



Legend

Silt Traps

Sond Location

Dam/ Fill Points

Existing Forest Road

Planned Floating Forest Road

EPA Stream (natural drainage)

Relevant Watercourses (natural drainage)

Interceptor Drains (forestry drainage)

Silt Curtains

Plough Drain Direction (forestry drainage)

Mound Drain Direction

Natural Water Course Buffer Zone (30m/ 40m)

Proposed Lake Buffer Zone (40m)

SubCatchments

Compartment (51222C)

Restoration Option

0

1

14

16

17

19

21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference

Name: IRENET95 Irish Transverse Mercator

PCS: IRENET95 Irish Transverse Mercator

GCS: GCS IRENET95

Datum: IRENET95

Projection: Transverse Mercator

COMPARTMENT	SUBID	Factor of Safety (FoS)	MEAN Slope Degrees	Peat depth (m)	Bog or HH	Stump size	Restoration option final
51222C	1	High (>1.3)	10	<0.3m	Wet Heath	Small	14
51222C	2	High (>1.3)	13	<0.3m	Wet Heath	Small	14
51222C	3	High (>1.3)	16	<0.3m	Wet Heath	Small	14
51222C	4	High (>1.3)	15	<0.3m	Wet Heath	Small	14

Received

08 JAN 2024

Planning & Development Section

Galway County Council

Restoration Plan Compartment 51222C		
Project Title		
Derryclare Wild Western Peatlands		
Project No.	Drawing No.	Scale
210603	01	1:1,700
Drawn By	Checked By	Date
TS	TB	05/01/2024

MKO

Planning and Environmental Consultants

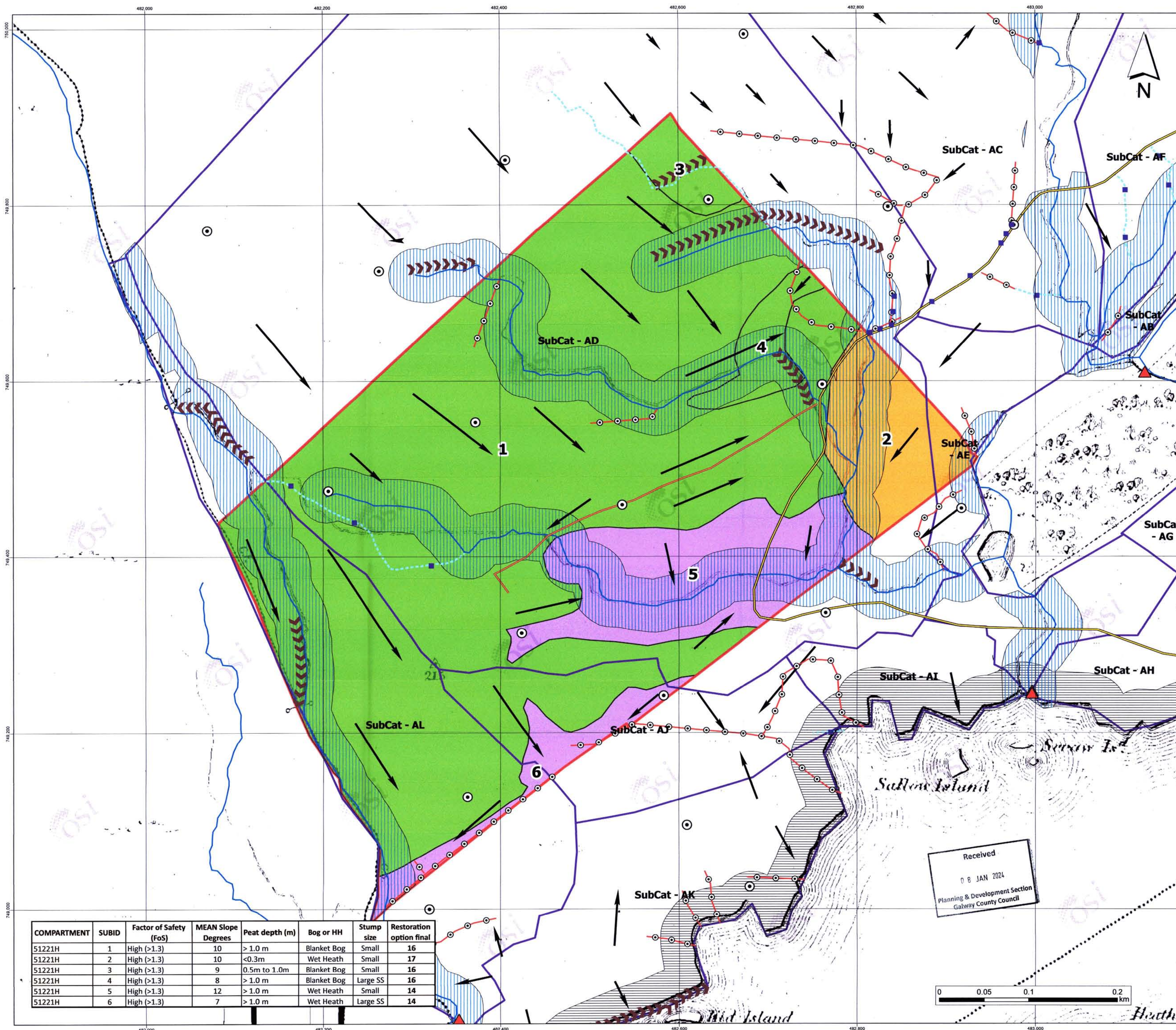
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COMPARTMENT	SUBID	Factor of Safety (FoS)	MEAN Slope Degrees	Peat depth (m)	Bog or HH	Stump size	Restoration option final
51221H	1	High (>1.3)	10	> 1.0 m	Blanket Bog	Small	16
51221H	2	High (>1.3)	10	<0.3m	Wet Heath	Small	17
51221H	3	High (>1.3)	9	0.5m to 1.0m	Blanket Bog	Small	16
51221H	4	High (>1.3)	8	> 1.0 m	Blanket Bog	Large SS	16
51221H	5	High (>1.3)	12	> 1.0 m	Wet Heath	Small	14
51221H	6	High (>1.3)	7	> 1.0 m	Wet Heath	Large SS	14

Legend

Silt Traps

Sond Location

Dam/ Fill Points

Existing Forest Road

Planned Floating Forest Road

EPA Stream (natural drainage)

Relevant Watercourses (natural drainage)

Interceptor Drains (forestry drainage)

Silt Curtains

Plough Drain Direction (forestry drainage)

Mound Drain Direction

Natural Water Course Buffer Zone (30m/ 40m)

Proposed Lake Buffer Zone (40m)

SubCatchments

Compartment (51221H)

Restoration Option

0

1

14

16

17

19

21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference
Name: IRENET95 Irish Transverse Mercator
GCS: IRENET95 Irish Transverse Mercator
Projection: Transverse Mercator

GCS: IRENET95
Datum: IRENET95
Projection: Transverse Mercator

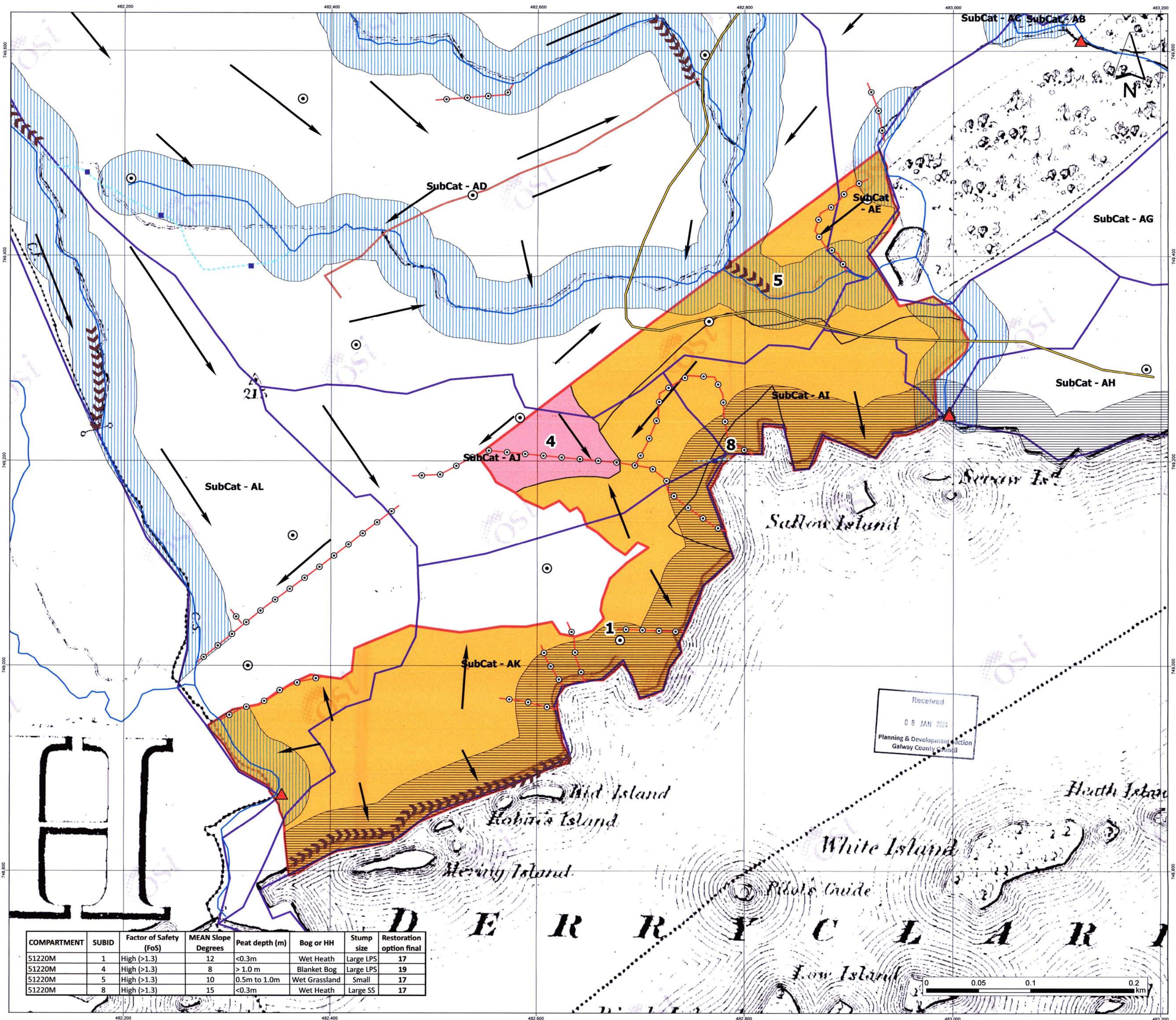
Restoration Plan Compartment 51221H		
Project Title		
Derryclare Wild Western Peatlands		
Project No.	Drawing No.	Scale
210603	01	1:2,000
Drawn By	Checked By	Date
TS	TB	05/01/2024

MKO

Planning and Environmental Consultants

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Legend

Silt Traps

Sond Location

Dam/ Fill Points

Existing Forest Road

Planned Floating Forest Road

EPA Stream (natural drainage)

Relevant Watercourses (natural drainage)

Interceptor Drains (forestry drainage)

Silt Curtains

Plough Drain Direction (forestry drainage)

Mound Drain Direction

Natural Water Course Buffer Zone (30m/ 40m)

Proposed Lake Buffer Zone (40m)

SubCatchments

Compartment (51220M)

Restoration Option

0

1

14

16

17

19

21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/ dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

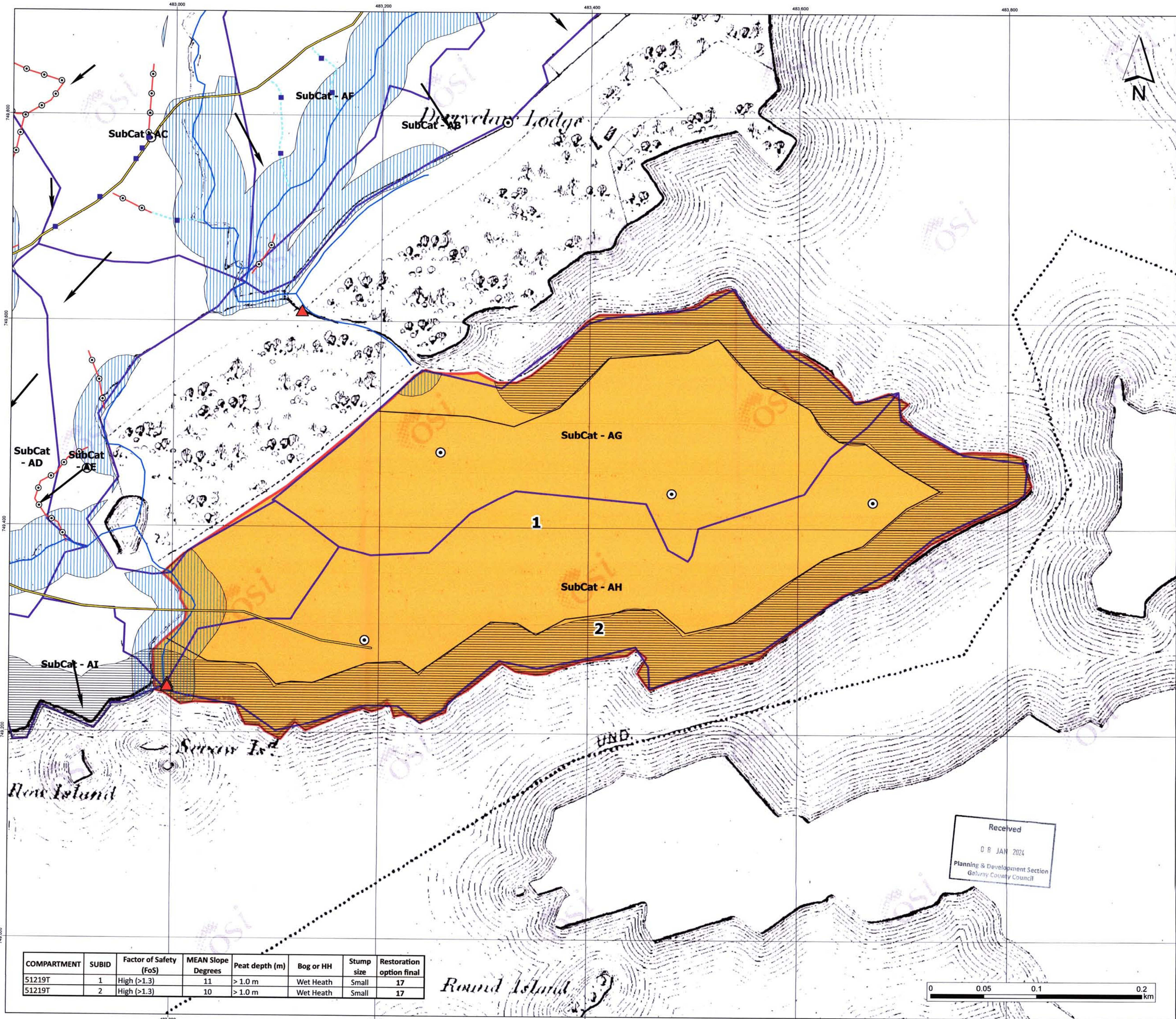
Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference: GCS: GCS: BOREN1995 Irish Transverse Mercator
Datum: BOREN1995
PCS: BOREN1995 Irish Transverse Mercator
Projection: Transverse Mercator

Restoration Plan Compartment 51220M		
Project Title: Derryclare Wild Western Peatlands		
Project No: 210603	Drawing No: 01	Scale: 1:1,700
Drawn By: TS	Checked By: TB	Date: 05/01/2024

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Legend

Silt Traps

Sand Location

Dam/ Fill Points

Existing Forest Road

Planned Floating Forest Road

EPA Stream (natural drainage)

Relevant Watercourses (natural drainage)

Interceptor Drains (forestry drainage)

Silt Curtains

Plough Drain Direction (forestry drainage)

Mound Drain Direction

Natural Water Course Buffer Zone (30m/ 40m)

Proposed Lake Buffer Zone (40m)

SubCatchments

Compartment (51219T)

Restoration Option

0

1

14

16

17

19

21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference

Name: IRENET195 Irish Transverse Mercator

PCS: IRENET195 Irish Transverse Mercator

GCS: GCS IRENET195

Datum: IRENET195

Projection: Transverse Mercator

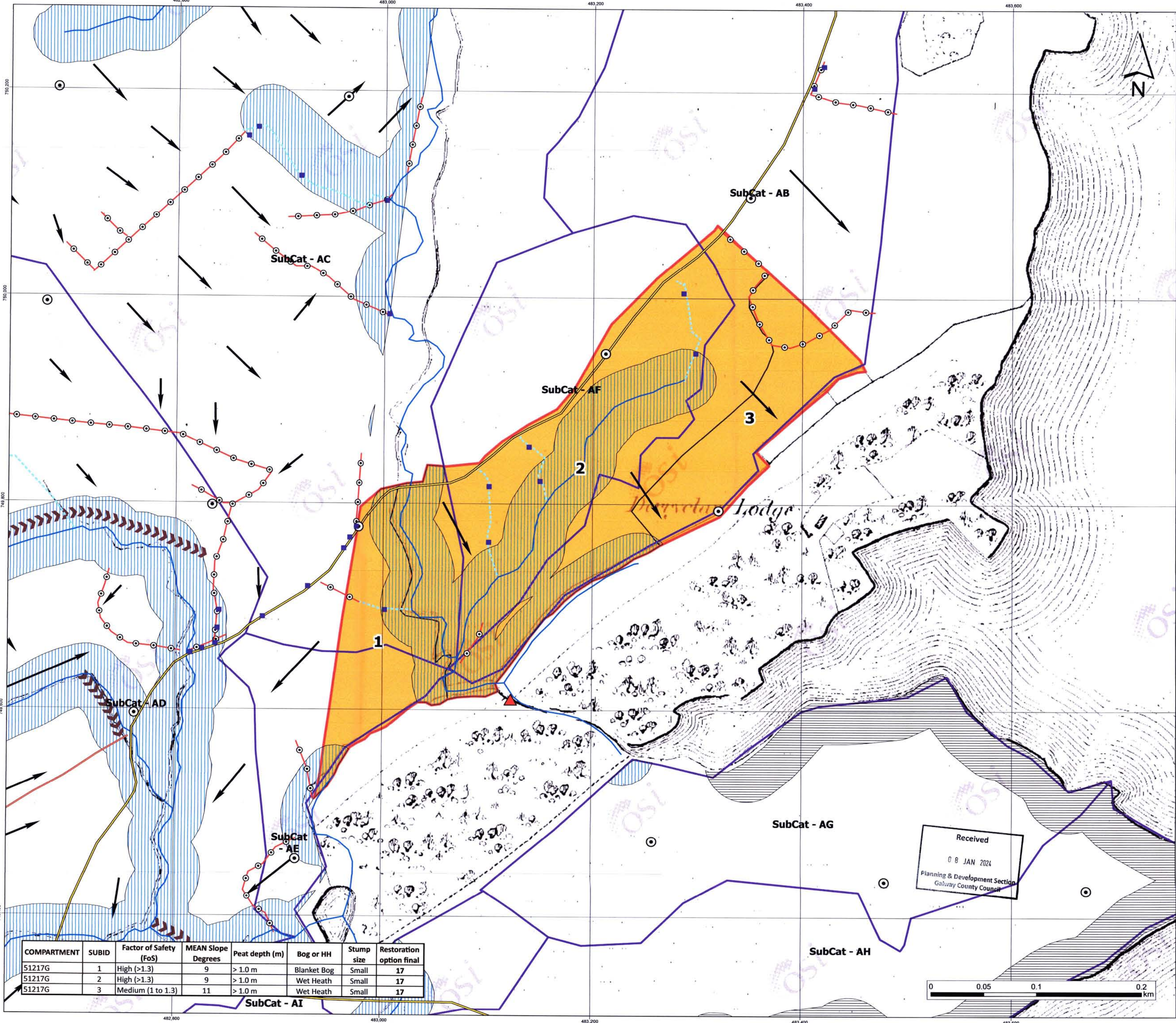
Drawing Title: **Restoration Plan Compartment 51219T**

Project Title: **Derryclare Wild Western Peatlands**

Project No:	Drawing No:	Scale:
210603	01	1:1,700

Drawn By:	Checked By:	Date:
TS	TB	05/01/2024

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COMPARTMENT	SUBID	Factor of Safety (FoS)	MEAN Slope Degrees	Peat depth (m)	Bog or HH	Stump size	Restoration option final
51217G	1	High (>1.3)	9	> 1.0 m	Blanket Bog	Small	17
51217G	2	High (>1.3)	9	> 1.0 m	Wet Heath	Small	17
51217G	3	Medium (1 to 1.3)	11	> 1.0 m	Wet Heath	Small	17

Legend

- Silt Traps
- Sond Location
- Dam/ Fill Points
- Existing Forest Road
- Planned Floating Forest Road
- EPA Stream (natural drainage)
- Relevant Watercourses (natural drainage)
- Interceptor Drains (forestry drainage)
- Silt Curtains
- Plough Drain Direction (forestry drainage)
- Mound Drain Direction
- Natural Water Course Buffer Zone (30m/ 40m)
- Proposed Lake Buffer Zone (40m)
- SubCatchments
- Compartment (51217G)

Restoration Option

- 0
- 1
- 14
- 16
- 17
- 19
- 21

Buffer zone management:

Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference
Name: BREN195 Irish Transverse Mercator
PCS: BREN195 Irish Transverse Mercator

GCS: GCS_BREN195
Datum: BREN195
Projection: Transverse Mercator

Drawing Title:

Restoration Plan Compartment 51217G

Project Title:

Derryclare Wild Western Peatlands

Project No.

Drawing No.

Scale

210603

01

11,700

Drawn By

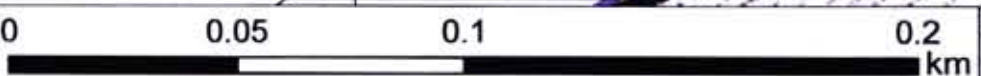
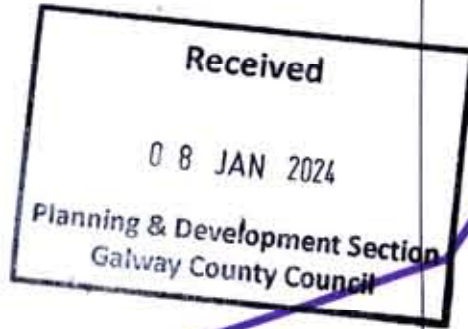
Checked By

Date

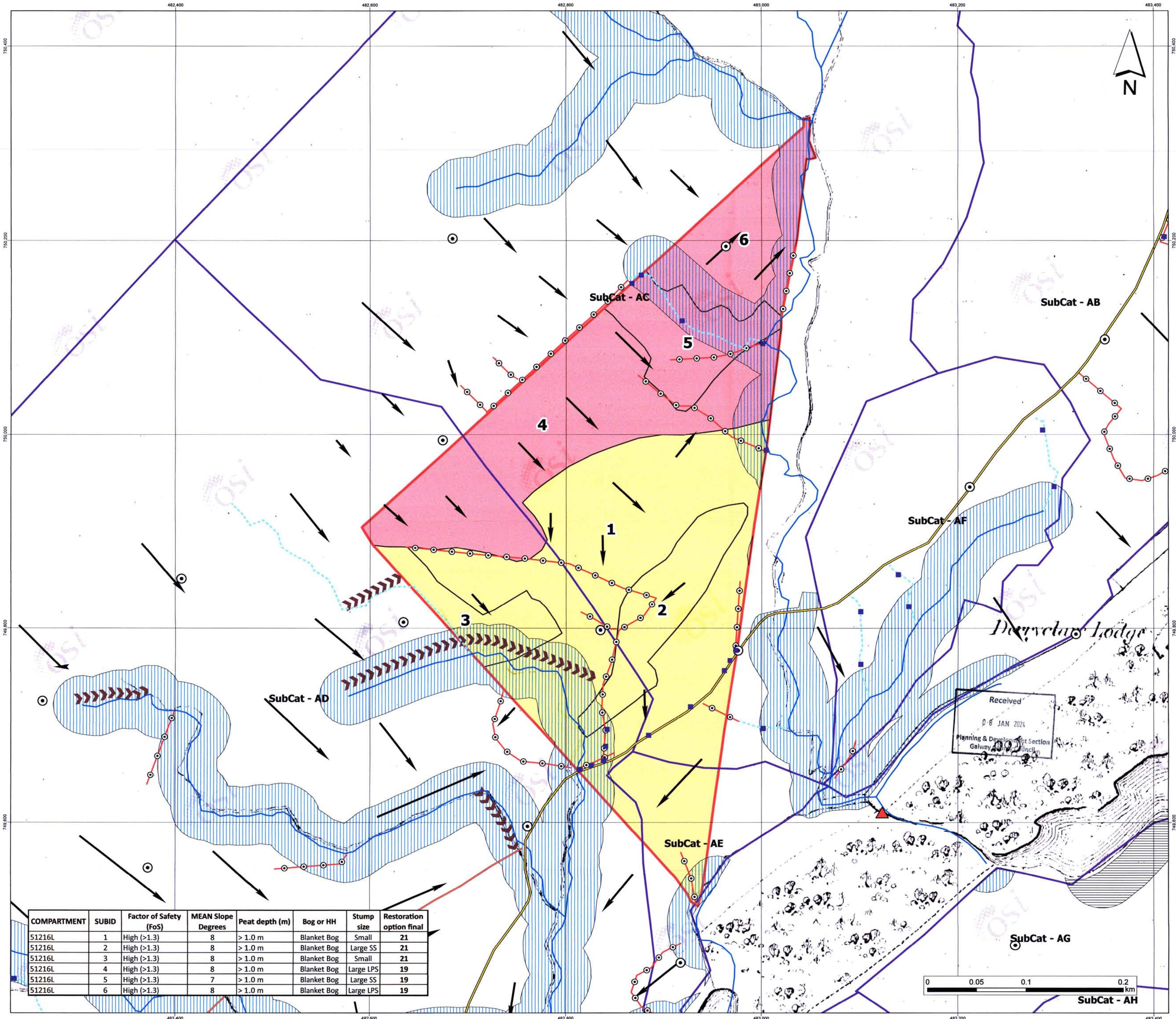
TS

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05/01/2024



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Legend

Silt Traps

Sond Location

Dam/ Fill Points

Existing Forest Road

Planned Floating Forest Road

EPA Stream (natural drainage)

Relevant Watercourses (natural drainage)

Interceptor Drains (forestry drainage)

Silt Curtains

Plough Drain Direction (forestry drainage)

Mound Drain Direction

Natural Water Course Buffer Zone (30m/ 40m)

Proposed Lake Buffer Zone (40m)

SubCatchments

Compartment (51216L)

Restoration Option

0

1

14

16

17

19

21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference:
Name: BRENTRY Irish Transverse Mercator
PCS: BRENTRY Irish Transverse Mercator
GCS: GCS_BRENTRY
Datum: BRENTRY
Projection: Transverse Mercator

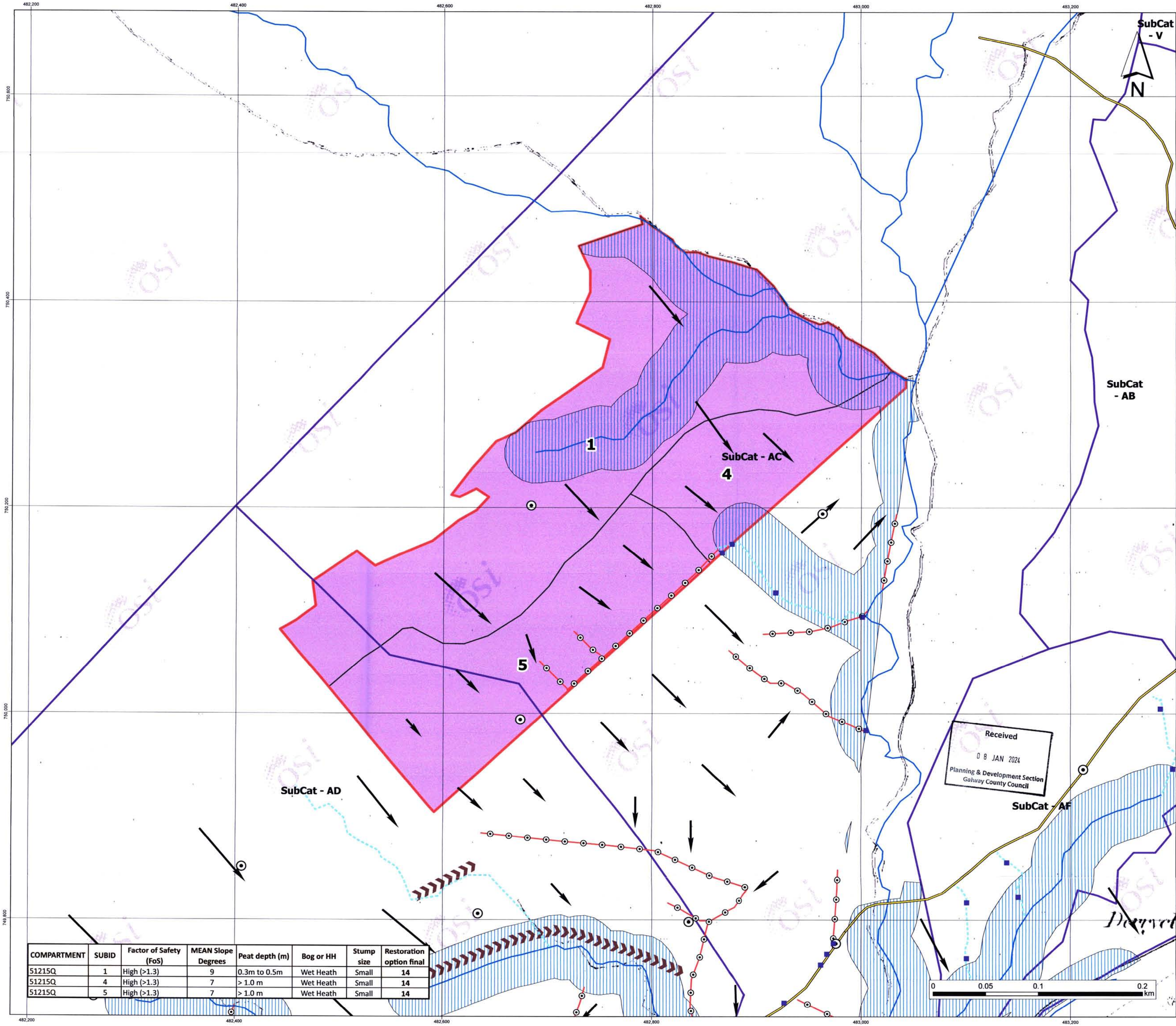
Drawing Title: **Restoration Plan Compartment 51216L**

Project Title: **Derryclare Wild Western Peatlands**

Project No.	Drawing No.	Scale
210603	01	1:1,800
Drawn By	Checked By	Date
TS	TB	05/01/2024

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Website: www.mkofireland.ie

COMPARTMENT	SUBID	Factor of Safety (FoS)	MEAN Slope Degrees	Peat depth (m)	Bog or HH	Stump size	Restoration option final
51216L	1	High (>1.3)	8	> 1.0 m	Blanket Bog	Small	21
51216L	2	High (>1.3)	8	> 1.0 m	Blanket Bog	Large SS	21
51216L	3	High (>1.3)	8	> 1.0 m	Blanket Bog	Small	21
51216L	4	High (>1.3)	8	> 1.0 m	Blanket Bog	Large LPS	19
51216L	5	High (>1.3)	7	> 1.0 m	Blanket Bog	Large SS	19
51216L	6	High (>1.3)	8	> 1.0 m	Blanket Bog	Large LPS	19



COMPARTMENT	SUBID	Factor of Safety (FoS)	MEAN Slope Degrees	Peat depth (m)	Bog or HH	Stump size	Restoration option final
51215Q	1	High (>1.3)	9	0.3m to 0.5m	Wet Heath	Small	14
51215Q	4	High (>1.3)	7	> 1.0 m	Wet Heath	Small	14
51215Q	5	High (>1.3)	7	> 1.0 m	Wet Heath	Small	14

Legend

- Silt Traps
- Sond Location
- Dam/ Fill Points
- Existing Forest Road
- Planned Floating Forest Road
- EPA Stream (natural drainage)
- Relevant Watercourses (natural drainage)
- Interceptor Drains (forestry drainage)
- Silt Curtains
- Plough Drain Direction (forestry drainage)
- Mound Drain Direction
- Natural Water Course Buffer Zone (30m/ 40m)
- Proposed Lake Buffer Zone (40m)
- SubCatches
- Compartment (51215Q)
- Restoration Option
 - 0
 - 1
 - 14
 - 16
 - 17
 - 19
 - 21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference: GCS: BNE1995 Irish Transverse Mercator
Datum: BNE1995
PCS: BNE1995 Irish Transverse Mercator
Projection: Transverse Mercator

Drawing Title: **Restoration Plan Compartment 51215Q**

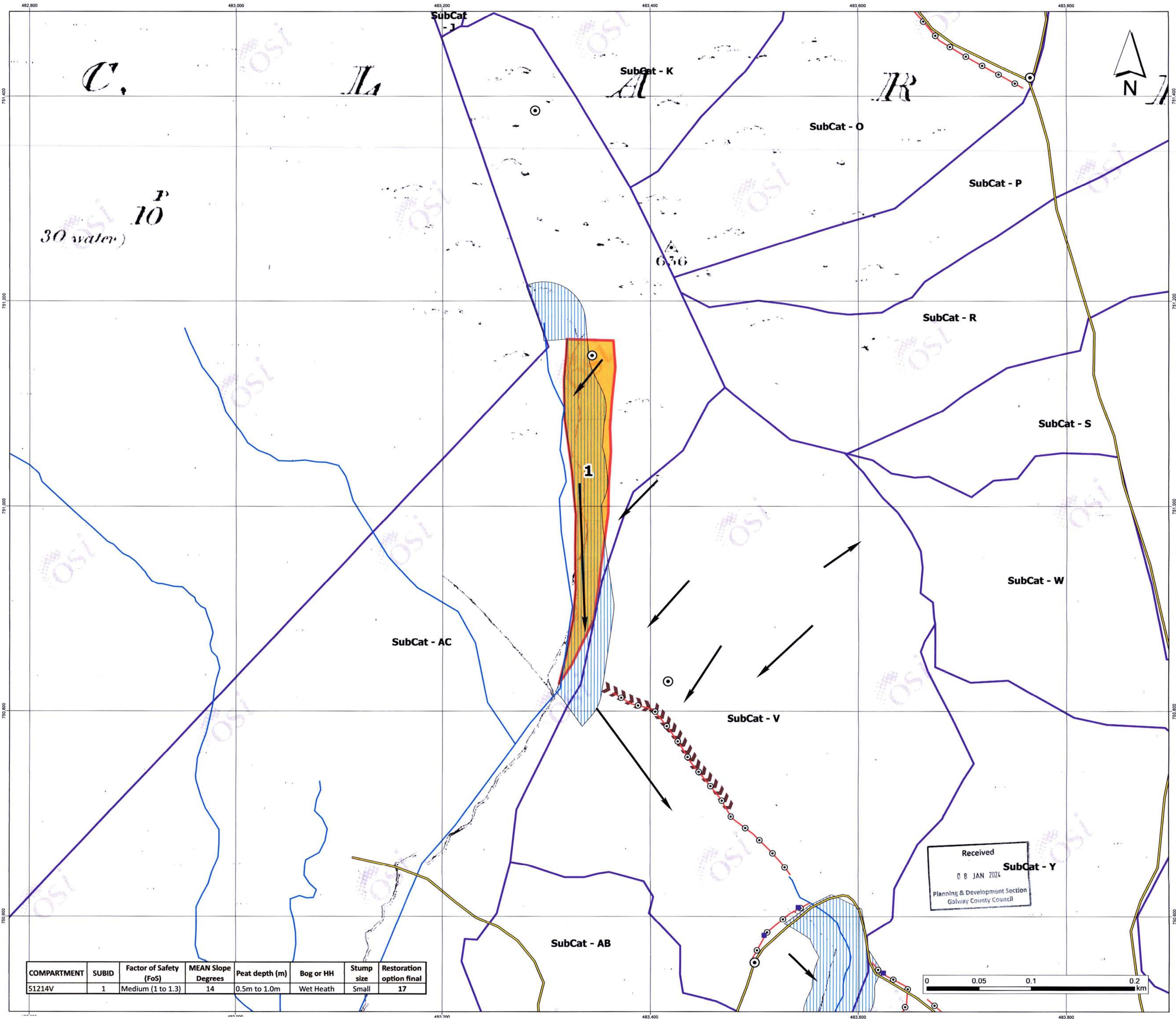
Project Title: **Derryclare Wild Western Peatlands**

Project No: **210603** Drawing No: **01** Scale: **1:1,700**

Drawn By: **TS** Checked By: **TB** Date: **05/01/2024**



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COMPARTMENT	SUBID	Factor of Safety (FoS)	MEAN Slope Degrees	Peat depth (m)	Bog or HH	Stump size	Restoration option final
51214V	1	Medium (1 to 1.3)	14	0.5m to 1.0m	Wet Heath	Small	17

Legend

- Silt Traps
 - Sond Location
 - Dam/ Fill Points
 - Existing Forest Road
 - Planned Floating Forest Road
 - EPA Stream (natural drainage)
 - Relevant Watercourses (natural drainage)
 - Interceptor Drains (forestry drainage)
 - Silt Curtains
 - Plough Drain Direction (forestry drainage)
 - Mound Drain Direction
 - Natural Water Course Buffer Zone (30m/ 40m)
 - Proposed Lake Buffer Zone (40m)
 - SubCatchments
 - Compartment (51214V)
- Restoration Option
- 0
 - 1
 - 14
 - 16
 - 17
 - 19
 - 21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference: GCS: GCS: BENE1995
Datum: BENE1995
Projection: Transverse Mercator

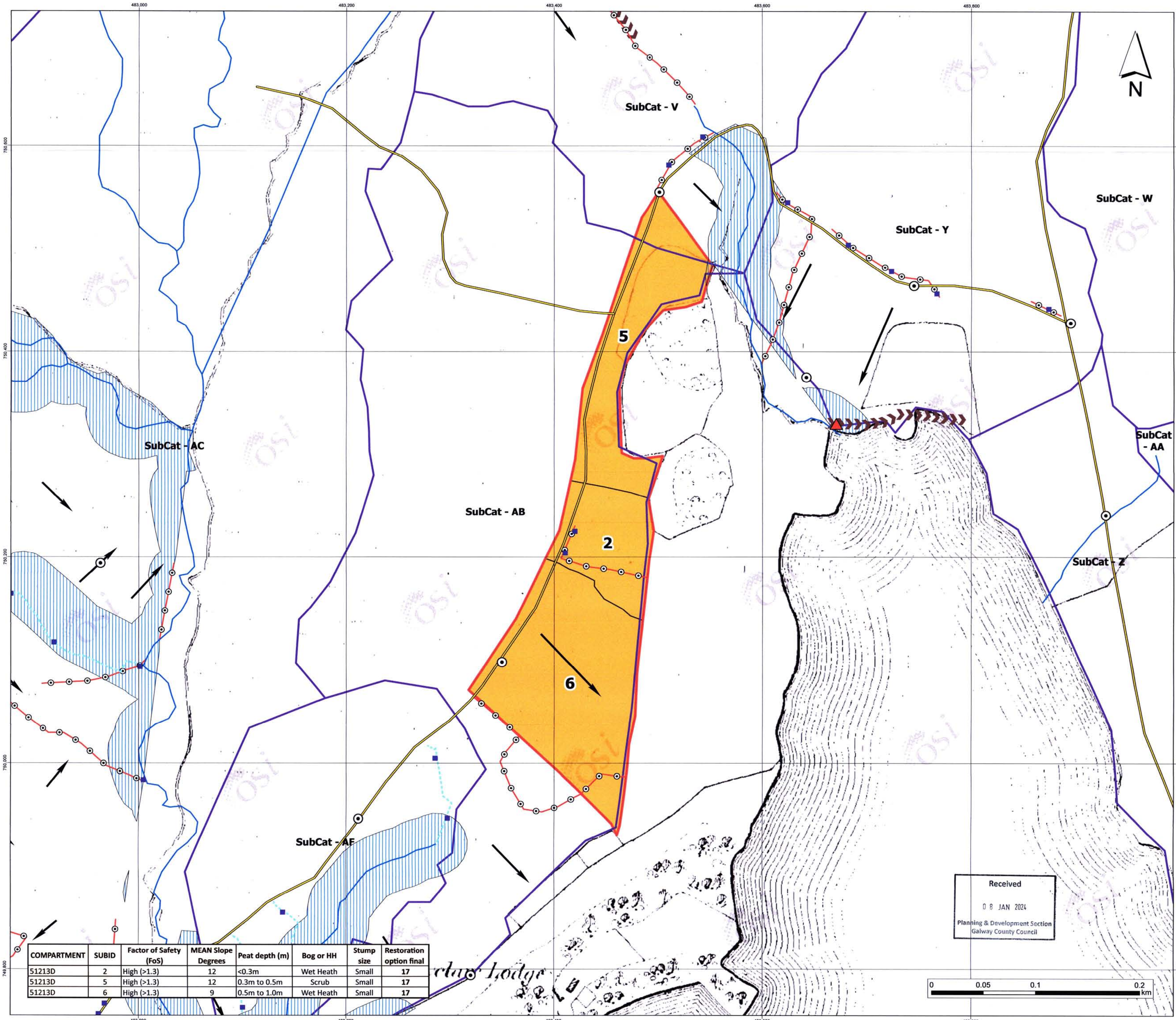
Restoration Plan Compartment 51214V

Derryclare Wild Western Peatlands

Project No.	Drawing No.	Scale
210603	01	1:1,700
Drawn By	Checked By	Date
TS	TB	05/01/2024



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Legend

Silt Traps

Sond Location

Dam/ Fill Points

Existing Forest Road

Planned Floating Forest Road

EPA Stream (natural drainage)

Relevant Watercourses (natural drainage)

Interceptor Drains (forestry drainage)

Silt Curtains

Plough Drain Direction (forestry drainage)

Mound Drain Direction

Natural Water Course Buffer Zone (30m/ 40m)

Proposed Lake Buffer Zone (40m)

SubCatches

Compartment (51213D)

Restoration Option

0

1

14

16

17

19

21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference
Name: IRENET95 Irish Transverse Mercator
PCS: IRENET95 Irish Transverse Mercator
GCS: GCS IRENET95
Datum: IRENET95
Projection: Transverse Mercator

Restoration Plan Compartment 51213D

Derryclare Wild Western Peatlands		
Project No.	Drawing No.	Scale
210603	01	1:1,700
Drawn By	Checked By	Date
TS	TB	05/01/2024

Received
08 JAN 2024
Planning & Development Section
Galway County Council

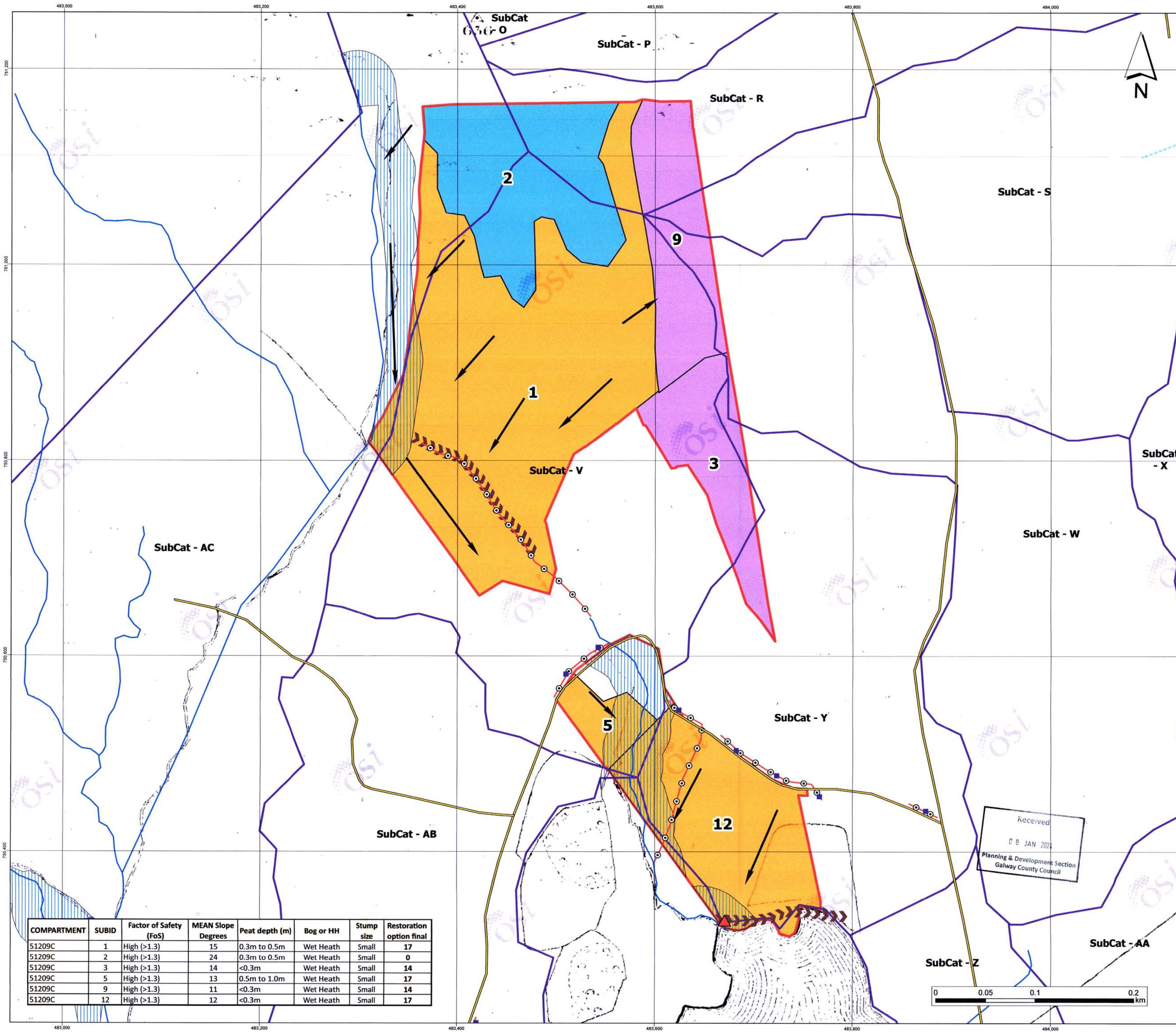
COMPARTMENT	SUBID	Factor of Safety (FoS)	MEAN Slope Degrees	Peat depth (m)	Bog or HH	Stump size	Restoration option final
51213D	2	High (>1.3)	12	<0.3m	Wet Heath	Small	17
51213D	5	High (>1.3)	12	0.3m to 0.5m	Scrub	Small	17
51213D	6	High (>1.3)	9	0.5m to 1.0m	Wet Heath	Small	17

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Website: www.mkofireland.ie



COMPARTMENT	SUBID	Factor of Safety (FoS)	MEAN Slope Degrees	Peat depth (m)	Bog or HH	Stump size	Restoration option final
51209C	1	High (>1.3)	15	0.3m to 0.5m	Wet Heath	Small	17
51209C	2	High (>1.3)	24	0.3m to 0.5m	Wet Heath	Small	0
51209C	3	High (>1.3)	14	<0.3m	Wet Heath	Small	14
51209C	5	High (>1.3)	13	0.5m to 1.0m	Wet Heath	Small	17
51209C	9	High (>1.3)	11	<0.3m	Wet Heath	Small	14
51209C	12	High (>1.3)	12	<0.3m	Wet Heath	Small	17

Legend

- Silt Traps
- Sond Location
- Dam/ Fill Points
- Existing Forest Road
- Planned Floating Forest Road
- EPA Stream (natural drainage)
- Relevant Watercourses (natural drainage)
- Interceptor Drains (forestry drainage)
- Silt Curtains
- Plough Drain Direction (forestry drainage)
- Mound Drain Direction
- Natural Water Course Buffer Zone (30m/ 40m)
- Proposed Lake Buffer Zone (40m)
- SubCatchments
- Compartment (51209C)

Restoration Option

0	1	14	16	17	19	21
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Buffer zone management:

Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference
Name: IRENET95 Irish Transverse Mercator
PCS: IRENET95 Irish Transverse Mercator

GCS: GCS IRENET95
Datum: IRENET95
Projection: Transverse Mercator

Drawing Title
Restoration Plan Compartment 51209C

Project Title
Derryclare Wild Western Peatlands

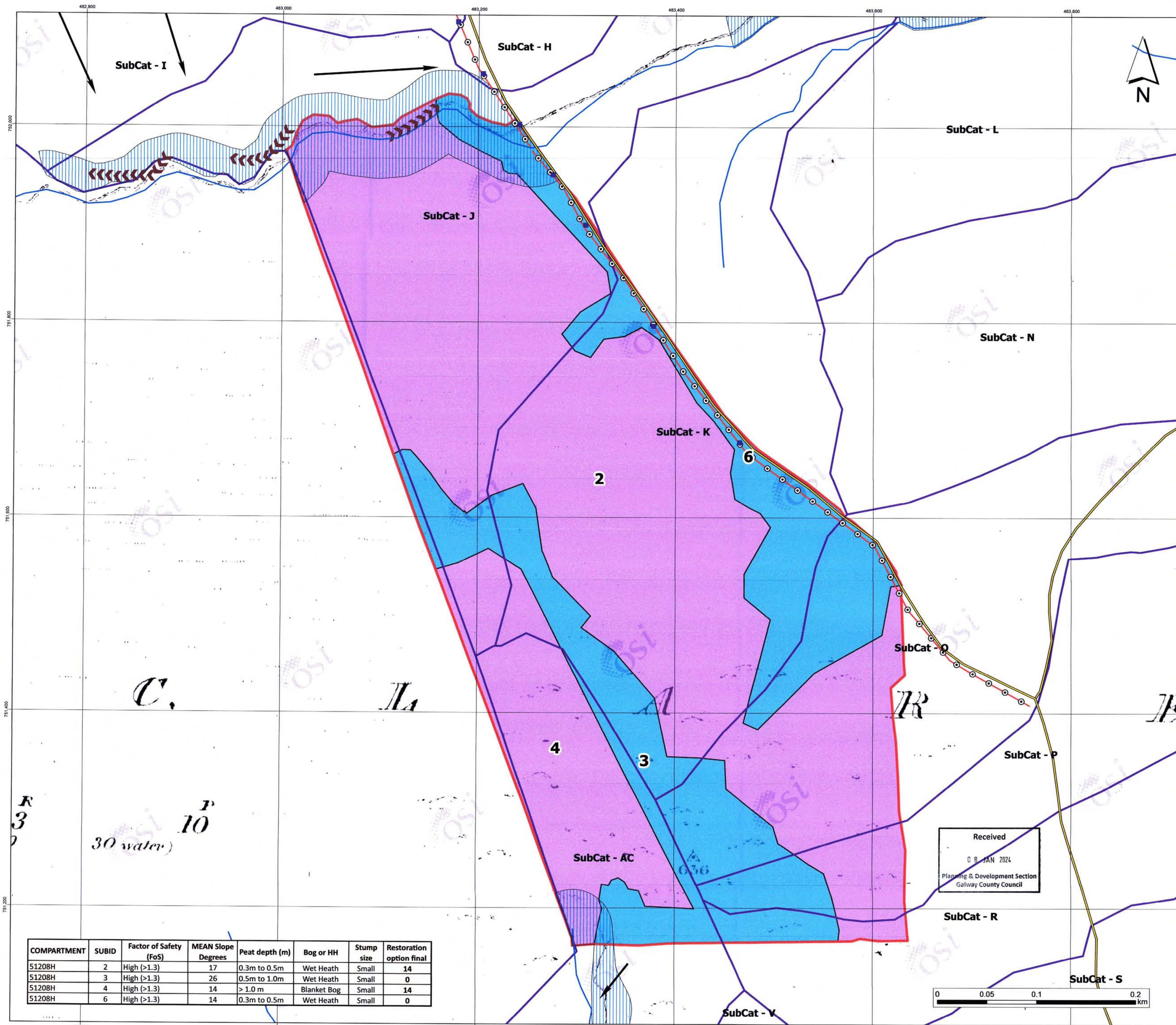
Project No. 210603	Drawing No. 01	Scale 1:1,800
Drawn By TS	Checked By TB	Date 05/01/2024

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Galway County Council

0 0.05 0.1 0.2 km

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COMPARTMENT	SUBID	Factor of Safety (FoS)	MEAN Slope Degrees	Peat depth (m)	Bog or HH	Stump size	Restoration option final
51208H	2	High (>1.3)	17	0.3m to 0.5m	Wet Heath	Small	14
51208H	3	High (>1.3)	26	0.5m to 1.0m	Wet Heath	Small	0
51208H	4	High (>1.3)	14	> 1.0 m	Blanket Bog	Small	14
51208H	6	High (>1.3)	14	0.3m to 0.5m	Wet Heath	Small	0

Legend

Silt Traps

Sond Location

Dam/ Fill Points

Existing Forest Road

Planned Floating Forest Road

EPA Stream (natural drainage)

Relevant Watercourses (natural drainage)

Interceptor Drains (forestry drainage)

Silt Curtains

Plough Drain Direction (forestry drainage)

Mound Drain Direction

Natural Water Course Buffer Zone (30m/ 40m)

Proposed Lake Buffer Zone (40m)

SubCatchments

Compartment (51208H)

Restoration Option

0

1

14

16

17

19

21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference: Name: IRENET95 Irish Transverse Mercator
PCS: IRENET95 Irish Transverse Mercator
GCS: GCS IRENET95
Datum: IRENET95
Projection: Transverse Mercator

Drawing Title: **Restoration Plan Compartment 51208H**

Project Title: **Derryclare Wild Western Peatlands**

Project No: **210603**

Drawing No: **01**

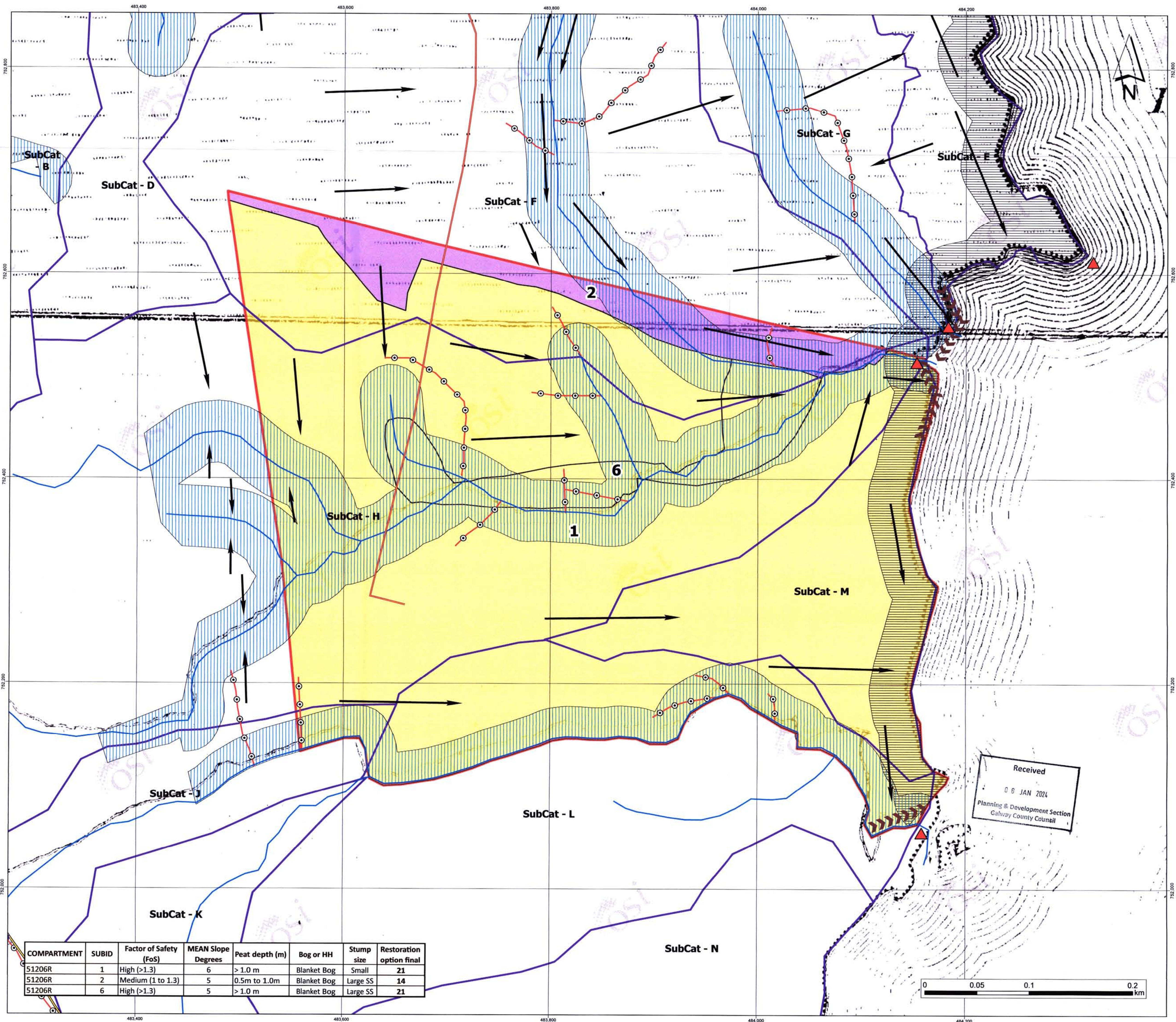
Scale: **1:1,800**

Drawn By: **TS**

Checked By: **TB**

Date: **05/01/2024**

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Website: www.mkofireland.ie



Legend

- Silt Traps
- ▲ Sand Location
- Dam/ Fill Points
- Existing Forest Road
- Planned Floating Forest Road
- EPA Stream (natural drainage)
- Relevant Watercourses (natural drainage)
- Interceptor Drains (forestry drainage)
- »»» Silt Curtains
- Plough Drain Direction (forestry drainage)
- Mound Drain Direction
- ▨ Natural Water Course Buffer Zone (30m/ 40m)
- ▨ Proposed Lake Buffer Zone (40m)
- ▨ SubCatchments
- ▨ Compartment (51206R)

Restoration Option

- 0
- 1
- 14
- 16
- 17
- 19
- 21

Buffer zone management:

Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference
Name: IRENET95 Irish Transverse Mercator
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GCS: GCS IRENET95
Datum: IRENET95
Projection: Transverse Mercator

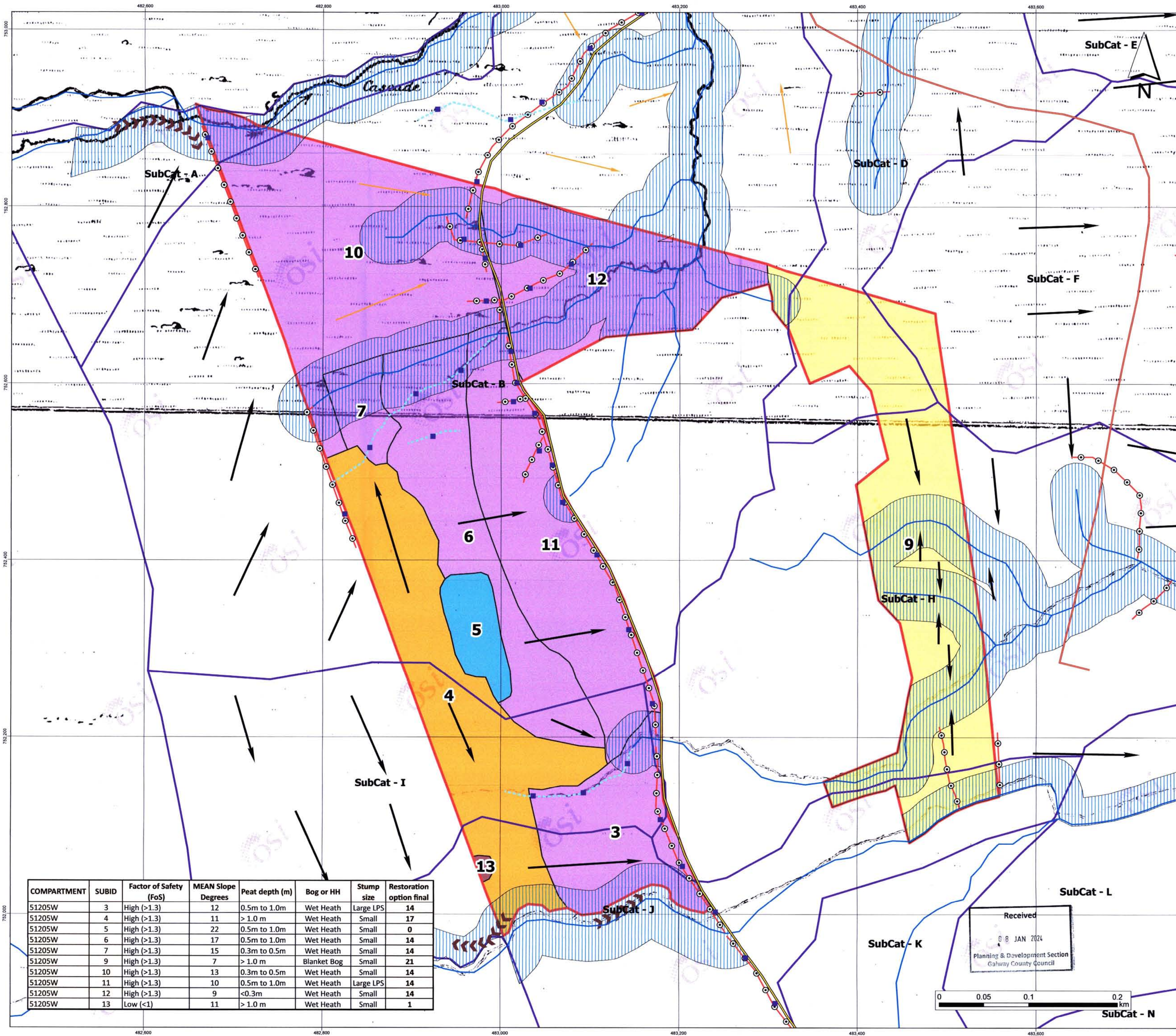
Drawing Title

Restoration Plan Compartment 51206R

Derrylare Wild Western Peatlands		
Project Title		
Project No.	Drawing No.	Scale
210603	01	1:1,700
Drawn By	Checked By	Date
TS	TB	05/01/2024



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COMPARTMENT	SUBID	Factor of Safety (FoS)	MEAN Slope Degrees	Peat depth (m)	Bog or HH	Stump size	Restoration option final
51205W	3	High (>1.3)	12	0.5m to 1.0m	Wet Heath	Large LPS	14
51205W	4	High (>1.3)	11	> 1.0 m	Wet Heath	Small	17
51205W	5	High (>1.3)	22	0.5m to 1.0m	Wet Heath	Small	0
51205W	6	High (>1.3)	17	0.5m to 1.0m	Wet Heath	Small	14
51205W	7	High (>1.3)	15	0.3m to 0.5m	Wet Heath	Small	14
51205W	9	High (>1.3)	7	> 1.0 m	Blanket Bog	Small	21
51205W	10	High (>1.3)	13	0.3m to 0.5m	Wet Heath	Small	14
51205W	11	High (>1.3)	10	0.5m to 1.0m	Wet Heath	Large LPS	14
51205W	12	High (>1.3)	9	<0.3m	Wet Heath	Small	14
51205W	13	Low (<1)	11	> 1.0 m	Wet Heath	Small	1

Legend

Silt Traps

Sond Location

Dam/ Fill Points

Existing Forest Road

Planned Floating Forest Road

EPA Stream (natural drainage)

Relevant Watercourses (natural drainage)

Interceptor Drains (forestry drainage)

Silt Curtains

Plough Drain Direction (forestry drainage)

Mound Drain Direction

Natural Water Course Buffer Zone (30m/ 40m)

Proposed Lake Buffer Zone (40m)

SubCatchments

Compartment (51205W)

Restoration Option

0

1

14

16

17

19

21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/ dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference

Name: IRENET95 Irish Transverse Mercator

Datum: IRENET95

PCS: IRENET95 Irish Transverse Mercator

GCS: GCS IRENET95

Datum: IRENET95

Projection: Transverse Mercator

Drawing Title

Restoration Plan Compartment 51205W

Project Title

Derryclare Wild Western Peatlands

Project No.

210603

Drawing No.

01

Scale

1:2,000

Drawn By

TS

Checked By

TB

Date

05/01/2024

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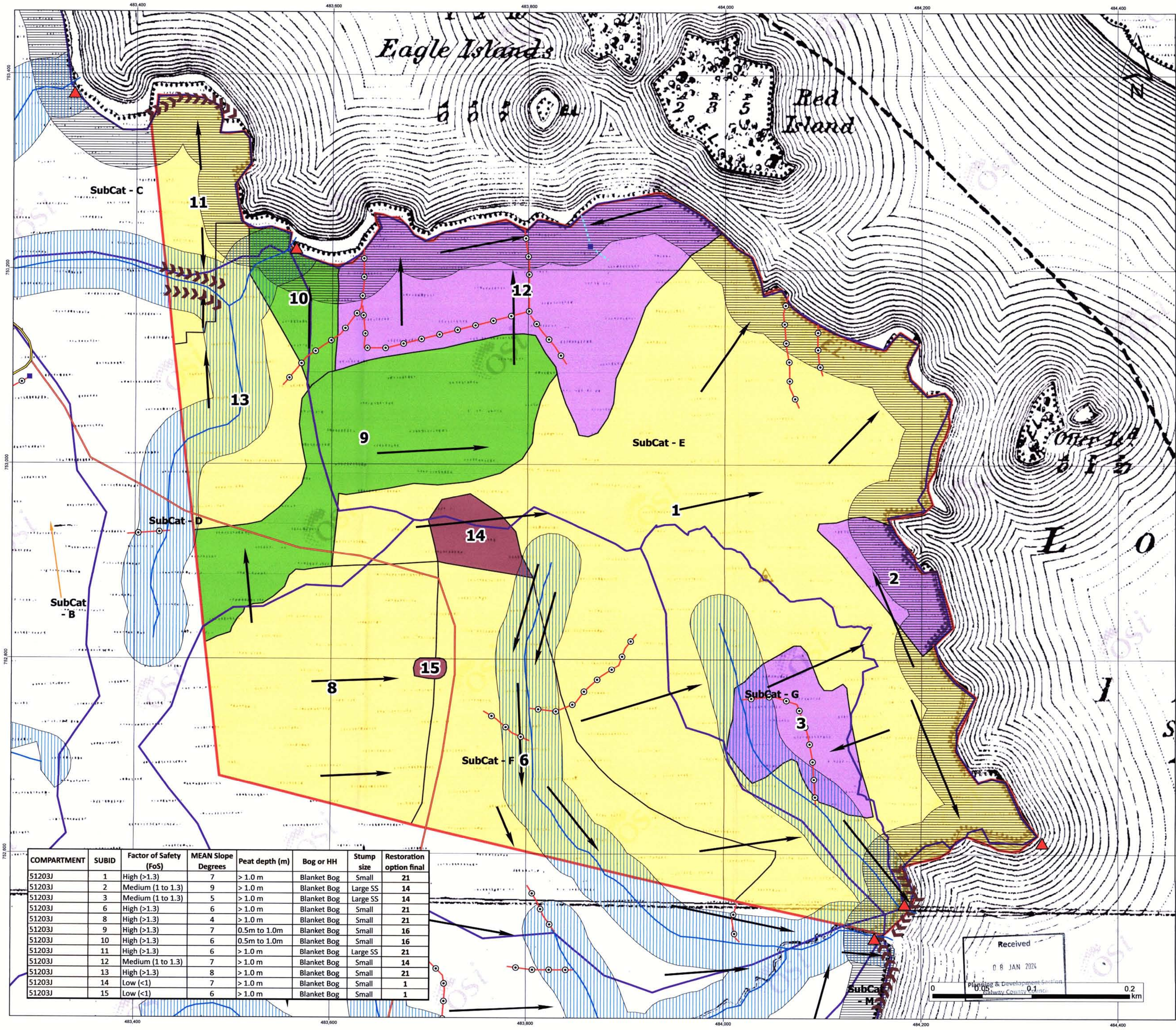
08 JAN 2024

Planning & Development Section

Galway County Council

0 0.05 0.1 0.2

km



COMPARTMENT	SUBID	Factor of Safety (FoS)	MEAN Slope Degrees	Peat depth (m)	Bog or HH	Stump size	Restoration option final
51203J	1	High (>1.3)	7	> 1.0 m	Blanket Bog	Small	21
51203J	2	Medium (1 to 1.3)	9	> 1.0 m	Blanket Bog	Large SS	14
51203J	3	Medium (1 to 1.3)	5	> 1.0 m	Blanket Bog	Large SS	14
51203J	6	High (>1.3)	6	> 1.0 m	Blanket Bog	Small	21
51203J	8	High (>1.3)	4	> 1.0 m	Blanket Bog	Small	21
51203J	9	High (>1.3)	7	0.5m to 1.0m	Blanket Bog	Small	16
51203J	10	High (>1.3)	6	0.5m to 1.0m	Blanket Bog	Small	16
51203J	11	High (>1.3)	6	> 1.0 m	Blanket Bog	Large SS	21
51203J	12	Medium (1 to 1.3)	7	> 1.0 m	Blanket Bog	Small	14
51203J	13	High (>1.3)	8	> 1.0 m	Blanket Bog	Small	21
51203J	14	Low (<1)	7	> 1.0 m	Blanket Bog	Small	1
51203J	15	Low (<1)	6	> 1.0 m	Blanket Bog	Small	1

Legend

Silt Traps

Sond Location

Dam/ Fill Points

Existing Forest Road

Planned Floating Forest Road

EPA Stream (natural drainage)

Relevant Watercourses (natural drainage)

Interceptor Drains (forestry drainage)

Silt Curtains

Plough Drain Direction (forestry drainage)

Mound Drain Direction

Natural Water Course Buffer Zone (30m/ 40m)

Proposed Lake Buffer Zone (40m)

SubCATCHMENTS

Compartment (51203J)

Restoration Option

0

1

14

16

17

19

21

Buffer zone management:

Fell trees, remove brash, strategically place series of silt traps/ dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option

Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference

Name: IRENET95 Irish Transverse Mercator

Datum: IRENET95

PCS: IRENET95 Irish Transverse Mercator

GCS: GCS IRENET95

Datum: IRENET95

Projection: Transverse Mercator

Drawing Title

Restoration Plan Compartment 51203J

Project Title

Derryclare Wild Western Peatlands

Project No.

210603

Drawing No.

01

Scale

1:1,800

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Date

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Galway County Council

0.2 km

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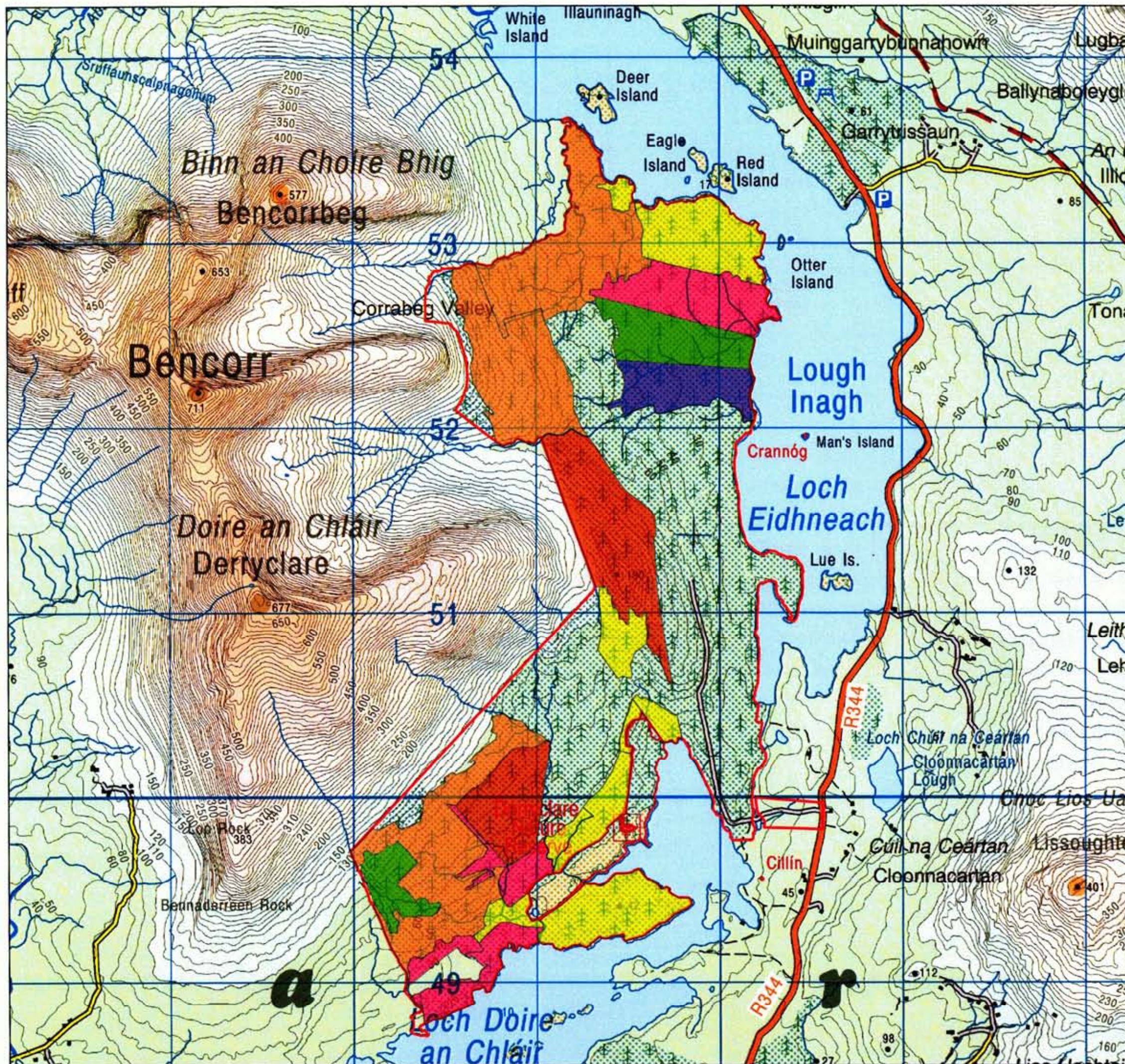
Tuam Road, Galway

Galway, H91 VWB4

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email: info@mkofireland.ie

Website: www.mkofireland.ie



Map Legend

- EIAR Study Area
 Harvest Blocks by Projected Harvest Year
 2022 (Harvest Completed under Licence)
 2024
 2025
 2026
 2027
 2028

Received

08 JAN 2024

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Drawing Title

Proposed Harvest Phasing Map

Project Title

Derryclare Wind Western Peatlands

Drawn By

TB

Checked By

DT

Project No.

210603

Drawing No.

Figure 4.8

Scale

1:20000

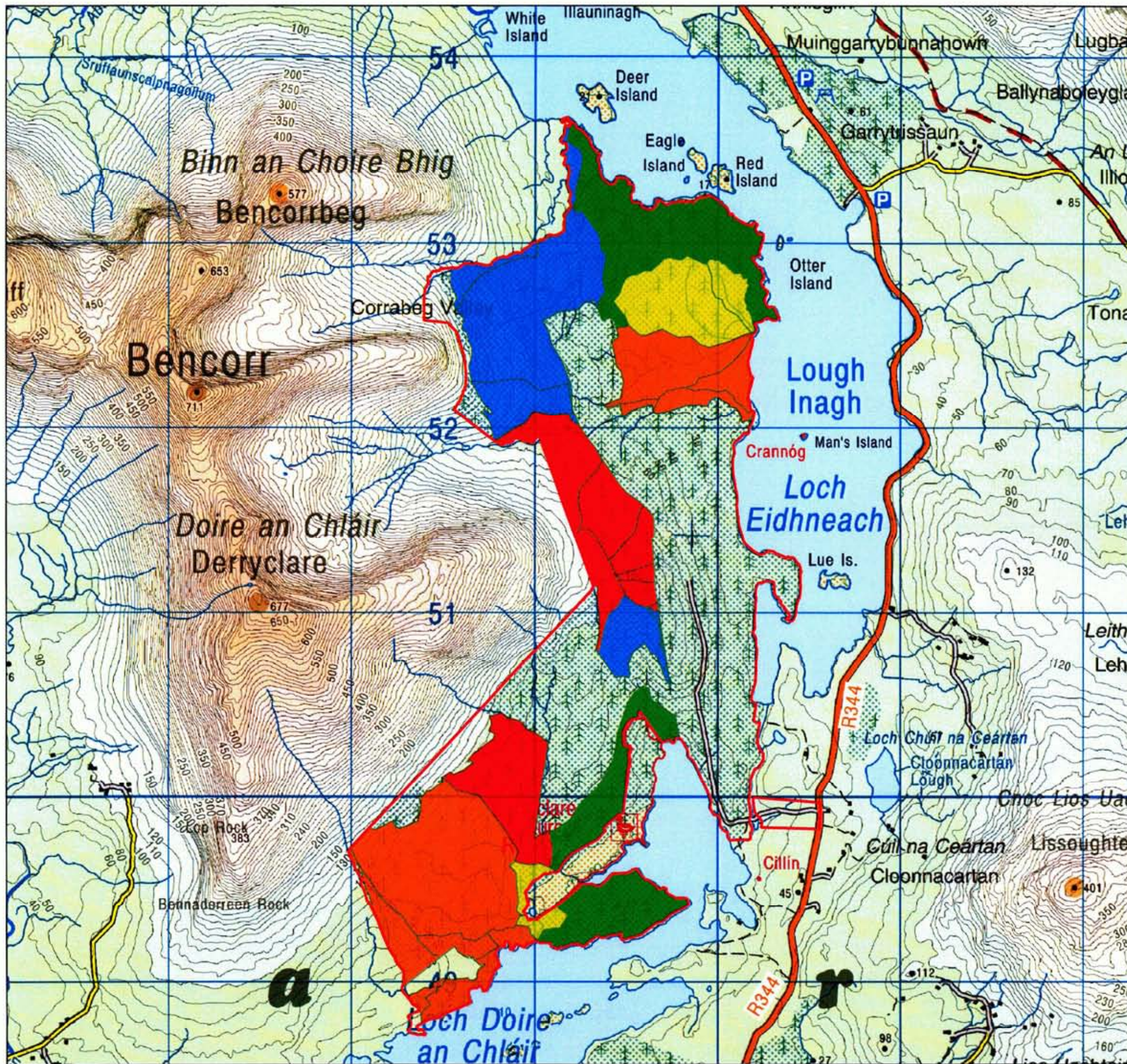
Date

2023-10-02



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Map Legend

- EIAR Study Area
- Restoration Phasing (By Sub-Catchment)
- 2024 - 2026
 - 2025 - 2027
 - 2026 - 2028
 - 2027 - 2029
 - 2028 - 2030

Received

8 JAN 2024

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Drawing Title

Indicative Restoration Phasing Map

Project Title

Derryclare Wind Western Peatlands

Drawn By

TB

Checked By

DT

Project No.

210603

Drawing No.

Figure 4.9

Scale

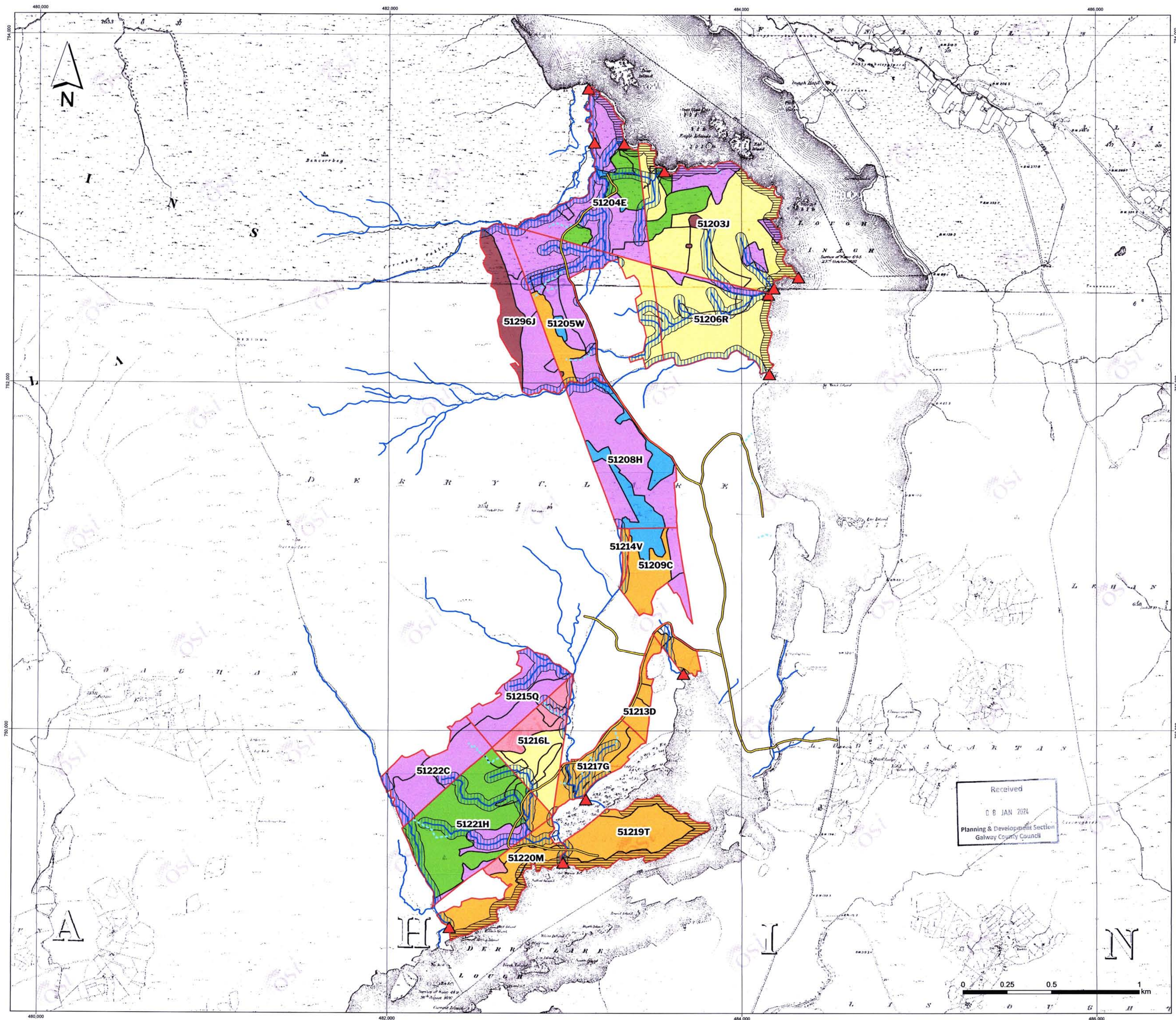
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Date

2023-12-06



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- Legend**
- ▲ Sand Location
 - Existing Forest Road
 - Planned Floating Forest Road
 - EPA Stream (natural drainage)
 - Relevant Watercourses (natural drainage)
 - ▨ Natural Water Course Buffer Zone (30m/ 40m)
 - ▨ Proposed Lake Buffer Zone (40m)
 - Compartment

Restoration Option

- 0
- 1
- 14
- 16
- 17
- 19
- 21

Buffer zone management:

Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

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Datum: BENE195
Projection: Transverse Mercator

Drawing Title

Indicative Restoration Option Map - Overview

Project Title

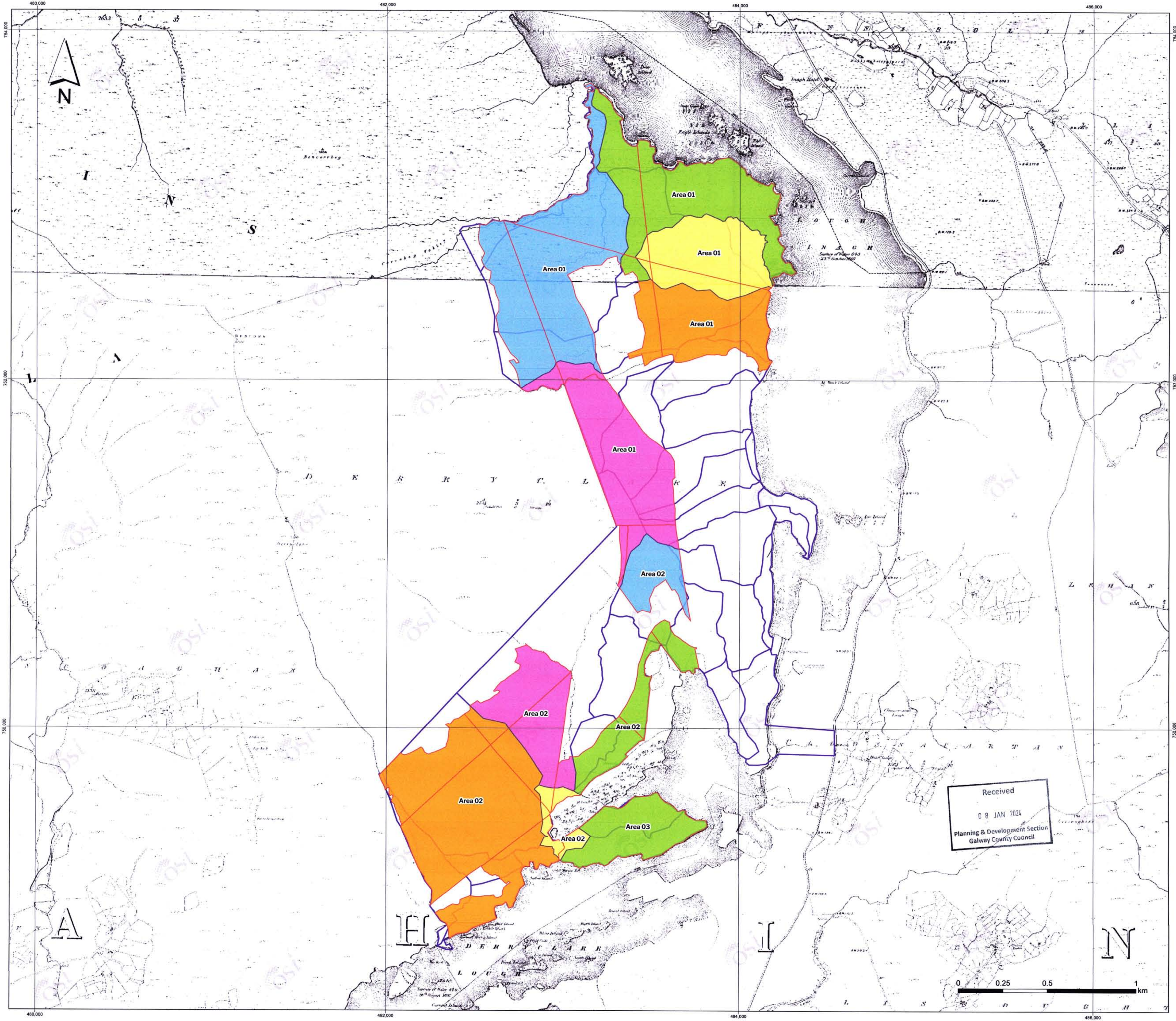
Derryclare Wild Western Peatlands

Project No. 210603 Drawing No. 01 Scale 1:10,000

Drawn By TS Checked By TB Date 08/01/2024



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Legend

Compartment

SubCatchments

Restoration Implementation Date (by Sub-Catchment)

- 2024 - 2026
- 2025 - 2027
- 2026 - 2028
- 2027 - 2029
- 2028 - 2030

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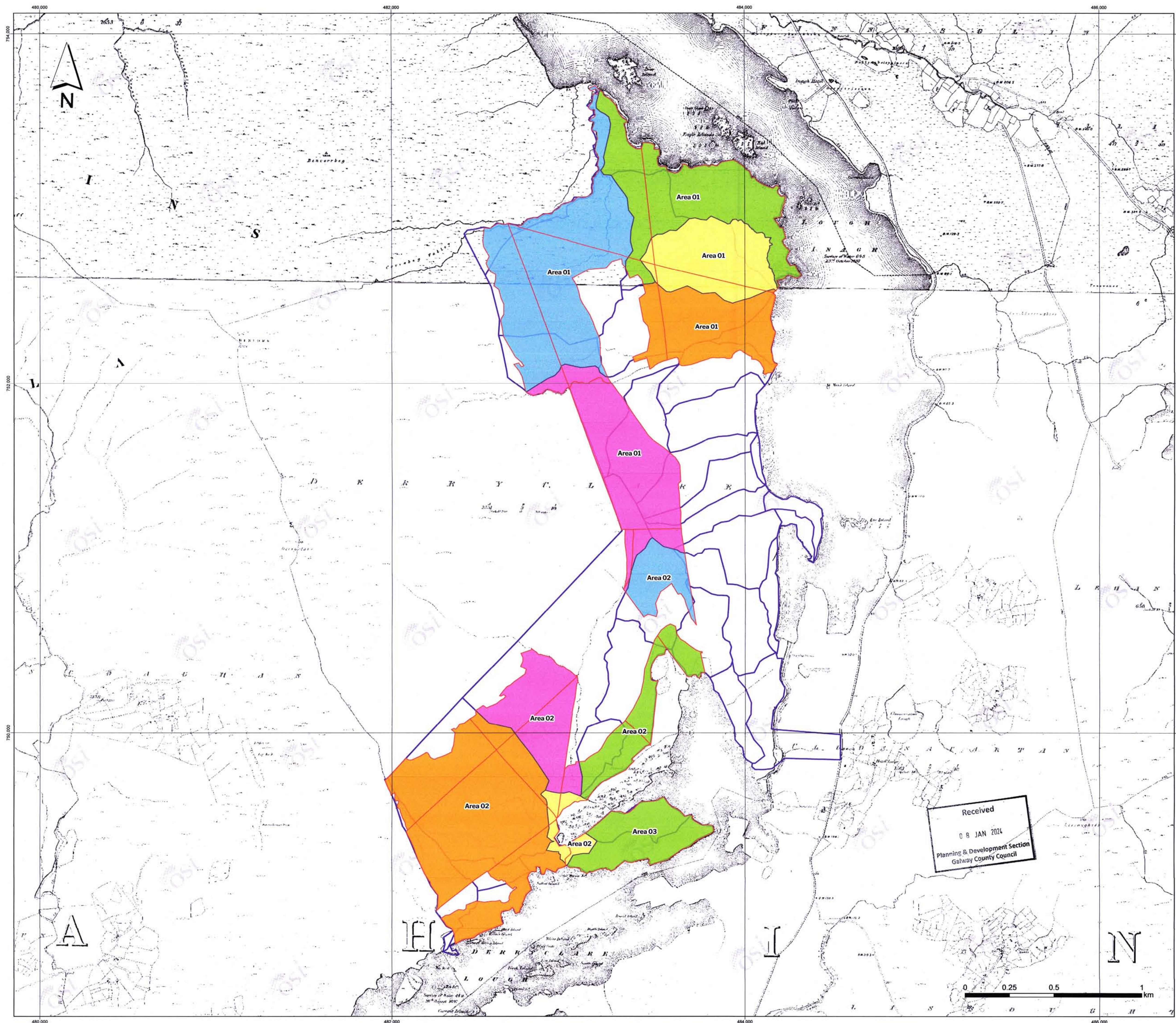
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Datum: BREN195
Projection: Transverse Mercator

Drawing Title:
Indicative Restoration Phasing Map - Overview

Project Title:
Derrycare Wild Western Peatlands

Project No. 210603	Drawing No. 01	Scale 1:10,000
Drawn By TS	Checked By TB	Date 08/01/2024

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Website: www.mkofireland.ie



Legend

Compartment

☐ SubCatchments

Restoration Phasing (by Sub-Catchment)

2024 - 2026

2025 - 2027

2026 - 2028

	2027 - 2029
--	-------------

2028 - 2030

Spatial Reference
Name: IREN95 Irish Transverse Mercator
PCS: IREN95 Irish Transverse Mercator

GCS: GCS IRENET95
Datum: IRENET95
Projection: Transverse Mercator

Drawing Title

Indicative Restoration Phasing Map

Project Title	
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Derryclare Wild Western Peatlands

Project No.

210603

Drawing No.	
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01

Scale

1:10,000

Drawn By

TS

Checked By	
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TB

Date _____

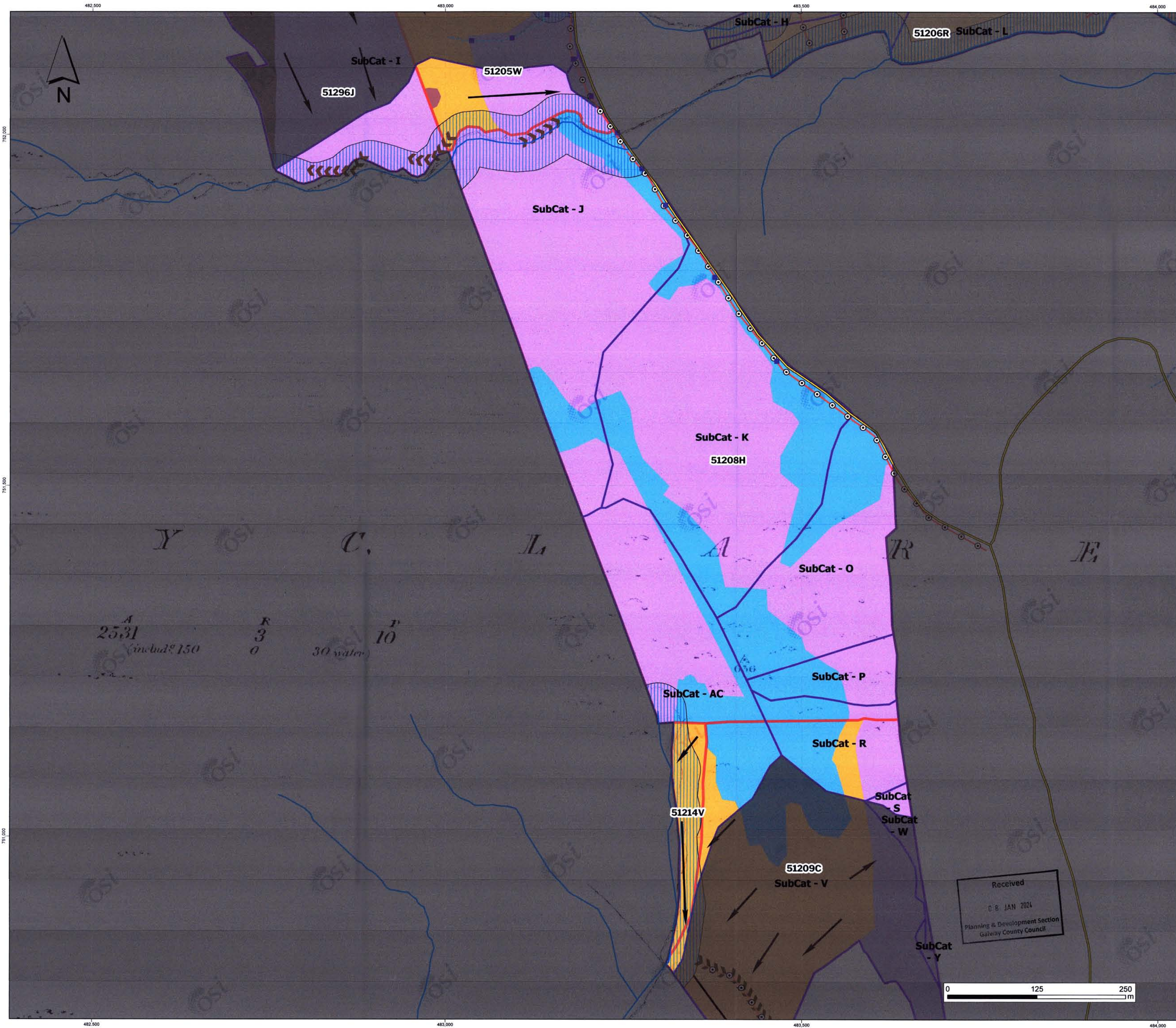
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Legend

- Dam/ Fill Points
 - Silt Traps
 - Existing Forest Road
 - Planned Floating Forest Road
 - EPA Stream (natural drainage)
 - Relevant Watercourses (natural drainage)
 - Interceptor Drains (forestry drainage)
 - Silt Curtains
 - Plough Drain Direction (forestry drainage)
 - Mound Drain Direction
 - ▨ Natural Water Course Buffer Zone (30m/ 40m)
 - ▨ Proposed Lake Buffer Zone (40m)
 - ▭ SubCatchments
 - ▭ Compartment
- Restoration Option
- 0
 - 1
 - 14
 - 16
 - 17
 - 19
 - 21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/ dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
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21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference:
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Projection: Transverse Mercator

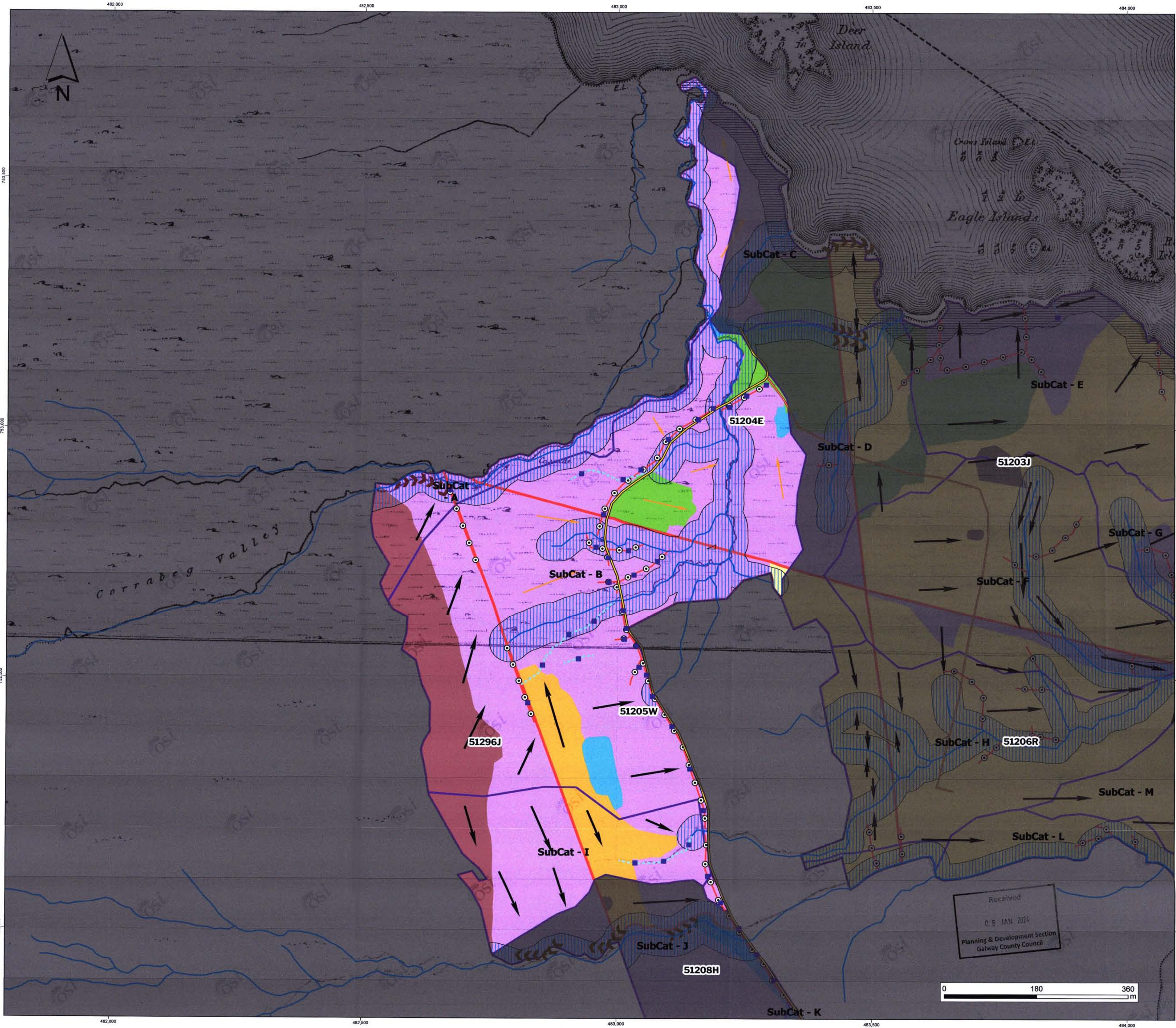
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Restoration Implementation Plan (Area 01: 2024 - 2026)

Project Title
Derryclare Wild Western Peatlands

Project No. 210603	Drawing No. 01	Scale 1:2,500
Drawn By TS	Checked By TB	Date 08/01/2024



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Website: www.mkofireland.ie



Legend

- Dam/ Fill Points
 - Silt Traps
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 - ▭ SubCatchments
 - ▭ Compartment
- Restoration Option**
- 0
 - 1
 - 14
 - 16
 - 17
 - 19
 - 21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/ dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
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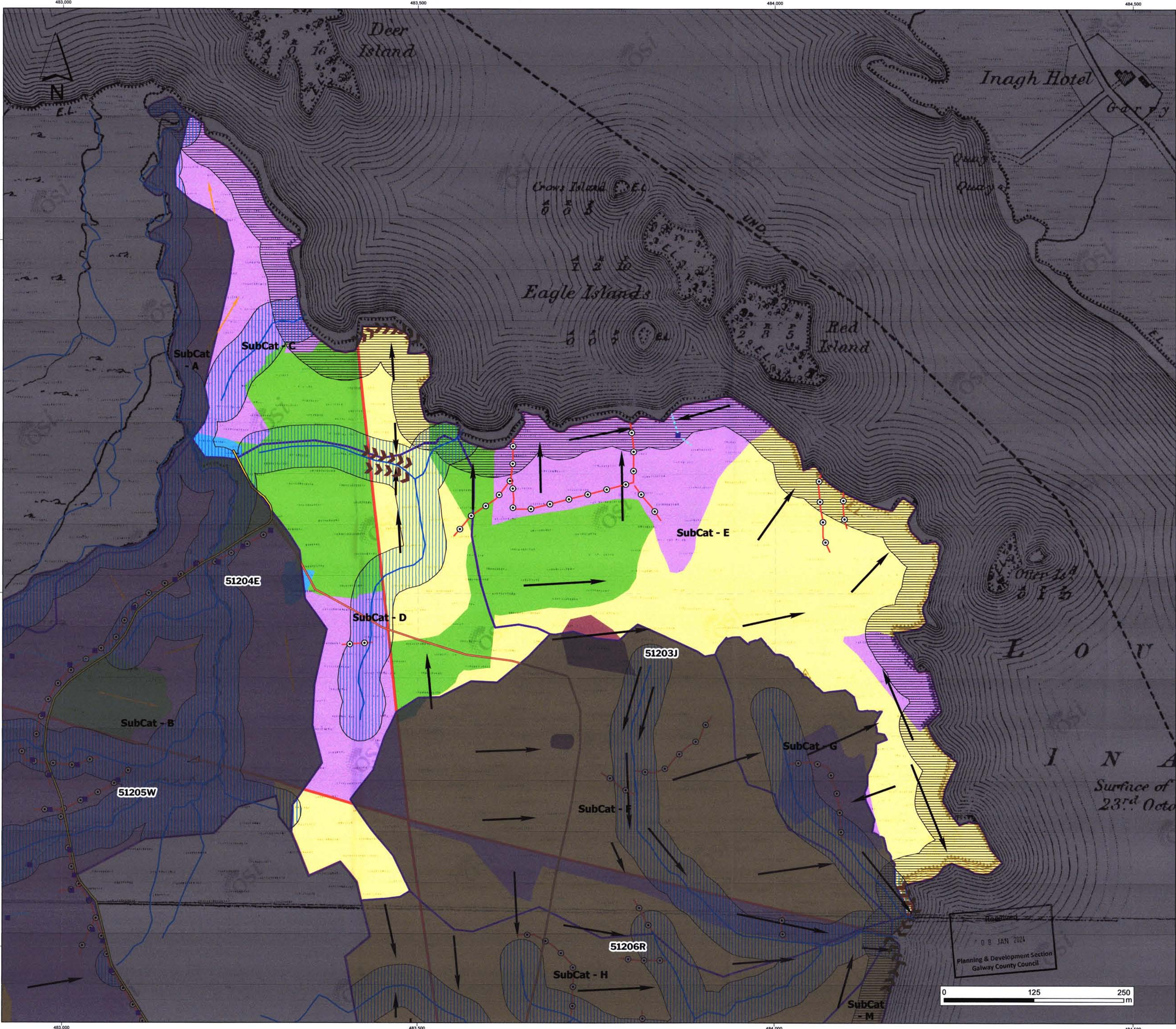
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Projection: Transverse Mercator

Restoration Implementation Plan (Area 01: 2025 - 2027)

Derryclare Wild Western Peatlands		
Project No.	Drawing No.	Scale
210603	01	1:3,500
Drawn By	Checked By	Date
TS	TB	08/01/2024



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Legend

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 - ▨ SubCatchments
 - ▨ Compartment
- Restoration Option
- 0
 - 1
 - 14
 - 16
 - 17
 - 19
 - 21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
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19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

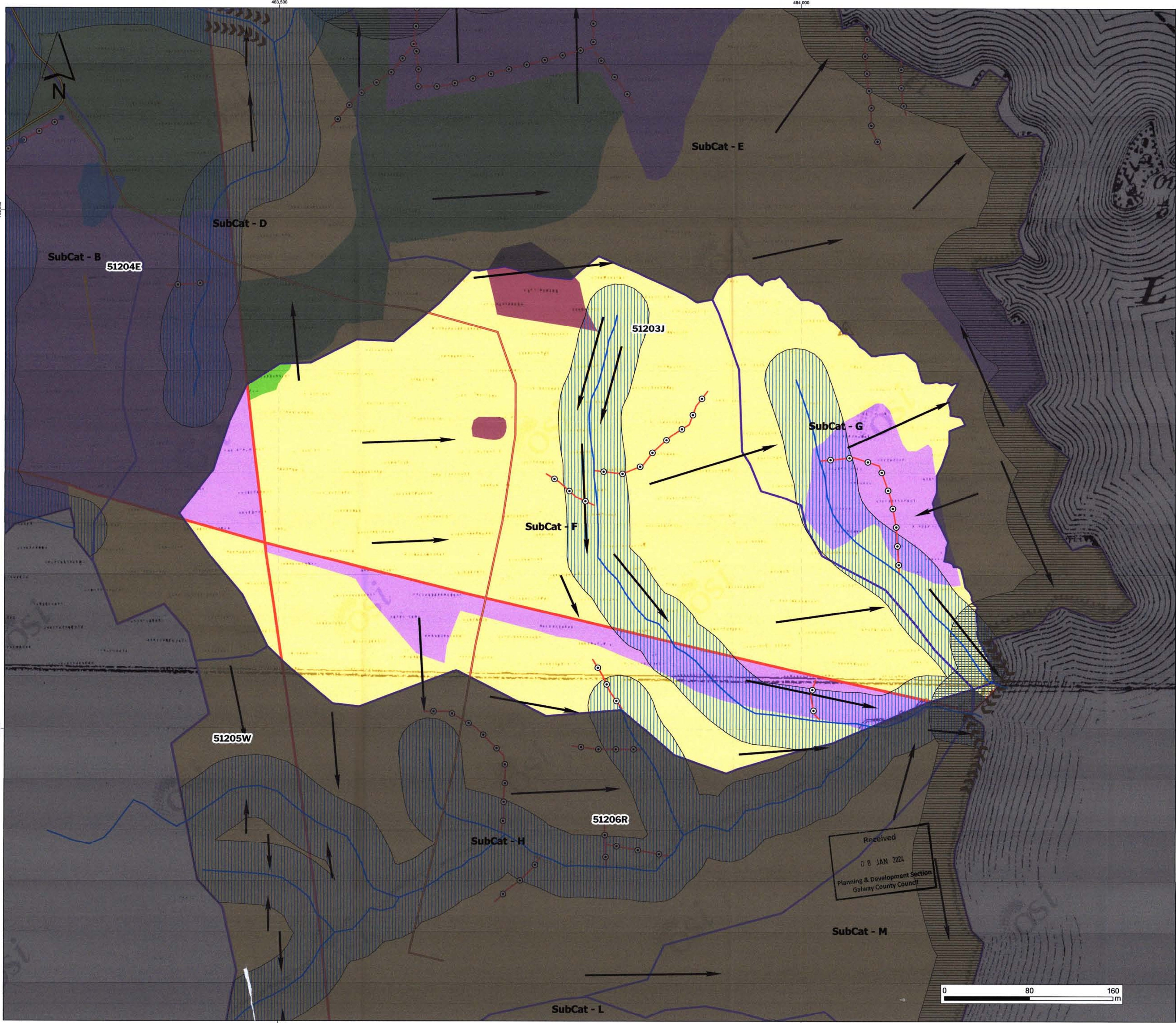
Spatial Reference: Name: IRENET95 Irish Transverse Mercator PCS: IRENET95 Irish Transverse Mercator GCS: GCS IRENET95 Datum: IRENET95 Projection: Transverse Mercator

Drawing Title: **Restoration Implementation Plan (Area 01: 2026 - 2028)**

Project Title: Derryclare Wild Western Peatlands		
Project No. 210603	Drawing No. 01	Scale 1:2,500
Drawn By TS	Checked By TB	Date 08/01/2024



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Legend

- Dam/ Fill Points
 - Silt Traps
 - Existing Forest Road
 - Planned Floating Forest Road
 - EPA Stream (natural drainage)
 - Relevant Watercourses (natural drainage)
 - Interceptor Drains (forestry drainage)
 - Silt Curtains
 - Plough Drain Direction (forestry drainage)
 - Mound Drain Direction
 - Natural Water Course Buffer Zone (30m/ 40m)
 - Proposed Lake Buffer Zone (40m)
 - SubCatchments
 - Compartment
- Restoration Option
- 0
 - 1
 - 14
 - 16
 - 17
 - 19
 - 21

Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/ dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference:
Name: IRENET95 Irish Transverse Mercator
PCS: IRENET95 Irish Transverse Mercator

GCS: GCS IRENET95
Datum: IRENET95
Projection: Transverse Mercator

Drawing Title:

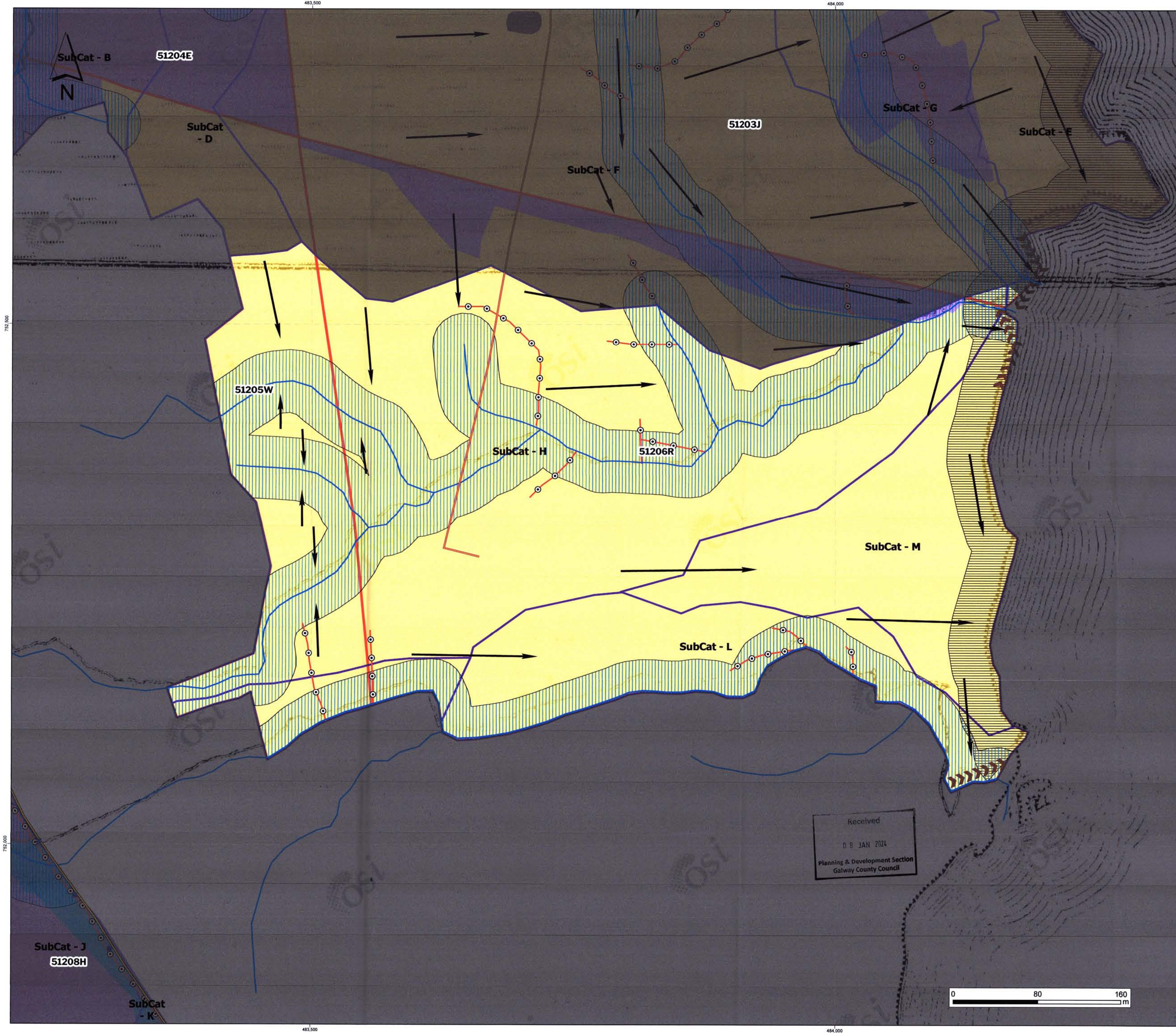
Restoration Implementation Plan (Area 01: 2027 - 2029)

Derryclare Wild Western Peatlands		
Project No.	Drawing No.	Scale
210603	01	11,700
Drawn By	Checked By	Date
TS	TB	08/01/2024



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Legend

- Dam/ Fill Points
- Silt Traps
- Existing Forest Road
- Planned Floating Forest Road
- EPA Stream (natural drainage)
- Relevant Watercourses (natural drainage)
- Interceptor Drains (forestry drainage)
- Silt Curtains
- Plough Drain Direction (forestry drainage)
- Mound Drain Direction
- Natural Water Course Buffer Zone (30m/ 40m)
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- SubCatchments
- Compartment

Restoration Option

0
1
14
16
17
19
21

Buffer zone management:

Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
14	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow
16	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & bucket
17	Harvest trees, remove brash from buffers, windrow & scrap mound (replanting option)
19	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & grind stumps
21	Harvest trees, fill in interceptor drains, remove brash from the buffers, windrow, surface smooth with excavator & stump flipping

Spatial Reference

Name: BREN195 Irish Transverse Mercator
PCS: BREN195 Irish Transverse Mercator

GCS: GCS_BREN195

Datum: BREN195
Projection: Transverse Mercator

Drawing Title:

Restoration Implementation Plan (Area 01: 2028 - 2030)

Project Title

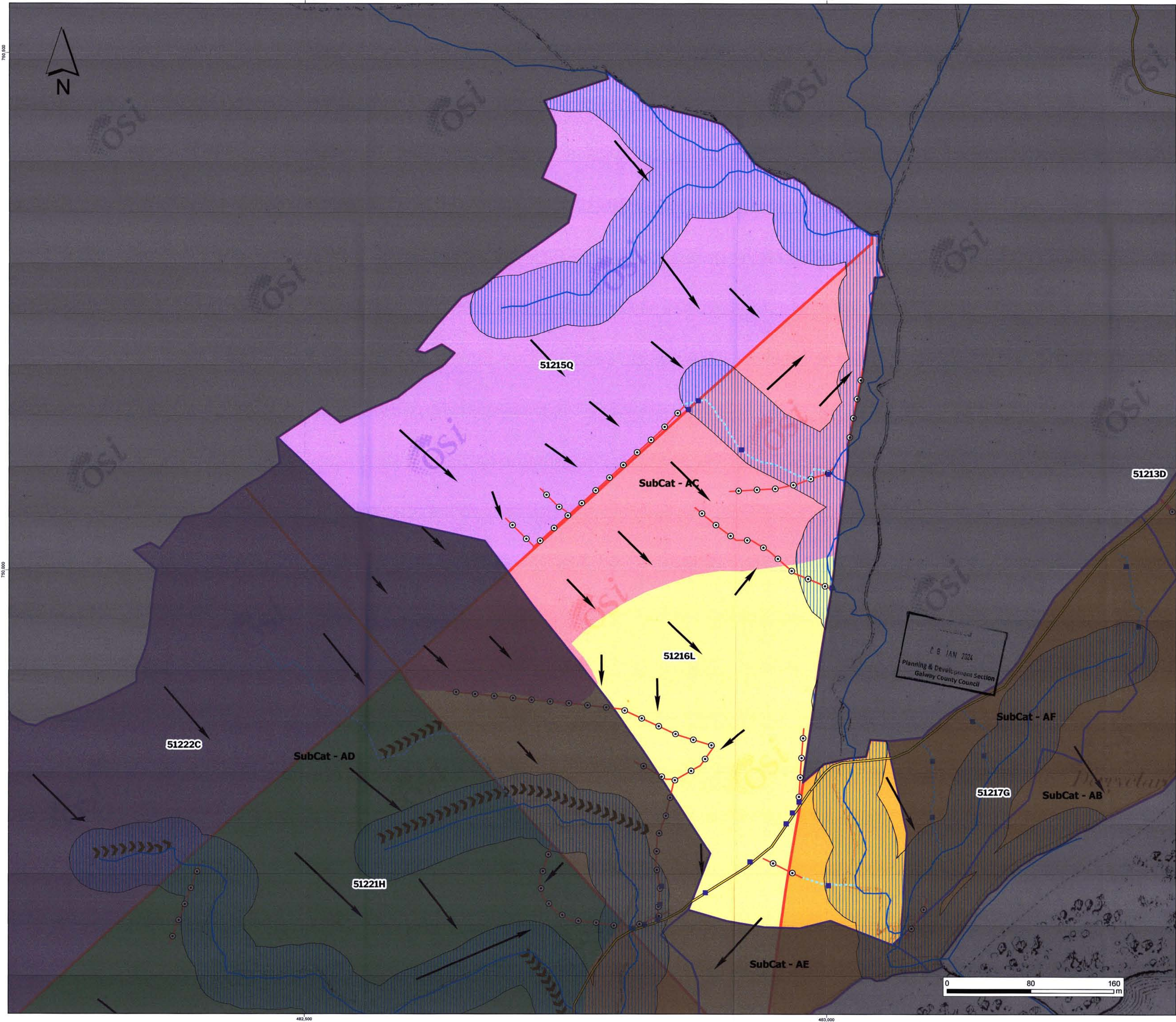
Derryclare Wild Western Peatlands

Project No.	Drawing No.	Scale
210603	01	1:1,700
Drawn By	Checked By	Date
TS	TB	08/01/2024

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Website: www.mkofireland.ie



Legend

- Dam/ Fill Points
- Silt Traps
- Existing Forest Road
- Planned Floating Forest Road
- EPA Stream (natural drainage)
- - - Relevant Watercourses (natural drainage)
- Interceptor Drains (forestry drainage)
- »»» Silt Curtains
- ➔ Plough Drain Direction (forestry drainage)
- ➔ Mound Drain Direction
- ▨ Natural Water Course Buffer Zone (30m/ 40m)
- ▨ Proposed Lake Buffer Zone (40m)
- ▭ SubCatchments
- ▭ Compartment
- Restoration Option**
 - 0
 - 1
 - 14
 - 16
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Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

Restoration Option	
Code	Description
0	No restoration required (unplanted)
1	Harvest trees, block interceptor drains
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Spatial Reference
Name: BREN195 Irish Transverse Mercator
Datum: BREN195
PCS: BREN195 Irish Transverse Mercator
GCS: GCS_BREN195
Datum: BREN195
Projection: Transverse Mercator

Drawing Title
Restoration Implementation Plan (Area 02: 2024 - 2026)

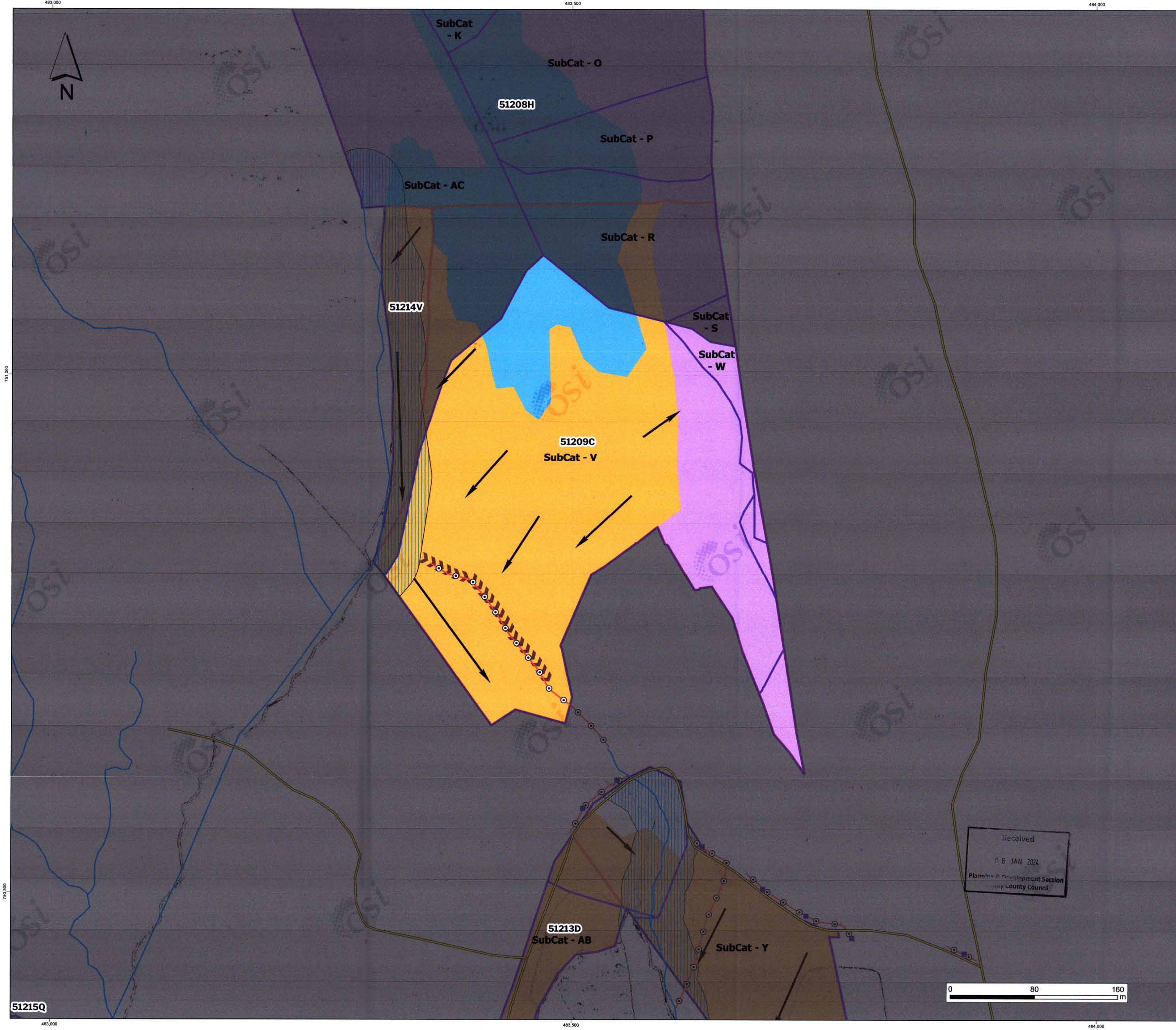
Project Title
Derryclare Wild Western Peatlands

Project No. 210603	Drawing No. 01	Scale 1:1,700
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Drawn By TS	Checked By TB	Date 08/01/2024
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Legend

- Dam/ Fill Points
- Silt Traps
- Existing Forest Road
- Planned Floating Forest Road
- EPA Stream (natural drainage)
- Relevant Watercourses (natural drainage)
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- Mound Drain Direction
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Buffer zone management:
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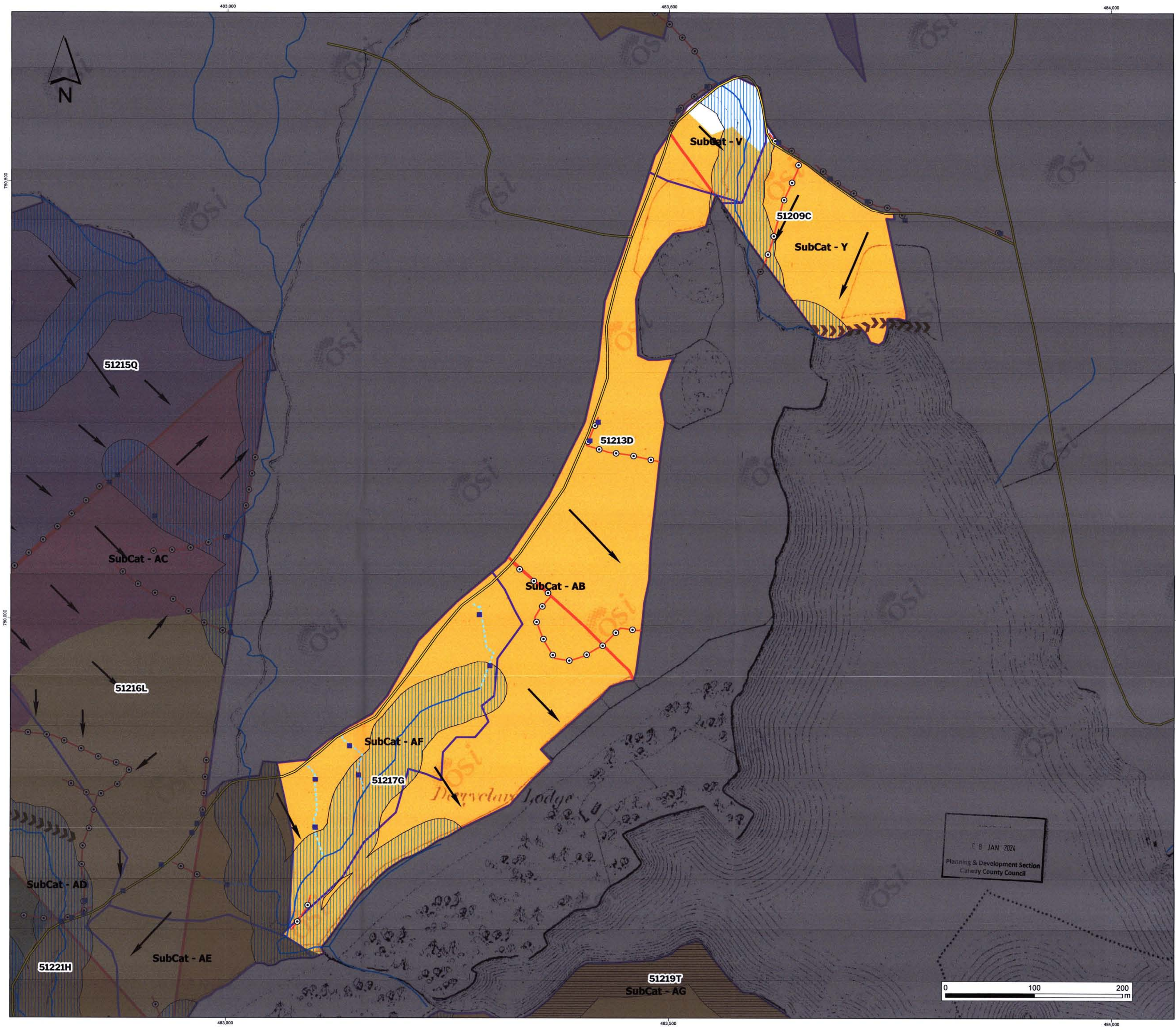
Spatial Reference
Name: IRENET95 Irish Transverse Mercator
PCS: IRENET95 Irish Transverse Mercator
Datum: IRENET95
Projection: Transverse Mercator

Drawing Title
Restoration Implementation Plan (Area 02: 2025 - 2027)

Project Title
Derryclare Wild Western Peatlands

Project No. 210603	Drawing No. 01	Scale 1:1,700
Drawn By TS	Checked By TB	Date 08/01/2024

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Website: www.mkofireland.ie



Legend

Dam/ Fill Points

Silt Traps

Existing Forest Road

Planned Floating Forest Road

EPA Stream (natural drainage)

Relevant Watercourses (natural drainage)

Interceptor Drains (forestry drainage)

Silt Curtains

Plough Drain Direction (forestry drainage)

Mound Drain Direction

Natural Water Course Buffer Zone (30m/ 40m)

Proposed Lake Buffer Zone (40m)

SubCatchments

Compartment

Restoration Option

0

1

14

16

17

19

21

Buffer zone management:
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Spatial Reference

Name: IRENET95 Irish Transverse Mercator

PCS: IRENET95 Irish Transverse Mercator

CRS: GCS IRENET95

Datum: IRENET95

Projection: Transverse Mercator

Drawing Title

Restoration Implementation Plan (Area 02: 2026 - 2028)

Project Title

Derryclare Wild Western Peatlands

Project No.	Drawing No.	Scale
210603	01	1:2,000
Drawn By	Checked By	Date
TS	TB	08/01/2024

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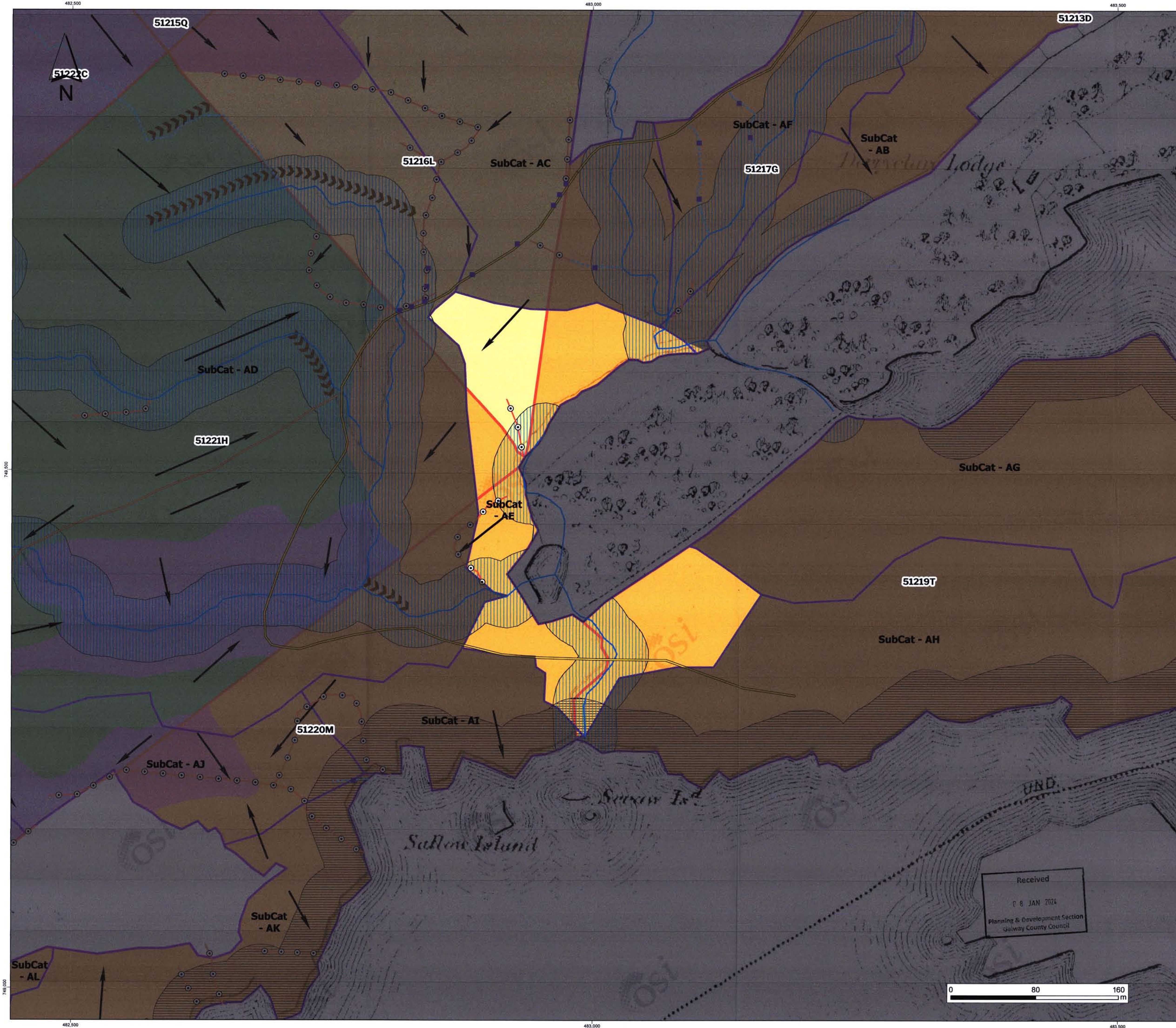
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Legend

- Dam/ Fill Points
- Silt Traps
- Existing Forest Road
- Planned Floating Forest Road
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Restoration Option

0	
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Spatial Reference

Name: IRENET95 Irish Transverse Mercator

PCS: IRENET95 Irish Transverse Mercator

GCS: GCS IRENET95

Datum: IRENET95

Projection: Transverse Mercator

Drawing Title

Restoration Implementation Plan (Area 02: 2027 - 2029)

Project Title

Derryclare Wild Western Peatlands

Project No.

210603

Drawing No.

01

Scale

1:1,700

Drawn By

TS

Checked By

TB

Date

08/01/2024

Received

08 JAN 2024

Planning & Development Section

Galway County Council

MKO

Planning and Environmental Consultants

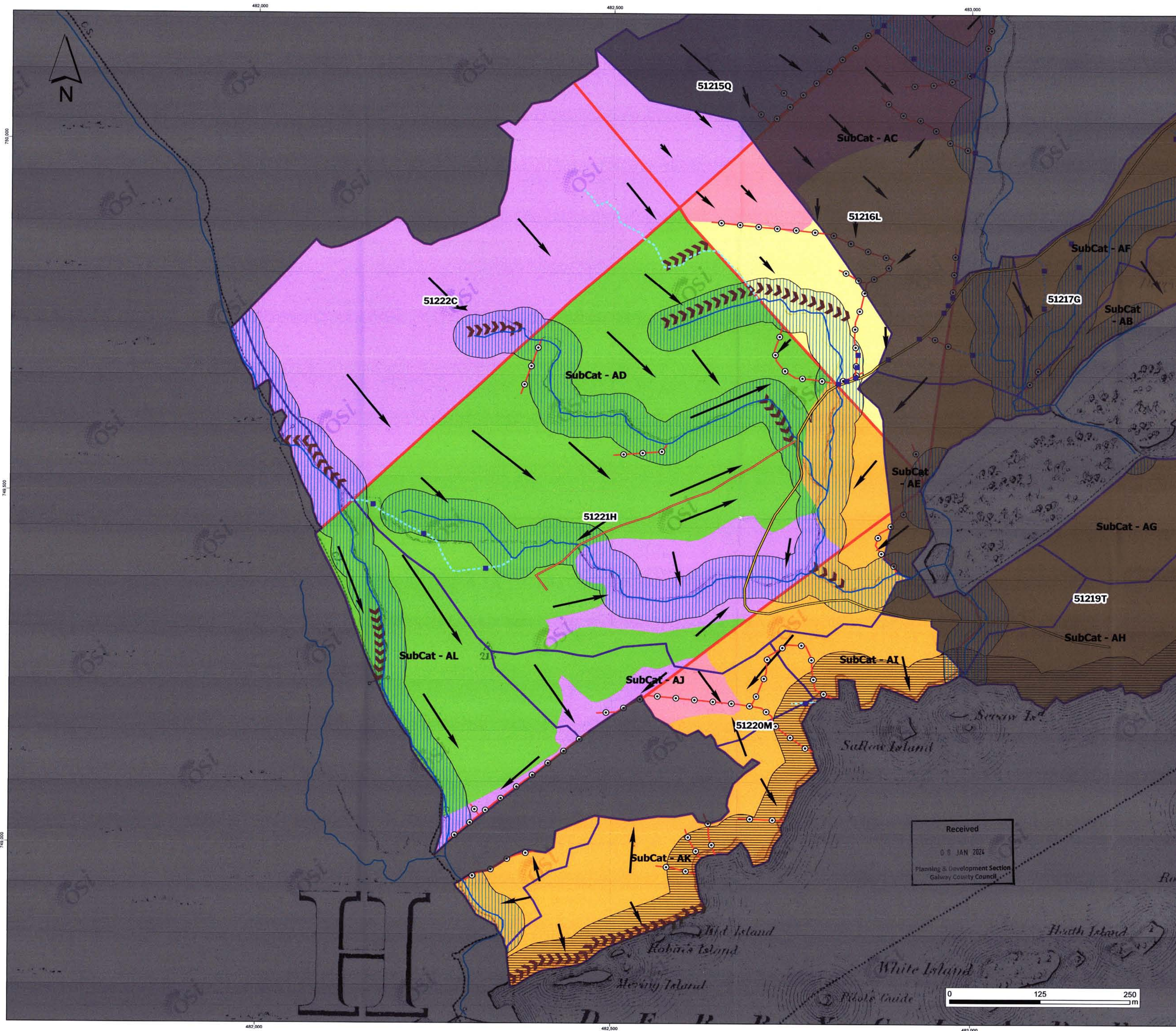
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Website: www.mkofireland.ie



Legend

- Dam/ Fill Points
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- Restoration Option
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Spatial Reference:
Name: BRENTRY Irish Transverse Mercator
PCS: BRENTRY Irish Transverse Mercator

GCS: GCS BRENTRY
Datum: BRENTRY
Projection: Transverse Mercator

Drawing Title

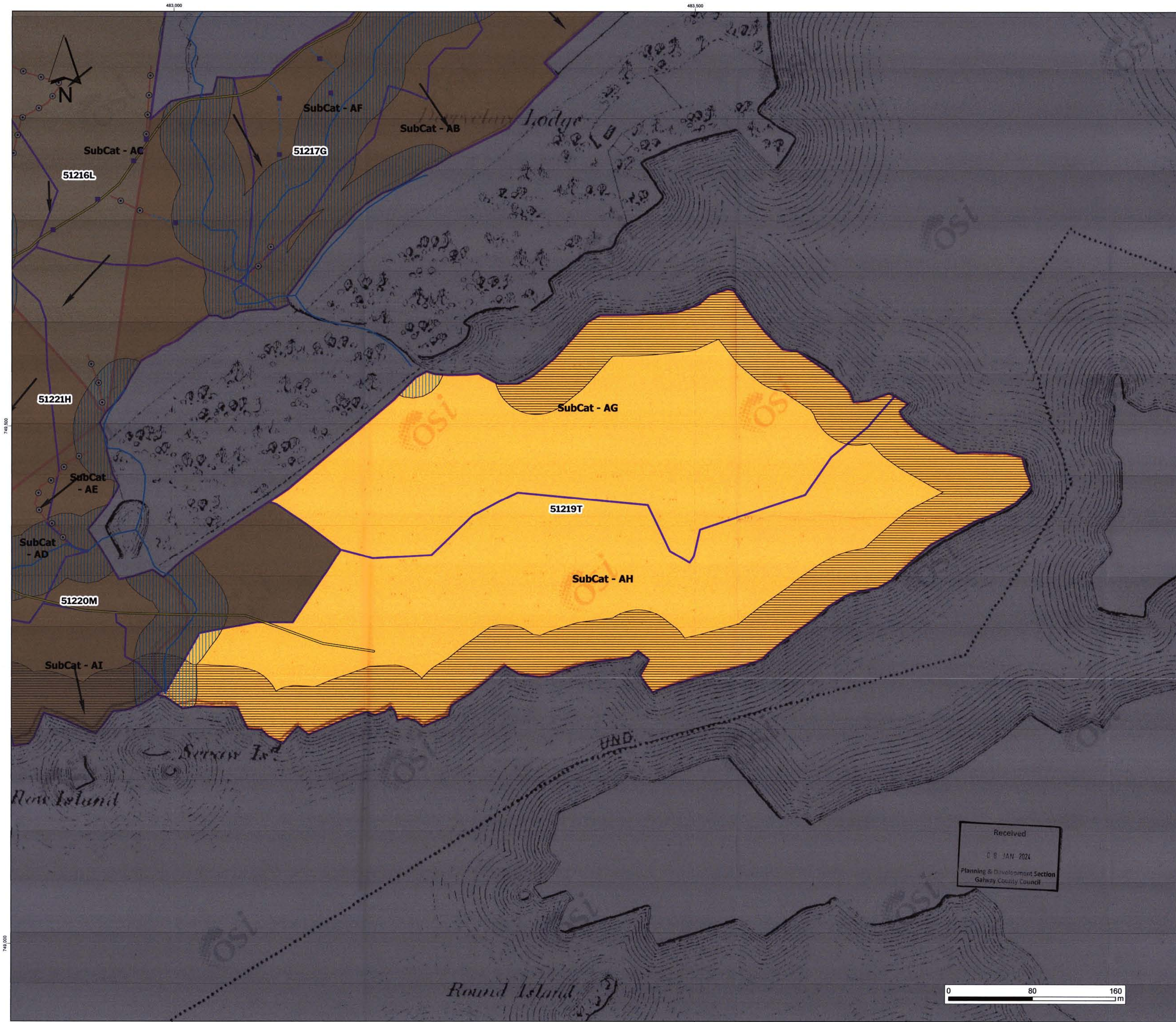
Restoration Implementation Plan (Area 02: 2028 - 2030)

Derryclare Wild Western Peatlands		
Project No.	Drawing No.	Scale
210603	01	1:2,500
Drawn by	Checked by	Date
TS	TB	08/01/2024



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Legend

- Dam/ Fill Points
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- Proposed Lake Buffer Zone (40m)
- SubCatchments
- Compartment

Restoration Option

0	1	14	16	17	19	21
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Buffer zone management:
Fell trees, remove brash, strategically place series of silt traps/ dams/silt curtains on the plough drains, relevant watercourses, interceptor drains and roadside drains.

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Spatial Reference:
Name: IRENET95 Irish Transverse Mercator
PCS: IRENET95 Irish Transverse Mercator

GCS: GCS IRENET95
Datum: IRENET95
Projection: Transverse Mercator

Drawing Title
Restoration Implementation Plan (Area 03: 2026 - 2028)

Project Title
Derryclare Wild Western Peatlands

Project No. 210603	Drawing No. 01	Scale 1:1,700
Drawn By TS	Checked By TB	Date 08/01/2024

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