

Survey results
No red grouse recorded from any of the six 30 min vantage points or during the walkover part of the survey.
Additionally no red grouse droppings or feathers were located

Wild Ennerdale
14/03/2015
Red Grouse Survey 1
Side
Surveyor P.Ullrich

She Start Survey 05:30
End Survey 13:04
All times GMT

SIDE CP

Whoap

Weather VP1
Frost, no wind, snow cover >600m. vis 10km, 100% cloud, cloudbase >700m
Ennerdale flat calm

VP2 official sunrise 06:33 GMT
No discernible sunrise due to cloudcover. Wind E force 1-2

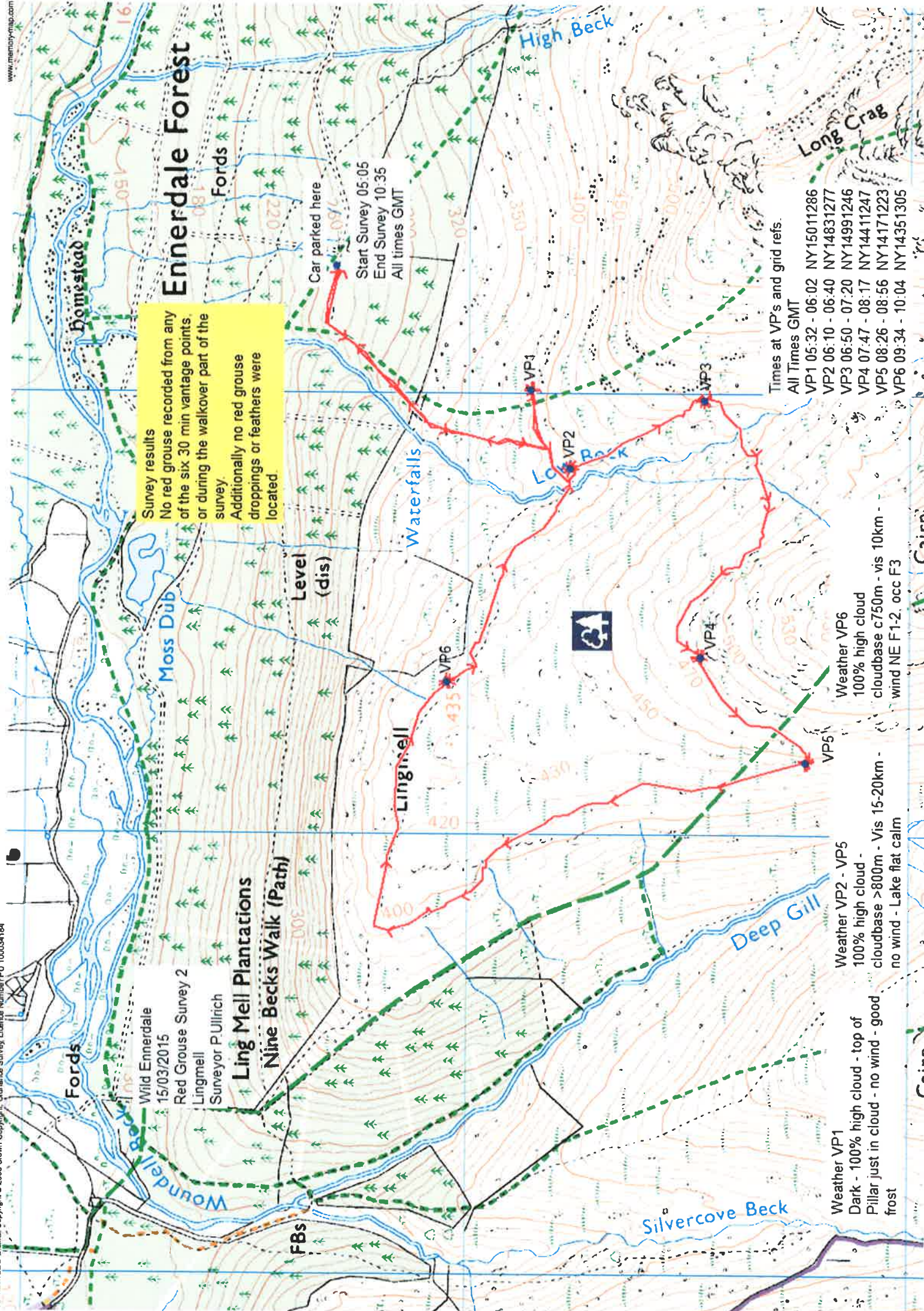
VP3 Bght. 100% broken cloud.
wind E F2, vis 15km

VP4 & VP5 Wind E F2-3.
cloudbase above Pillar, vis 15km

VP6 Wind E F2-3 occ 4, sunny spells. 70% high cloud, vis 15km

Timing and grid refs times GMT:

VP1	05:56 - 06:26	NY10301406
VP2	06:39 - 07:09	NY10601381
VP3	07:27 - 07:57	NY11421350
VP4	08:23 - 08:53	NY12521320
VP5	09:42 - 10:12	NY12731252
VP6	10:52 - 11:22	NY12631174



Survey results
 No red grouse recorded from any of the six 30 min vantage points, or during the walkover part of the survey.
 Additionally no red grouse droppings or feathers were located

Car parked here
 Start Survey 05:05
 End Survey 10:35
 All times GMT

Times at VP's and grid refs.
 All Times GMT

VP1	05:32 - 06:02	NY15011286
VP2	06:10 - 06:40	NY14831277
VP3	06:50 - 07:20	NY14991246
VP4	07:47 - 08:17	NY14411247
VP5	08:26 - 08:56	NY14171223
VP6	09:34 - 10:04	NY14351305

Wild Ennerdale
 15/03/2015
 Red Grouse Survey 2
 Lingmell
 Surveyor P.Ullrich

Weather VP1
 Dark - 100% high cloud -
 Pillar just in cloud - no wind - good
 frost

Weather VP2 - VP5
 100% high cloud -
 cloudbase >800m - Vis 15-20km -
 no wind - Lake flat calm

Weather VP6
 100% high cloud
 cloudbase c750m - vis 10km -
 wind NE F1-2, occ F3

Banna Fell

Wild Ennerdale
17/03/2015
Red Grouse Survey no3
Herdus
Surveyor P.Ullrich
All times GMT

Survey results
No birds seen
2 Red grouse regs. heard briefly in approx. 2 different locations. Locations are approx.
It is likely the 2 regs were of the same bird.
From brief call impossible to reliably sex bird
Summary
A single Red grouse present.

Red grouse registrations:
VP1 05:50-06:20 NY11761634
reg1 - 05:57 - 1 red grouse "clucks" briefly and again at 06:01
Bird is not seen, so mapped location is approx

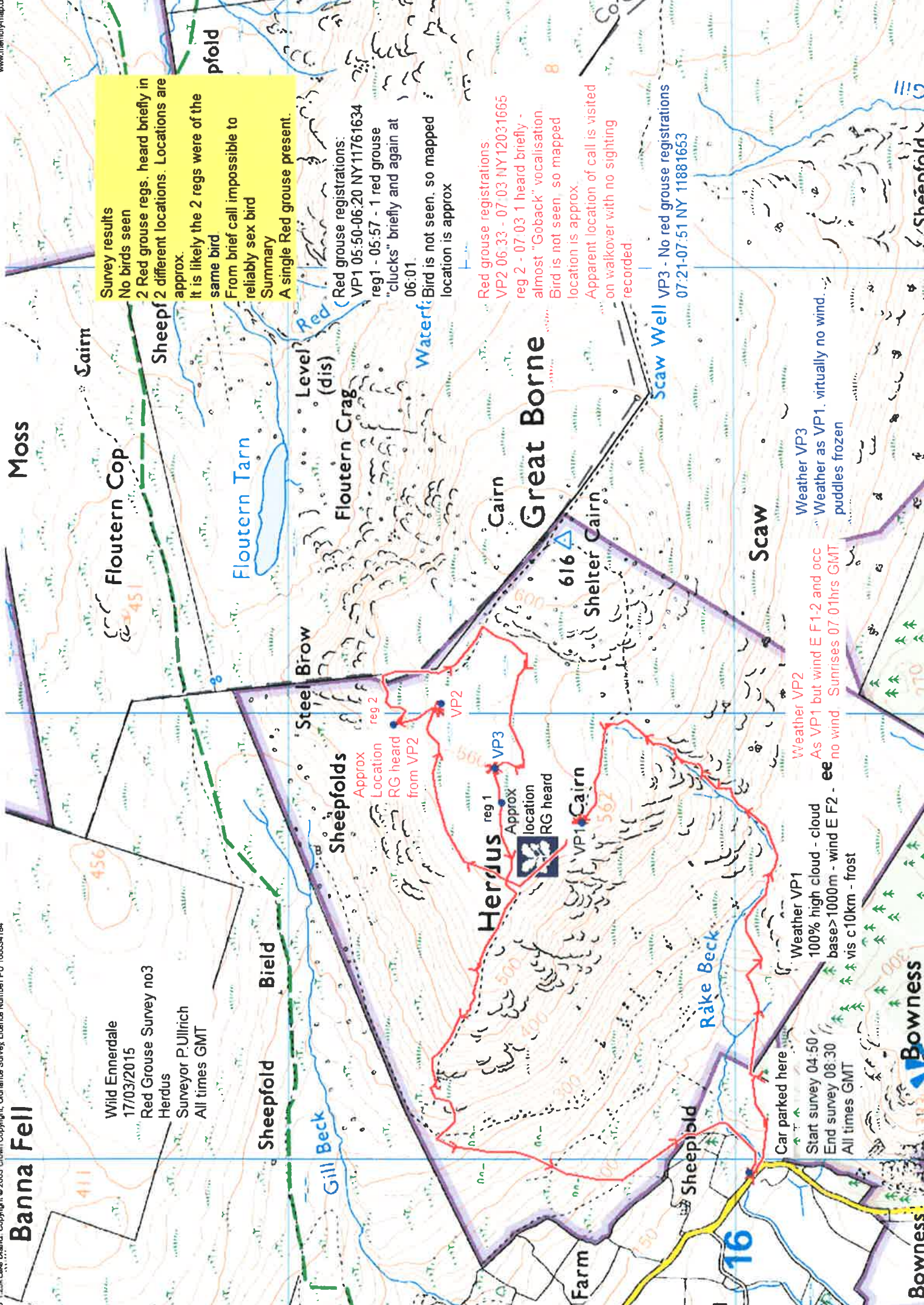
Red grouse registrations:
VP2 06:33 - 07:03 NY12031665
reg 2 - 07:03 1 heard briefly - almost "Goback" vocalisation
Bird is not seen, so mapped location is approx.
Apparent location of call is visited on walkover with no sighting recorded

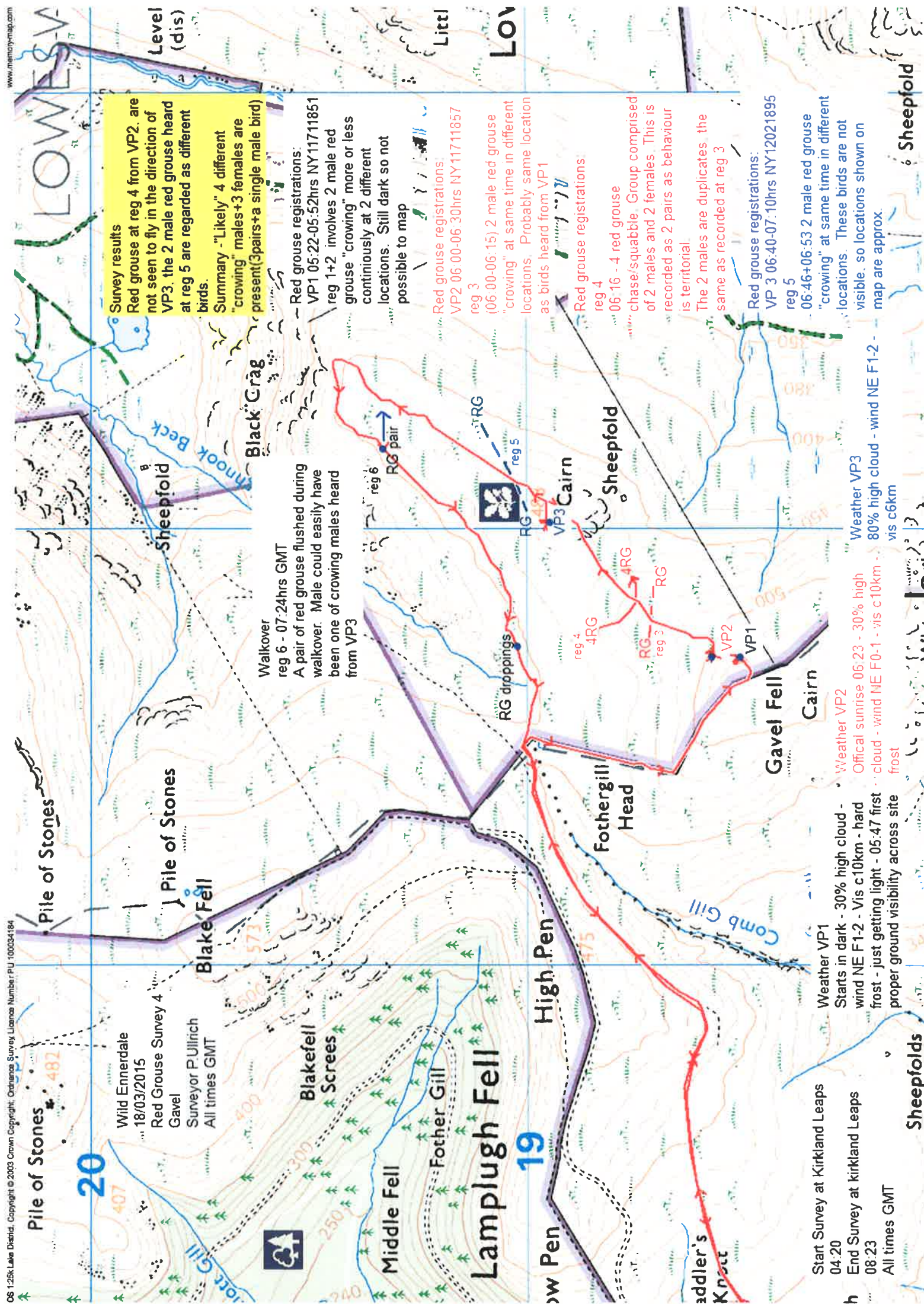
VP3 - No red grouse registrations
07:21-07:51 NY 11881653

Weather VP1
100% high cloud - cloud base > 1000m - wind E F2 - ee vis c 10km - frost

Weather VP2
As VP1 but wind E F1-2 and occ puddles frozen

Weather VP3
virtually no wind.





Survey results
 Red grouse at reg 4 from VP2, are not seen to fly in the direction of VP3, the 2 male red grouse heard at reg 5 are regarded as different birds.
 Summary - "Likely" 4 different "crowing" males + 3 females are present (3 pairs + a single male bird)

Red grouse registrations:
 VP1 05:22-05:52hrs NY11711851
 reg 1+2 involves 2 male red grouse "crowing" more or less continuously at 2 different locations. Still dark so not possible to map

Red grouse registrations:
 VP2 06:00-06:30hrs NY11711857
 reg 3
 (06:00-06:15) 2 male red grouse "crowing" at same time in different locations. Probably same location as birds heard from VP1

Red grouse registrations:
 reg 4
 06:16 - 4 red grouse chase/squabble. Group comprised of 2 males and 2 females. This is recorded as 2 pairs as behaviour is territorial.
 The 2 males are duplicates, the same as recorded at reg 3

Red grouse registrations:
 VP 3 06:40-07:10hrs NY12021895
 reg 5
 06:46+06:53 2 male red grouse "crowing" at same time in different locations. These birds are not visible, so locations shown on map are approx.

Walkover
 reg 6 - 07:24hrs GMT
 A pair of red grouse flushed during walkover. Male could easily have been one of crowing males heard from VP3

Start Survey at Kirkland Leaps 04:20
 End Survey at Kirkland Leaps 08:23
 All times GMT

Weather VP1
 Starts in dark - 30% high cloud - wind NE F1-2 - Vis c10km - hard frost - just getting light - 05:47 first proper ground visibility across site

Weather VP2
 Official sunrise 06:23 - 30% high cloud - wind NE F0-1 - vis c10km - frost

Weather VP3
 80% high cloud - wind NE F1-2 - vis c6km

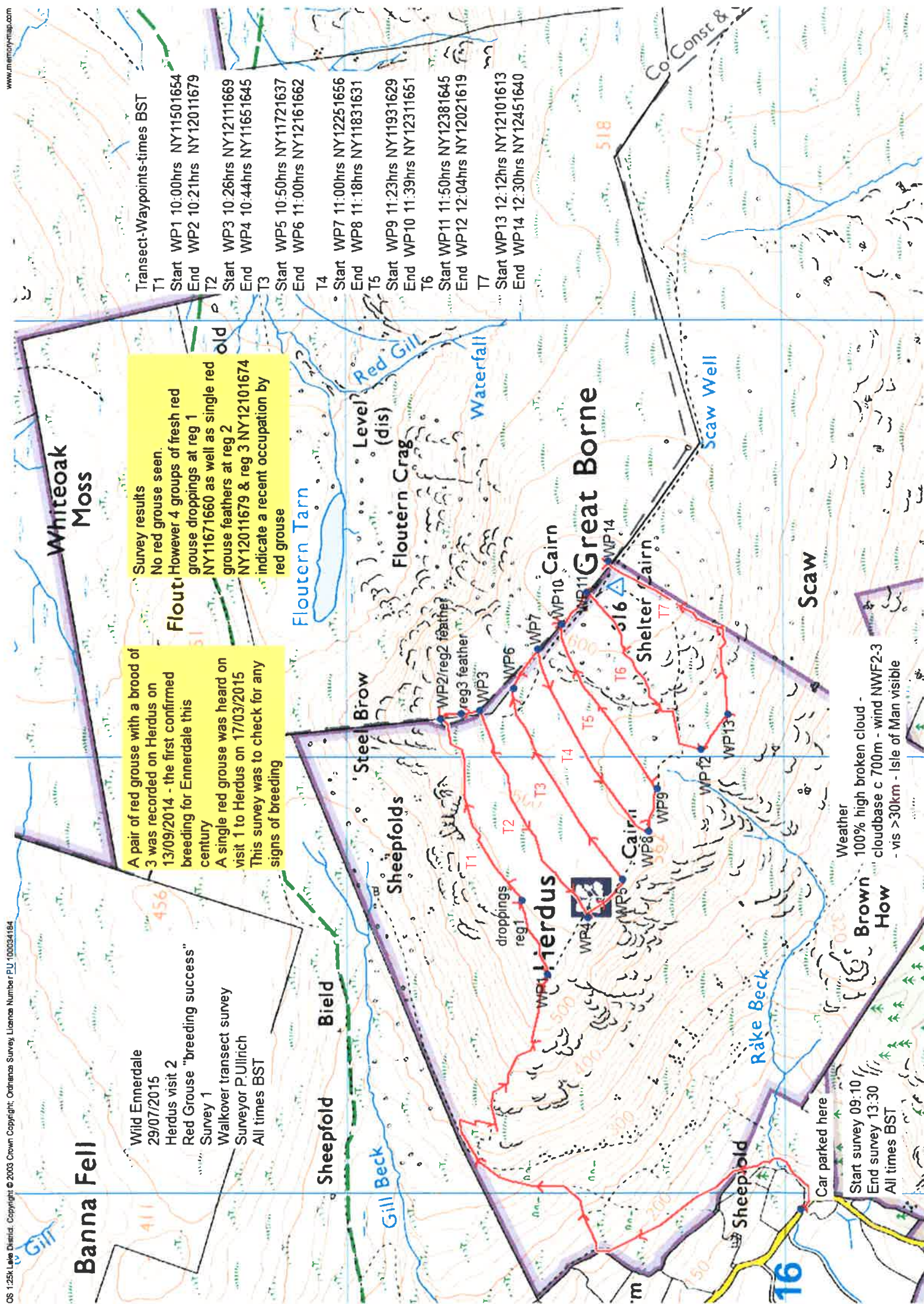
Banna Fell

Wild Ennerdale
29/07/2015
Herdus visit 2
Red Grouse "breeding success"
Survey 1
Walkover transect survey
Surveyor P Ullrich
All times BST

A pair of red grouse with a brood of 3 was recorded on Herdus on 13/09/2014 - the first confirmed breeding for Ennerdale this century
A single red grouse was heard on visit 1 to Herdus on 17/03/2015
This survey was to check for any signs of breeding

Survey results
No red grouse seen.
However 4 groups of fresh red grouse droppings at reg 1 NY11671660 as well as single red grouse feathers at reg 2 NY12011679 & reg 3 NY12101674 indicate a recent occupation by red grouse

- Transect-Waypoints-times BST
- T1 Start WP1 10:00hrs NY11501654
End WP2 10:21hrs NY12011679
 - T2 Start WP3 10:26hrs NY12111669
End WP4 10:44hrs NY11651645
 - T3 Start WP5 10:50hrs NY11721637
End WP6 11:00hrs NY12161662
 - T4 Start WP7 11:00hrs NY12251656
End WP8 11:18hrs NY11831631
 - T5 Start WP9 11:23hrs NY11931629
End WP10 11:39hrs NY12311651
 - T6 Start WP11 11:50hrs NY12381645
End WP12 12:04hrs NY12021619
 - T7 Start WP13 12:12hrs NY12101613
End WP14 12:30hrs NY12451640



Weather
100% high broken cloud -
cloudbase c 700m - wind NWF2-3
- vis >30km - Isle of Man visible

Car parked here
Start survey 09:10
End survey 13:30
All times BST

Brown How

Blake Fell
Red Grouse survey 30-09-2015
walkover transect survey
Surveyor P.Ullrich
All times BST

Workings
(disused)

Bield Levels
(disused)

Sheepfold

Sharp Knott Sp

Pile of Stones

Pile of Stones

Pile of Stones

Blake Fell

Blakefell

Weather
Exceptional
Sunny - No wind - No Cloud
Vis > 30km

Note: Fog lying in the Solway.

Start Felldyke car park 08:53hrs
End Felldyke car park 12:23hrs



Survey results
reg 1 - 10:11hrs - alt 450m
2 very old red grouse droppings
(F.C land)
reg 2 - 10:56hrs - alt 496m
A male red grouse was flushed
from NY11242023 and flew NE
reg 3 - 11:07hrs - alt 485m
same male red grouse is flushed
again and flies E

Same RG male as reg 2
Piles of Stones

reg 2
RG male

reg 3

reg 4
SN

reg 1
2 old RG droppings

WP6

WP3

WP2

WP4

WP5

Transects-Waypoints-times BST
T1

Start WP1 09:50hrs NY10802009
End WP2 10:11hrs NY11022060
T2

Start WP3 10:16hrs NY11142063
End WP4 10:39hrs NY10901993
T3

Start WP5 10:43hrs NY10961985
End WP6 11:21hrs NY11242073

Carling Knott

12

20

10