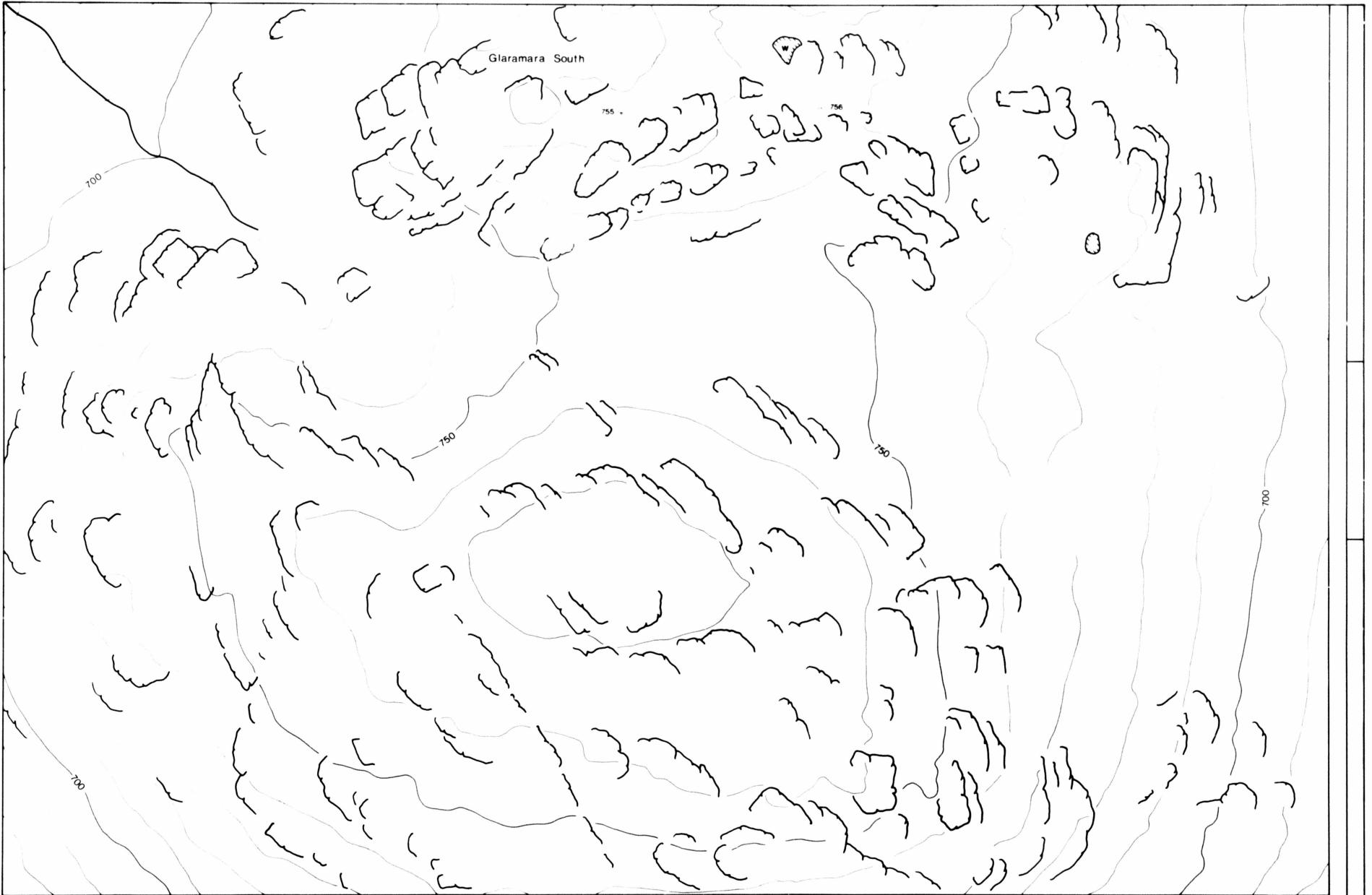
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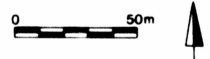
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	PLAN No. 17	PLAN NAME HIND SIDE					





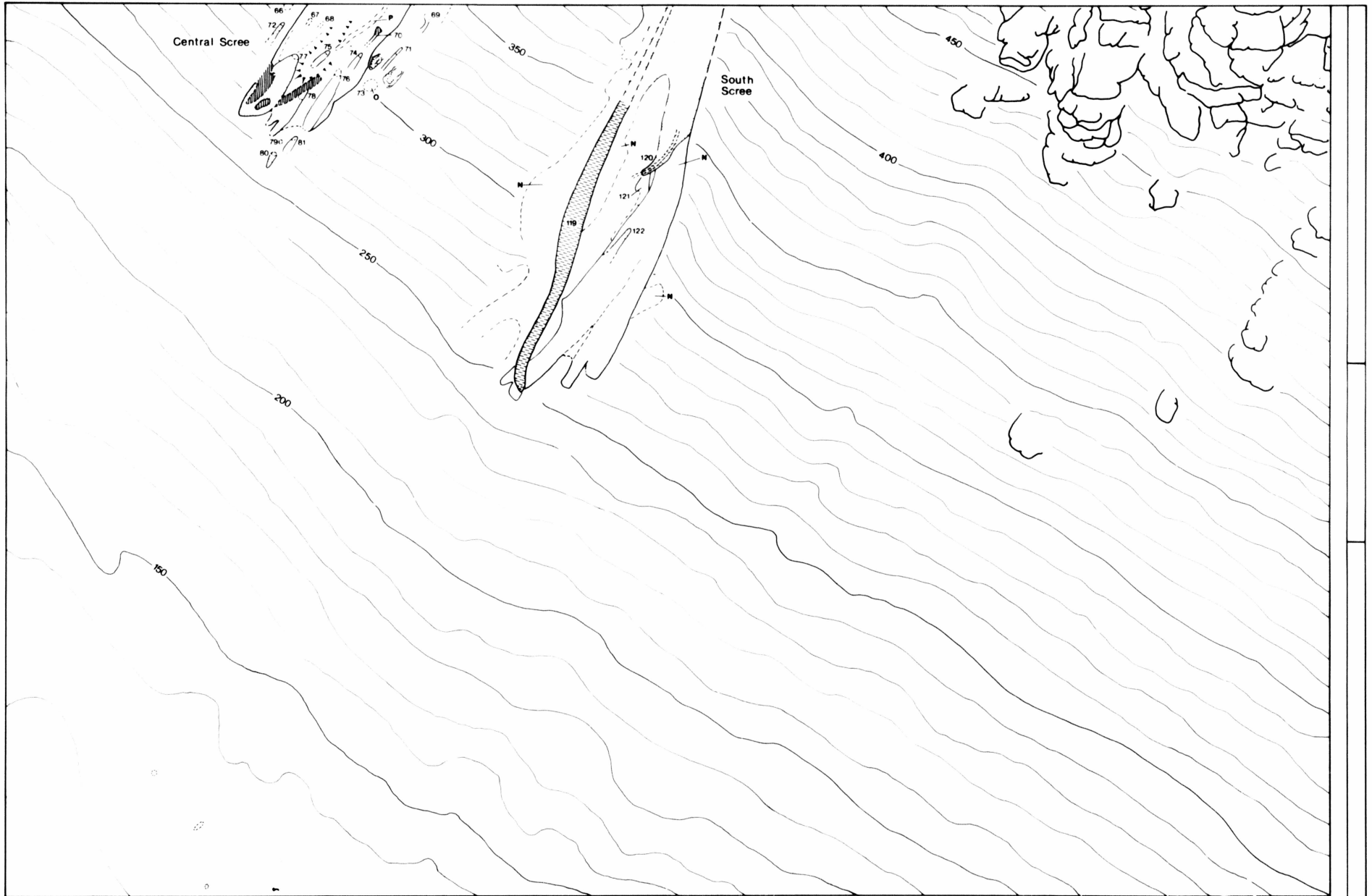
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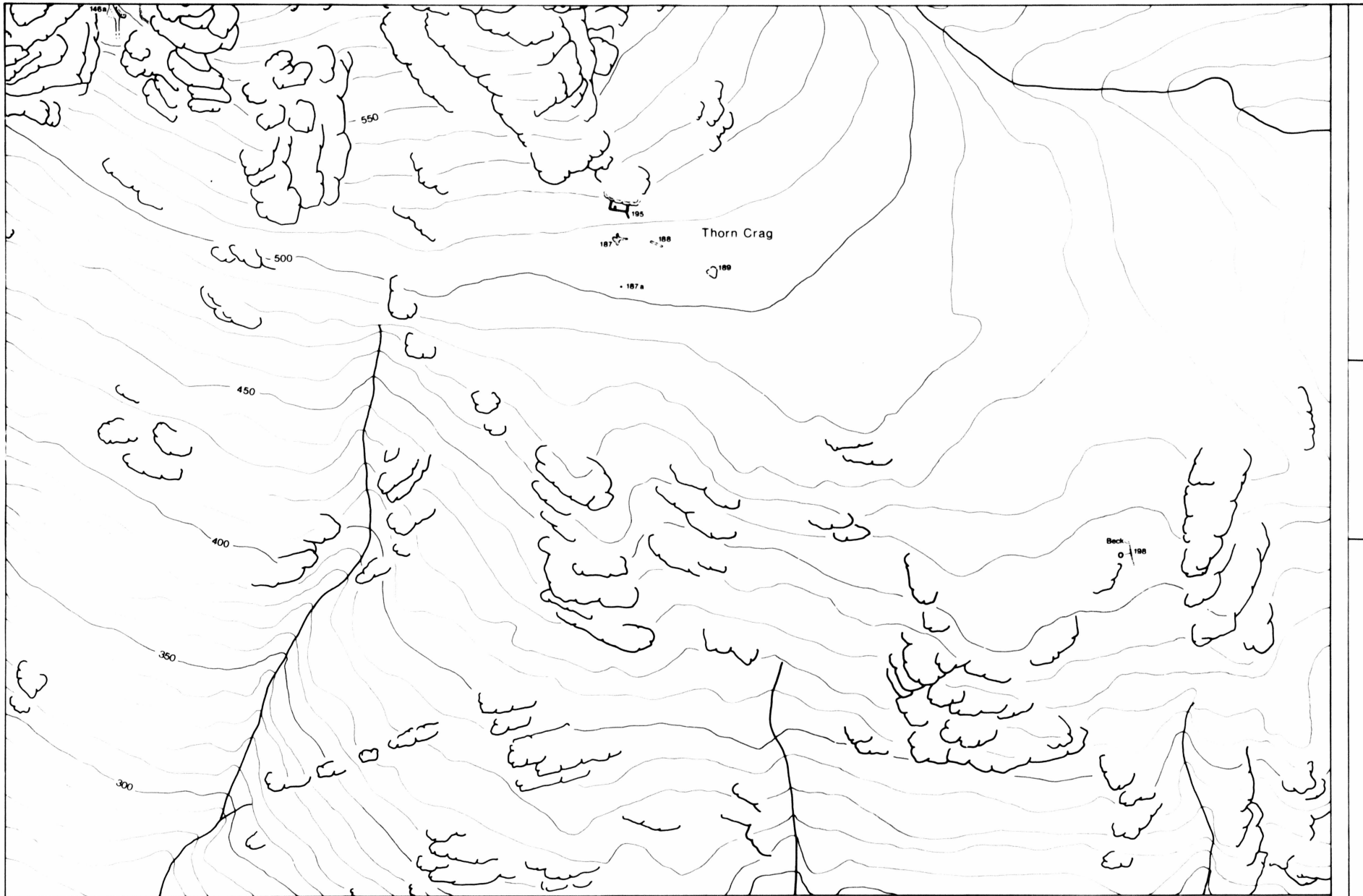
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 PLAN No 18      PLAN NAME GLARAMARA

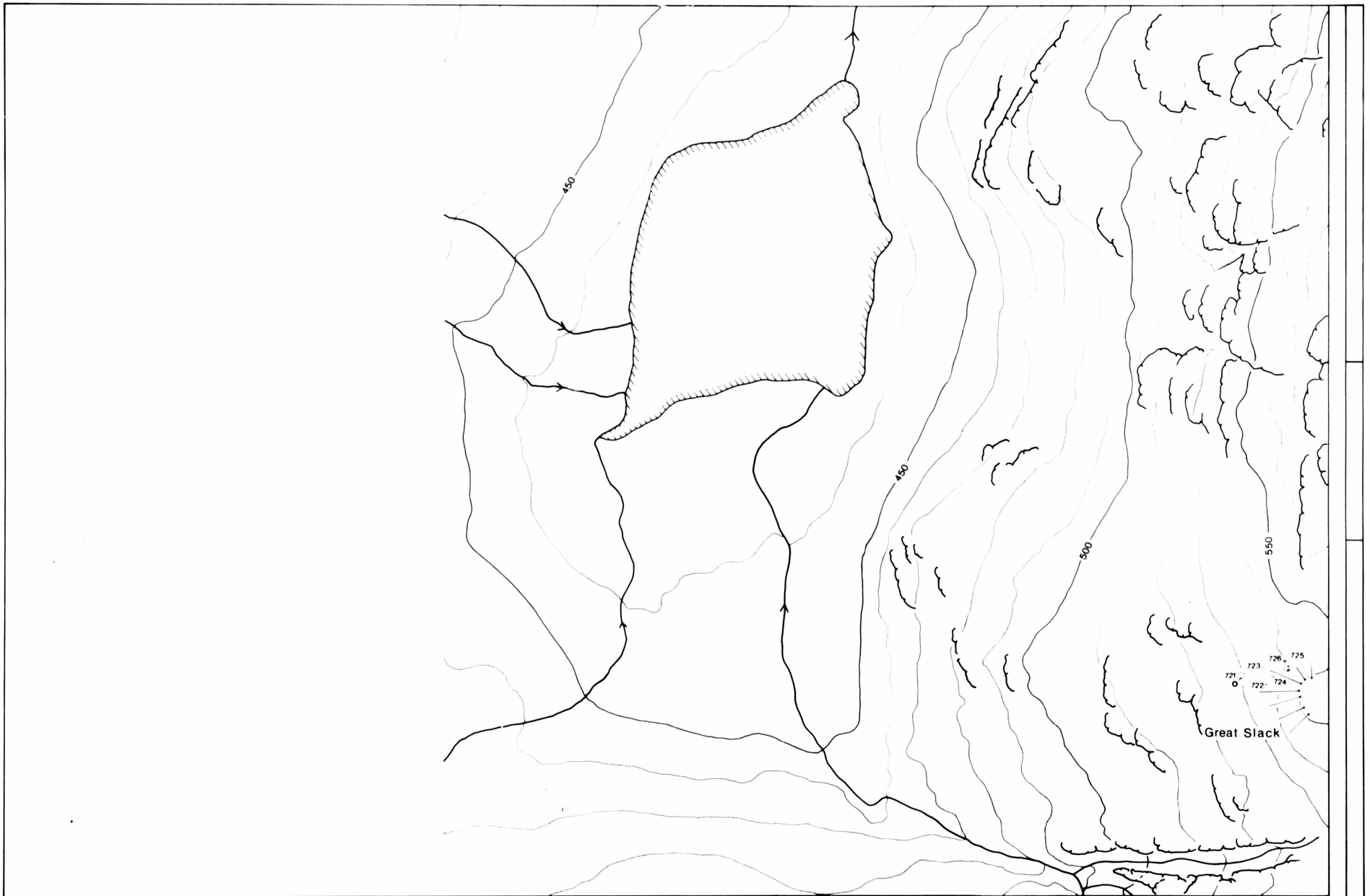


DATE  
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PLAN No 14

PLAN NAME GREAT SLACK



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LANGDALE/SCAFELL PIKE AXE FACTORY SURVEY

PLAN No 15

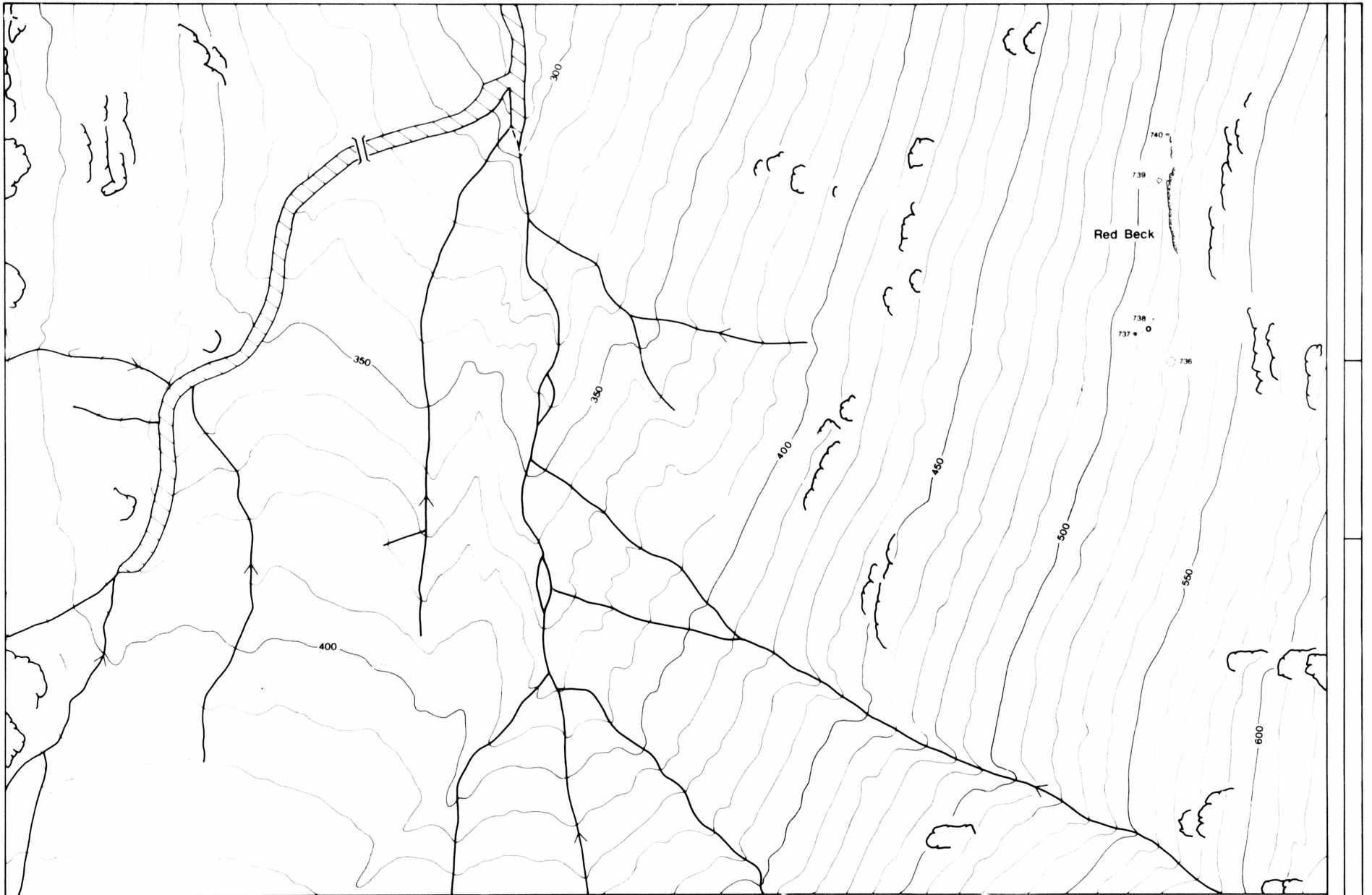
PLAN NAME SPRINKLING CRAGS



DATE

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	PLAN No 16	PLAN NAME RED BECK			DATE	9 1985

## Codes and abbreviations for the summary site catalogue

Group codes  
(in site number order)Flake  
Concentration codes:

Code	Plan No.	Name	Code	Flakes/Sqm
<b>Great Langdale</b>			1	0 - 30
			2	31 - 60
TRB	2	Troughton Beck	3	61 - 120
SBN	1	Stake Beck (North)	4	121 - 250
SBS	1,3	Stake Beck (South)	5	251 - 500
NS	4	North Scree	6	501 - 1000
CB	4	Central Buttress	7	1001 - 2000
CS	4,3	Central Scree	8	2001 - 4000
TB	4	Top Buttress	9	4001 - 8000
SS	4,3	South Scree	10	8001 -
MG	4	Middle Gully		
EG	4	East Gully		
LC	5,8	Loft Crag		
DG	5	Dungeon Ghyll		
HSW	5	Harrison Stickle (West)		
HSE	5	Harrison Stickle (East)		
HP	5	Harrison Path		
TC	8	Thorn Crag		
ST	6	Stickle Tarn		
HC	4,5	Harrison Combe		
<b>Great End</b>				
GE	9	Great End		
<b>Scafell Pike</b>				
BT	10	Brown Tongue		
SPI	11	Scafell Pike I		
SPII	11	Scafell Pike II		
SPIII	11	Scafell Pike III		
SPIV	11,12	Scafell Pike IV		
SPV	12	Scafell Pike V		
SPVI	12	Scafell Pike VI		
SPVII	12	Scafell Pike VII		
SPVIII	12	Scafell Pike VIII		
SPIX	12,13	Scafell Pike IX		
<b>Seathwaite Fell - Glaramara</b>				
GtS	14	Great Slack		
SG	15	Sprinkling Crags		
RB	16	Red Beck		
HS	17	Hind Side		
GS	18	Glaramara (South)		
GN	19	Glaramara (North)		

## Topography abbreviations

Abbreviated descriptions of the local topography and the context within which the sites are located:

Abbreviation	Description
Blockfield	The site is located in between the boulders of a static blockfield.
Cave-A	The site is a natural cave, which appears to have been artificially enlarged.
Cave	The site is in an apparently natural cave.
C.scree	The site is on top of a coarse scree.
Drift	The site is on top of a hummock of drift.
Gully	The site is within a gully.
Hollow	The site is in a hollow/artificial depression.
L. grad.	The site is in an area of low gradient.
S. grad.	The site is in an area of steep gradient.
On scree	The flakes are on top of medium to fine natural scree.
Scree	The debitage is mixed with a fine natural scree.
Stream	There are some flakes in the bottom of a beck which are probably not <u>in situ</u> .
Section	Flakes exposed in the section of a stream bank.
Terrace	The site is located on a natural terrace.
Tuffcrag	Outcropping fine grained tuff at top of site.



### Condition abbreviations

Abbreviated descriptions of the condition of the sites and of the factors which have affected the sites subsequent to their formation.

Abbreviation	Description
Boulder	There are large boulders on the site, which have come to rest since the neolithic period. They partly protect the site from further erosion.
C.scree	There is a partial overburden of coarse scree which reduces the definition of the site.
Ex.	The site has been disturbed by an illicit excavation.
Ex.CF	Excavated by Clare Fell in 1949.
Ex.TC	Excavated by Tim Mck.Clough in 1969 & 1970.
Ex. RU	The site has been excavated by the Reading University team, 1986-7.
Ill def.	The site is ill defined.
Obsc.	The working area of this site is partly obscured by the spread of debitage down from the site above.
Path	The site is disturbed by a path and is ill defined.
Peat	The site is partly obscured by peat overburden.
Scree	The site has a partial overburden of fine to medium scree material.
Size>	Flakes increase in size towards the bottom of the site, the result of extensive erosion.
Veg.	The site is partly obscured by vegetation, hence some or all of the limits of the site are unknown.
Water	The site is submerged beneath standing water.
Well def.	The site has well defined edges, which are not obscured by any overburden.

### Site status abbreviations

The site status indicates the degree to which a deposit is considered to result from axe production at the site, or comprises / includes run-off debitage from higher production sites, or is merged with adjacent sites.

Abbreviation	Description
Axe prod.	This deposit represents axe production at the site and there is no run-off from higher sites.
Axe prod?	Part of the deposit is obscured by surrounding overburden; the visible part appears to represent axe production at or near the site.
Back.conc.	The site is in an area of extensive axe working, and though this is probably a centre of axe production, it is merged with other adjacent sites by a general background flake concentration.
Merge (n)	This site is separated from the adjacent site (n), by overburden and the deposits possibly merge.
Prod/run	The deposit probably represents axe production at the site, but includes an additional run-off component from above.
Run off	The deposit is formed of run-off from above, and there is no evidence to support axe manufacture at the site.
Run off?	The deposit appears to be formed of run-off from above, but as the surrounding area is obscured by overburden this may be in doubt.
Single?	This site is independent of other sites, it has a small quantity of debitage and possibly represents the manufacture of a single axe.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography cf. Fiche 23	Condition cf. Fiche 24	Site Status cf. Fiche 25	Descriptive Comment
1	B	TRB	235	7	SML	Scree/Tuffcrag	Veg/Size>	Merge 2	Working areas 1 & 2 are separated by turf, but the run-off merges further down. The base of the adjacent fine tuff crag is obscured by turf.
2	B	TRB	93	8	SML	Scree/Tuffcrag	Veg/Size>	Merge 1	
3	B	TRB	546	6	SML	Scree	Veg/Size>	Axe prod.	There is a possible independent site to the north.
4	B	TRB	60	2	M	On scree	Ill def.	Axe prod.	
5	B	TRB	25	1	SM	Scree		Axe prod.	
6	B	TRB	83	1	M	Scree/Gully		Axe prod.	
7	B	TRB	305	6	ML	Scree/Tuffcrag	Veg.	Prod/run?	Flake conc. is higher at bottom of crag than top.
8	B	TRB	6	3	M		Veg.	Run-off	
9	D	SBN	14	6	SM	Drift		Axe prod.	It has c.30 frags. of unworked tuff, which are larger than 120mm x 100mm in size.
10	D	SBN	0.7	2	SM	Section		Axe prod.	
11	D	SBN	4	1	M	Stream	Water	Run-off	There are no flakes in the exposed stream bank.
12	D	SBN	7	1	M	Stream	Water	Run-off	These are two adjacent sites with run-off flakes.
13	D	SBN	3	1	M	Stream	Water	Run-off	There are no flakes in the exposed stream bank.
14	D	SBN	5	2	SML	Section		Axe prod.	Flakes stratified below humus and above morainic material.
15	D	SBN	1	1	M	Section		Axe prod.	Flakes stratified above morainic material.
16	D	SBS	35	5	SML	Stream	Path/Ex.RU	Axe prod.	There are separate areas of large & small flakes.
17	D	SBS	28	2	SM		Path/Veg.	Axe prod.	Adjacent rock not fine tuff.
18	C	NS	18	7	ML		Veg/Boulder	Merge 19	Its run-off merges with the run-off of site 19, which then spills into the adjacent gully.
19	C	NS	16	5	M		Boulder	Merge 18	There is a small independent site 4m to SW of site 19.
20	C	NS	23	3	SML	Gully	Ill def/Size>	Prod/run	The small flakes are at the top of the site.
21	C	NS	8	5	ML		Boulder	Axe prod.	The boulders obscure the site as well as protecting it.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition cf. Fiche 24	Site Status cf. Fiche 25	Descriptive Comment
22	C	NS	6	3	S		Path/Veg.	Merge 23	Sites 22 & 23 are adjacent, and they have widely contrasting flake sizes, possibly representing two stages of axe manufacture.
23	C	NS	9	4	ML		Path/Veg.	Merge 22	
24	C	NS	460	4	SM	Scree	Path/Veg/Size>	Axe prod?	Extensive erosion and vegetation cover.
25	C	NS	580	2	M	Scree	Path/Ill def Veg/Obsc.	Prod/run Merge 27	The working floor is obscured by run-off from site 24 and the site is also overlain by site 27.
26	C	NS	110	3	ML	C.scree/scree	Well def/Size>	Axe prod.	It is away from the main area of working.
27	C	NS	90	2	M	Scree	Path	Prod/run? merge 25	Heavily disturbed / eroded, and appears to be within and on site 25
28	C	NS	300	3	M	Scree/C.scree	Well def/Size>	Axe prod.	It is separate from the main area of working.
29	C	NS	129	2	SL	Scree/Gully	Well def/Size>	Axe prod.	
30	C	NS	455	2	M	Scree	Path	Prod/run?	Heavily disturbed and overlain with run-off.
31	C	NS	93	2	SM	Scree/C.scree	Well def.	Prod/run	The run-off spills over site 36.
32	C	NS	95	2	SM	Scree	Path/Veg.	Axe prod.	It is located on a natural spur.
33	C	NS	22	2	M	Scree/C.scree	Well def.	Prod/run	It has a higher flake conc. than site 29 above.
34	C	NS	59	2	M	Scree/C.scree	Well def/Size>	Axe prod.	It is separate from the main working area.
35	C	NS	53	2	M	Scree	Ill def	Axe prod.	The eastern edge overlies coarse scree and is well defined
36	C	NS	60	1	SM	Scree	Ill def/Size>	Prod/run?	It is obscured by run off, but may have <i>in situ</i> working.
37	C	NS	60	2	M	Scree/Gully	Ill def.	Prod/run	<i>In situ</i> working, but also mixed with run-off.
38	C	NS	106	3	ML	Scree	Ill def/Size>	Axe prod.	
39	C	NS	269	2	M	Scree	Obsc.	Prod/run	A secondary working floor, on top of a grassy spur, merges with the main site.
40	C	NS	40	4	M	Scree/C.scree		Axe prod.	The flakes run-off into site 39.
41	C	NS	3	3	ML	Scree	Veg.	Axe prod.	It is in an area of erosion.
42	C	NS	18	2	M		Veg.	Axe prod.	South of this site there is no debitage.
43	B	TB	12	3	M		Veg.	Axe prod.	The site comprises a working floor and a distinct run-off.
44	B	TB	26	3	SM		Veg.	Axe prod.	An exposure of flakes, which spill into a dried stream bed.
45	B	TB	96?	2	M	Stream		Run-off	Flakes in a dried stream bed, probably from site 44.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography cf. Fiche 23	Condition cf. Fiche 24	Site Status cf. Fiche 25	Descriptive Comment
46	C	CB	77	3	SML	Gully		Prod/run	Possibly in part run-off from site 110, on Top Buttress.
47	C	CB	3	3	SM			Axe prod?	It is apparently independent of the adjacent site 146.
48	C	CB	8	3	SM		Veg.	Axe prod.	The flakes run-off into site 46.
49	C	CB	54	7	ML		Ill def/Veg.	Prod/run	Sites 49 and 50 are adjacent and have widely contrasting flake sizes, possibly representing two stages of manufacture.
50	C	CB	76	5	S		Ill def/Veg.	Axe prod?	
51	C	CB	50	4	SM	C.scree	Well def.	Axe prod.	
52	C	CB	368	6	SML		Veg.	Axe prod.	Large area of debitage, partly obscured by veg. to NW.
53	C	CB	63	9	ML	C.scree	Veg/Ex. Boulder	Axe prod.	This is probably an exposure of a much larger site. The main area of flakes is in part spoil from the excavation.
54	C	CB	3	3	SM	C.scree	Veg.	Axe prod?	Site includes flakes and large blocks of fine tuff.
55	C	CB	95	3	SM	Gully	Veg.	Axe prod.	
56	C	CB	3	6	ML		Veg.	Axe Prod?	
57	C	CS	7	4	SM		Veg.	Axe prod?	It is a small site, which spills partly into site 59.
58	C	CS	12	1	M		Veg/Path	Axe prod.	It is above a crag, at the top of Central Scree.
59	C	CS	c400	4	SML	Scree	Veg/Size>	Merge 60	Ill defined towards bottom, where it merges with site 60.
60	C	CS	220	5	SM	Scree/Gully	Veg/Size>	Merge 59	Ill defined towards bottom, where it merges with site 59.
61	C	CS	c250	1	SML	Scree	Veg.	Axe prod?	The flaking floor is not visible at this site.
62	C	CS	c150	9	SM	Scree/Gully	Ex/Veg.	Axe prod.	There is possibly a substantial depth to the deposit.
63	C	CS	c110	6	SML	Scree	Veg.	Axe prod.	It merges towards the bottom with the run-off of site 62.
64	C	CS	c19	1	M		Scree	Axe prod?	It may not be a working floor.
65	C	CS	36	2	M	Scree	Ill def.	Prod/run	The flake conc. is slightly higher than the background.
66	C	CS	15	2	M		Ill def.	Axe prod?	A small deposit of flakes, outside the main working area.
67	C	CS	7	2	SM	Scree	Ill def.	Axe prod?	Sites 67 & 68 have low concentrations, which are only slightly higher than the background concentration. Hence they are ill defined and may not be working floors.
68	C	CS	6	2	SM	Scree	Ill def.	Axe prod?	
69	C	CS	25	2	SM	Scree	Path	Axe prod.	This is independent of the main scree area.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition	Site Status	Descriptive Comment
						cf. Fiche 23	cf. Fiche 24	cf. Fiche 25	
70	C	CS	15	4	SML	Scree	Veg.	Axe prod?	The working floor may be partly obscured by vegetation.
71	C	CS	20	2	M	Scree	Boulder	Axe prod.	It is independent of the main scree area.
72	C	CS	35	5	SM	Scree	Well def.	Axe prod.	It is separate from the main scree area.
73	C	CS	c30	1	M	Scree	Ill def/Scree	Axe prod?	It is independent of the main scree area.
74	C	CS	25	3	SML	C.scree/Scree	Ill def.	Axe prod?	The flake conc. is slightly higher than the background.
75	C	CS	35	3	SM	C.scree/Scree	Well def.	Axe prod.	The site appears relatively undisturbed.
76	C	CS	250	4	SML	Scree	Size>/Veg.	Axe prod.	The working floor is partly turf covered.
77	C	CS	c490	5	SML	Scree	Veg/Size>	Axe prod.	Vegetation obscures much of the central section.
78	C	CS	205	4	SML	Scree	Veg/Size>	Axe prod.	West edge obscured by turf; East edge well defined.
79	C	CS	3	4	SML		Veg/Well def.	Axe prod?	The working floor is upslope and obscured by turf.
80	C	CS	24	5	SM	C.scree	Veg/Well def.	Axe prod?	
81	C	CS	34	4	SM	Scree	Size>	Prod/run	There is possibly some run-off from site 76 here.
82	B	TB	10	8	SML		Veg.	Merge 83	It includes tuff frags. up to 0.3m across. Sites 82 & 83 are separated by vegetation and may be parts of a single site.
83	B	TB	5	7	SML		Veg.	Merge 82	
84	B	TB	10	7	SML		Veg.	Axe prod?	There is a further small patch of flakes c.10m to west.
85	B	TB	86	9	SML	Tuffcrag	Veg.	Prod/run	The adjacent crag is obscured by vegetation.
86	B	TB	7	9	SM	Tuffcrag		Axe prod.	The flakes spill into the South Scree gully.
87	B	TB	90	7	SML	Scree	Veg.	Axe prod?	The flakes and tuff frags. are very weathered.
88	B	TB	12	7	SML	S.Grad.	Veg.	Axe prod?	There is possibly a run off component from 87 or 91.
89	B	TB	4	8	M	Tuffcrag	Veg.	Run off?	The site is an area of eroded vegetation.
90	B	TB	7	5	M		Veg.	Run off?	Vegetation obscures much of the site.
91	B	TB	217	7	SML		Veg.	Axe prod.	Much of this large flake site may be obscured upslope.
92	B	TB	150	7	SML	Tuffcrag	Veg.	Axe prod.	Eastern section (92) is apparently stratified below site 91.
93	B	TB	30	8	SML	Tuffcrag	Veg.	Prod/run?	Flake conc. is higher than at site 92 above.
94	B?	TB	307	7	SML	Tuffcrag	Veg.	Axe prod.	Crag, above site, has possible conchoidal fracturing.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography cf. Fiche 23	Condition cf. Fiche 24	Site Status cf. Fiche 25	Descriptive Comment
95	A	TB	7	7/8?	ML	Cave-A Tuffcrag	Ex-RU	Axe prod.	1.7m thick deposit, containing charcoal - fire setting?
96	AB	TB	6	?	/	Cave-A?		Axe prod.	Conchoidal fracturing on outcrop around entrance.
97	B?	TB	5	?	/	Cave/Tuffcrag		Axe prod.	There are no clear signs of conchoidal fracturing.
98	A	TB	105	10	SML	Tuffcrag	Ex-RU/Veg.	Axe prod.	Substantial undercut of crag face. It is the largest working site in the group.
99	AB	TB	10	6	SML	Cave-A?		Axe prod.	Conchoidal fracturing on outcrop around entrance.
100	A	TB	c.70	7	SML	Tuffcrag	Veg.	Prod/run	Crag face is undercut by 1.2m depth (to back of cave). However the assemblage includes run-off from site 98.
101	B	TB	6	5	M		Veg.	Run-off	
102	B	TB	113	7	SML	Tuffcrag	Veg.	Prod/run?	Partly run-off from site 98, but also some independent working towards the bottom.
103	AB	TB	148	9	SML	Tuffcrag	Veg.	Axe prod.	Limited conchoidal fracturing on crag at top of site.
104	B	TB	29	5	ML	Tuffcrag	Veg.	Run-off?	Mainly run-off, but possibly independent flaking also.
105	B	TB	5	5	SML	Tuffcrag	Veg.	Axe Prod?	
106	A	TB	94	9	SML	Tuffcrag	Veg.	Axe prod.	Undercut of crag-face to 0.2m height above flake deposit.
107	B	TB	10	6	M	Tuffcrag	Veg.	Axe Prod?	
108	B	TB	7	5	SML		Veg.	Run-off?	
109	B?	TB	5	4	SM	Tuffcrag	Veg.	Axe prod?	Tuff crag, c.5m away, has possible conchoidal fractures.
110	B	TB	114	5	SML		Veg.	Axe prod.	Debitage spills from here to Central Buttress below.
111	BD?	HC	>5	1	M		Ex.RU/Peat	Axe prod.	It may relate to an upper band of fine tuff.
112	B	SS	c.9860	7?	SML	Scree/Gully	Path	Run-off	This is disturbed, run-off material.
113	B	SS	c.22	7	M	Gully	Path	Prod/run?	A disturbed area, but with a high flake concentration.
114	B	SS	c.1	9	S	Gully	Boulders	Axe prod.	A 0.75m thick, sectioned flake deposit - trimming site?
115	B	SS	40	9	SM	Gully	Boulder/Size>	Axe prod.	A disturbed, highly concentrated flake deposit.
116	A	SS	c.9	/	/	Cave-A	Ex.CF	Prod/run	Conchoidal fracturing around the entrance. This was excavated by Clare Fell (Fell 1950).
117	BC?	SS	c.46	9	S	Gully	Path/Size>	Prod/run	A disturbed, highly concentrated flake deposit.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition	Site Status	Descriptive Comment
						cf. Fiche 23	cf. Fiche 24	cf. Fiche 25	
118	C	SS	c.160	5	ML	Scree		Axe prod.	Raw material probably comes from Mid. or East Gully
119	/	SS	c.1410	4/5	ML	Scree	Path	Run-off	This large deposit has been recently brought down by scree runners and water erosion, cf Current Arch. 102.
120	/	SS	/	4	ML	Scree	Path	Run-off	This is the lower extent of the South Scree run-off.
121	/	SS	150	3	ML	Scree	Path	Run-off	The worked material has been brought down by scree runners.
122	C	SS	78	5	M	Scree		Axe prod.	This working site is very remote from other working sites.
123	B	HC	c.35	7	SM		Path/Ex.RU	Axe prod.	There is an outcrop of fine tuff, c.6m away.
124	B	MG	10	1	M	C.scree	Ill def.	Axe prod.	It is c.2m away from a fine tuff outcrop.
125	B	MG	c.30	5	SM		Veg.	Axe prod.	It is about 5m away from a fine tuff outcrop.
126	A	MG	11	/	/		Ex./Veg.	Merge 127	A turf covered hollow, probably a quarry pit?
127	B	MG	20	6	ML		Veg.	Merge 126	This is probably the debitage from the site 126 quarry.
128	B	MG	6	7	M		Veg.	Axe prod?	The debitage spills into South Scree gully.
129	B	MG	c.5	6	SM		Veg.	Run-off?	This is probably only run-off material from site 126.
130	B	MG	c.290	5	SML	Gully	Veg.	Run-off?	This is mainly run-off, but possibly also indep. flaking.
131	B	MG	7	6	SM		Veg.	Axe prod.	
132	B	MG	25	5	SM		Veg/Ill def.	Axe prod?	This is partly covered by vegetation throughout.
133	B	MG	10	2	M		Veg/Ill def.	Axe prod?	This is partly covered by vegetation throughout.
134	B	MG	36	5	SML		Veg/Size>	Prod/run	
135	B	EG	52	?	SM		Veg/Ill def.	Axe prod?	There is an outcrop of fine tuff c.4m away.
136	B	EG	7	3	SM		Veg.	Axe prod.	
137	B	EG	130	4	M	Gully	Veg.	Prod/run	
138	B	EG	9	6	SM	C.scree	Veg.	Axe prod.	
139	AB	EG	87	6	SM	Tuffcrag	Size>	Axe prod.	The adjacent crag face has conchoidal fractures.
140	B	EG	270	2	M	Scree/Gully	Size>	Run-off	No evidence of independent flaking here.
141	B	EG	70	5	SML		Veg.	Axe prod?	



Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition cf. Fiche 23	Site Status cf. Fiche 24	Descriptive Comment cf. Fiche 25
142	B	EG	5	2	M		Veg/Ill def.	Axe prod?	
143	D	SBS	c.39	/	SML		Peat/ExTC	Axe prod.	Excavated by T Mck.Clough (Clough 1973). It was not relocated during the present survey.
144	B	LC	35	5	SML	Tuffcrag	Veg.	Axe prod.	Site exposed by path erosion.
145	B	LC	12	3	ML	Tuffcrag		Axe prod.	A small debitage deposit spilling down a crag face.
146	AB	LC	150	8	SML	Tuffcrag	Veg.	Axe prod.	There are conchoidal fractures on the adjacent rock face.
147	B	LC	70	8	SML	Tuffcrag	Veg.	Axe prod.	A small site with run-off down a substantial crag.
148	A	DG	15	/	/	L.grad.	Veg.	Axe prod.	A quarry pit, like those at Mynydd Rhiw (Houlder 1961).
149	A	DG	13	?	?	L.grad.	Ex.RU	Axe prod.	Quarried by the enlargement of existing cracks.
150	B	DG	63	6	SML	Tuffcrag Scree	Veg.	Prod/run	Sites 150 & 151 may be run-off from the quarry sites but may also be working using material extracted from sites
151	B	DG	19	7	SML		Veg.	Prod/run	148 & 149.
152	B	DG	c.35	4	ML		Peat	Merge 153	The flakes have a thick, chalky, white patina.
153	B	DG	c.24	1	SM		Peat	Merge 152	The flakes have a thick, chalky, white patina.
154	B	HSW	16	7	SML		Veg/Size>	Axe prod.	
155	B	HSW	c.55	7	SML	Tuffcrag	Veg.	Merge 156	Large flake deposit, but no clear evidence of quarrying.
156	AB	HSW	c.160	7	SML	Tuffcrag	Veg.	Merge 155	Conchoidal fractures on the adjacent fine tuff crag.
158	B	HSW	262	5	SM		Veg/Path	Axe prod?	Extensive vegetation cover obscures the site.
159	BC?	HSW	28	3	SM	Scree		Axe prod.	The site is possibly below the band of fine tuff.
160	B	HSW	c.18	7	M	Tuffcrag	Veg.	Axe prod.	The extent of the site is unknown because of turf cover.
161	A	HSW	56	8	SML	Tuffcrag	Veg/Ex.	Merge 162	Crag adjacent to 161 & 162 are heavily undercut (though more so at 162). They appear to be separate sites with
162	A	HSW	77	8	SML	Tuffcrag	Veg/Ex.	Merge 161	separate quarry sources, although the run-offs merge. Naturally detached blocks have also been used as a source.
163	B	HSW	8	6	SML		Ill def. Scree	Axe prod?	Separated from 162 by a band of scree.
164	B	HSW	7	6	M		C.scree/Veg.	Axe prod.	Localised concentration of flakes.
165	B	HSW	11	5	ML		C.scree/Veg.	Axe prod.	North edge obscured by vegetation.
166	B	HSE	29	4	L		C.scree/Veg.	Axe prod.	The extent of the debitage is not known.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition	Site Status	Descriptive Comment
						cf. Fiche 23	cf. Fiche 24	cf. Fiche 25	
142	B	EG	5	2	M		Veg/Ill def.	Axe prod?	
143	D	SBS	c.39	/	SML		Peat/ExTC	Axe prod.	Excavated by T Mck.Clough (Clough 1973). It was not relocated during the present survey.
144	B	LC	35	5	SML	Tuffcrag	Veg.	Axe prod.	Site exposed by path erosion.
145	B	LC	12	3	ML	Tuffcrag		Axe prod.	A small debitage deposit spilling down a crag face.
146	AB	LC	150	8	SML	Tuffcrag	Veg.	Axe prod.	There are conchoidal fractures on the adjacent rock face.
147	B	LC	70	8	SML	Tuffcrag	Veg.	Axe prod.	A small site with run-off down a substantial crag.
148	A	DG	15	/	/	L.grad.	Veg.	Axe prod.	A quarry pit, like those at Mynydd Rhiw (Houlder 1961).
149	A	DG	13	?	?	L.grad.	Ex.RU	Axe prod.	Quarried by the enlargement of existing cracks.
150	B	DG	63	6	SML	Tuffcrag Scree	Veg.	Prod/run	Sites 150 & 151 may be run-off from the quarry sites but may also be working using material extracted from sites 148 & 149.
151	B	DG	19	7	SML		Veg.	Prod/run	
152	B	DG	c.35	4	ML		Peat	Merge 153	The flakes have a thick, chalky, white patina.
153	B	DG	c.24	1	SM		Peat	Merge 152	The flakes have a thick, chalky, white patina.
154	B	HSW	16	7	SML		Veg/Size>	Axe prod.	
155	B	HSW	c.55	7	SML	Tuffcrag	Veg.	Merge 156	Large flake deposit, but no clear evidence of quarrying.
156	AB	HSW	c.160	7	SML	Tuffcrag	Veg.	Merge 155	Conchoidal fractures on the adjacent fine tuff crag.
158	B	HSW	262	5	SM		Veg/Path	Axe prod?	Extensive vegetation cover obscures the site.
159	BC?	HSW	28	3	SM	Scree		Axe prod.	The site is possibly below the band of fine tuff.
160	B	HSW	c.18	7	M	Tuffcrag	Veg.	Axe prod.	The extent of the site is unknown because of turf cover.
161	A	HSW	56	8	SML	Tuffcrag	Veg/Ex.	Merge 162	Crag adjacent to 161 & 162 are heavily undercut (though more so at 162). They appear to be separate sites with separate quarry sources, although the run-offs merge.
162	A	HSW	77	8	SML	Tuffcrag	Veg/Ex.	Merge 161	Naturally detached blocks have also been used as a source.
163	B	HSW	8	6	SML		Ill def. Scree	Axe prod?	Separated from 162 by a band of scree.
164	B	HSW	7	6	M		C.scree/Veg.	Axe prod.	Localised concentration of flakes.
165	B	HSW	11	5	ML		C.scree/Veg.	Axe prod.	North edge obscured by vegetation.
166	B	HSE	29	4	L		C.scree/Veg.	Axe prod.	The extent of the debitage is not known.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition	Site Status	Descriptive Comment
						cf. Fiche 23	cf. Fiche 24	cf. Fiche 25	
167	B	HSE	12	1	M		C.scree	Axe prod.	The extent of the debitage is not known.
168	C	HP	c.23	4	SML		Veg/Path	Axe prod?	The site is partly exposed by a footpath.
169	C	HP	c.16	2	M		Veg/Path	Axe prod?	The site is severely damaged by footpath erosion.
170	C	HP	4	2	SM		Veg/Path	Axe prod?	It is near a path but is relatively undisturbed.
171	C	HP	15	2	ML		Veg/Path	Axe prod?	The site is heavily disturbed by footpath erosion.
172	C	HP	5	4	SML		Veg/Path	Axe prod.	The site was exposed by footpath erosion.
173	C	HP	c.4	3	ML		Ex.RU	Axe prod.	The debitage included numerous retouch flakes.
174	C	HP	c.45	6	SML		Ex.RU	Axe prod.	Debitage included retouch flakes, associated with charcoal.
175	B	HSE	c.30	3	ML	C.scree	Veg/Ill def	Axe prod.	
176	B	HSE	c.60	6/7	M	C.scree	Veg.	Axe prod.	A large area of debitage, partly obscured by turf to north.
177	B	HSE	1	2	ML		Veg/Ill def.	Axe prod?	It may be part of site 176.
178	B	HSE	27	1	M	Scree	Ill def.	Axe prod?	The run-off does not appear to continue into site 180.
179	B	HSE	1	1	SM		Ill def/Scree	Prod/run	There may be run-off from site 176.
180	B	HSE	c.50	7	SML	Scree		Axe prod.	The site does not appear to run off into site 181.
181	B	HSE	43	6	SM		Veg.	Axe prod?	The main working area is partly obscured by vegetation.
183	B	HSE	c.15	2	SM	Scree		Axe prod.	
184	B	HSE	c.820	3	ML	Scree/C.scree	Ill def.	—	A large area of natural scree, with isolated flakes and sporadic concentrations of flakes.
185	B	HSE	26	6	M	Scree	Well def.	Axe prod.	An independent working site within the area of 184.
186	B	HSE	22	3	SM	Tuffcrag	Veg.	Axe prod.	An isolated working site.
187	C	TC	18	7	SM	Low grad.	Veg/Path	Axe prod.	The site is exposed by footpath erosion.
188	C	TC	5	6	SM	Low grad.	Veg/Path	Axe prod.	The site is 8m across, but exposed by a path only 0.5m wide.
189	C	TC	22	3	SM	Low grad.	Veg/Path	Axe prod.	The flakes have a thick, chalky, white patina.
190	C	ST	c.30	2	ML		Veg/Path	Axe prod?	The central part of the site is obscured by vegetation.
191	C	ST	17	3	M		Ill def.	Axe prod?	The site is near a modern path.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition	Site Status	Descriptive Comment
						cf. Fiche 23	cf. Fiche 24	cf. Fiche 25	
192	C	ST	8	2	SM		Path/Peat	Single?	
193	D	ST	c.8	5	M		Water	Axe prod.	These sites are underwater at the edge of Stickle Tarn which has been artificially raised by a dam. Originally the sites would have been on land near the shore.
194	D	ST	c.16	4/5	M		Water	Axe prod.	
196	B	TB	c.8	?	ML	Tuffcrag	Veg.	Axe prod?	A group of three erosion patches which have exposed flakes.
197	C	SS	c.4	1	M		C.scree	Run off?	An ill defined, partly obscured concentration of flakes.
198	C	TC	c.2	1	ML	Stream		Run-off	These run-off flakes probably originate from a working site which is obscured by turf further upslope.
199	BD	TB	c.2	7	SML	Cave		Axe prod.	These sites are within caves, formed not of fine tuff, and they were probably used as shelter. The raw material may have been carried to the caves.
200	BD	TB	c.5	6	SML	Cave		Axe prod.	
201	B	TB	1	3	ML	Boulder	Veg.	Axe prod.	
202	B	TB	c.20	6	SML	Tuffcrag	Veg.	Prod/run	Part of the site may be run-off from site 87.
203	C	TB	?	?	SML		Veg.	Prod/run?	Recorded by M.Edmonds.
205	C	HP	7	2	ML		Veg/Path	Axe prod?	This became exposed by path erosion 1984/5.
206	C	HP	17	2	SM		Veg/Path	Axe prod?	This became exposed by path erosion 1985/6.
208	D	HC	c.11	1	SM		Peat/ill def.	Axe prod?	The extent of the site is not known.
209	D	HC	c.3	1	SM		Peat/ill def.	Axe prod?	The extent of the site is not known.
210	D	HC	0.5?	1?	S		Path	Axe prod?	The site was exposed by path erosion.
211	D	HC	1	?	?		Ex.RU	Axe prod?	This 1mx1m trial square revealed a low flake concentration.
212	B	DG	1	?	?		Ex.RU	Axe prod?	This 1mx1m trial square revealed a high flake concentration.
213	BD?	DG	1	?	?		Ex.RU	Axe prod?	This 1mx1m trial square revealed a low flake concentration.
214	D	HC	c.0.25	5	SML		Ex.RU/Peat	Axe prod.	A small, but very dense concentration of flakes.
400	B	GE	c.30	1	SM	S.grad. Scree	ill def.	Axe prod?	The flake conc. is very low and the site is questionable.
401	D	GE	12	4	ML	On scree	Well def.	Axe prod.	This isolated site uses the local Esk Pike Hornstone.
402	D	BT	0.45	2	S		Path	Axe prod.	The site is very severely damaged.
403	D	BT	c.4	4	SM		Path	Axe prod?	The site is very severely damaged.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition cf. Fiche 23	Site Status cf. Fiche 25	Descriptive Comment
404	D	BT	2	2	S		Path/Veg.	Axe prod?	Part of the site may be still obscured by vegetation.
405	B	SPI	1.7	3	ML	Scree/S.grad.		Axe prod.	The site is away from the main group.
406	B	SPI	81	5	SML	Scree/S.grad.	Well def.	Prod/run	A comparatively large axe production site.
407	B	SPI	20	2	SM	Scree Tuffcrag		Axe prod.	The debitage spills into site 406.
408	B	SPI	7	4	SM	Scree		Axe prod?	
409	B	SPI	c.3	2	M		C.scree	Axe prod?	
410	B	SPI	3	4	ML	Scree	Veg.	Merge 411	Overburden separates the two flake concentrations, 410 & 411 and they may be parts of a single working floor.
411	B	SPI	4	3	M	Scree	Veg.	Merge 410	
412	B	SPI	1.8	2	ML	S.grad.		Axe prod?	
413	B	SPI	3.2	2	ML	S.grad.	Boulder	Axe prod?	The boulder is fine tuff.
414	B	SPI	c.28	2	ML	Scree/S.grad.		Axe prod.	
415	B	SPI	11	4	SML	S.grad.	Ill def/Size>	Axe prod?	
416	B	SPI	4	3	SM		Ill def.	Axe prod.	
417	B	SPI	1.8	2	M	Blockfield	Ill def.	Axe prod?	It has been disturbed by the movement of a small boulder.
419	B	SPI	12	4	SML	S.grad.	Veg/Size>	Axe prod.	These are two possibly independent working floors.
420	B	SPI	c.3	5	SM	Terrace		Axe prod.	
422	B	SPI	c.105	3	ML	Scree	Veg/Ill def.	Axe prod.	This is mainly natural scree, with a low flake conc. mixed.
423	B	SPI	c.26	3	SML	Tuffcrag/Scree		Prod/run?	
424	B	SPI	4	5	SM	Tuffcrag		Axe prod.	This is located in a shallow erosion channel.
425	B	SPI	0.2	2	M		Veg.	Run-off	The debitage is possibly run-off from site 426.
426	B	SPI	c.25	3	ML	Scree		Axe prod.	These are two small, possibly independent, working floors with a larger area of run-off mixed with natural scree.
427	B	SPI	c.19	6	SML	S.grad.	Veg.	Axe prod.	This working site has a long, narrow area of run-off.
428	B	SPI	0.8	2	ML	Scree		Prod/run	
429	B	SPI	0.8	/	M	Tuffcrag/Scree		Run-off	This is run-off from site 427 on the crag above.

Site No.	Site Type	Group	Area	m <sup>2</sup>	Flake Concentration	Flake Size	Topography	cf. Fiche 23	Condition	cf. Fiche 24	Site Status	cf. Fiche 25	Descriptive Comment
430	B	SPI	0.2	3	M	C.scree			Veg.		Axe prod?		
431	B	SPI	4	2	ML	C.scree			C.scree		Axe prod?		
432	B	SPI	1.3	2	ML	C.scree			C.scree		Axe prod.		
433	B	SPI	0.3	4	SM	Blockfield			Veg.		Axe prod.		Sites 433 and 434 are adjacent and possibly represent the separate coarse and fine working of axe manufacture.
434	B	SPI	0.8	3	ML	Scree			Scree		Axe prod.		
435	B	SPI	0.3	4	ML	Scree					Axe prod.		
436	B	SPI	0.4	3	M	C.scree					Axe prod.		These are two small, apparently independent working floors.
437	B	SPI	0.3	4	ML	Scree					Axe prod?		
438	B	SPI	0.2	1	L	Scree					Axe prod?		
439	B	SPI	2	2	SML	C.scree			C.scree		Axe prod.		
440	B	SPI	2	3	M	Scree			Veg		Axe prod.		
441	B	SPI	0.8	1	SM	C.scree/Scree					Axe prod?		The site is questionable because of the low flake conc.
442	B	SPI	c.6	3	SM				Veg.		Axe prod?		This has been exposed by erosion of the turf cover.
443	B	SPI	3	3	SL	C.Scree			Veg/Well def.		Axe prod.		Most of the debitage is still <i>in situ</i> .
444	B	SPII	3.9	4	SML	Scree			C.scree/veg.		Axe prod.		
445	B	SPII	1.3	3	M	Scree			C.scree/veg.		Axe prod?		
446	B	SPII	0.2	1	M	Scree			Scree		Axe prod?		The site may be more extensive, beneath the scree deposits.
447	B	SPII	0.8	3	ML				Scree		Axe prod?		
448	B	SPII	2.5	1	ML	Scree			Veg.		Prod/run		
449	B	SPII	6	1	M	Scree			Veg.		Prod/run		
450	B	SPII	5.5	2	M	Scree					Prod/run		
451	B	SPII	2.5	3	SM	Scree					Prod/run		There was probably axe manufacture at this site.
452	B	SPII	3.5	2	ML	On scree			Veg.		Prod/run		
453	B	SPII	0.4	2	SML	Scree					Prod/run		Two small patches of flakes within a band of natural scree.
454	B	SPII	0.2	2	ML				Scree		Prod/run		

## Codes and abbreviations for the summary site catalogue

Group codes (in site number order)			Flake Concentration codes:	
Code	Plan No.	Name	Code	Flakes/Sqm
<b>Great Langdale</b>			1	0 - 30
			2	31 - 60
TRB	2	Troughton Beck	3	61 - 120
SBN	1	Stake Beck (North)	4	121 - 250
SBS	1,3	Stake Beck (South)	5	251 - 500
NS	4	North Scree	6	501 - 1000
CB	4	Central Buttress	7	1001 - 2000
CS	4,3	Central Scree	3	2001 - 4000
TB	4	Top Buttress	9	4001 - 8000
SS	4,3	South Scree	10	8001 -
MG	4	Middle Gully		
EG	4	East Gully		
LC	5,8	Loft Crag		
DG	5	Dungeon Ghyll		
HSW	5	Harrison Stickle (West)		
HSE	5	Harrison Stickle (East)		
HP	5	Harrison Path		
TC	8	Thorn Crag		
ST	6	Stickle Tarn		
HC	4,5	Harrison Combe		
<b>Great End</b>				
GE	9	Great End		
<b>Scafell Pike</b>				
BT	10	Brown Tongue		
SPI	11	Scafell Pike I		
SPII	11	Scafell Pike II		
SPIII	11	Scafell Pike III		
SPIV	11,12	Scafell Pike IV		
SPV	12	Scafell Pike V		
SPVI	12	Scafell Pike VI		
SPVII	12	Scafell Pike VII		
SPVIII	12	Scafell Pike VIII		
SPIX	12,13	Scafell Pike IX		
<b>Seathwaite Fell - Glaramara</b>				
GtS	14	Great Slack		
SC	15	Sprinkling Crag.		
RB	16	Red Beck		
HS	17	Hind Side		
GS	18	Glaramara (South)		
GN	19	Glaramara (North)		

### Topography abbreviations

Abbreviated descriptions of the local topography and the context within which the sites are located:

Abbreviation	Description
Blockfield	The site is located in between the boulders of a static blockfield.
Cave-A	The site is a natural cave, which appears to have been artificially enlarged.
Cave	The site is in an apparently natural cave.
C.scree	The site is on top of a coarse scree.
Drift	The site is on top of a hummock of drift.
Gully	The site is within a gully.
Hollow	The site is in a hollow/artificial depression.
L. grad.	The site is in an area of low gradient.
S. grad.	The site is in an area of steep gradient.
On scree	The flakes are on top of medium to fine natural scree.
Scree	The debitage is mixed with a fine natural scree.
Stream	There are some flakes in the bottom of a beck which are probably not <u>in situ</u> .
Section	Flakes exposed in the section of a stream bank.
Terrace	The site is located on a natural terrace.
Tuffcrag	Outcropping fine grained tuff at top of site.



### Condition abbreviations

Abbreviated descriptions of the condition of the sites and of the factors which have affected the sites subsequent to their formation.

Abbreviation	Description
Boulder	There are large boulders on the site, which have come to rest since the neolithic period. They partly protect the site from further erosion.
C.scree	There is a partial overburden of coarse scree which reduces the definition of the site.
Ex.	The site has been disturbed by an illicit excavation.
Ex.CF	Excavated by Clare Fell in 1949.
Ex.TC	Excavated by Tim Mck.Clough in 1969 & 1970.
Ex. RU	The site has been excavated by the Reading University team, 1986-7.
Ill def.	The site is ill defined.
Obsc.	The working area of this site is partly obscured by the spread of debitage down from the site above.
Path	The site is disturbed by a path and is ill defined.
Peat	The site is partly obscured by peat overburden.
Scree	The site has a partial overburden of fine to medium scree material.
Size>	Flakes increase in size towards the bottom of the site, the result of extensive erosion.
Veg.	The site is partly obscured by vegetation, hence some or all of the limits of the site are unknown.
Water	The site is submerged beneath standing water.
Well def.	The site has well defined edges, which are not obscured by any overburden.

### Site status abbreviations

The site status indicates the degree to which a deposit is considered to result from axe production at the site, or comprises / includes run-off debitage from higher production sites, or is merged with adjacent sites.

Abbreviation	Description
Axe prod.	This deposit represents axe production at the site and there is no run-off from higher sites.
Axe prod?	Part of the deposit is obscured by surrounding overburden; the visible part appears to represent axe production at or near the site.
Back.conc.	The site is in an area of extensive axe working, and though this is probably a centre of axe production, it is merged with other adjacent sites by a general background flake concentration.
Merge (n)	This site is separated from the adjacent site (n), by overburden and the deposits possibly merge.
Prod/run	The deposit probably represents axe production at the site, but includes an additional run-off component from above.
Run off	The deposit is formed of run-off from above, and there is no evidence to support axe manufacture at the site.
Run off?	The deposit appears to be formed of run-off from above, but as the surrounding area is obscured by overburden this may be in doubt.
Single?	This site is independent of other sites, it has a small quantity of debitage and possibly represents the manufacture of a single axe.

Site No.	Site Type	Group	Area	m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition	Site Status	Descriptive Comment
							cf. Fiche 38	cf. Fiche 39	cf. Fiche 40	
455	B	SPII	0.3	3	SM	Scree			Run-off	This is probably run-off from site 453.
456	B	SPII	0.2	3	M			Scree	Axe prod?	
457	B	SPII	0.8	2	ML	C.scree		Veg/Ill def.	Axe prod.	
458	B	SPII	6	2	M	C.scree			Axe prod?	The site is on a small ledge above a crag.
459	B	SPII	6	5	SM			Veg.	Axe prod?	Two, possibly independent, working floors which have merged.
460	B	SPI	2	2	M	C.scree			Axe prod.	A small flake site, resultant from working a single axe ?
461	B	SPIV	0.2	?	S			Boulder	Axe prod.	Small deposit of tiny flakes. Finishing site ?
462	B	SPII	5	2	SM	Tuffcrag/Scree			Axe prod.	Site is on a small ledge, below a crag face.
463	B	SPII	7	3	M	Scree			Axe prod.	
464	B	SPII	2	1	SM	Scree			Run-off?	Loose scatter of flakes in a shallow gully.
465	B	SPII	6.5	2	M	Scree/Tuffcrag			Axe prod.	Small flake deposit adjacent to a crag face.
466	B	SPII	2.5	2	M	Scree Blockfield			Axe prod.	
467	B	SPII	2.2	2	SM	Blockfield			Axe prod.	It is located on a small edge.
468	B	SPII	4	4	SM	Scree		Size>	Axe prod.	
469	B	SPIII	25	4	SM	Terrace		Veg.	Axe prod.	Small flakes are concentrated to west - trimming area?
470	B	SPIII	0.8	2	M	Blockfield			Single?	Small site.
471	B	SPIII	0.8	2	M	Blockfield			Single?	Small site.
472	B	SPIII	0.8	3	SM	Blockfield		Veg.	Axe prod.	
473	B	SPIII	1.7	2	ML	Scree			Axe prod.	
474	B	SPIII	0.8	2	M	Blockfield		Boulder	Single?	Small site.
475	B	SPIII	0.5	3	SM	Blockfield			Axe prod.	
476	B	SPIV	0.2	3	ML	Blockfield			Single?	Small site.
477	B	SPIV	1.5	4	SM	On.scree		Veg.	Axe prod.	The site appears to be undisturbed.
478	B	SPIV	0.5	3	M	On.scree			Axe prod.	The site is adjacent to a fine tuff outcrop.
479	B	SPIV	0.8	3	SM	On.scree			Axe prod.	The site is adjacent to a fine tuff outcrop.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography cf. Fiche 38	Condition cf. Fiche 39	Site Status cf. Fiche 40	Descriptive Comment
480	B	SPIV	5	3	M	Scree		Axe prod.	
481	B	SPIV	4	1	S	Scree	Veg.	Axe prod?	The upper part of site is possibly obscured by vegetation.
482	B	SPIV	0.2	2	S	Scree		Axe prod?	
483	B	SPIV	0.2	3	M	Scree	Veg.	Axe prod.	
484	B	SPIV	0.2	3	S	On scree		Axe prod.	The site is adjacent to a fine tuff block.
485	B	SPIV	2.5	4	SM		Scree	Axe prod.	The site is adjacent to a fine tuff block.
486	B	SPIV	4	2	M	Scree	Boulder	Axe prod?	
487	B	SPIV	0.8	1	SM	Scree		Axe prod?	The site is surrounded by coarse scree & large blocks.
488	B	SPIV	2.5	2	ML	Scree		Axe prod?	
489	B	SPIV	1.2	2	M			Axe prod.	There is a fine tuff outcrop 5m away.
490	B	SPIV	1.7	2	M	Scree		Axe prod.	The site spills over a small crag edge.
491	B	SPIV	2.5	3	SM	Scree		Axe prod.	The flakes are in a strip of fine scree, which is surrounded by coarse scree.
492	B	SPIV	2.4	4	SM	Scree		Axe prod.	The site is adjacent to a fine tuff block.
493	B	SPIV	0.5	4	M			Prod/run	Possible run-off from site 494. It is on top of small crag.
494	B	SPIV	11	3	SM		Scree	Axe prod.	
495	B	SPIV	c.2	2	SM		Scree/Size>	Axe prod.	
496	B	SPIV	c.20	2	M		Path	Axe prod.	
497	B	SPIV	1.7	2	M	Scree	Scree	Axe prod.	
498	B	SPIV	0.2	2	M	Scree		Single?	
499	B	SPIV	0.8	3	SM	Scree		Axe prod.	The medium flakes are more weathered than the small flakes.
500	B	SPIV	2.5	4	ML	Scree		Axe prod.	
501	B	SPIV	1.7	3	M	Scree		Axe prod.	
502	B	SPIV	0.2	2	SM		Scree	Axe prod.	The site is obscured and disturbed by scree movement.
503	B	SPIV	0.2	3	SM	Scree		Axe prod.	The small flakes are stratigraphically below medium flakes.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography cf. Fiche 38	Condition cf. Fiche 39	Site Status cf. Fiche 40	Descriptive Comment
504	B	SPIV	1.1	2	SM	Scree	Boulder	Axe prod.	There are abundant blocks of fine tuff in the vicinity.
505	B	SPIV	0.8	3	SM	Scree	Boulder	Axe prod?	There are many fine tuff blocks in the vicinity.
506	B	SPIV	3	3	ML	Scree		Single?	
507	B	SPIV	1	2	ML	Scree		Run-off?	This probably includes run-off from 508.
508	B	SPIV	4.5	6	SM	Terrace	Scree	Axe prod.	
509	B	SPIV	1.2	4	M	Scree		Axe prod.	The site is adjacent to fine tuff blocks.
510	B	SPIV	0.8	2	SM	Scree		Axe prod.	
511	B	SPIV	0.5	3	SM		Scree/veg. Boulder	Axe prod.	The site is partly protected by two fine tuff blocks.
512	B	SPIV	0.2	4	M	Hollow	Veg.	Axe prod.	
513	B	SPIV	0.8	2	M	On scree		Single?	
514	B	SPIV	7	3	M	Hollow/scree		Axe prod.	
515	B	SPIV	1.7	4	SM	Hollow/scree		Axe prod.	
516	B	SPIV	0.8	4	SM	Hollow/scree		Axe prod.	The smaller flakes concentrate around the edge of the site.
517	B	SPIV	0.2	2	M		Scree	Single?	
518	B	SPIV	1.6	5	SM	Hollow	Boulder	Axe prod.	Boulders at edge have limited spread of scree into hollow.
519	B	SPIV	0.4	1	SM	Hollow/scree		Single?	
520	B	SPIV	1.1	4	M	Blockfield	Scree/Boulder	Back.conc.	The site is near the limit of the background concentration.
521	B	SPIV	0.8	5	M	Blockfield	Scree/boulder	Back.conc.	
522	B	SPIV	4	5	SML	Blockfield	Boulder	Back.conc. Prod/run	There is some run-off from 532a/523. The smaller flakes are concentrated to the north, beneath two boulders.
523	B	SPIV	3	6	SM	Blockfield	Scree/Boulder	Back.conc. Prod/run	There is a high conc. of mainly small flakes beneath a large boulder. There is a small run-off from site 532a.
524	B	SPIV	0.8	4	L	Hollow Blockfield	Boulder	Back.conc.	
525	B	SPIV	1.5	4	M	Hollow		Back.conc.	Flakes are at extreme north-west edge of hollow.
526	B	SPIV	3.8	3	SM	Blockfield	Scree/Boulder	Back.conc.	Flakes are concentrated on the south-west side.
527	B	SPIV	1.7	4	SML	Hollow	Scree	Back.conc.	Many fine-tuff blocks are mixed within the scree.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition	Site Status	Descriptive Comment	
							cf. Fiche 38	cf. Fiche 39	cf. Fiche 40	
528	B	SPIV	3	3	ML	Scree/On scree			Back.conc.	Many worked blocks of fine tuff in the adjacent area.
529	B	SPIV	c.8	7	SML	Hollow	Scree		Back.conc.	Hollow has an artificial appearance. There is a build up of scree around the edges.
531	B	SPIV	0.2	5	S	Blockfield	Scree		Back.conc.	An irregular area of flakes which partly runs off into 532b.
532a	B	SPIV	15	6	ML	Blockfield	Scree		Back.conc.	At N/E side of site there is a 1.2m high, upcast scree bank.
532b	B	SPIV	7	4	ML	Hollow	Scree		Back.conc.	The flakes run-off into 532a.
533	B	SPIV	4.9	5	SML	Hollow	Boulder		Back.conc.	The spread of natural scree onto the site has been limited by boulders/banks of upcast scree at the edges.
534	B	SPIV	0.2	4	M	Hollow/Scree			Back.conc.	It is limited on the south side by a bank of upcast scree.
536	B	SPIV	1.1	3	ML	Hollow	Boulder		Back.conc. Prod/run	It is protected on the north-east side by a boulder. It includes run-off from site 537.
537	BA?	SPIV	7.1	4	ML	Hollow Blockfield	Scree		Back.conc.	At the N/E edge a 1m deep 'tunnel' has been excavated underneath a large rock, and there are conchoidal fractures on part of the fine tuff outcrop.
538	B	SPIV	0.8	3	SM	Blockfield	Scree		Back.conc.	It is separated from 537 by a fine tuff block.
539	B	SPIV	1.2	5	ML	Blockfield	Scree		Back.conc.	Natural scree has encroached onto the site.
540	B	SPIV	c.16	7	SML	Hollow			Back.conc.	The site is surrounded by a bank of large stones and scree.
542	B	SPIV	c.4	1	M	Blockfield	Ill def.		Back.conc.	Flake concentration is only a little more than background.
543	B	SPIV	3.1	4	SML	Scree	Scree		Back.conc.	The site appears to be edged by large stones.
544	B	SPIV	0.2	5	M	Hollow			Axe prod.	The flakes overlie naturally weathered rock.
545	B	SPIV	0.8	2	S		Scree/veg.		Axe prod.	The site is ill defined because of overburden.
546	B	SPV	0.8	1	S	Blockfield			Single?	
547	B	SPV	0.2	2	M	Blockfield			Single?	
548	B	SPV	0.1	4	M	On scree			Single?	
549	B	SPV	0.2	1	SM				Axe prod.	
550	B	SPV	c.90	5	SM		Path		Axe prod.	The flakes have been spread downslope by pedestrian traffic.
551	B	SPV	0.8	3	SML		Path		Axe prod.	

## Codes and abbreviations for the summary site catalogue

Group codes  
(in site number order)

Flake  
Concentration codes:

Code	Plan No.	Name	Code	Flakes/Sqm
<b>Great Langdale</b>			1	0 - 30
			2	31 - 60
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SBN	1	Stake Beck (North)	4	121 - 250
SBS	1,3	Stake Beck (South)	5	251 - 500
NS	4	North Scree	6	501 - 1000
CB	4	Central Buttress	7	1001 - 2000
CS	4,3	Central Scree	8	2001 - 4000
TB	4	Top Buttress	9	4001 - 8000
SS	4,3	South Scree	10	8001 -
MG	4	Middle Gully		
EG	4	East Gully		
LC	5,8	Loft Crag		
DG	5	Dungeon Ghyll		
HSW	5	Harrison Stickle (West)		
HSE	5	Harrison Stickle (East)		
HP	5	Harrison Path		
TC	8	Thorn Crag		
ST	6	Stickle Tarn		
HC	4,5	Harrison Combe		

**Great End**

GE	9	Great End
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**Scafell Pike**

BT	10	Brown Tongue
SPI	11	Scafell Pike I
SPII	11	Scafell Pike II
SPIII	11	Scafell Pike III
SPIV	11,12	Scafell Pike IV
SPV	12	Scafell Pike V
SPVI	12	Scafell Pike VI
SPVII	12	Scafell Pike VII
SPVIII	12	Scafell Pike VIII
SPIX	12,13	Scafell Pike IX

**Seathwaite Fell - Glaramara**

GtS	14	Great Slack
SC	15	Sprinkling Crags
RB	16	Red Beck
HS	17	Hind Side
GS	18	Glaramara (South)
GN	19	Glaramara (North)

### Topography abbreviations

Abbreviated descriptions of the local topography and the context within which the sites are located:

Abbreviation	Description
Blockfield	The site is located in between the boulders of a static blockfield.
Cave-A	The site is a natural cave, which appears to have been artificially enlarged.
Cave	The site is in an apparently natural cave.
C.scree	The site is on top of a coarse scree.
Drift	The site is on top of a hummock of drift.
Gully	The site is within a gully.
Hollow	The site is in a hollow/artificial depression.
L. grad.	The site is in an area of low gradient.
S. grad.	The site is in an area of steep gradient.
On scree	The flakes are on top of medium to fine natural scree.
Scree	The debitage is mixed with a fine natural scree.
Stream	There are some flakes in the bottom of a beck which are probably not <u>in situ</u> .
Section	Flakes exposed in the section of a stream bank.
Terrace	The site is located on a natural terrace.
Tuffcrag	Outcropping fine grained tuff at top of site.



## Condition abbreviations

Abbreviated descriptions of the condition of the sites and of the factors which have affected the sites subsequent to their formation.

Abbreviation	Description
Boulder	There are large boulders on the site, which have come to rest since the neolithic period. They partly protect the site from further erosion.
C.scree	There is a partial overburden of coarse scree which reduces the definition of the site.
Ex.	The site has been disturbed by an illicit excavation.
Ex.CF	Excavated by Clare Fell in 1949.
Ex.TC	Excavated by Tim Mck.Clough in 1969 & 1970.
Ex. RU	The site has been excavated by the Reading University team, 1986-7.
Ill def.	The site is ill defined.
Obsc.	The working area of this site is partly obscured by the spread of debitage down from the site above.
Path	The site is disturbed by a path and is ill defined.
Peat	The site is partly obscured by peat overburden.
Scree	The site has a partial overburden of fine to medium scree material.
Size>	Flakes increase in size towards the bottom of the site, the result of extensive erosion.
Veg.	The site is partly obscured by vegetation, hence some or all of the limits of the site are unknown.
Water	The site is submerged beneath standing water.
Well def.	The site has well defined edges, which are not obscured by any overburden.

### Site status abbreviations

The site status indicates the degree to which a deposit is considered to result from axe production at the site, or comprises / includes run-off debitage from higher production sites, or is merged with adjacent sites.

Abbreviation	Description
Axe prod.	This deposit represents axe production at the site and there is no run-off from higher sites.
Axe prod?	Part of the deposit is obscured by surrounding overburden; the visible part appears to represent axe production at or near the site.
Back.conc.	The site is in an area of extensive axe working, and though this is probably a centre of axe production, it is merged with other adjacent sites by a general background flake concentration.
Merge (n)	This site is separated from the adjacent site (n), by overburden and the deposits possibly merge.
Prod/run	The deposit probably represents axe production at the site, but includes an additional run-off component from above.
Run off	The deposit is formed of run-off from above, and there is no evidence to support axe manufacture at the site.
Run off?	The deposit appears to be formed of run-off from above, but as the surrounding area is obscured by overburden this may be in doubt.
Single?	This site is independent of other sites, it has a small quantity of debitage and possibly represents the manufacture of a single axe.

Site No.	Site Type	Group	Area	m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition	Site Status	Descriptive Comment
							cf. Fiche 46	cf. Fiche 47	cf. Fiche 48	
552	B	SPV	0.2	2	SM			Scree	Single?	
553	B	SPV	0.3	6	SML	Blockfield Tuffcrag			Axe prod.	The small flakes are concentrated at the north-east end of the site. There is a large flat boulder at the base of site.
554	B	SPV	0.8	6	SML			Scree/Veg.	Axe prod.	
555	B	SPV	11	1	M	Scree		Veg.	Axe prod.	
556	B	SPV	0.1	2	L	Scree			Single?	
557	B	SPV	0.2	5	SM			Scree	Axe prod.	
558	B	SPV	0.2	2	M			Scree	Axe prod.	
559	B	SPV	0.2	4	ML				Axe prod.	The flakes are concentrated within a small area.
560	B	SPV	0.2	1	ML	Scree			Axe prod.	
561	B	SPV	0.2	1	ML	Scree			Axe prod?	
562	B	SPV	0.2	4	ML			Scree	Axe prod.	
563	B	SPV	0.2	3	ML	Terrace		Scree	Axe prod.	It's on a small natural terrace at the base of a steep scree.
564	B	SPV	0.2	4	M			Veg.	Axe prod.	
565	B	SPV	57	4	SM	Scree		Path/Veg. Ill def.	Axe prod.	There are three small areas, within the site which have higher flake concentrations.
566	B	SPV	0.2	3	M				Axe prod.	
567	B	SPV	16	1	SM			Veg.	Axe prod?	
568	B	SPV	0.1	2	M	Scree			Axe prod.	
569	B	SPV	0.2	6	M	Scree			Axe prod.	
570	B	SPV	0.2	6	ML	Scree			Axe prod.	
571	B	SPV	0.2	1	M	Terrace		Veg.	Axe prod.	
572	B	SPV	0.2	7	ML	L.grad.		Veg.	Axe prod.	There are large blocks of fine tuff in its vicinity.
573	B	SPV	0.2	1	M				Axe prod.	
574	B	SPV	0.2	4	L	On scree/L.grad			Axe prod.	
575	B	SPV	0.2	2	M				Axe prod.	It is on top of a small outcrop.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition	Site Status	Descriptive Comment
						cf Fiche 46	cf. Fiche 47	cf Fiche 48	
576	B	SPV	0.4	6	ML			Axe prod.	It is on top of a small outcrop.
577	B	SPV	1.1	7	ML	L.grad.		Axe prod.	
578	B	SPV	0.2	3	M	L.grad.	Scree	Axe prod?	
579	B	SPV	0.2	2	SM	L.grad.	Scree	Axe prod?	
580	B	SPV	0.1	4	SM	L.grad.		Axe prod.	The flake scatter is compact.
581	B	SPV	0.2	14	SM		Veg.	Axe prod.	The flake scatter is compact.
582	B	SPV	1.1	5	ML	Hollow/Scree		Axe prod.	
583	B	SPV	0.2	8	SL		Veg.	Axe prod.	The flakes are predominantly small.
584	B	SPV	0.2	3	M			Axe prod.	
585	B	SPV	0.1	1	M			Axe prod.	There are blocks of fine tuff adjacent.
586	B	SPV	0.1	1	L	Hollow	Scree	Axe prod.	
587	B	SPV	1.1	3	ML		Scree	Axe prod.	There is a limited spread of flakes downslope.
588	B	SPV	0.2	3	M	On scree		Single?	
589	B	SPV	0.2	4	ML	On scree		Axe prod.	This may be coarse roughing debitage, from the manufacture of a small number of rough outs.
590	B	SPV	0.1	3	ML	On scree	Veg.	Single?	
591	B	SPV	0.2	3	SM	Hollow		Axe prod.	
592	B	SPVI	0.8	3	M	Scree		Axe prod.	This is just below the terrace area.
593	B	SPVI	1275	-	-	Terrace	-	-	This is the area of background concentration.
594	B	SPVI	0.1	5	SM	On scree		Back.conc.	A small but concentrated flake site.
595	B	SPVI	4	3	M	Hollow/scree		Back.conc.	There is no obvious sign of upcast around the hollow.
596	B	SPVI	0.8	4	S	Terrace	Veg.	Back.conc.	Site revealed by two small exposures through turf cover.
597	B	SPVI	0.8	5	SM	On scree Terrace	Veg.	Back.conc.	It is separated from site 598 by veg. cover. The small flakes may represent trimming activity.
598	B	SPVI	8	7	SML	Hollow		Back.conc.	Within the site there are compact concs. of small flakes.
599	B	SPVI	4	4	ML	Hollow/scree		Back.conc.	

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition cf Fiche 46	Site Status cf Fiche 48	Descriptive Comment
600	B	SPVI	0.8	4	SM	Hollow/scree		Back.conc.	
601	B	SPVI	0.1	4	M	Hollow/scree		Back.conc.	This is a small but concentrated flake scatter.
602	B	SPVI	4.2	5	ML	Scree/Terrace	Ill def.	Back.conc.	
603	B	SPVI	0.4	1	M	Hollow	" Ex.?	Back.conc.	The flake conc. is similar to the background. The hollow appears to be artificial and is possibly recent.
604	B	SPVI	8	5	ML	Hollow/scree	Ex.?	Back.conc.	There is evidence of recent disturbance.
605	B	SPVI	4	3	SM	Scree/Terrace		Back.conc.	
606	B	SPVI	4	1	SM	Hollow/	"	Back.conc.	
607	B	SPVI	0.8	2	ML	Hollow/	"	Back.conc.	There are no clear signs of recent disturbance.
608	B	SPVI	1.2	3	L	Hollow/	"	Back.conc.	The flakes are weathered.
609	B	SPVI	1.2	4	M	Hollow/	"	Back.conc.	Flakes are concentrated on the west edge of hollow.
610	B	SPVI	3	-	-	Hollow/	" Ex.?	-	No flakes, possibly resultant from recent disturbance.
611	B	SPVI	0.2	4	L	Hollow/	" Scree	Back.conc.	
612	B	SPVI	0.2	4	M	Hollow/	" Ex.?	Back.conc.	There is evidence of upcast around the depression.
613	B	SPVI	7	-	-	Hollow Terrace		Back.conc.	There are no flakes within, but there is some upcast around the hollow.
614	B	SPVI	3	4	SM	Scree/Terrace	Boulder	Back.conc.	The site is edged by a boulder blockfield to north-east.
615	B	SPVI	0.8	1	ML	Hollow/	"	Back.conc.	All the surface material is weathered.
616	B	SPVI	3	6	SM	Hollow Terrace	Ex.?	Back.conc.	There is evidence of disturbance. There is a small concentration of small flakes in the centre.
617	B	SPVI	7	7	SML	Hollow Blockfield	Ex.	Back.conc.	There is upcast around the hollow, and it appears to have been disturbed recently.
618	B	SPVI	3	3	SM	Hollow/scree		Back.conc.	
619	B	SPVI	12	5	SML	Hollow		Back.conc.	The flakes are generally weathered.
620	B	SPVI	c.15	6	ML	Hollow	Ex.	Back.conc.	This was excavated by Fletcher in 1961.
621	B	SPVI	0.2	3	M	Scree	Veg.	Back.conc.	
622	B	SPVI	5	-	-	Hollow			The hollow appears artificial but contains no flakes.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography cf. Fiche 46	Condition cf. Fiche 47	Site Status cf. Fiche 48	Descriptive Comment
623	B	SPVII	0.8	2	SM	Blockfield		Axe prod.	
624	B	SPVII	0.5	6	SM	Blockfield Hollow		Axe prod.	The flakes are mixed with unworked fine tuff blocks.
625	B	SPVII	0.1	5	M	Blockfield		Axe prod.	
626	B	SPVII	3	8	SM	C.scree	Well def.	Axe prod.	A thick deposit of flakes on top of med. to coarse scree.
627	B	SPVII	1.2	6	L	Hollow	C.scree	Axe prod.	Many of the flakes appear to lie under the coarse scree.
628	B	SPVII	1.1	6	SM	Hollow	C.scree	Axe prod.	Some of the flakes appear to be under the coarse scree.
629	B	SPVII	0.9	6	SM	Hollow Blockfield	C.scree	Merged ?	There are two small clusters of worked material and some possibly under the coarse scree between here and site 637.
630	B	SPVII	1.2	7	SM	Hollow Blockfield		Axe prod.	The flakes are generally fresh and unweathered.
631	B	SPVII	0.1	3	SM	On scree	Well def.	Axe prod.	A small, well defined concentration of flakes.
632	B	SPVII	0.1	2	SM	Scree	Veg.	Axe prod.	
633	B	SPVII	0.3	6	S	Blockfield		Axe prod.	It is possibly a finishing site.
634	B	SPVII	3	6	ML	Blockfield Hollow	C.scree	Axe prod.	The large flakes here contrast with those at sites 633 & 635 and this is possibly a coarse roughing site.
635	B	SPVII	0.5	7	SM	Blockfield		Axe prod.	The flakes are mainly small and it may be a finishing site.
636	B	SPVII	0.9	6	SML	Blockfield	Well def.	Axe prod.	The site is located in between large boulders.
637	B	SPVII	2	6	SM	Hollow	Boulder	Axe prod.	There is a limited amount of disturbance to the site.
638	B	SPVII	0.8	6	SM	Hollow Blockfield	C.scree	Axe prod.	There appears to be some flakes beneath the coarse scree.
639	B	SPVII	0.2	5	M	Blockfield	C.scree	Axe prod.	There are possibly flakes beneath surrounding coarse scree.
640	B	SPVII	0.1	7	ML	Blockfield Hollow	Well def.	Axe prod.	
641	B	SPVII	0.8	7	SML	Blockfield Hollow	Boulder	Axe prod.	A small number of boulders have fallen onto the site.
642	B	SPVII	c.9	7	SML	On scree Blockfield	Boulder	Axe prod.	There is a concentration of small flakes to south, and concentrations of mainly large flakes to NW & NE of site.
643	B	SPVII	0.8	6	SML	Hollow	Boulder	Axe prod.	

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition cf Fiche 47	Site Status cf Fiche 48	Descriptive Comment
644	B	SPVII	3.5	5	SL	Blockfield		Axe prod.	
645	B	SPVII	6.5	7	SML	Hollow Blockfield		Axe prod.	There is a concentration of very small flakes to the east and a concentration of medium & large flakes to the west.
646	B	SPVII	0.9	4	L	Blockfield		Axe prod.	
647	E	SPVII	1.1	6	SM	Hollow Blockfield	Scree	Axe prod.	It is a thin flake deposit; the smaller flakes are concentrated in the northern part of the site. There is some upcast on the SE side.
648	B	SPVII	0.8	5	SM	Scree	Veg.	Axe prod.	
649	B	SPVII	0.9	7	SM	On scree		Axe prod.	The site is surrounded by a slight bank of scree material.
650	B	SPVII	4.5	6	SM	On scree	Veg.	Axe prod.	
651	B	SPVII	0.5	6	ML	Blockfield		Axe prod.	
653	B	SPVIII	3.5	2	SM	Gully/Scree	Veg.	Axe prod.	Towards the bottom of the site the run-off and that from site 654 merge together and into the natural scree.
654	B	SPVIII	c.7	3	SM	Tuffcrag		Axe prod.	
655	B	SPVIII	0.8	3	M		Scree	Axe prod.	
656	B	SPVIII	2.2	4	SML	Scree		Axe prod.	There are some fine tuff boulders at the top of the site.
657	B	SPVIII	5	3	SML	Scree	Size>	Axe prod.	
658	B	SPVIII	0.1	2	SM	Scree		Single?	
660	B	SPVIII	21	3	SM	Scree	I'll def.	Axe prod.	
661	B	SPVIII	1.2	2	M		Scree/veg.	Axe prod.	The site starts immediately below a fine tuff boulder.
662	B	SPVIII	0.8	3	ML	Tuff crag		Axe prod.	The site is about 5m away from the main fine tuff buttress.
663	B	SPVIII	0.1	2	M		Scree	Axe prod.	
664	B	SPVIII	11	5	SM			Merge 665	Site 664 adjoins site 665 but appears to be a distinct axe production area, as the respective flake concentrations and
665	B	SPVIII	10	4	M	Scree		Merge 664	flake sizes are very different.
666	B	SPVIII	8	1	M	Scree	path	Axe prod.	
667	B	SPVIII	6	5	M			Merge? 669	This site and 669 are adjacent and they may be connected.
668	B	SPVIII	2	5	SM	Gully/Scree		Prod/run	Flakes are smaller and more concentrated at bottom of site.
669	B	SPVIII	c.7	4	M			Merge 667	Sites 669 & 667 may be run-off from a single working floor.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography cf Fiche 46	Condition cf Fiche 47	Site Status cf Fiche 48	Descriptive Comment
670a	B	SPVIII	4.5	6	SML	S.grad/scree		Axe prod.	Site (b) is a high concentration of mainly small flakes and is distinct from the run-off of site (a) above. The small flakes at site (b) may be resultant from axe trimming.
670b	B	SPVIII	3.5	6	S	S.grad/scree		Prod/run	
672	B	SPVIII	2.5	3	SM	Scree	Ill def.	Axe prod.	
673	B	SPVIII	2.5	3	SM		Scree/boulder	Axe prod.	
674	B	SPVIII	0.2	2	L	On scree	Well def.	Single?	
675	B	SPVIII	1.5	4	M	Scree		Axe prod.	
676	B	SPVIII	0.1	4	M	On scree	Well def.	Axe prod.	
677	B	SPVIII	2	4	SM		Boulder	Axe prod.	
678	B	SPVIII	3.8	4	SM	Hollow	Scree/Boulder	Axe prod.	
679	B	SPVIII	1.6	3	SM			Axe prod.	Small and medium flakes predominate at the east side of the site, while only medium flakes are found at the west side.
680a	B	SPVIII	c.4	5	ML			Prod/run	The two sites are immediately adjacent, but may be distinct working areas. There is some run-off from site b in site a.
680b	B	SPVIII	c.7	5	ML	Scree		Axe prod.	
682	B	SPVIII	2.4	7	SML		Boulder	Axe prod.	There are some boulders around the edge of the site which may have been placed deliberately.
683	B	SPVIII	1.7	5	M	Hollow	Boulder	Prod/run	Some flakes may be run-off from site 684.
684	B	SPVIII	3.9	3	M	Scree		Axe prod.	
685	B	SPVIII	0.2	4	M	On scree	boulder	Axe prod.	
686	B	SPVIII	0.1	2	SM	Scree/S.grad		Axe prod.	
687	B	SPIX	c.2	3	SM	Scree		Axe prod.	
688	B	SPIX	0.1	2	M	On scree	Veg.	Single?	
689	B	SPIX	0.8	2	SM	Scree		Axe prod.	
690	B	SPIX	2	2	SM		Path/Veg.	Merge 691	The area in between sites 690, 691 & 692 has sporadic flakes and there is a possibility that all three are part of a single site which has been disturbed by the modern footpath.
691	B	SPIX	4	3	SM	Hollow	Veg.	Merge 690	
692	B	SPIX	1.1	2	M			Merge 691	
693	B	SPIX	1.1	2	M	Blockfield		Axe prod.	



Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography cf Fiche 46	Condition cf Fiche 47	Site Status cf Fiche 48	Descriptive Comment
694	B	SPIX	1.2	2	SM	Tufferag/scree		Axe prod.	
695	B	SPIX	1.7	3	M	Tufferag	Scree	Axe prod.	
696	B	SPIX	c.70	3	SM		Path	Axe prod.	There is a small area of concentrated flakes surrounded by a large area of occasional flakes (disturbed by the path).
697	B	SPIX	3	2	ML	On scree		Single?	
698	B	SPIX	2.4	2	SM	Scree	Veg.	Axe prod.	
699	B	SPIX	1.1	6	SML		Size>	Axe prod.	
700	B	SPIX	6.2	3	M		Boulder	Axe prod.	
701	B	SPIX	0.8	3	SM	Scree	Boulder	Axe prod.	
702	B	SPIX	0.4	4	ML	Scree		Axe prod.	
703	B	SPIX	1.2	2	SM			Axe prod.	The site is on top of a large fine tuff block/boulder.
704	B	SPIX	0.8	3	ML	On scree		Prod/run	There may be an additional run-off component from site 703.
705	B	SPIX	3	3	SM	Scree	Boulder	Axe prod.	
706	B	SPIX	3	3	ML	On scree		Axe prod.	
707	B	SPIX	0.8	3	M	Scree		Axe prod.	
708	B	SPIX	7	2	SM		Path	Axe prod.	
709	B	SPIX	115	-	SML			Back.conc.	This is an area of background concentration in which there are higher concentrations at a, b, c, d & 710.
709a	B	SPIX	1	5	ML	Hollow	Scree	Back.conc.	
709b	B	SPIX	1.1	7	SM	On scree/Hollow		Back.conc.	
709c	B	SPIX	0.2	5	SM	Hollow		Back.conc.	
709d	B	SPIX	2.2	5	SML	Hollow		Back.conc.	
710	B	SPIX	c.20	7	SML			Back.conc.	A large downhill run-off of flakes starting within site 709.
711a	B	SPIX	c.5	8	SML	Hollow/scree		Axe prod.	The flakes/scree run-off into site 711b.
711b	B	SPIX	c.17	6	ML	Scree		Prod/run	The flake concentration is fairly uniform throughout.
712	B	SPIX	2.5	2	SM			Run-off	Flakes are on grass, so it is probably run-off from 709.

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography cf Fiche 46	Condition cf Fiche 47	Site Status cf Fiche 48	Descriptive Comment
713	B	SPIX	2.5	4	ML	Blockfield		Axe prod.	The site is isolated and there are only occasional fine tuff blocks in its proximity.
714	B	SPIX	95	2	SM		Path	Axe prod?	The site is very heavily damaged.
715	B	SPIX	86	8	SM	Tuffcrag	Path	Axe prod.	Working area is in good condition with a high flake conc. but the run-off is heavily disturbed by the path and has only occasional flakes.
716	B	SPIX	48	2	M	Scree	Path	Axe prod.	There is a gap between the bottom of 715 and this site.
721	B	GtS	3	2	M		Ill def/Veg.	Axe prod.	Many of the 'flakes' are possibly natural in origin.
722	B	GtS	0.1	4	M		Boulder	Axe prod.	There is a slight run-off from this site.
723	B	GtS	0.8	3	SM	Tuffcrag	Veg.	Axe prod.	
724	B	GtS	1.2	3	SM	Scree	Veg.	Axe prod.	
725	B	GtS	7	4	SM	Tuffcrag	Veg.	Axe prod.	There are flakes above the tuff outcrop which may indicate the location of the working floor.
726	B	GtS	1.2	4	SM	Scree	Veg.	Axe prod.	
727	B	SC	120	1	SML	Scree	Ill def.	Merge 728	The highest flake conc. is half-way down the site and there is no clear working floor at the top.
728	B	SC	c.200	4	SML	Scree	Ill def.	Back.conc. Merge 727	There are two small possible working floors within the area of the run-off, and there is an area of background flakes linking them. The site is extensively eroded.
729	B	SC	0.9	2	M	On scree		Axe prod?	These sites are apparently below the furthest extent of site 728 and they are probably independent working floors, rather than being run-off from working floors above.
730	B	SC	3	3	ML	On scree		Axe prod?	
731	B	SC	4	1	M	C.scree	Ill def	Axe prod.	
732	B	SC	1.7	1	M		Scree	Axe prod?	
733	B	SC	12	3	M	S.grad.	Veg.	Axe prod.	There are many unworked blocks of fine tuff within the site.
734	B	SC	1.1	5	M	C.scree		Axe prod.	There are lumps of fine tuff within the site.
735	B	SC	2.2	6	SM	Blockfield		Axe prod.	The flakes are highly concentrated, the site is not heavily eroded and the small flakes are suggestive of trimming as oppose to coarse roughing.
736	B	RB	19	3	SML	Scree		Axe prod?	Some of the flakes are on top of the grass.

Site No.	Site Type	Group	Area	m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition	Site Status	Descriptive Comment
							Cf Fiche 46	Cf Fiche 47	Cf Fiche 48	
737	B	RB	0.2	1	SML				Single?	
738	B	RB	0.2	2	M				Axe prod.	The flakes are on top of green grass, and are <i>ex situ</i> .
739	B	RB	37	4	SML	Tuffcrag		Size>	Axe prod.	Some of the flakes are on green grass and are <i>ex.situ</i> .
740	B	RB	0.1	3	SML	Tuffcrag			Single?	
741	B	HS	370	2	M	Blockfield		C.scree	Back.conc.	A large area of coarse scree, which appears to obscure a low (background) flake conc. Sites 742-751 are exposures through the scree overburden.
742	B	HS	0.8	2	ML	Scree		C.scree	Back.conc?	
743	B	HS	0.8	4	ML	Scree		C.scree	Back.conc?	The flakes are visible where the coarse scree is disturbed.
744	B	HS	0.2	3	ML	Scree		C.scree	Back.conc?	The flakes are exposed as a result of disturbance.
746a	B	HS	13	3	ML	On scree		C.scree	Back.conc?	Run-off from this site has merged with 746b.
746b	B	HS	3	3	ML	Scree		Boulder/scree	Prod/run	This site is apparently distinct from 746a.
747	B	HS	0.8	3	ML	Scree		C.scree	Back.conc?	It is exposed as a result of disturbance of the overburden.
748	B	HS	0.4	3	M	Scree		Boulder	Back.conc?	
749	B	HS	0.1	2	M	Scree		Scree/veg.	Back.conc?	
750	B	HS	0.2	3	L			C.scree	Merge 751	Sites 750 & 751 may be a part of the same working floor but the area between them is obscured by a scree overburden.
751	B	HS	0.8	4	ML			C.scree	Merge 750	
752	B	HS	c.18	1	SM	Tuffcrag Scree		Scree/Veg.	Axe prod.	
753a	B	HS	c.18	2	SM	Tuffcrag		Size>	Axe prod.	The run-off of this site merges with that of site 753b, which appears to be an independent working floor.
753b	B	HS	c.11	3	SM	On scree		Veg.	Prod/run	
755	B	GS	0.2	3	M			Path/Veg.	Single?	A small site adjacent to a fine tuff blockfield.
756	B	GS	0.5	3	SML			Veg.	Single?	It is in the proximity of outcropping fine tuff.
757a	B	GN	c.4	3	SM			Veg.	Merge (b)	The flake assemblages of sites a & b are adjacent but very different in concentration and character and may represent differing aspects of a single working floor.
757b	B	GN	c.23	6	SM	Terrace		Veg.	Merge (a)	
758	B	GN	0.8	2	SM			Veg.	Axe prod.	This is an exposure through turf cover.
759	B	GN	4	4	M	Hollow		C.scree	Axe prod.	Stones may have been removed from the scree to expose flakes

Site No.	Site Type	Group	Area m <sup>2</sup>	Flake Concentration	Flake Size	Topography	Condition	Site Status	Descriptive Comment
						cf Fiche 46	cf Fiche 47	cf Fiche 48	
760	B	GN	3	3	ML	Hollow	Veg.	Axe prod.	The site may have been disturbed.
761	B	GN	7	5	SM		Veg.	Axe prod.	
762	B	GN	0.8	1	SM		Veg.	Axe prod.	
763	B	GN	0.8	1	ML	Blockfield		Axe prod.	
764	B	GN	4	3	M		Veg.	Axe prod.	
765	B	GN	c.3	4	SM		Veg.	Axe prod.	Some of the flakes are on top of the turf.
766	B	GN	44	1	L			Axe prod.	
767	B	GN	40	8	SML	Terrace	Veg.	Axe prod.	There are many blocks of fine tuff adjacent to the site.
768	B	GN	0.8	1	SM		Veg.	Axe prod.	
769	B	GN	7	7	S		Veg.	Merge 770	Sites 769 & 770 are adjacent but the assemblages are very distinct. They possibly represent the trimming area (769) and the coarse roughing area (770) of a single working floor
770	B	GN	15	3	ML	Terrace	Veg/Boulder	Merge 769	
771	B	GN	0.8	6	SM	Terrace	Veg.	Axe prod.	The site is adjacent to fine-tuff outcrops.