



PMP Farmer ID:

Surveyor:

Total Score: /100

PMP Plot number:

Survey date:

(A+B+C)

Which of the following best describes the Plot (land parcel) (insert X in appropriate circle):

Blanket bog

Heath

Mosaic of heath & bog

Mosaic of heath with grassland

A Ecological Integrity

Total points for Section A (sum of A1 to A5):

Score: /55

A1 How many positive indicators are present in the plot?

Circle all positive indicators present below & circle summary score below.

Number of plants:	Low: 0 - 4	Score: 0	Medium: 5 - 6	Score: 2	High: 7 - 8	Score: 5	Very High: 9+	Score: 10
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Positive indicators:
(circle those present)

Shrub Layer:

1. Bell Heather
2. Bilberry
3. Bog Myrtle
4. Cross-leaved Heather
5. Ling Heather
6. Western Gorse

Sedge / Herb Layer:

7. Bog Asphodel
8. Bog Bean
9. Bog Cotton
10. Deer Grass
11. Lousewort
12. Sundews
13. White-beaked Sedge

Moss Layer:

14. Branched Mosses
15. Non-crustose (bushy) Lichens
16. Sphagnum Mosses

Negative indicators:
(circle those present)

- A. Bramble
- B. Conifers (Sitka Spruce or Lodgepole Pine)
- C. European Gorse
- D. Nettle
- E. Rhododendron
- F. Other alien invasive

A2 What is the combined cover of positive mosses & lichens (listed above) throughout the plot?

Cover:	Rare: 0-5%	Score: 0	Frequent: 6-20%	Score: 10	Abundant: 21 - 30%	Score: 15	Dominant: > 30%	Score: 20
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A3 Presence of non-native species within the plot (Rhododendron, self-sown conifers, other alien invasive)?

Present Score: **-10** | Absent Score: **0**

A4 What is the combined cover of all negative indicators/weeds (listed above) throughout the plot?

Cover:	High: > 25%	Score: -15	Medium: 11-25%	Score: -10	Med-Low: 1-10%	Score: -5	Absent / Negligible:	Score: 10
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A5 Quality of vegetation structure?

Cover:

Very Poor

Vegetation height is uniformly low. Little or no heather present on wet heaths. Often lacking moss and shrub layer. Often resulting from over grazing or recent peat cutting.

Score: **-15**

Poor

Rank sward. Purple moor-grass/mat-grass and rank senescent heather dominating. Litter cover high, thatch forming in large continuous patches. Poorly developed ground layer. Often resulting from under grazing.

Score: **-10**

Moderate (high grazed)

Significant areas (>25%) of the plot have tight uniform vegetation although not throughout.

Score: **0**

Moderate (low grazed)

Significant areas (>25%) of the plot have rank vegetation although not throughout.

Score: **0**

Good

Sward in good condition, abundant grass and sedge-like vegetation on blanket bog with hummock, hollow, and pool complexes on bog. On heath, all stages of heather / shrub growth present, mostly >30cm. Mix of bog and / or heath vegetation at varying heights throughout. Well structured vegetation with all three layers (moss, sedge / herb, and shrub) well represented.

Score: **15**



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B Hydrological Integrity *Total points for Section B (sum of B1 to B2):* **Score: /30**

B1 Contribution to watercourses

Dry plot with no natural wet features.

Score: **0**

Natural wet features / seepage zones present.

Score: **5**

Natural wet features / seepage zones discharging to OSI mapped watercourse.

Score: **15**

B2 Surface hydrology and artificial drainage features:

Significantly altered bog / heath hydrology

Frequent widespread free flowing drains on plot with notable effect on surrounding vegetation of bog / heath (>20% of plot affected).

Score: **-30**

Moderately altered bog / heath hydrology

Free flowing drains on plot with notable effect on surrounding vegetation of bog / heath (<20% of plot affected).

Score: **-15**

Slightly altered bog / heath hydrology

Drains present on plot although are somewhat impeded and little effect on surrounding bog / heath.

Score: **0**

Moderately intact bog / heath hydrology

Bog / heath surface largely intact, although some evidence of historic disturbance (cutting, drainage, erosion channels) across any part of plot. Vegetation and hydrology largely recovered / stabilised.

Score: **5**

Intact bog / heath hydrology

Intact bog / heath surface, no evidence of past drainage or disturbance.

Score: **15**

C Threats to Site Integrity *Total points for Section C (sum of C1 to C5):* **Score: /15**

C1 Is there evidence of damage due to burning?

Score: **High:** Evidence of recent extensive burning causing significant damage to moss layer (eroding/dead hummocks) (>10% of plot affected). **-15**

Score: **Medium:** Evidence of some recent burning, but no damage to moss layer (<10% of plot affected). **-5**

Score: **None:** No evidence of recent burning. **5**

C2 What is the extent of bare soil and erosion?

Score: **High:** Areas of bare and eroding soil found at intervals along regularly used routes and / or evidence of sheet / rill erosion or gullyng. Significant rutting caused by vehicles/machinery. Excessive poaching. >10% bare and eroding soil in plot. **-20**

Score: **Medium:** Areas of bare and eroding soil found at intervals along regularly used routes and / or evidence of sheet / rill erosion or gullyng. Significant rutting caused by vehicles/machinery. Excessive poaching. >1-10% bare and eroding soil in plot. **-10**

Score: **Low:** Bare soil more frequent along regularly used routes but little or no signs of erosion. May also be a few isolated bare patches caused by animals and some damage from vehicles. Very restricted in distribution and not excessive i.e. <1% of the plot. No areas larger than 0.1ha with more than 10% bare peat. **0**

Score: **None:** Little or no bare soil seen over the assessment area other than isolated hoof prints. Some bare soil at 'pinch' points along regularly used routes (e.g. gateways, gaps in walls) is acceptable as long as no signs of erosion are visible. **10**

C3 Is there damage due to supplementary feeding?

High: Damage at multiple feeding sites Or presence of feeding sites at vulnerable location (i.e. near watercourses) Or >5% of area damaged, Or damage extending >30m from a feeding site. **-15**

Score: **Medium:** Damage from single supplementary feeding site, accounting for <5% of plot and extending <30m from feeding site. **-5**

Score: **None:** No damage evident. **0**

C4 Turbary

Very High: Peat cutting activities within the current season. **-30**

Score: **High:** Most recent cutting activities occurred last year affecting >10% of plot. **-15**

Score: **Medium:** Most recent cutting activities occurred last year affecting <10% of plot. **-5**

Score: **None:** No peat cutting activity for >2 years. **0**

C5 Is there any evidence of damaging activities to vegetation or soil? *If yes, list in comments below.*

Examples may include: dumping (organic or inorganic), pollution or damage to soil, active quarry / sand pit, litter etc.

Cover: **High:** >50% **-30**

Score: **Medium:** 6-50% **-20**

Score: **Low:** <5% **-10**

Score: **No damaging activities** **0**

Management advice / comments: