



ENERCO ENERGY LTD
LISSARDA BUSINESS PARK
LISSARDA
CO CORK

21/02/2019

TFL00253118

Dear Enerco Energy Ltd,

I refer to your application for a Tree Felling Licence and I am pleased to enclose same.

If you wish to appeal this decision/any condition of the licence, you may do so in writing within 28 days of the date of this letter, to the **Forestry Appeals Committee, Kilminchy Court, Portlaoise, Co. Laois (Lo-call 076 1064418 or 057 8631900)**. You are required to set out the grounds of your appeal and should include a statement of the facts and contentions upon which you intend to rely, enclosing any supporting documentary evidence you wish to have considered by the Appeals Committee.

Please note that under the Forestry Act 2014, FELLING OPERATIONS MUST NOT COMMENCE UNTIL AT LEAST 28 DAYS HAVE ELAPSED AFTER THE DATE OF SIGNATURE OF THIS LICENCE to allow for receipt of any appeal (from any party) by the Forestry Appeals Committee in relation to the granting of this licence.

Inspections of the plantation will be arranged at a later date to check on the utilisation of the licence.

Yours sincerely,

Brigid Kavanagh

Felling Section, Forest Service
DAFM, Johnstown Castle Estate
Co. Wexford
076 1064459

**AN ROINN TALMHAÍOCHTA, BIA AGUS MARA
DEPARTMENT OF AGRICULTURE, FOOD AND THE MARINE**

FORESTRY ACT 2014 - TREE FELLING LICENCE

Pursuant to the powers vested in him under the Forestry Act 2014, the Minister for Agriculture, Food and the Marine hereby grants to the person specified in Schedule 1 (hereafter referred to as the Licensee) a licence authorising the felling of trees as specified in Schedule 2 subject to any conditions specified in any part of this licence.

This licence confers no title to the ownership of any land or trees specified herein. Where the licensee is not the owner of the land to which the licence relates, the conditions specified in the licence are binding on the owner of the land.

The authority granted under this licence does not remove the obligation on the licensee to abide by and fulfil the requirements of any other legislation.

During the period of the licence, the licence shall be for the benefit of the land and any owner thereof. (Under the Forestry Act 2014, "owner" is defined as "in relation to trees or a forest, means (a) the freehold owner, (b) the leasehold owner (if any), or (c) the occupier for the time being, of the lands concerned and includes Coillte Teoranta".)

Where the Licensee is not the owner as defined in the Forestry Act 2014, any conditions attached to this licence shall be binding on the owner.

Where an unexpired felling licence exists for any part of lands delineated in this Tree Felling Licence, it is important to note that this Tree Felling Licence will take precedence over the same areas delineated in the earlier licence.

The authority conferred by this licence will be exercisable for a period of 2 years from this date unless it is terminated by the Minister before the expiration of this period.

Signed on behalf of the Minister for Agriculture,
Food and the Marine



Date:

21/02/19

SCHEDULE 1: Licensee

Name of Licensee	Address of Licensee	Felling Licence Owner Number (FLO)	Company Registration Office Number (CRO No.)
ENERCO ENERGY LTD	LISSARDA BUSINESS PARK, LISSARDA, CO CORK,	FLO00132	

SCHEDULE 2 : Details of felling operations authorised under this licence and conditions attached to this licence

1. The authority conferred by this licence is to fell the tree species that are specified in Table 1 of this Schedule and are located within the boundaries of the land parcels listed in Table 1 which are delineated on the attached ortho-photograph(s).
2. The land parcel numbers listed in Table 1 of this Schedule identify the land parcels delineated on the attached ortho-photograph(s). (NOTE:- Only the last 3 digits of the parcel identity number are displayed on the map, for example, the number 12345678 in the table will appear on the maps as 678).
3. The authority conferred by this licence is to fell trees of the species shown in Table 1 within the associated land parcel.
4. It is a condition of this licence that, within the boundary of each land parcel, any tree felling carried out under the authority conferred by the licence must be in accordance with the specification for the Harvest Type associated with the land parcel in Table 1 of this Schedule. Schedule 4 provides the specification for each Harvest Type which must be adhered to.
5. It is a condition of this licence, to be known as the Replanting Condition, that each land parcel must be replanted in accordance with the replanting requirement for each Harvest Type. Schedule 3 lists the specific details of the replanting required under the Replanting Condition. Where the Minister through the authority granted under this licence is consenting to deforestation or to the permanent removal of single trees within any land parcel that is the subject of this licence but the Minister requires planting of an alternative site, the Replanting Condition shall be replaced with a condition called Alternative Planting Condition. In such circumstances, the Alternative Planting Conditions will be specified in this Schedule with the other conditions attached to this licence and it shall specify the requirements for the alternative site. (Deforestation takes the meaning defined in the Forestry Act 2014.)

Table 1

Information submitted by the licensee					
Plot No.	Area (ha) applied for by the licensee	Species	Harvest Type	Harvest Year	Land Parcel Number
1	0.06	Common alder	Clearfell	2019	48375999
2	0.54	Sitka spruce	Clearfell	2019	48376007
3	0.1	Sitka spruce	Clearfell	2019	48345679
4	0.01	Sitka spruce	Clearfell	2019	48345671
5	0.03	Sitka spruce	Clearfell	2019	48345654
6	0.15	Sitka spruce	Clearfell	2019	48345652
7	0.12	Sitka spruce	Clearfell	2019	48345650
8	0.12	Sitka spruce	Clearfell	2019	48345648
9	0.03	Sitka spruce	Clearfell	2019	48345569
10	0.23	Sitka spruce	Clearfell	2019	48345540
11	0.03	Beech	Clearfell	2019	48345506
12	0.04	Beech	Clearfell	2019	48345469
13	0.04	Sitka spruce	Clearfell	2019	48345435
14	0.42	Sitka spruce	Clearfell	2019	48345386
15	0.02	Sitka spruce	Clearfell	2019	48345308
16	0.05	Sitka spruce	Clearfell	2019	48345303
17	0.02	Sitka spruce	Clearfell	2019	48345287
18	0.02	Sitka spruce	Clearfell	2019	48345193
19	0.07	Sitka spruce	Clearfell	2019	48344790
20	0.07	Sitka spruce	Clearfell	2019	48344755
21	0.02	Sitka spruce	Clearfell	2019	48344726
22	0.16	Sitka spruce	Clearfell	2019	48344703
23	2.14	Sitka spruce	Clearfell	2019	48344660
24	0.08	Sitka spruce	Clearfell	2019	48344482

Other conditions attached to this licence

- (a) The licensee shall ensure that all felling and planting operations are carried out in accordance with Forestry and Water Quality, Forest Biodiversity, Forest Harvesting and the Environment, Forestry and Archaeology, Forestry and the Landscape and Forestry and Aerial Fertilisation guidelines and the Code of Best Forest Practice - Ireland and the Irish National Forest Standard published by the Department.
- (b) The licensee shall treat all conifer stumps with urea immediately upon tree felling where the soil type is mineral soil or where a peat soil is less than 25cm (excluding the litter layer). Treatment is not required where a conifer stand is being replanted with broadleaves, where the conifer nurse in a broadleaf stand is being removed or where broadleaves make up greater than 85 % of the stand. The correct solution mixing rate is 1kg of fertiliser grade urea, 5 litres of water and one bottle of dye. Urea should not be applied to stumps within the buffer zones required by the Forestry and Water Quality Guidelines nor by the Forestry and Freshwater Pearl Mussel Requirements. Treating stumps with urea will help prevent infection by butt rot (*Heterobasidion annosum*).
- (c) The licensee shall, until the expiration of eleven years from the date on which the authority conferred by the licence ceases to be exercisable or ten years from the date of planting, whichever is the later, preserve, in accordance with good forest practice, the trees planted as instructed in Schedule 3 and shall for that purpose maintain in good repair and effective condition all fences and other protection necessary to protect such trees from being injured or destroyed by the trespass of any animals.
- (d) All aerial fertilisation of restocking sites requires the prior written approval of this Department.
- (e) The public road network and associated roadside drainage must not be adversely affected whilst carrying out felling operations. The applicant may be held liable for any damage caused to a public road as a result of works and/or haulage operations associated with utilisation of this licence under the Roads Act 1993, Section 13(10)(a).
- (f) FELLING OPERATIONS MUST NOT COMMENCE UNTIL AT LEAST 28 DAYS HAVE ELAPSED AFTER THE DATE OF SIGNATURE OF THIS LICENCE to allow for receipt of any appeals (from any party) by the Forestry Appeals Committee in relation to the granting of this licence.
- (g) The enclosed Site Notice must be completed and erected in accordance with the Directions provided.
- (h)
- Harvest in dry weather only.
- (i) Archaeological Conditions:-
Whilst the areas proposed for felling do not contain any Recorded Monuments per se, the access route to a number of the plots is adjacent to a Recorded Monument; a Ringfort ġ Rath (CO069-050).
The area demarcated in yellow around the site of this Recorded Monument should be treated as an operational exclusion zone and avoided during works, vehicular access and egress, storage and refueling etc.
Additionally, as per Condition No. 36 of the Planning Permission, the applicant is required to engage the services of a suitably qualified licensed archaeologist to monitor under licence all significant groundworks associated with the development. This also applies to any destumping associated with the present felling licence.
See attached report and illustrative map for further details.

SCHEDULE 3 : Replanting

1. Under the Replanting Condition the licensee is obliged to plant trees (of species in numbers and stocking rate and by “type of planting”) within the boundaries of the land parcels listed in Table 2
2. The land parcels listed in Table 2 identify the land parcels delineated on the attached map(s) and ortho-photograph(s). (Note:- Only the last 3 digits of the parcel ID number are displayed on the maps, e.g. the number 12345678 in the table will appear on the map as 678.)
3. Under the authority conferred by this licence, the licensee must carry out replanting as outlined in Table 2 below, within a period of two years following each felling operation.
4. Replanting must be in accordance with the general practice of good forestry and to the satisfaction of the Minister.
5. Where an Alternative Planting Condition is attached to this licence, this condition will be listed in Schedule 2.

Table 2

Plot No.	Area (ha) applied for by the Licensee	Minimum No. of trees to be planted	Species	Restock Species Canopy %	Reforestation Objective	Land Parcel Number
As per CN81604 & CN81605						

SCHEDULE 4

Harvest Type	Harvest Type Description
Clearfell	The felling of all trees within the boundaries of the relevant land parcel or any subset of that land parcel. It is a condition attached to this licence and this Harvest Type that the area felled be replanted as specified in schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.
Thinning	The felling of a portion of trees within the boundaries of the relevant land parcel or any subset of that land parcel to promote the growth and greater value of the remaining trees. Thinning is defined in the Forestry Act 2014 as <i>"the removal from a forest in accordance with good forest practice of excess or diseased trees, or trees of poor quality in order to improve the growth, health and value of the remaining trees"</i> .
Tending	Within the boundaries of the relevant land parcel or any subset of that land parcel, the felling of trees in the early stages of forest development to promote growth of the remaining trees. This Harvest Type is thinning as defined in the Forestry Act 2014, which is <i>"the removal from a forest in accordance with good forest practice of excess or diseased trees, or trees of poor quality in order to improve the growth, health and value of the remaining trees"</i> .
Continuous Cover Forestry	The felling of trees within the boundaries of the relevant land parcel or any subset of that land parcel to promote the natural regeneration of young trees. It is a condition of this licence that such natural regeneration must be managed in the manner specified in the Forest Management Plan submitted by the licensee and accepted by the Minister as part of the application for the licence. Such management may require planting trees where natural regeneration has not successfully achieved the required minimum stocking levels. The authority conferred under this licence is to fell no more than the number of trees specified for felling in the Forest Management Plan that has been accepted by the Minister.
Windblow	The clear felling of trees within the boundaries of the relevant forest land parcel or any subset of that land parcel following wind or storm damage. It is a condition attached to this licence and this Harvest Type that the area felled be replanted as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence
Open space	The felling of all trees within the boundaries of the relevant land parcel in order, for example, to create an aquatic buffer zone.
Single Trees	The felling of individual or isolated trees within the boundaries of the relevant land parcel. It is a condition attached to this licence and this Harvest Type that replanting within the boundaries of the relevant land parcel is undertaken as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.
Line of Trees	The felling of a line of trees (for example in a hedgerow) within the boundaries of the relevant land parcel. It is a condition attached to this licence and this Harvest Type that replanting within the boundaries of the relevant land parcel is undertaken as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.

FELLING SITE NOTICE

I/We _____

received a licence under section 7 of the Forestry Act 2014 from the **Department of Agriculture, Food and the Marine** in respect of tree felling

At this site

Townland(s): _____

County: _____

Licence Number: _____

Harvest Type	Description	Area (ha)
Clearfell	The felling of all trees on an area with replanting afterwards.	
Thinning	The felling of a portion of trees from the canopy to promote growth and greater value in the remaining trees.	
Tending	The felling of undesirable trees in the early stages of forest development to promote growth in the remaining trees.	
Continuous Cover Forestry	The felling of a portion of trees from the canopy to promote the regeneration of young trees.	
Windblow	The felling of trees on a site following wind/storm damage with replanting afterwards.	
Open Space	The felling of trees to create small open areas within the forest, e.g. an aquatic buffer zone.	
		Number of trees
Single Trees	The felling of individual or isolated trees.	
Line of Trees	The felling of a line of trees, e.g. Hedgerow.	

Expected dates of commencement and conclusion of the tree felling

_____ TO _____

The licence may be inspected free of charge, at the offices of the Forest Service, Department of Agriculture, Food and the Marine, Johnstown Castle Estate, Co. Wexford between 09.00 and 16.00 Monday to Friday (excluding Public Holidays) or may be purchased, at a fee not exceeding the reasonable cost of doing so, by request in writing (by post or e-mail) from Felling Section, Forest Service, Department of Agriculture, Food and the Marine, Johnstown Castle Estate, Co. Wexford; e-mail felling.forests@agriculture.gov.ie

Name of Agent (if applicable): _____

Date of Erection of Notice: _____

Directions for completing the Site Notice

1. The **name of the licensee** must be stated.
2. The **location, townland(s) or postal address** to which the licence refers must be stated so as to identify the location of the site in question. Where the development extends to more than one townland, all townlands must be stated.
3. The licence number (on the top right hand corner of Page 1 of the licence must be provided).
4. A description of the **nature and extent of the tree felling** must be stated on the site notice. You must include the following in your development description -
 - (a) Harvest type: clearfell, thinning, wind blow, CCF, etc
 - (b) Extent of felling: number of trees to be felled or area (ha) of the felling site
5. The dates upon which the work will commence and end (approximate dates will suffice) must be provided.
6. If an agent was acting on the licensee's behalf details must be entered.
7. The date that the notice is **erected or fixed at the site** must be stated.

Directions for erecting the Site Notice

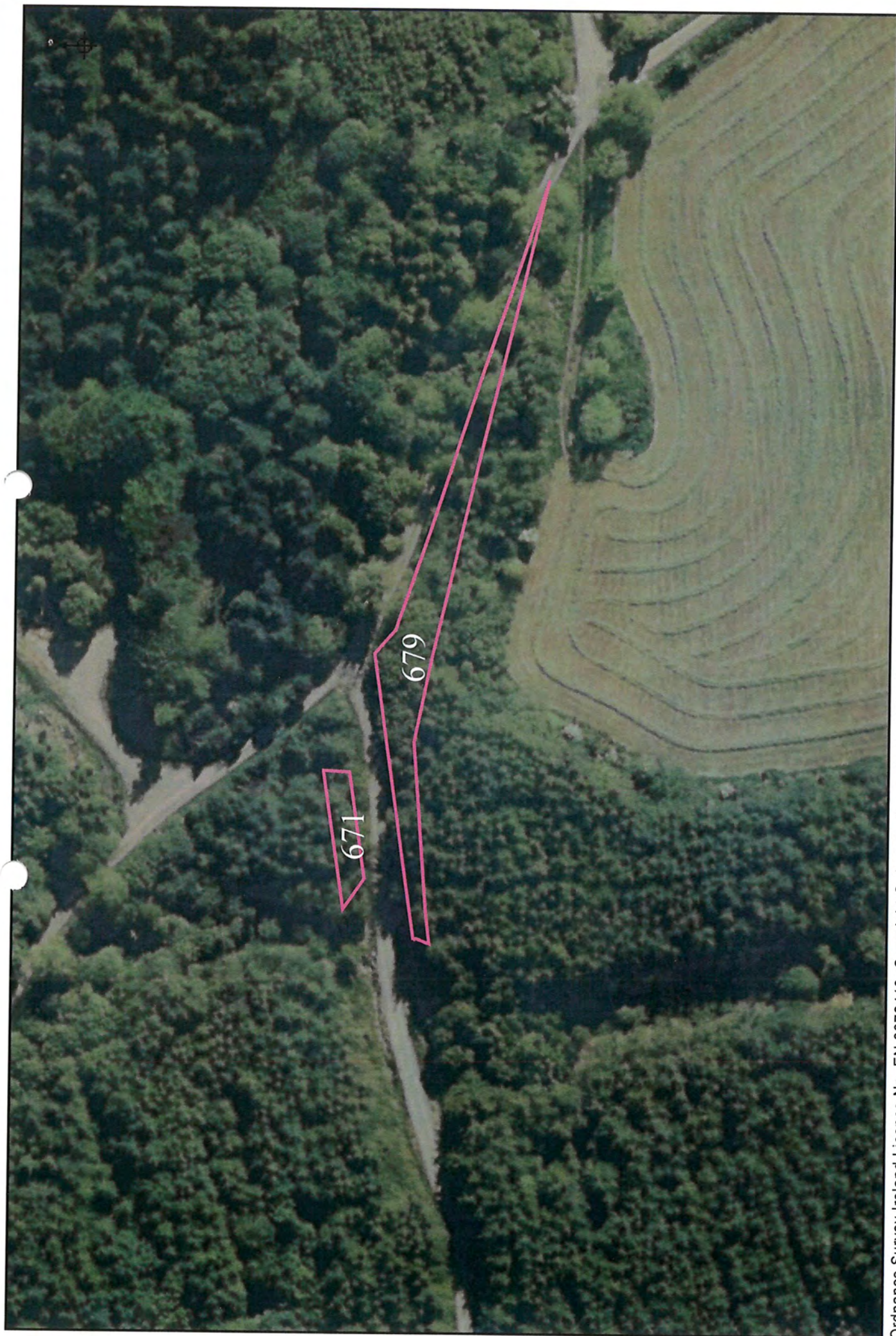
The Site Notice must be securely erected at the entrance from the public road to the land to which the licence relates or, where no entrance exists, at the point where it is proposed to create an entrance, so as to be **easily visible and legible by persons using the public road, and shall not be obscured or concealed at any time.**

The Site Notice must be clearly legible, affixed on rigid, durable material and secured against damage from bad weather and other causes.

The Site Notice must be maintained in position on the land concerned for so long as the felling of trees is carried out or timber extraction is ongoing. The notice must be renewed or replaced if it is removed or becomes defaced or illegible within that period.



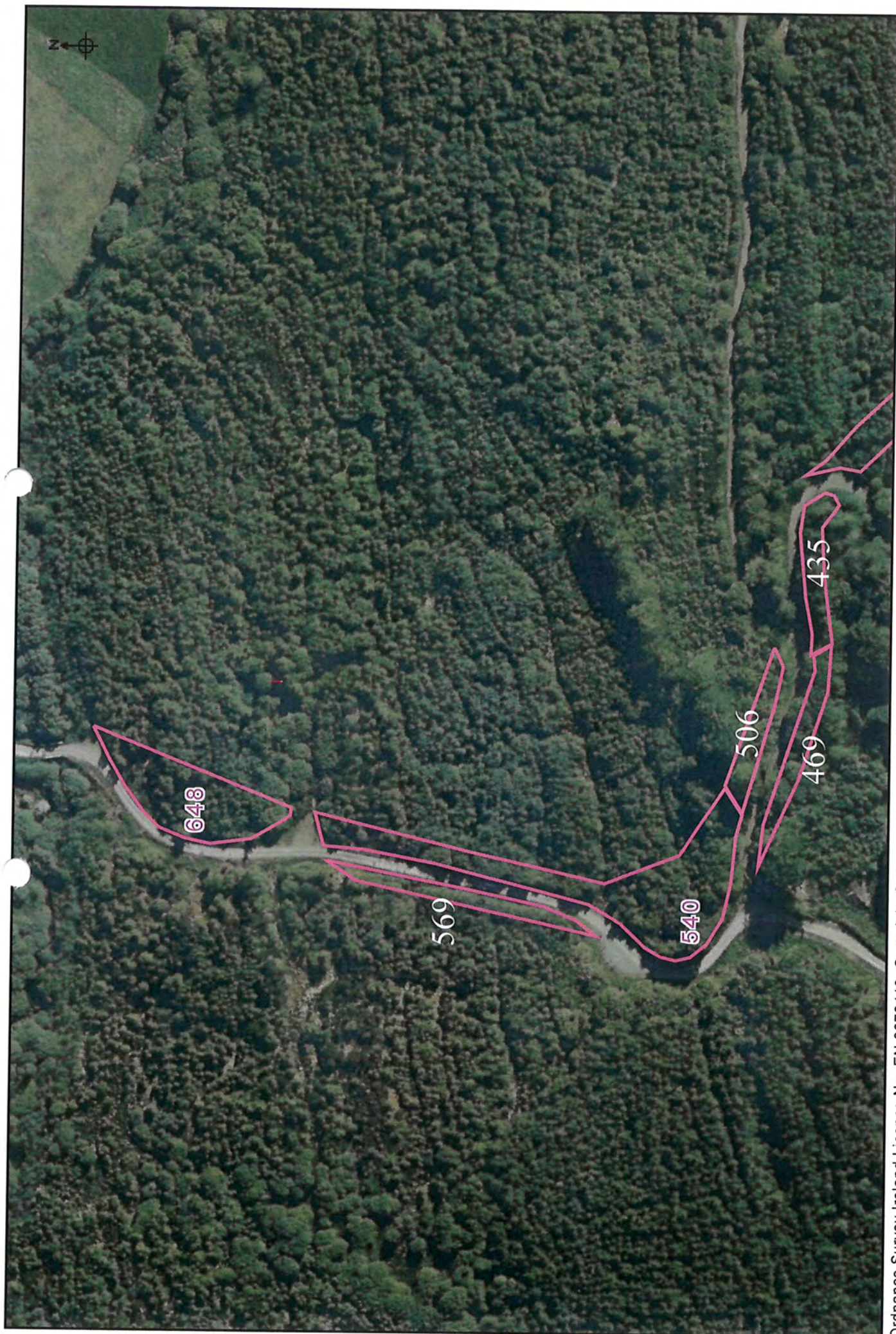
Contract: TFL00253118 Scale 1: 1500



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Contract: **TFL00253118** Scale 1: 1000





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Contract: **TFL00253118** Scale 1: 1500



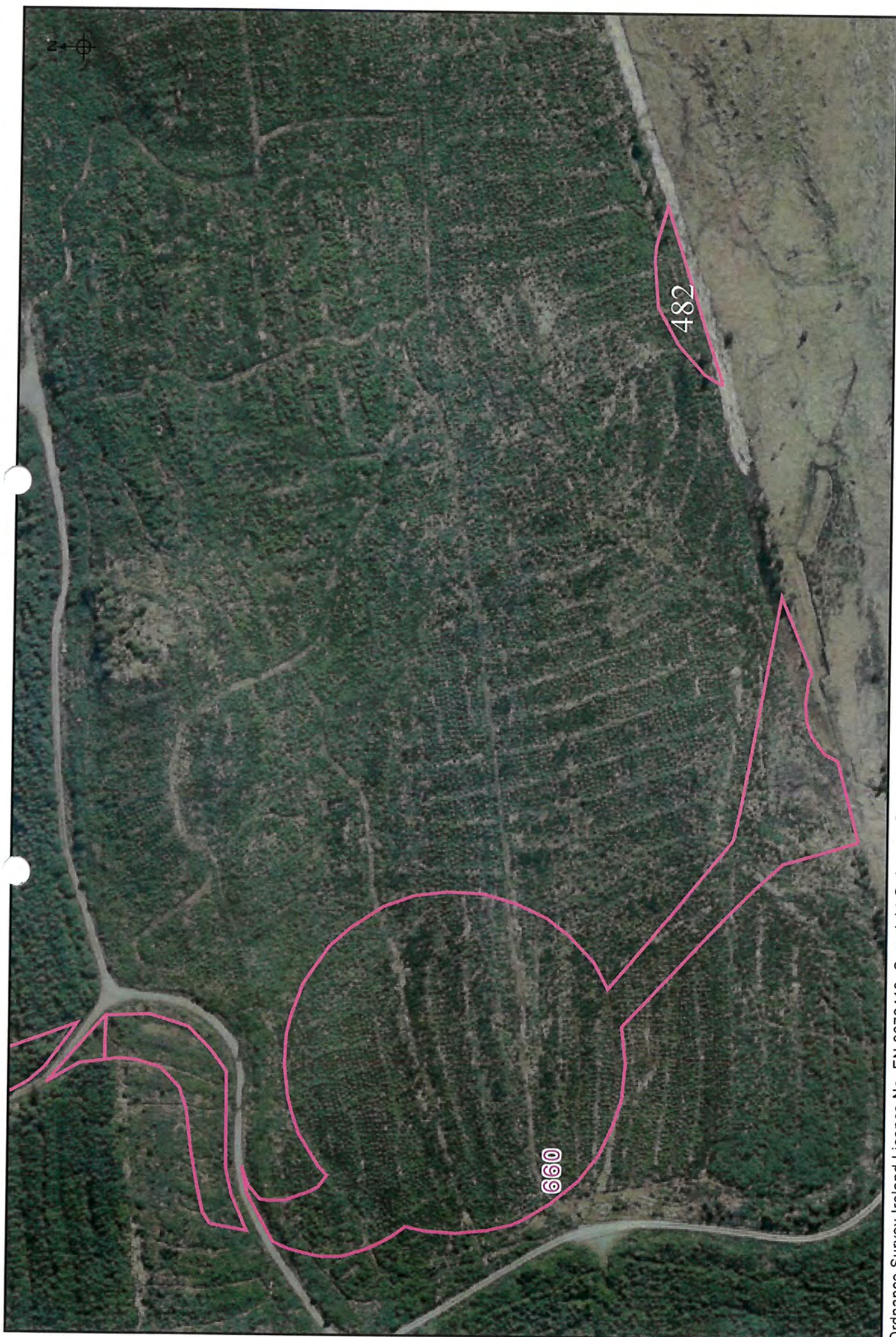
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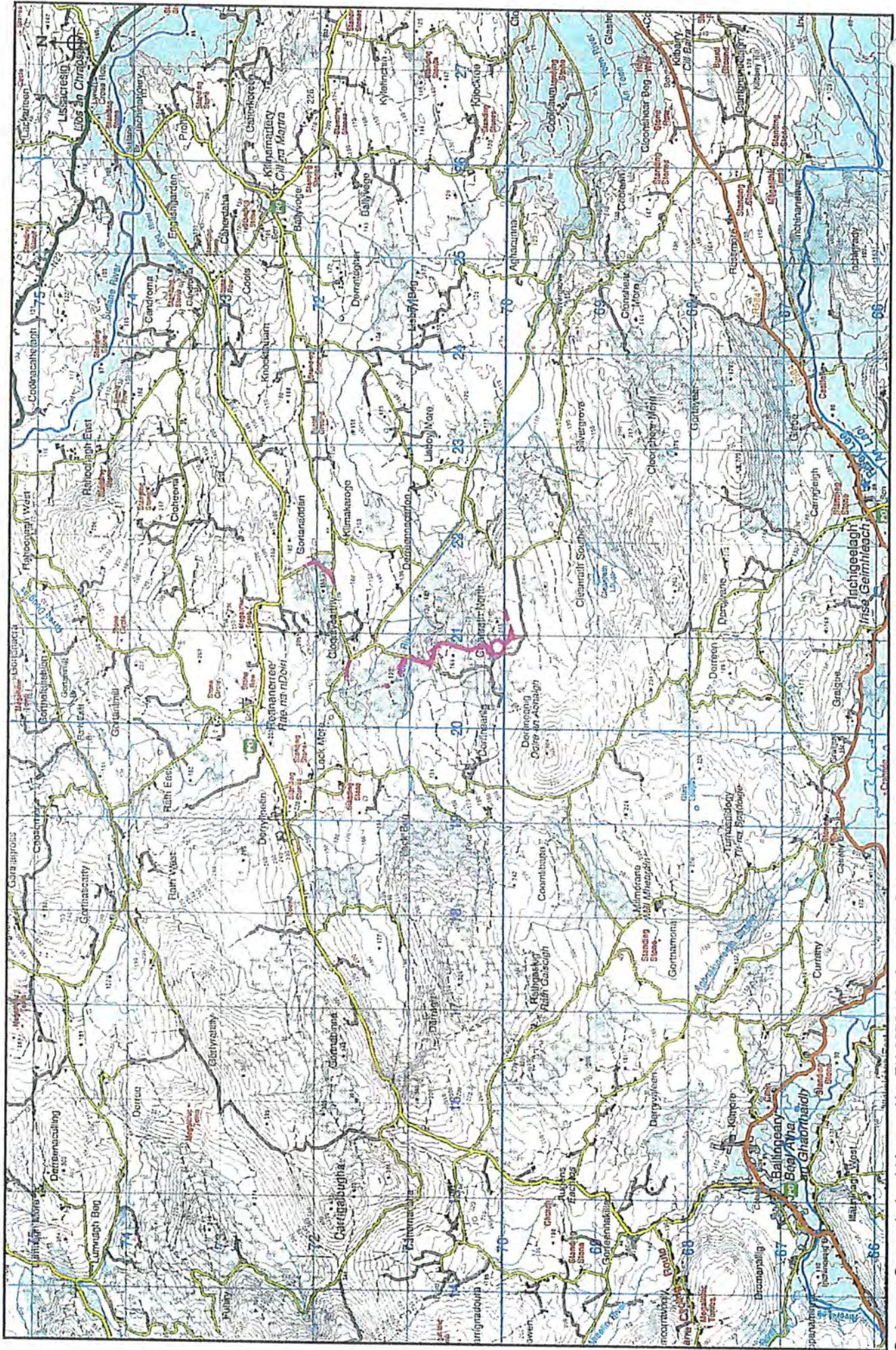
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Contract: **TFL00253118** Scale 1: 2000



An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine



Approvals Section,
Forest Service,
Department of Agriculture, Food and the Marine,
Johnstown Castle Estate,
Co. Wexford,

Y35 PN52.

12th February 2019

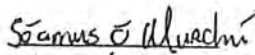
Re: TFL 00253118 – Cleanrath North, Co. Cork

Dear Sir / Madam,

It is recommended that the archaeological conditions outlined below be attached to the felling licence.

These archaeological conditions take into account and accord with the other archaeological conditions attached to grant of planning permission from Cork County Council (Ref. No. 15/6966), further to the referral of the details of the proposed development and related further information to the National Monuments Service, DCHG, as statutorily required under the terms of the National Monuments Acts 1930 – 2014.

Yours sincerely,


Séamus Ó Murchú
Archaeologist
Grade III

TFL 00253118

Cleanrath North, Co. Cork

Archaeological conditions

The areas proposed for felling (clearfell) do not contain any Recorded Monuments. Notably however, the access route to a number of the plots is adjacent to a Recorded Monument—a Ringfort – Rath (CO069-050), located some 70m to the south and 100m to the east of two access routes respectively between Plots 2 and 3.

It is of concern to that every effort should continue to be made to prevent damage to this Recorded Monument and that there would be an appropriate response should any previously unrecorded archaeology be discovered during the course of the works, and in particular, that the archaeological conditions attached to the grant of planning permission for the wider development are adhered to.

Consequently, the following conditions should be adhered to during the proposed works:

1. As always, at all times during the proposed operations the terms of the 'Forestry and Archaeology Guidelines' and 'Forest Harvesting and the Environment Guidelines' should be adhered to.
2. Specifically, the demarcated area highlighted in yellow around the Recorded Monument should be treated as an operational exclusion zone and avoided during the felling works, vehicular access and egress, storage and refueling etc.

That means observing a minimum exclusion zone of 30m from the outermost extent of the Recorded Monument, as illustrated.

3. During the course of works elsewhere all operational staff should be apprised of the location of the exclusion zone and the monument within it.
4. Machinery should not be allowed to enter the zone and trees should be felled away from the zone. The logs should be piled and presented in a way that avoids any entry by the harvester or forwarder into the exclusion zone.
5. Additionally, as per Condition No. 36 of the Planning Permission, the applicant is required to engage the services of a suitably qualified licenced archaeologist (as per National Monuments (Amendment) Acts 1930–2004) to monitor under licence all significant groundworks associated with the development. The appointed archaeologist shall liaise with the County Archaeologist three weeks in advance of the monitoring. This also applies to any and all destumping works associated with the present licence.

The Forest Service Archaeologist should be furnished with a written report describing the results of the monitoring associated with the present licence, as well as the Planning Authority and National Monuments Service. Upon completion of the clear felling and destumping, a note to that effect must be sent by e-mail by the consultant archaeologist/archaeological consultancy to the Forest Service Archaeologist.

6. Furthermore, any previously unrecorded archaeological site or artefact discovered during the course of the works on site must be left undisturbed and the relevant authorities notified immediately. A minimum exclusion zone of 20m, preferably 100m or more, must be created until any such site has been properly investigated. The relevant authorities include the duty archaeologist in the Forest Service, DAFM, and in the case of the discovery of human remains An Garda Síochána and the Local Coroner.
7. Otherwise, no known archaeological objections.

Séamus Ó Murchú

Séamus Ó Murchú

Forest Service Inspectorate

Ph.: 01-6072000

CO069-050----

Class: Ringfort - rath

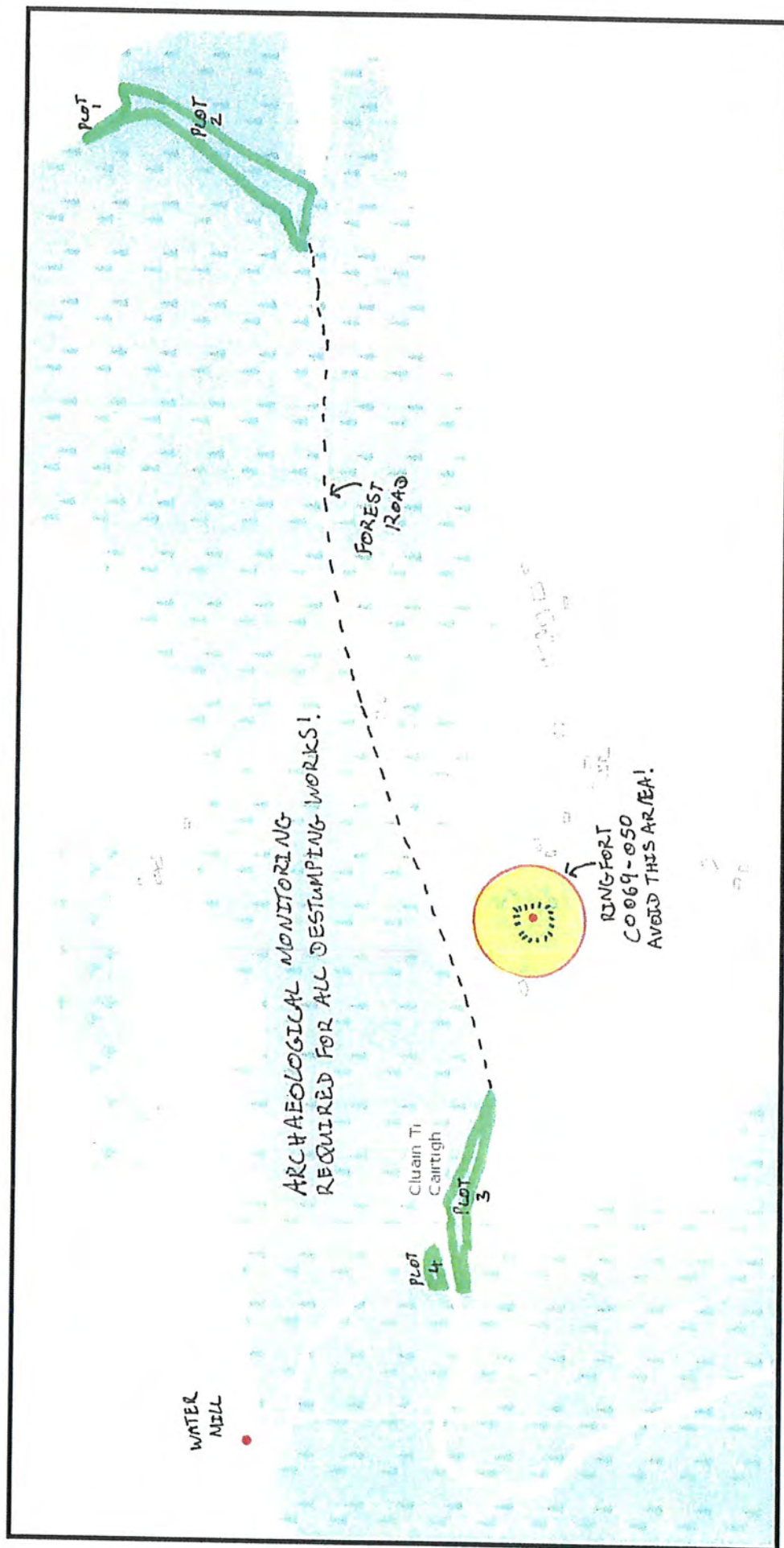
Townland: CLUAIN TÍ CAIRTIGH

Scheduled for inclusion in the next revision of the RMP: Yes

Description: In pasture, on S-facing slope. Roughly circular area (32.5m N-S; 31.5m E-W) defined by earthen bank (int. H 0.4m; ext. H 0.9m) W->E; scarp (H 1.7m) elsewhere. Hedge extends from E into interior. Interior raised on S side to compensate for hillslope. Scarp truncated to SE due to extension of concrete yard to N of farmhouse.

The above description is derived from the published 'Archaeological Inventory of County Cork. Volume 3: Mid Cork' (Dublin: Stationery Office, 1997). In certain instances the entries have been revised and updated in the light of recent research.

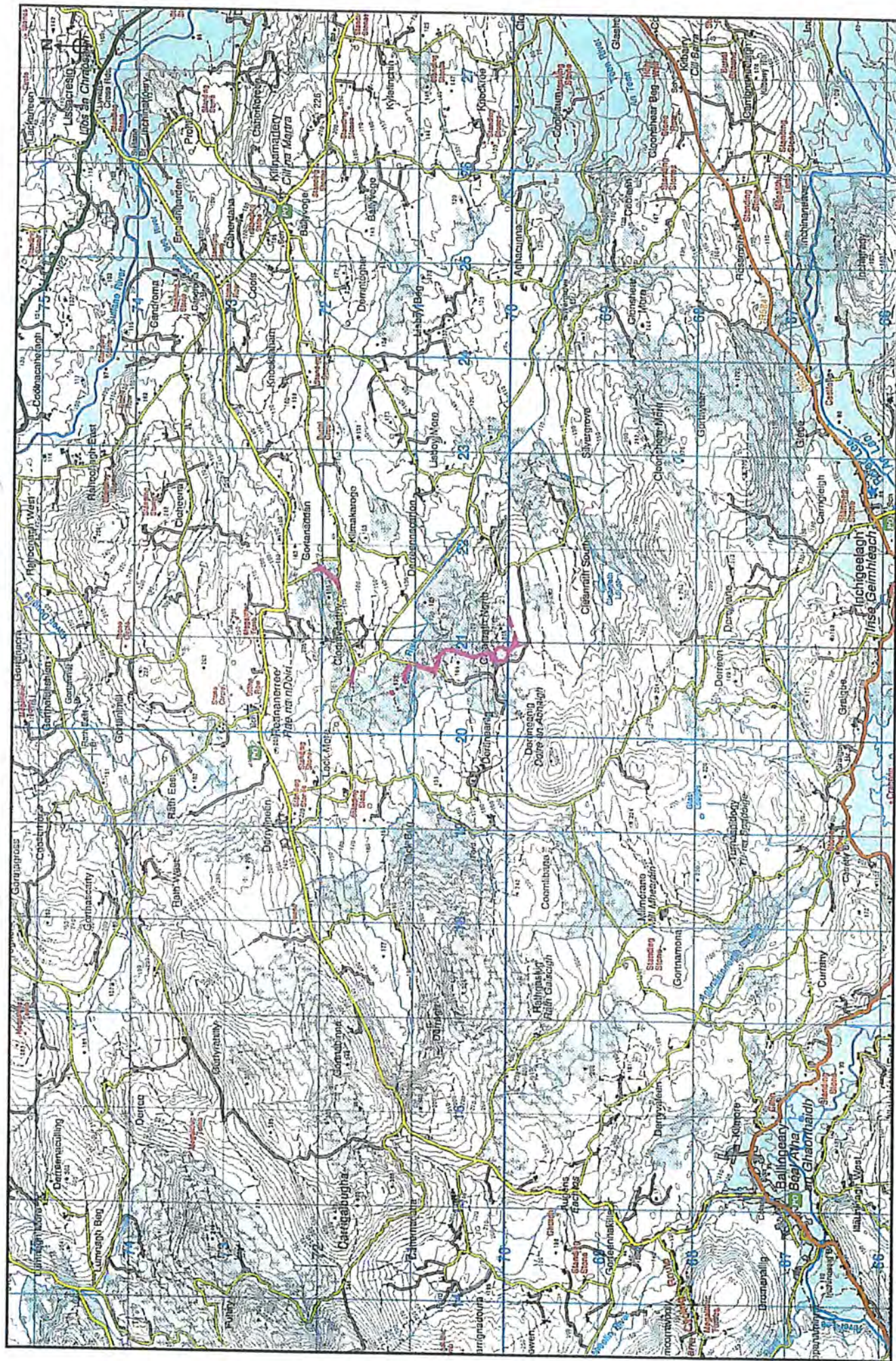
Date of upload/revision: 14 January 2009





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Contract: TFL00253118 Scale 1: 12951





ENERCO ENERGY LTD
LISSARDA BUSINESS PARK
LISSARDA
CO CORK

16/10/2018

TFL00191718

Dear Enerco Energy Ltd,

I refer to your application for a Tree Felling Licence and I am pleased to enclose same.

If you wish to appeal this decision/any condition of the licence, you may do so in writing within 28 days of the date of this letter, to the **Forestry Appeals Committee, Kilminchy Court, Portlaoise, Co. Laois (Lo-call 076 1064418 or 057 8631900)**. You are required to set out the grounds of your appeal and should include a statement of the facts and contentions upon which you intend to rely, enclosing any supporting documentary evidence you wish to have considered by the Appeals Committee.

Please note that under the Forestry Act 2014, FELLING OPERATIONS MUST NOT COMMENCE UNTIL AT LEAST 28 DAYS HAVE ELAPSED AFTER THE DATE OF SIGNATURE OF THIS LICENCE to allow for receipt of any appeal (from any party) by the Forestry Appeals Committee in relation to the granting of this licence.

Inspections of the plantation will be arranged at a later date to check on the utilisation of the licence.

Yours sincerely,

Felling Section, Forest Service
DAFM, Johnstown Castle Estate
Co. Wexford
076 1064459



**AN ROINN TALMHAÍOCHTA, BIA AGUS MARA
DEPARTMENT OF AGRICULTURE, FOOD AND THE MARINE**

FORESTRY ACT 2014 - TREE FELLING LICENCE

Pursuant to the powers vested in him under the Forestry Act 2014, the Minister for Agriculture, Food and the Marine hereby grants to the person specified in Schedule 1 (hereafter referred to as the Licensee) a licence authorising the felling of trees as specified in Schedule 2 subject to any conditions specified in any part of this licence.

This licence confers no title to the ownership of any land or trees specified herein. Where the licensee is not the owner of the land to which the licence relates, the conditions specified in the licence are binding on the owner of the land.

The authority granted under this licence does not remove the obligation on the licensee to abide by and fulfil the requirements of any other legislation.

During the period of the licence, the licence shall be for the benefit of the land and any owner thereof. (Under the Forestry Act 2014, "owner" is defined as "in relation to trees or a forest, means (a) the freehold owner, (b) the leasehold owner (if any), or (c) the occupier for the time being, of the lands concerned and includes Coillte Teoranta".)

Where the Licensee is not the owner as defined in the Forestry Act 2014, any conditions attached to this licence shall be binding on the owner.

Where an unexpired felling licence exists for any part of lands delineated in this Tree Felling Licence, it is important to note that this Tree Felling Licence will take precedence over the same areas delineated in the earlier licence.

The authority conferred by this licence will be exercisable for a period of 2 years from this date unless it is terminated by the Minister before the expiration of this period.

Signed on behalf of the Minister for Agriculture,
Food and the Marine



Date: 16 October 2018

SCHEDULE 1: Licensee

Name of Licensee	Address of Licensee	Felling Licence Owner Number (FLO)	Company Registration Office Number (CRO No.)
ENERCO ENERGY LTD	LISSARDA BUSINESS PARK, LISSARDA, CO CORK,	FLO00132	

SCHEDULE 2 : Details of felling operations authorised under this licence and conditions attached to this licence

1. The authority conferred by this licence is to fell the tree species that are specified in Table 1 of this Schedule and are located within the boundaries of the land parcels listed in Table 1 which are delineated on the attached ortho-photograph(s).
2. The land parcel numbers listed in Table 1 of this Schedule identify the land parcels delineated on the attached ortho-photograph(s). (NOTE:- Only the last 3 digits of the parcel identity number are displayed on the map, for example, the number 12345678 in the table will appear on the maps as 678).
3. The authority conferred by this licence is to fell trees of the species shown in Table 1 within the associated land parcel.
4. It is a condition of this licence that, within the boundary of each land parcel, any tree felling carried out under the authority conferred by the licence must be in accordance with the specification for the Harvest Type associated with the land parcel in Table 1 of this Schedule. Schedule 4 provides the specification for each Harvest Type which must be adhered to.
5. It is a condition of this licence, to be known as the Replanting Condition, that each land parcel must be replanted in accordance with the replanting requirement for each Harvest Type. Schedule 3 lists the specific details of the replanting required under the Replanting Condition. Where the Minister through the authority granted under this licence is consenting to deforestation or to the permanent removal of single trees within any land parcel that is the subject of this licence but the Minister requires planting of an alternative site, the Replanting Condition shall be replaced with a condition called Alternative Planting Condition. In such circumstances, the Alternative Planting Conditions will be specified in this Schedule with the other conditions attached to this licence and it shall specify the requirements for the alternative site. (Deforestation takes the meaning defined in the Forestry Act 2014.)

Table 1

Information submitted by the licensee					
Plot No.	Area (ha) applied for by the licensee	Species	Harvest Type	Harvest Year	Land Parcel Number
1	3.4	Sitka spruce	Clearfell	2018	47185551
		Sitka spruce	Clearfell	2018	47185611
		Sitka spruce	Clearfell	2018	47185858
		Sitka spruce	Clearfell	2018	47185922
		Sitka spruce	Clearfell	2018	47186099
		Lodgepole Pine (North Coastal)	Clearfell	2018	47185551
		Lodgepole Pine (North Coastal)	Clearfell	2018	47185611
		Lodgepole Pine (North Coastal)	Clearfell	2018	47185858
		Lodgepole Pine (North Coastal)	Clearfell	2018	47185922
		Lodgepole Pine (North Coastal)	Clearfell	2018	47186099
		Common alder	Clearfell	2018	47185551
		Common alder	Clearfell	2018	47185611
		Common alder	Clearfell	2018	47185858
		Common alder	Clearfell	2018	47185922
		Common alder	Clearfell	2018	47186099
2	0.32	Sitka spruce	Clearfell	2018	47186295
		Common alder	Clearfell	2018	47186295

Other conditions attached to this licence

- (a) The licensee shall ensure that all felling and planting operations are carried out in accordance with Forestry and Water Quality, Forest Biodiversity, Forest Harvesting and the Environment, Forestry and Archaeology, Forestry and the Landscape and Forestry and Aerial Fertilisation guidelines and the Code of Best Forest Practice - Ireland and the Irish National Forest Standard published by the Department.
- (b) The licensee shall treat all conifer stumps with urea immediately upon tree felling where the soil type is mineral soil or where a peat soil is less than 25cm (excluding the litter layer). Treatment is not required where a conifer stand is being replanted with broadleaves, where the conifer nurse in a broadleaf stand is being removed or where broadleaves make up greater than 85 % of the stand. The correct solution mixing rate is 1kg of fertiliser grade urea, 5 litres of water and one bottle of dye. Urea should not be applied to stumps within the buffer zones required by the Forestry and Water Quality Guidelines nor by the Forestry and Freshwater Pearl Mussel Requirements. Treating stumps with urea will help prevent infection by butt rot (*Heterobasidion annosum*).
- (c) The licensee shall, until the expiration of eleven years from the date on which the authority conferred by the licence ceases to be exercisable or ten years from the date of planting, whichever is the later, preserve, in accordance with good forest practice, the trees planted as instructed in Schedule 3 and shall for that purpose maintain in good repair and effective condition all fences and other protection necessary to protect such trees from being injured or destroyed by the trespass of any animals.
- (d) All aerial fertilisation of restocking sites requires the prior written approval of this Department.
- (e) The public road network and associated roadside drainage must not be adversely affected whilst carrying out felling operations. The applicant may be held liable for any damage caused to a public road as a result of works and/or haulage operations associated with utilisation of this licence under the Roads Act 1993, Section 13(10)(a).
- (f) FELLING OPERATIONS MUST NOT COMMENCE UNTIL AT LEAST 28 DAYS HAVE ELAPSED AFTER THE DATE OF SIGNATURE OF THIS LICENCE to allow for receipt of any appeals (from any party) by the Forestry Appeals Committee in relation to the granting of this licence.
- (g) The enclosed Site Notice must be completed and erected in accordance with the Directions provided.
- (h)
- Harvest in dry weather only.
 - All guidelines to apply.

SCHEDULE 3 : Replanting

1. Under the Replanting Condition the licensee is obliged to plant trees (of species in numbers and stocking rate and by "type of planting") within the boundaries of the land parcels listed in Table 2
2. The land parcels listed in Table 2 identify the land parcels delineated on the attached map(s) and ortho-photograph(s). (Note:- Only the last 3 digits of the parcel ID number are displayed on the maps, e.g. the number 12345678 in the table will appear on the map as 678.)
3. Under the authority conferred by this licence, the licensee must carry out replanting as outlined in Table 2 below, within a period of two years following each felling operation.
4. Replanting must be in accordance with the general practice of good forestry and to the satisfaction of the Minister.
5. Where an Alternative Planting Condition is attached to this licence, this condition will be listed in Schedule 2.

Table 2

Plot No.	Area (ha) applied for by the Licensee	Minimum No. of trees to be planted	Species	Restock Species Canopy %	Reforestation Objective	Land Parcel Number
As per CN81604						

SCHEDULE 4

Harvest Type	Harvest Type Description
Clearfell	The felling of all trees within the boundaries of the relevant land parcel or any subset of that land parcel. It is a condition attached to this licence and this Harvest Type that the area felled be replanted as specified in schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.
Thinning	The felling of a portion of trees within the boundaries of the relevant land parcel or any subset of that land parcel to promote the growth and greater value of the remaining trees. Thinning is defined in the Forestry Act 2014 as <i>"the removal from a forest in accordance with good forest practice of excess or diseased trees, or trees of poor quality in order to improve the growth, health and value of the remaining trees"</i> .
Tending	Within the boundaries of the relevant land parcel or any subset of that land parcel, the felling of trees in the early stages of forest development to promote growth of the remaining trees. This Harvest Type is thinning as defined in the Forestry Act 2014, which is <i>"the removal from a forest in accordance with good forest practice of excess or diseased trees, or trees of poor quality in order to improve the growth, health and value of the remaining trees"</i> .
Continuous Cover Forestry	The felling of trees within the boundaries of the relevant land parcel or any subset of that land parcel to promote the natural regeneration of young trees. It is a condition of this licence that such natural regeneration must be managed in the manner specified in the Forest Management Plan submitted by the licensee and accepted by the Minister as part of the application for the licence. Such management may require planting trees where natural regeneration has not successfully achieved the required minimum stocking levels. The authority conferred under this licence is to fell no more than the number of trees specified for felling in the Forest Management Plan that has been accepted by the Minister.
Windblow	The clear felling of trees within the boundaries of the relevant forest land parcel or any subset of that land parcel following wind or storm damage. It is a condition attached to this licence and this Harvest Type that the area felled be replanted as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence
Open space	The felling of all trees within the boundaries of the relevant land parcel in order, for example, to create an aquatic buffer zone.
Single Trees	The felling of individual or isolated trees within the boundaries of the relevant land parcel. It is a condition attached to this licence and this Harvest Type that replanting within the boundaries of the relevant land parcel is undertaken as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.
Line of Trees	The felling of a line of trees (for example in a hedgerow) within the boundaries of the relevant land parcel. It is a condition attached to this licence and this Harvest Type that replanting within the boundaries of the relevant land parcel is undertaken as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.

FELLING SITE NOTICE

I/We _____
received a licence under section 7 of the Forestry Act 2014 from the **Department of Agriculture, Food and the Marine** in respect of tree felling

At this site

Townland(s): _____

County: _____

Licence Number: _____

Harvest Type	Description	Area (ha)
Clearfell	The felling of all trees on an area with replanting afterwards.	
Thinning	The felling of a portion of trees from the canopy to promote growth and greater value in the remaining trees.	
Tending	The felling of undesirable trees in the early stages of forest development to promote growth in the remaining trees.	
Continuous Cover Forestry	The felling of a portion of trees from the canopy to promote the regeneration of young trees.	
Windblow	The felling of trees on a site following wind/storm damage with replanting afterwards.	
Open Space	The felling of trees to create small open areas within the forest, e.g. an aquatic buffer zone.	
		Number of trees
Single Trees	The felling of individual or isolated trees.	
Line of Trees	The felling of a line of trees, e.g. Hedgerow.	

Expected dates of commencement and conclusion of the tree felling

_____ TO _____

The licence may be inspected free of charge, at the offices of the Forest Service, Department of Agriculture, Food and the Marine, Johnstown Castle Estate, Co. Wexford between 09.00 and 16.00 Monday to Friday (excluding Public Holidays) or may be purchased, at a fee not exceeding the reasonable cost of doing so, by request in writing (by post or e-mail) from Felling Section, Forest Service, Department of Agriculture, Food and the Marine, Johnstown Castle Estate, Co. Wexford; e-mail felling.forests@agriculture.gov.ie

Name of Agent (if applicable): _____

Date of Erection of Notice: _____

Directions for completing the Site Notice

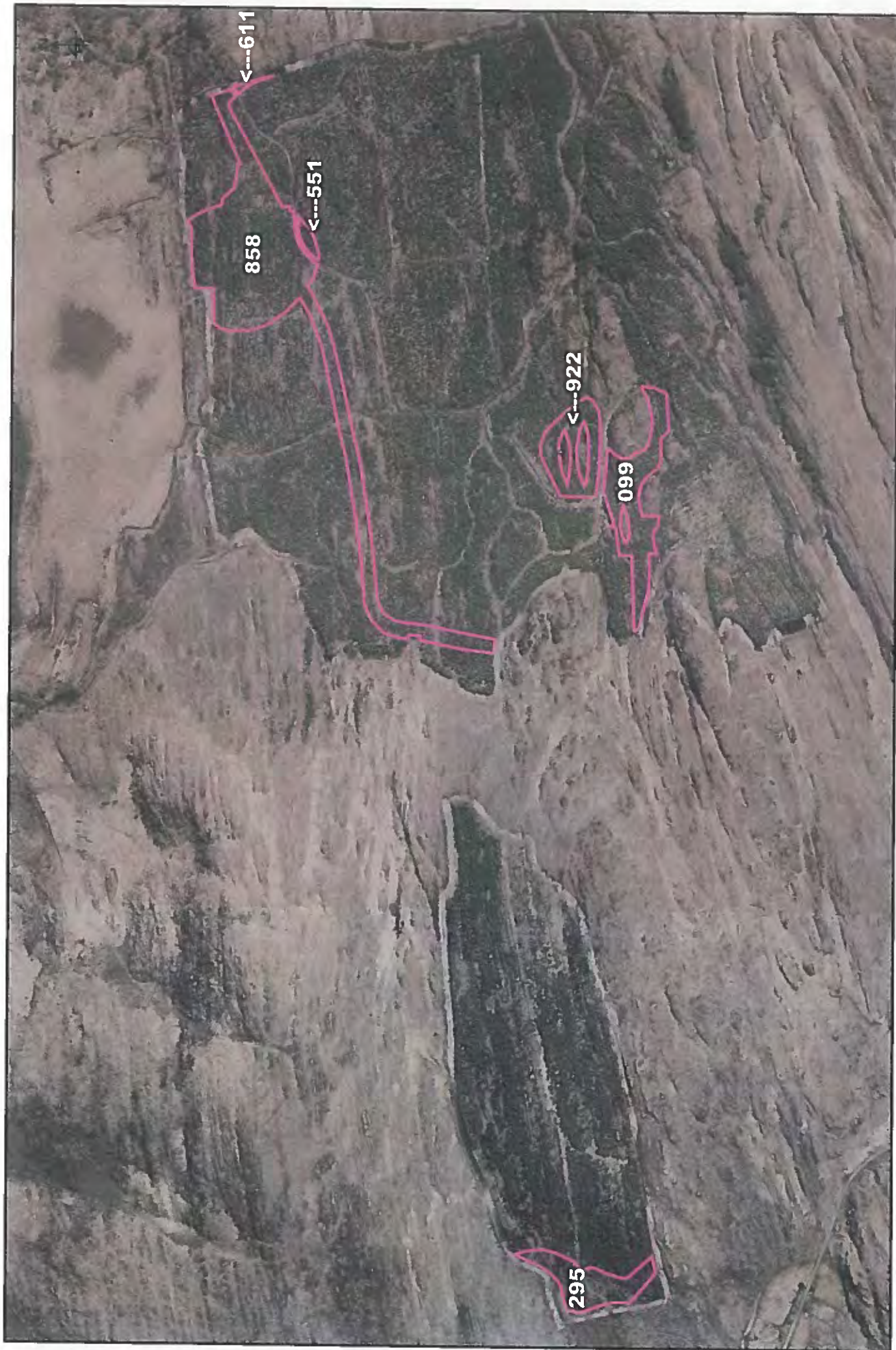
1. The **name of the licensee** must be stated.
2. The **location, townland(s) or postal address** to which the licence refers must be stated so as to identify the location of the site in question. Where the development extends to more than one townland, all townlands must be stated.
3. The licence number (on the top right hand corner of Page 1 of the licence must be provided).
4. A description of the **nature and extent of the tree felling** must be stated on the site notice. You must include the following in your development description -
 - (a) Harvest type: clearfell, thinning, wind blow, CCF, etc
 - (b) Extent of felling: number of trees to be felled or area (ha) of the felling site
5. The dates upon which the work will commence and end (approximate dates will suffice) must be provided.
6. If an agent was acting on the licensee's behalf details must be entered.
7. The date that the notice is **erected or fixed at the site** must be stated.

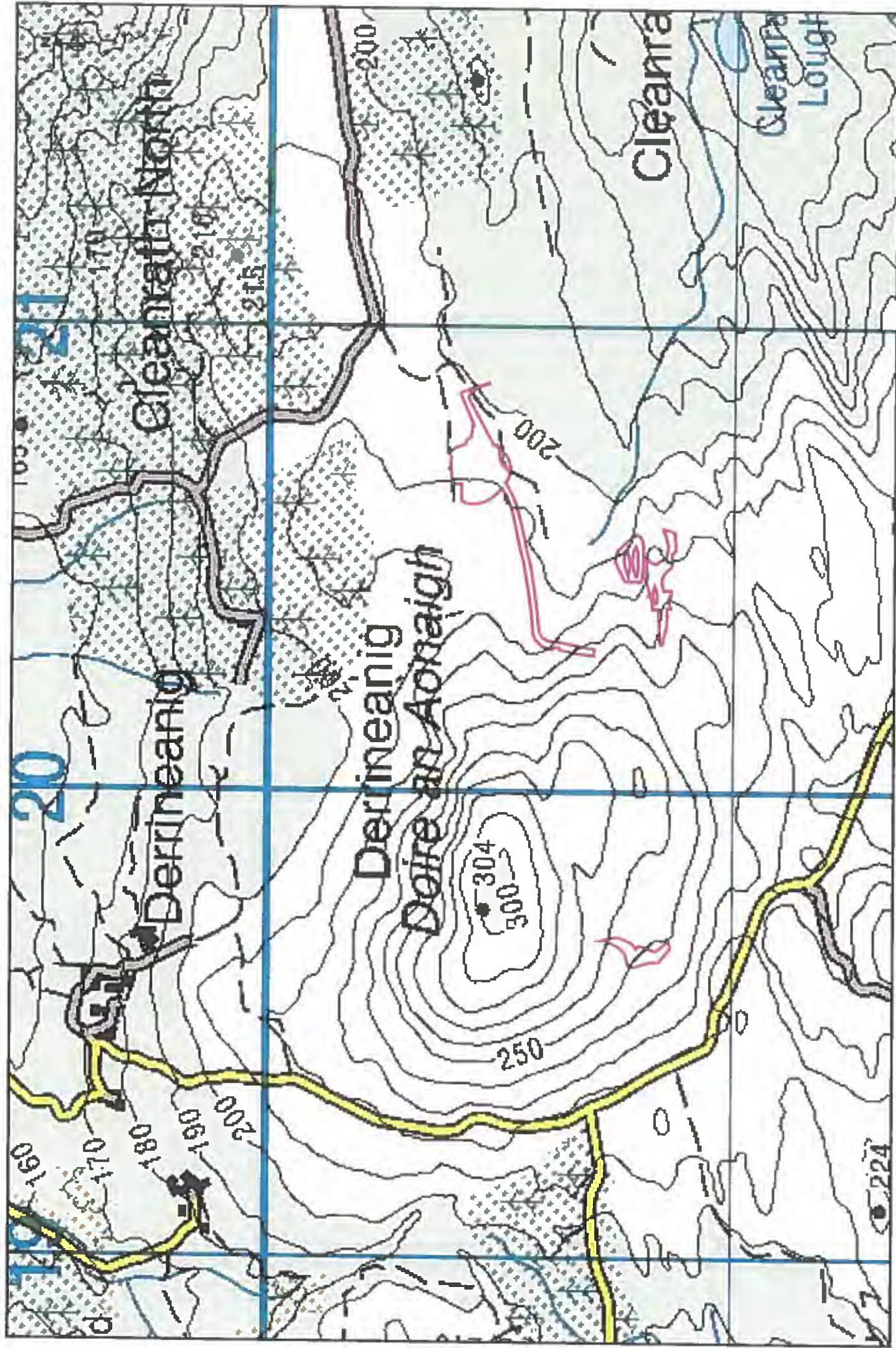
Directions for erecting the Site Notice

The Site Notice must be securely erected at the entrance from the public road to the land to which the licence relates or, where no entrance exists, at the point where it is proposed to create an entrance, so as to be **easily visible and legible by persons using the public road, and shall not be obscured or concealed at any time.**

The Site Notice must be clearly legible, affixed on rigid, durable material and secured against damage from bad weather and other causes.

The Site Notice must be maintained in position on the land concerned for so long as the felling of trees is carried out or timber extraction is ongoing. The notice must be renewed or replaced if it is removed or becomes defaced or illegible within that period.







ENERCO ENERGY LTD
LISSARDA BUSINESS PARK
LISSARDA
CO CORK

TFL00254018

21/02/2019

Dear Enerco Energy Ltd,

I refer to your application for a Tree Felling Licence and I am pleased to enclose same.

If you wish to appeal this decision/any condition of the licence, you may do so in writing within 28 days of the date of this letter, to the **Forestry Appeals Committee, Kilminchy Court, Portlaoise, Co. Laois (Lo-call 076 1064418 or 057 8631900)**. You are required to set out the grounds of your appeal and should include a statement of the facts and contentions upon which you intend to rely, enclosing any supporting documentary evidence you wish to have considered by the Appeals Committee.

Please note that under the Forestry Act 2014, FELLING OPERATIONS MUST NOT COMMENCE UNTIL AT LEAST 28 DAYS HAVE ELAPSED AFTER THE DATE OF SIGNATURE OF THIS LICENCE to allow for receipt of any appeal (from any party) by the Forestry Appeals Committee in relation to the granting of this licence.

Inspections of the plantation will be arranged at a later date to check on the utilisation of the licence.

Yours sincerely,

Brigid Kavanagh

Felling Section, Forest Service
DAFM, Johnstown Castle Estate
Co. Wexford
076 1064459

**AN ROINN TALMHAÍOCHTA, BIA AGUS MARA
DEPARTMENT OF AGRICULTURE, FOOD AND THE MARINE**

FORESTRY ACT 2014 - TREE FELLING LICENCE

Pursuant to the powers vested in him under the Forestry Act 2014, the Minister for Agriculture, Food and the Marine hereby grants to the person specified in Schedule 1 (hereafter referred to as the Licensee) a licence authorising the felling of trees as specified in Schedule 2 subject to any conditions specified in any part of this licence.

This licence confers no title to the ownership of any land or trees specified herein. Where the licensee is not the owner of the land to which the licence relates, the conditions specified in the licence are binding on the owner of the land.

The authority granted under this licence does not remove the obligation on the licensee to abide by and fulfil the requirements of any other legislation.

During the period of the licence, the licence shall be for the benefit of the land and any owner thereof. (Under the Forestry Act 2014, "owner" is defined as "in relation to trees or a forest, means (a) the freehold owner, (b) the leasehold owner (if any), or (c) the occupier for the time being, of the lands concerned and includes Coillte Teoranta".)

Where the Licensee is not the owner as defined in the Forestry Act 2014, any conditions attached to this licence shall be binding on the owner.

Where an unexpired felling licence exists for any part of lands delineated in this Tree Felling Licence, it is important to note that this Tree Felling Licence will take precedence over the same areas delineated in the earlier licence.

The authority conferred by this licence will be exercisable for a period of 2 years from this date unless it is terminated by the Minister before the expiration of this period.

Signed on behalf of the Minister for Agriculture,
Food and the Marine



Date:

21/02/19.

SCHEDULE 1: Licensee

Name of Licensee	Address of Licensee	Felling Licence Owner Number (FLO)	Company Registration Office Number (CRO No.)
ENERCO ENERGY LTD	LISSARDA BUSINESS PARK, LISSARDA, CO CORK,	FLO00132	

SCHEDULE 2 : Details of felling operations authorised under this licence and conditions attached to this licence

1. The authority conferred by this licence is to fell the tree species that are specified in Table 1 of this Schedule and are located within the boundaries of the land parcels listed in Table 1 which are delineated on the attached ortho-photograph(s).
2. The land parcel numbers listed in Table 1 of this Schedule identify the land parcels delineated on the attached ortho-photograph(s). (NOTE:- Only the last 3 digits of the parcel identity number are displayed on the map, for example, the number 12345678 in the table will appear on the maps as 678).
3. The authority conferred by this licence is to fell trees of the species shown in Table 1 within the associated land parcel.
4. It is a condition of this licence that, within the boundary of each land parcel, any tree felling carried out under the authority conferred by the licence must be in accordance with the specification for the Harvest Type associated with the land parcel in Table 1 of this Schedule. Schedule 4 provides the specification for each Harvest Type which must be adhered to.
5. It is a condition of this licence, to be known as the Replanting Condition, that each land parcel must be replanted in accordance with the replanting requirement for each Harvest Type. Schedule 3 lists the specific details of the replanting required under the Replanting Condition. Where the Minister through the authority granted under this licence is consenting to deforestation or to the permanent removal of single trees within any land parcel that is the subject of this licence but the Minister requires planting of an alternative site, the Replanting Condition shall be replaced with a condition called Alternative Planting Condition. In such circumstances, the Alternative Planting Conditions will be specified in this Schedule with the other conditions attached to this licence and it shall specify the requirements for the alternative site. (Deforestation takes the meaning defined in the Forestry Act 2014.)

Table 1

Information submitted by the licensee					
Plot No.	Area (ha) applied for by the licensee	Species	Harvest Type	Harvest Year	Land Parcel Number
1	0.04	Common alder	Clearfell	2018	48372774
2	0.15	Sitka spruce	Clearfell	2018	48372764
3	0.11	Sitka spruce	Clearfell	2018	48372702
4	0.04	Norway spruce	Clearfell	2018	48372631
5	0.01	Sitka spruce	Clearfell	2018	48372612
6	0.01	Sitka spruce	Clearfell	2018	48372527
7	0.01	Sitka spruce	Clearfell	2018	48372508
8	0.04	Sitka spruce	Clearfell	2018	48372431
9	0.05	Sitka spruce	Clearfell	2018	48372408
10	0.03	Sitka spruce	Clearfell	2018	48372386
11	0.01	Sitka spruce	Clearfell	2018	48372345
12	0.13	Sitka spruce	Clearfell	2018	48372313
13	0.01	Sitka spruce	Clearfell	2018	48372242
14	0.24	Sitka spruce	Clearfell	2018	48372230
15	0.1	Sitka spruce	Clearfell	2018	48326786
16	0.05	Sitka spruce	Clearfell	2018	48326630
17	0.02	Sitka spruce	Clearfell	2018	48326593
18	0.04	Sitka spruce	Clearfell	2018	48326736
19	0.02	Sitka spruce	Clearfell	2018	48326542
20	0.04	Sitka spruce	Clearfell	2018	48326529
21	0.02	Sitka spruce	Clearfell	2018	48326470
22	0.05	Sitka spruce	Clearfell	2018	48326435
23	0.02	Sitka spruce	Clearfell	2018	48326380
24	0.03	Rowan	Clearfell	2018	48326358
25	0.01	Rowan	Clearfell	2018	48326351
26	0.26	Rowan	Clearfell	2018	48326275
27	0.51	Rowan	Clearfell	2018	48326135
28	0.02	Rowan	Clearfell	2018	48326166
29	0.16	Rowan	Clearfell	2018	48326313

Other conditions attached to this licence

- (a) The licensee shall ensure that all felling and planting operations are carried out in accordance with Forestry and Water Quality, Forest Biodiversity, Forest Harvesting and the Environment, Forestry and Archaeology, Forestry and the Landscape and Forestry and Aerial Fertilisation guidelines and the Code of Best Forest Practice - Ireland and the Irish National Forest Standard published by the Department.
- (b) The licensee shall treat all conifer stumps with urea immediately upon tree felling where the soil type is mineral soil or where a peat soil is less than 25cm (excluding the litter layer). Treatment is not required where a conifer stand is being replanted with broadleaves, where the conifer nurse in a broadleaf stand is being removed or where broadleaves make up greater than 85 % of the stand. The correct solution mixing rate is 1kg of fertiliser grade urea, 5 litres of water and one bottle of dye. Urea should not be applied to stumps within the buffer zones required by the Forestry and Water Quality Guidelines nor by the Forestry and Freshwater Pearl Mussel Requirements. Treating stumps with urea will help prevent infection by butt rot (*Heterobasidion annosum*).
- (c) The licensee shall, until the expiration of eleven years from the date on which the authority conferred by the licence ceases to be exercisable or ten years from the date of planting, whichever is the later, preserve, in accordance with good forest practice, the trees planted as instructed in Schedule 3 and shall for that purpose maintain in good repair and effective condition all fences and other protection necessary to protect such trees from being injured or destroyed by the trespass of any animals.
- (d) All aerial fertilisation of restocking sites requires the prior written approval of this Department.
- (e) The public road network and associated roadside drainage must not be adversely affected whilst carrying out felling operations. The applicant may be held liable for any damage caused to a public road as a result of works and/or haulage operations associated with utilisation of this licence under the Roads Act 1993, Section 13(10)(a).
- (f) FELLING OPERATIONS MUST NOT COMMENCE UNTIL AT LEAST 28 DAYS HAVE ELAPSED AFTER THE DATE OF SIGNATURE OF THIS LICENCE to allow for receipt of any appeals (from any party) by the Forestry Appeals Committee in relation to the granting of this licence.
- (g) The enclosed Site Notice must be completed and erected in accordance with the Directions provided.
- (h)
- Harvest in dry weather only.
- (i) Archaeological Conditions:-
Whilst the areas proposed for felling do not contain any Recorded Monuments per se, the access route to a number of the plots is adjacent to a Recorded Monument, a Ringfort at Rath (CO069-050).
The area demarcated in yellow around the site of this Recorded Monument should be treated as an operational exclusion zone and avoided during works, vehicular access and egress, storage and refueling etc.
Additionally, as per Condition No. 36 of the Planning Permission, the applicant is required to engage the services of a suitably qualified licensed archaeologist to monitor under licence all significant groundworks associated with the development. This also applies to any destumping associated with the present felling licence.
See attached report and illustrative map for further details.

SCHEDULE 3 : Replanting

1. Under the Replanting Condition the licensee is obliged to plant trees (of species in numbers and stocking rate and by "type of planting") within the boundaries of the land parcels listed in Table 2.
2. The land parcels listed in Table 2 identify the land parcels delineated on the attached map(s) and ortho-photograph(s). (Note:- Only the last 3 digits of the parcel ID number are displayed on the maps, e.g. the number 12345678 in the table will appear on the map as 678.)
3. Under the authority conferred by this licence, the licensee must carry out replanting as outlined in Table 2 below, within a period of two years following each felling operation.
4. Replanting must be in accordance with the general practice of good forestry and to the satisfaction of the Minister.
5. Where an Alternative Planting Condition is attached to this licence, this condition will be listed in Schedule 2.

Table 2

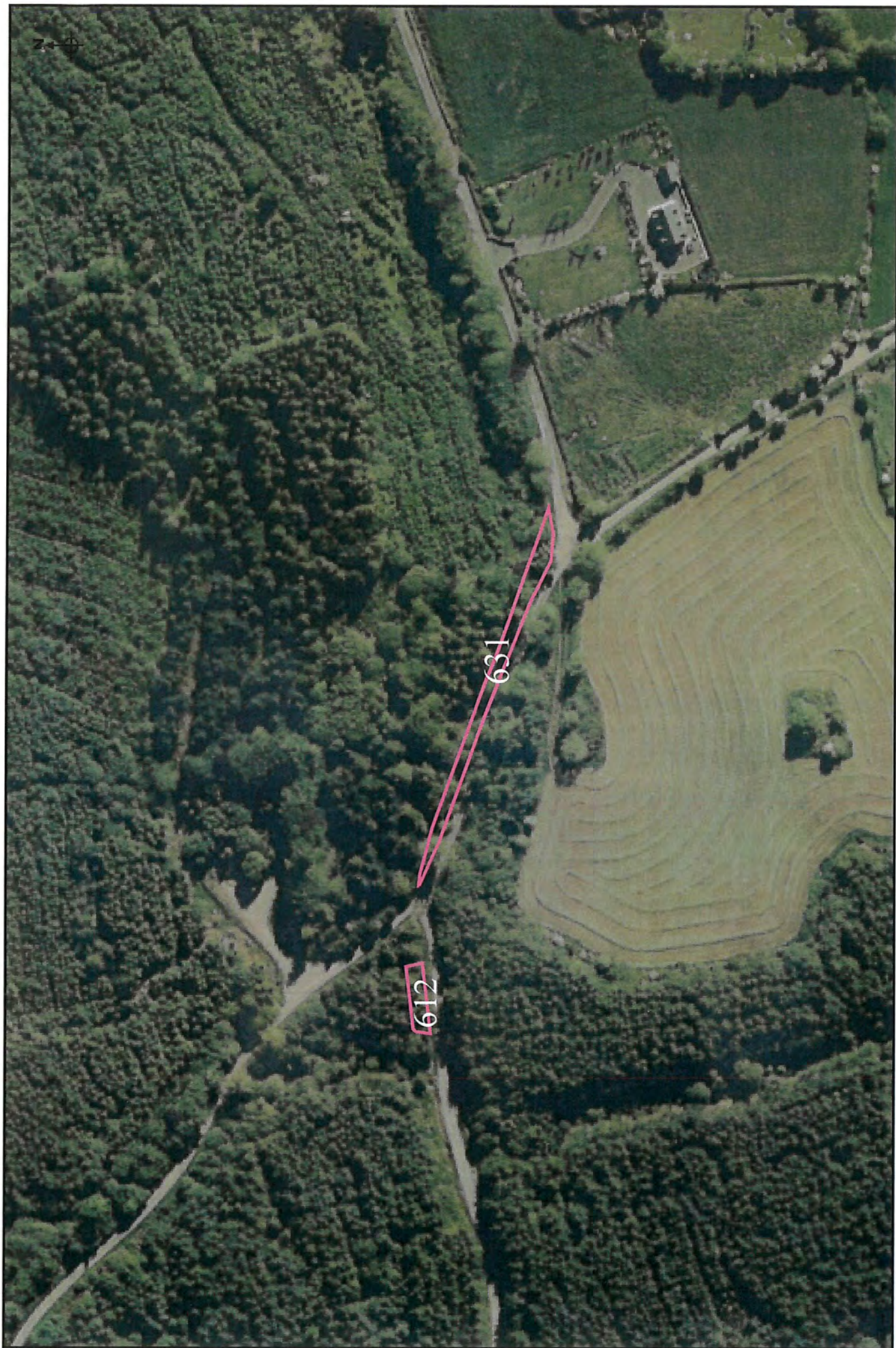
Plot No.	Area (ha) applied for by the Licensee	No. of Trees to achieve minimum stocking requirement per hectare	Species	Restock Species Canopy %	Reforestation Objective	Land Parcel Number
1	.04	3300 trees	Common alder	100	CF	48372774
2	.15	2500 trees	Sitka spruce	100	CF	48372764
3	.11	2500 trees	Sitka spruce	100	CF	48372702
4	.04	2500 trees	Norway spruce	100	CF	48372631
5	.01	2500 trees	Sitka spruce	100	CF	48372612
6	.01	2500 trees	Sitka spruce	100	CF	48372527
7	.01	2500 trees	Sitka spruce	100	CF	48372508
8	.04	2500 trees	Sitka spruce	100	CF	48372431
9	.05	2500 trees	Sitka spruce	100	CF	48372408
10	.03	2500 trees	Sitka spruce	100	CF	48372386
11	.01	2500 trees	Sitka spruce	100	CF	48372345
12	.13	2500 trees	Sitka spruce	100	CF	48372313

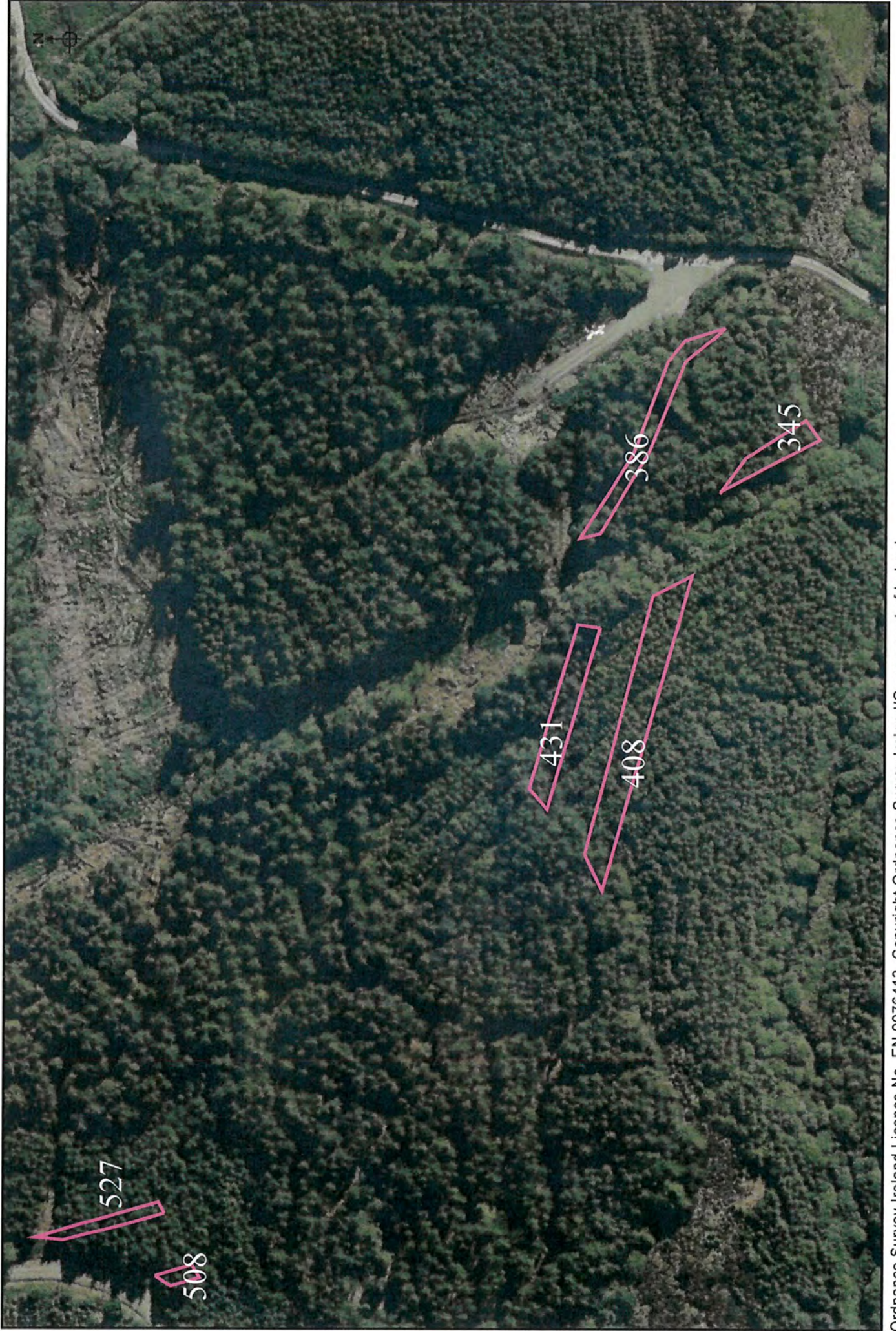
13	.01	2500 trees	Sitka spruce	100	CF	48372242
14	.24	2500 trees	Sitka spruce	100	CF	48372230
15	.1	2500 trees	Sitka spruce	100	CF	48326786
16	.05	2500 trees	Sitka spruce	100	CF	48326630
17	.02	2500 trees	Sitka spruce	100	CF	48326593
18	.04	2500 trees	Sitka spruce	100	CF	48326736
19	.02	2500 trees	Sitka spruce	100	CF	48326542
20	.04	2500 trees	Sitka spruce	100	CF	48326529
21	.02	2500 trees	Sitka spruce	100	CF	48326470
22	.05	2500 trees	Sitka spruce	100	CF	48326435
23	.02	2500 trees	Sitka spruce	100	CF	48326380
24	.03	3300 trees	Rowan	100	CF	48326358
25	1	3300 trees	Rowan	100	CF	48326351
26	.26	3300 trees	Rowan	100	CF	48326275
27	.51	3300 trees	Rowan	100	CF	48326135
28	.02	3300 trees	Rowan	100	CF	48326166
29	.16	3300 trees	Rowan	100	CF	48326313

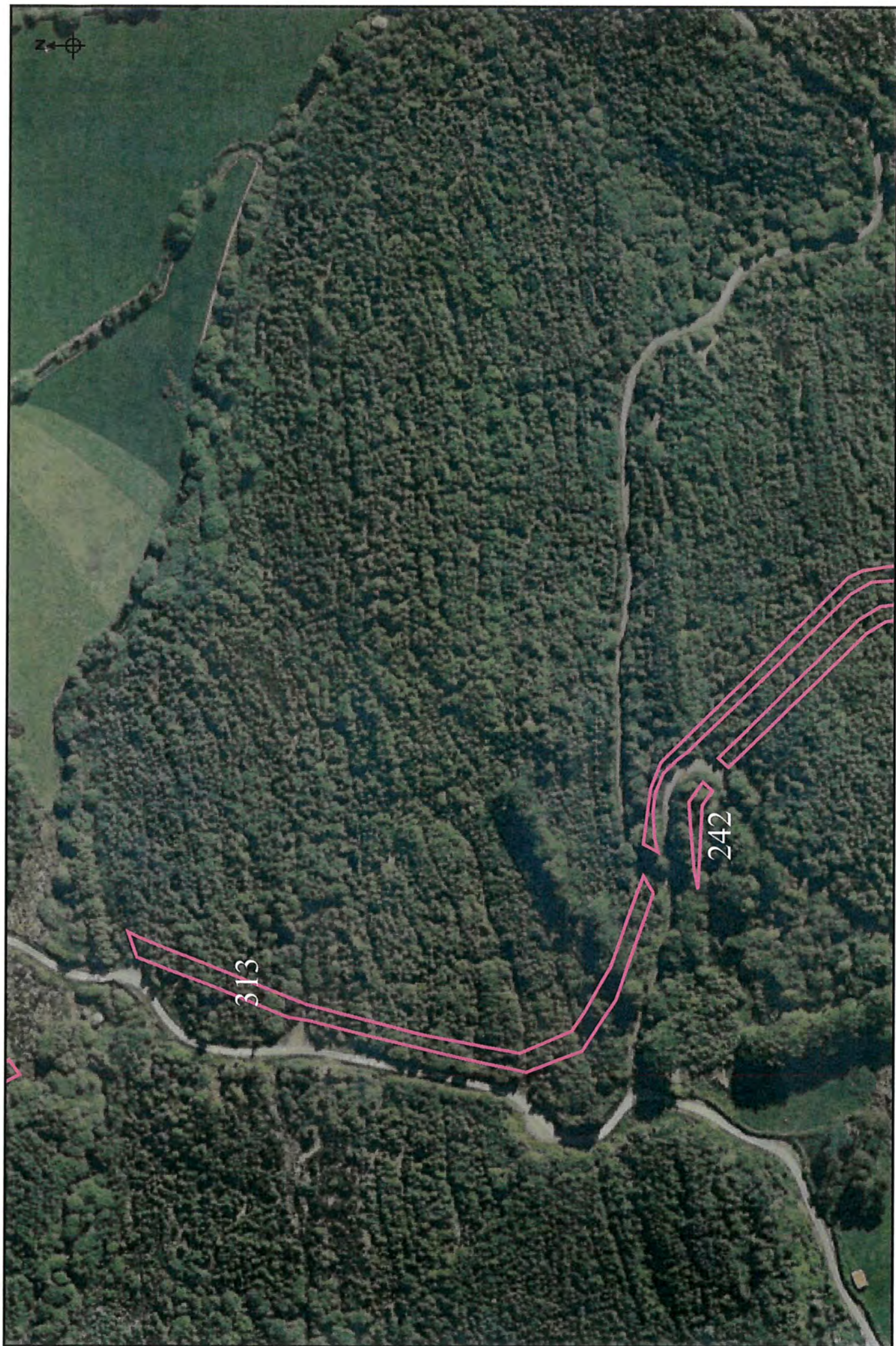
SCHEDULE 4

Harvest Type	Harvest Type Description
Clearfell	The felling of all trees within the boundaries of the relevant land parcel or any subset of that land parcel. It is a condition attached to this licence and this Harvest Type that the area felled be replanted as specified in schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.
Thinning	The felling of a portion of trees within the boundaries of the relevant land parcel or any subset of that land parcel to promote the growth and greater value of the remaining trees. Thinning is defined in the Forestry Act 2014 as <i>"the removal from a forest in accordance with good forest practice of excess or diseased trees, or trees of poor quality in order to improve the growth, health and value of the remaining trees"</i> .
Tending	Within the boundaries of the relevant land parcel or any subset of that land parcel, the felling of trees in the early stages of forest development to promote growth of the remaining trees. This Harvest Type is thinning as defined in the Forestry Act 2014, which is <i>"the removal from a forest in accordance with good forest practice of excess or diseased trees, or trees of poor quality in order to improve the growth, health and value of the remaining trees"</i> .
Continuous Cover Forestry	The felling of trees within the boundaries of the relevant land parcel or any subset of that land parcel to promote the natural regeneration of young trees. It is a condition of this licence that such natural regeneration must be managed in the manner specified in the Forest Management Plan submitted by the licensee and accepted by the Minister as part of the application for the licence. Such management may require planting trees where natural regeneration has not successfully achieved the required minimum stocking levels. The authority conferred under this licence is to fell no more than the number of trees specified for felling in the Forest Management Plan that has been accepted by the Minister.
Windblow	The clear felling of trees within the boundaries of the relevant forest land parcel or any subset of that land parcel following wind or storm damage. It is a condition attached to this licence and this Harvest Type that the area felled be replanted as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence
Open space	The felling of all trees within the boundaries of the relevant land parcel in order, for example, to create an aquatic buffer zone.
Single Trees	The felling of individual or isolated trees within the boundaries of the relevant land parcel. It is a condition attached to this licence and this Harvest Type that replanting within the boundaries of the relevant land parcel is undertaken as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.
Line of Trees	The felling of a line of trees (for example in a hedgerow) within the boundaries of the relevant land parcel. It is a condition attached to this licence and this Harvest Type that replanting within the boundaries of the relevant land parcel is undertaken as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.





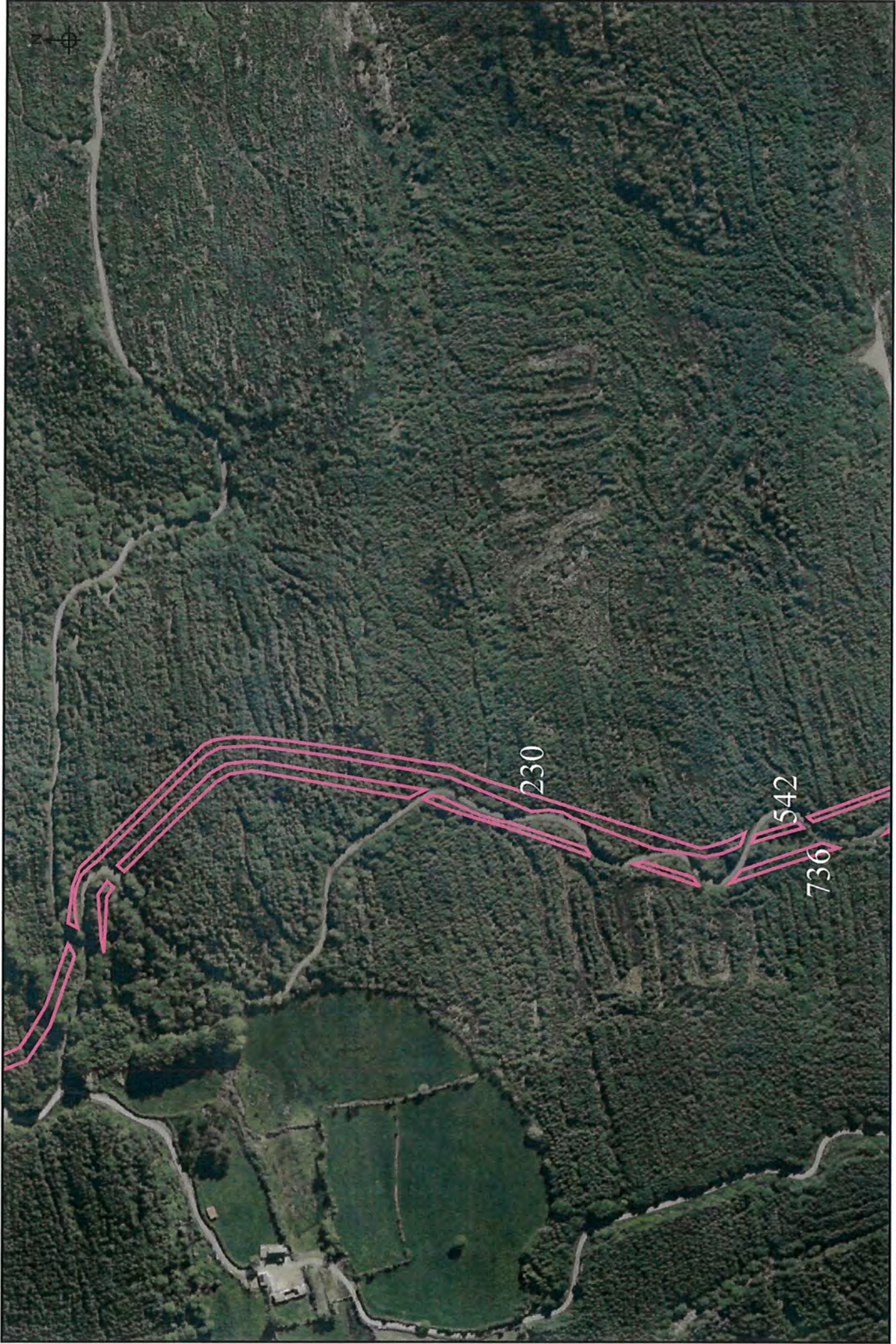


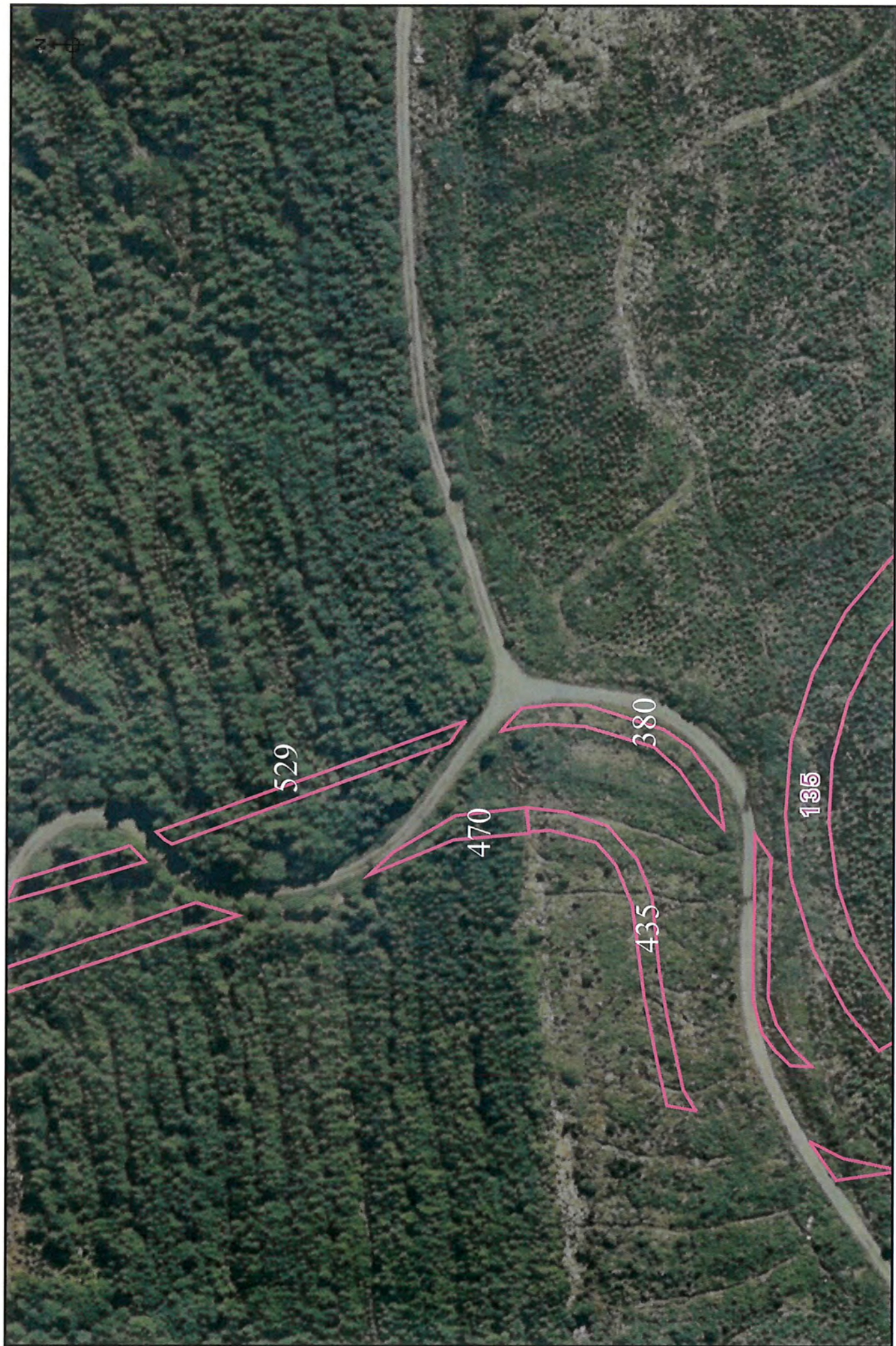


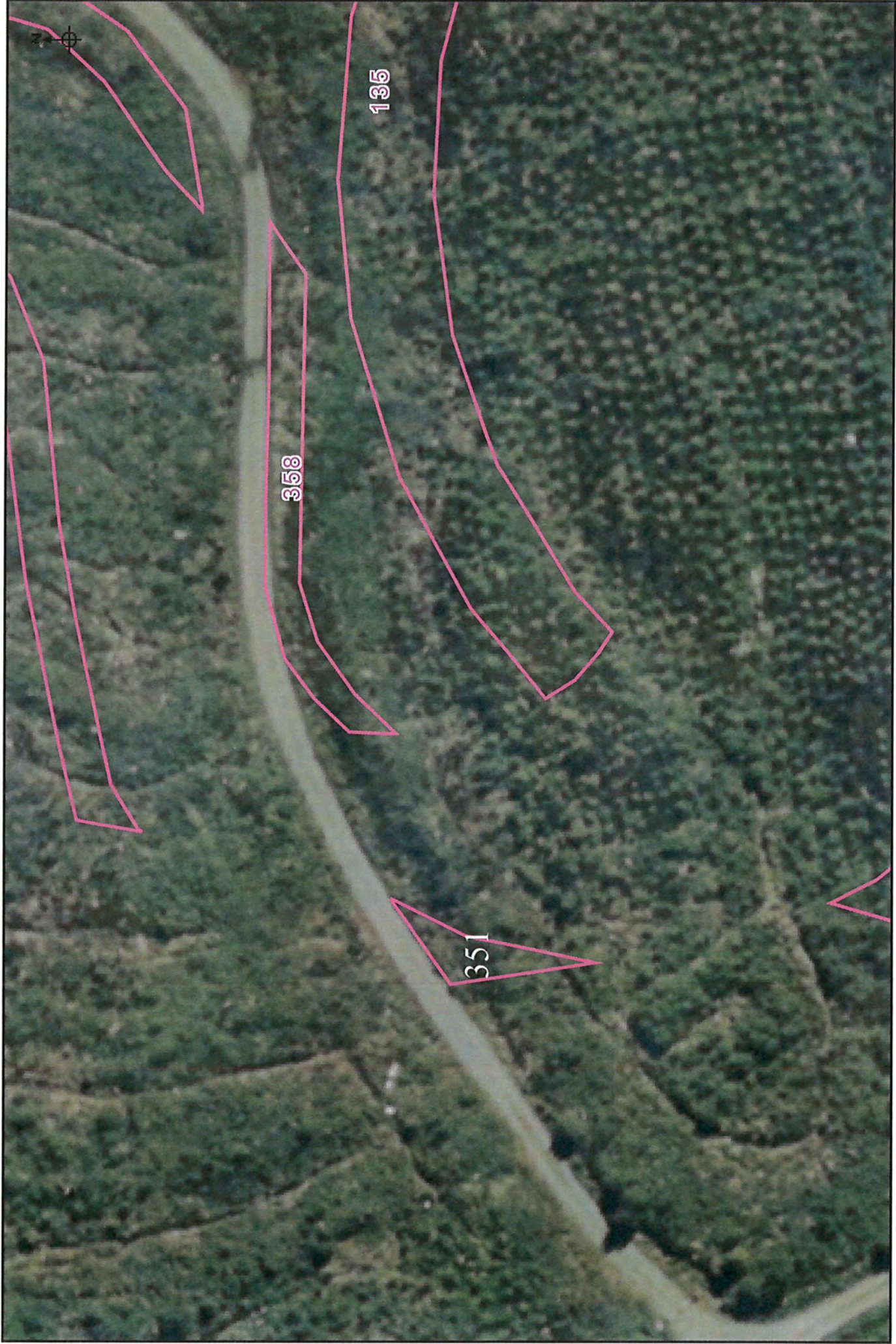
Ordnance Survey Ireland Licence No. EN 0076413. Copyright Ordnance Survey Ireland/Government of Ireland
Unauthorized reproduction is not permitted. This map is for Forest Service related use only.

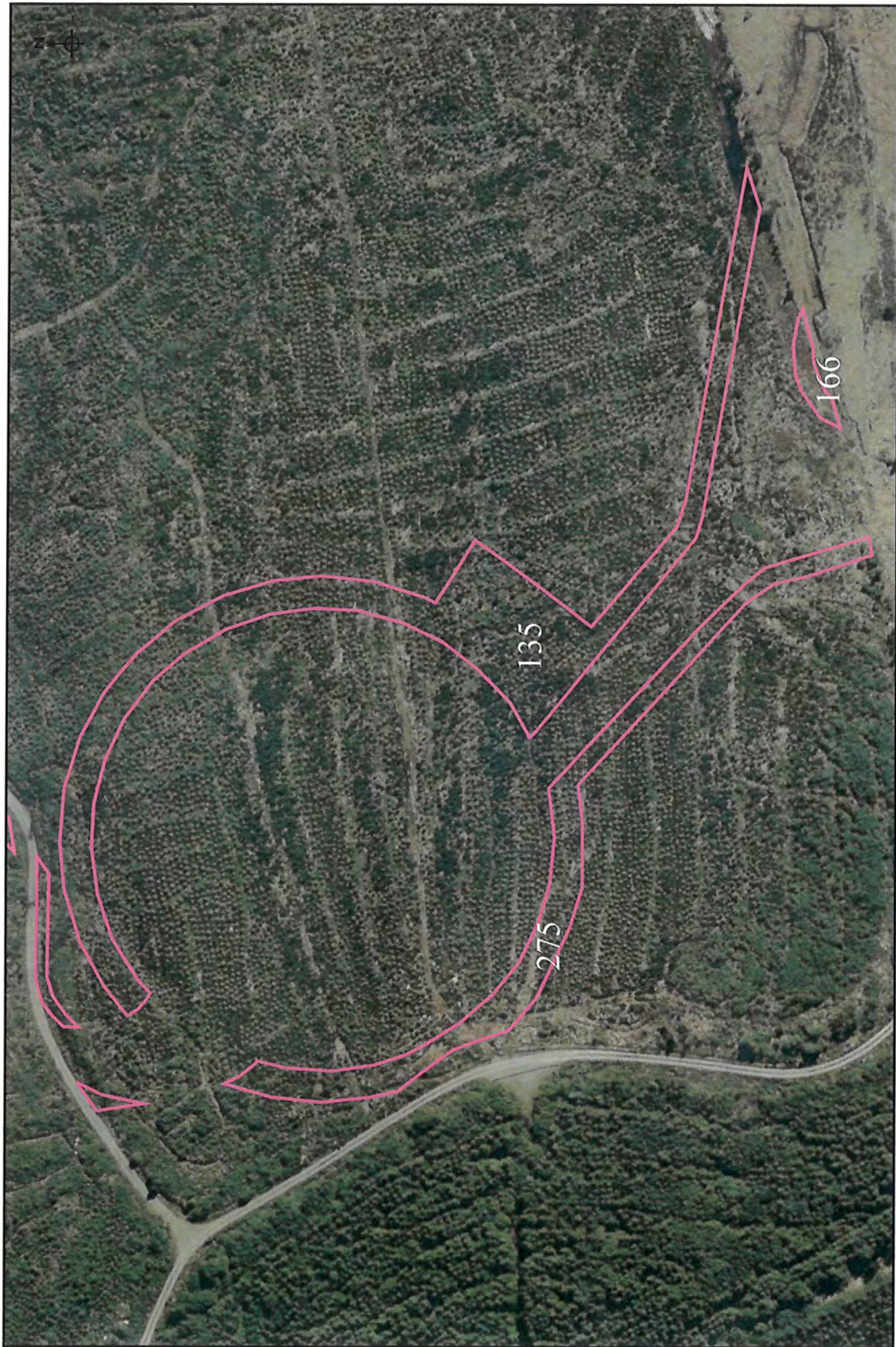
Contract: **TFL00254018** Scale 1: 2000



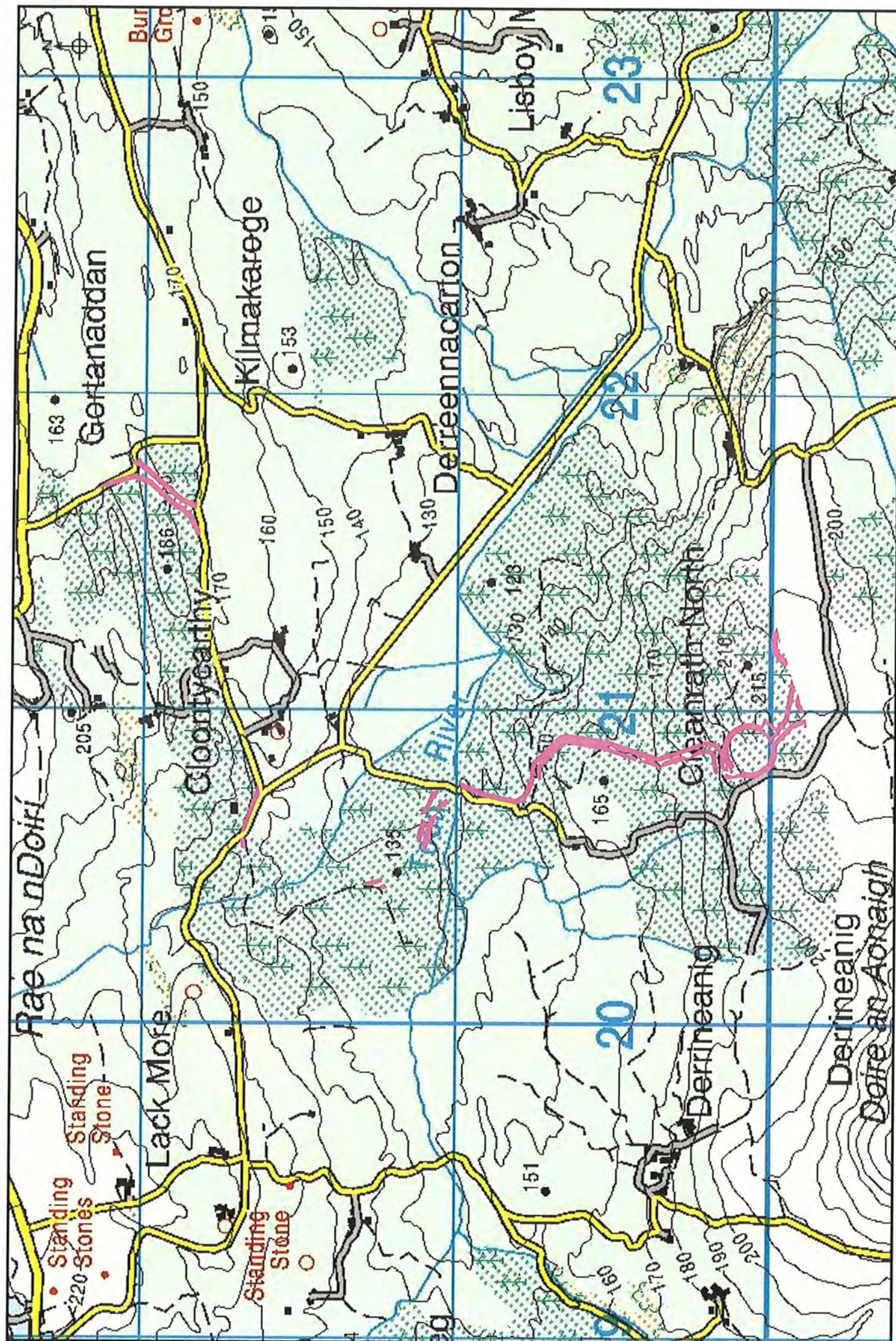












An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine



Approvals Section,
Forest Service,
Department of Agriculture, Food and the Marine,
Johnstown Castle Estate,
Co. Wexford,

Y35 PN52.

12th February 2019

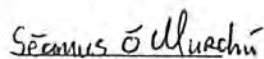
Re: TFL 00254018 – Cleanrath North, Co. Cork

Dear Sir / Madam,

It is recommended that the archaeological conditions outlined below be attached to the felling licence.

These archaeological conditions take into account and accord with the other archaeological conditions attached to grant of planning permission from Cork County Council (Ref. No. 15/6966), further to the referral of the details of the proposed development and related further information to the National Monuments Service, DCHG, as statutorily required under the terms of the National Monuments Acts 1930 – 2014.

Yours sincerely,


Séamus Ó Murchú
Archaeologist
Grade III

TFL 00254018

Cleanrath North, Co. Cork

Archaeological conditions

The areas proposed for felling (clearfell) do not contain any Recorded Monuments. Notably however, the access route to a number of the plots is adjacent to a Recorded Monument—a Ringfort – Rath (CO069-050), located some 70m to the south and 100m to the east of two access routes respectively between Plots 2 and 4.

It is of concern that every effort should continue to be made to prevent damage to this Recorded Monument and that there would be an appropriate response should any previously unrecorded archaeology be discovered during the course of the works.

Consequently, the following conditions should be adhered to during the proposed works:

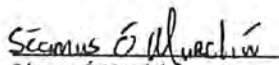
1. As always, at all times during the proposed operations the terms of the 'Forestry and Archaeology Guidelines' and 'Forest Harvesting and the Environment Guidelines' should be adhered to.
2. Specifically, the demarcated area highlighted in yellow around the Recorded Monument should be treated as an operational exclusion zone and avoided during the felling works, vehicular access and egress, storage and refueling etc.

That means observing a minimum exclusion zone of 30m from the outermost extent of the Recorded Monument, as illustrated.

3. During the course of works elsewhere all operational staff should be apprised of the location of the exclusion zone and the monument within it.
4. Machinery should not be allowed to enter the zone and trees should be felled away from the zone. The logs should be piled and presented in a way that avoids any entry by the harvester or forwarder into the exclusion zone.
5. Additionally, as per Condition No. 36 of the Planning Permission, the applicant is required to engage the services of a suitably qualified licenced archaeologist (as per National Monuments (Amendment) Acts 1930–2004) to monitor under licence all significant groundworks associated with the development. The appointed archaeologist shall liaise with the County Archaeologist three weeks in advance of the monitoring. This also applies to any and all destumping works associated with the present licence.

The Forest Service Archaeologist should be furnished with a written report describing the results of the monitoring associated with the present licence, as well as the Planning Authority and National Monuments Service. Upon completion of the clear felling and destumping, a note to that effect must be sent by e-mail by the consultant archaeologist/archaeological consultancy to the Forest Service Archaeologist.

6. Furthermore, any previously unrecorded archaeological site or artefact discovered during the course of the works on site must be left undisturbed and the relevant authorities notified immediately. A minimum exclusion zone of 20m, preferably 100m or more, must be created until any such site has been properly investigated. The relevant authorities include the duty archaeologist in the Forest Service, DAFM, and in the case of the discovery of human remains An Garda Síochána and the Local Coroner.
7. Otherwise, no known archaeological objections.



Séamus Ó Murchú

Forest Service Inspectorate

Ph.: 01-6072000

CO069-050----

Class: Ringfort - rath

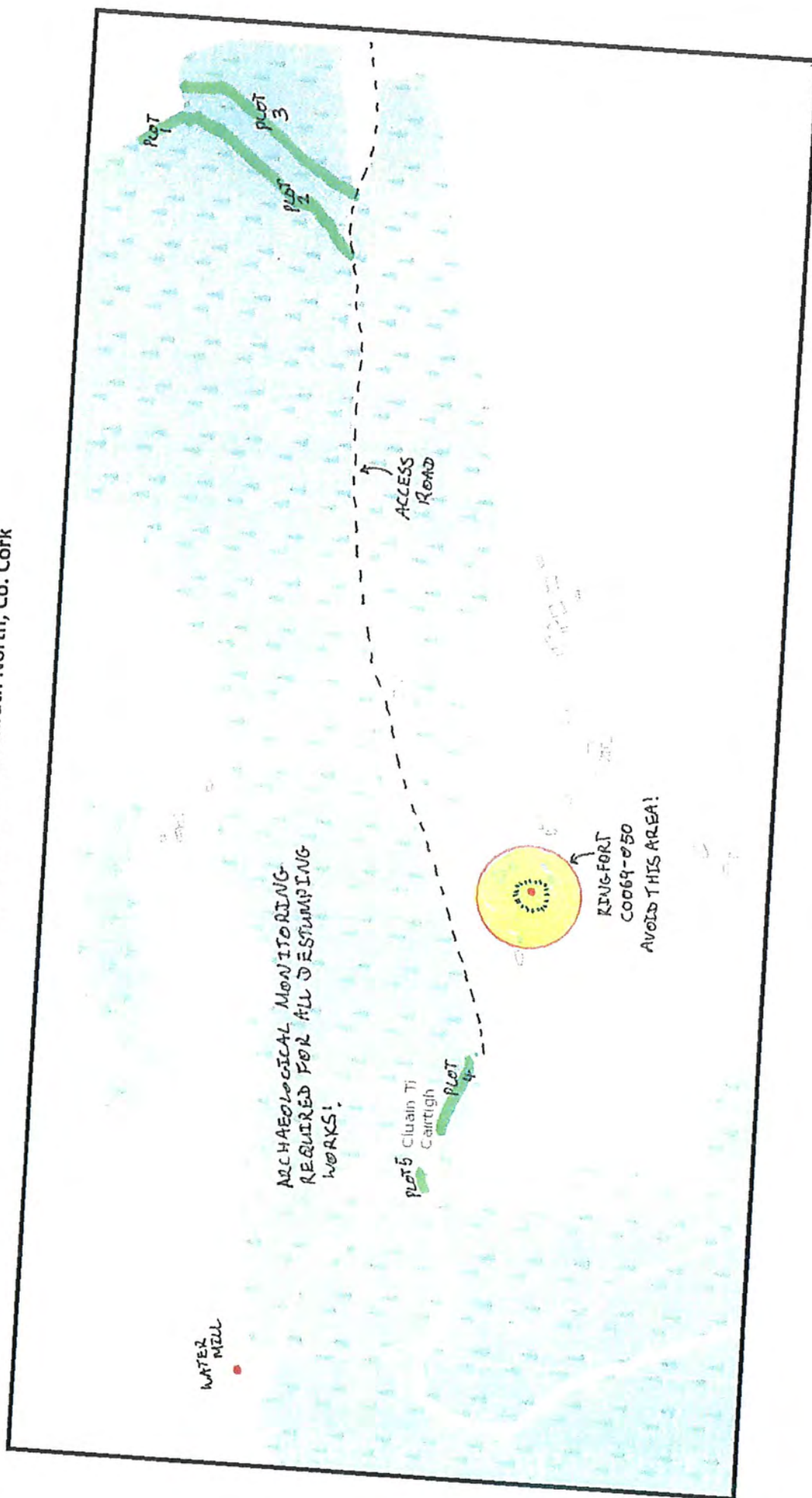
Townland: CLUAIN TÍ CAIRTIGH

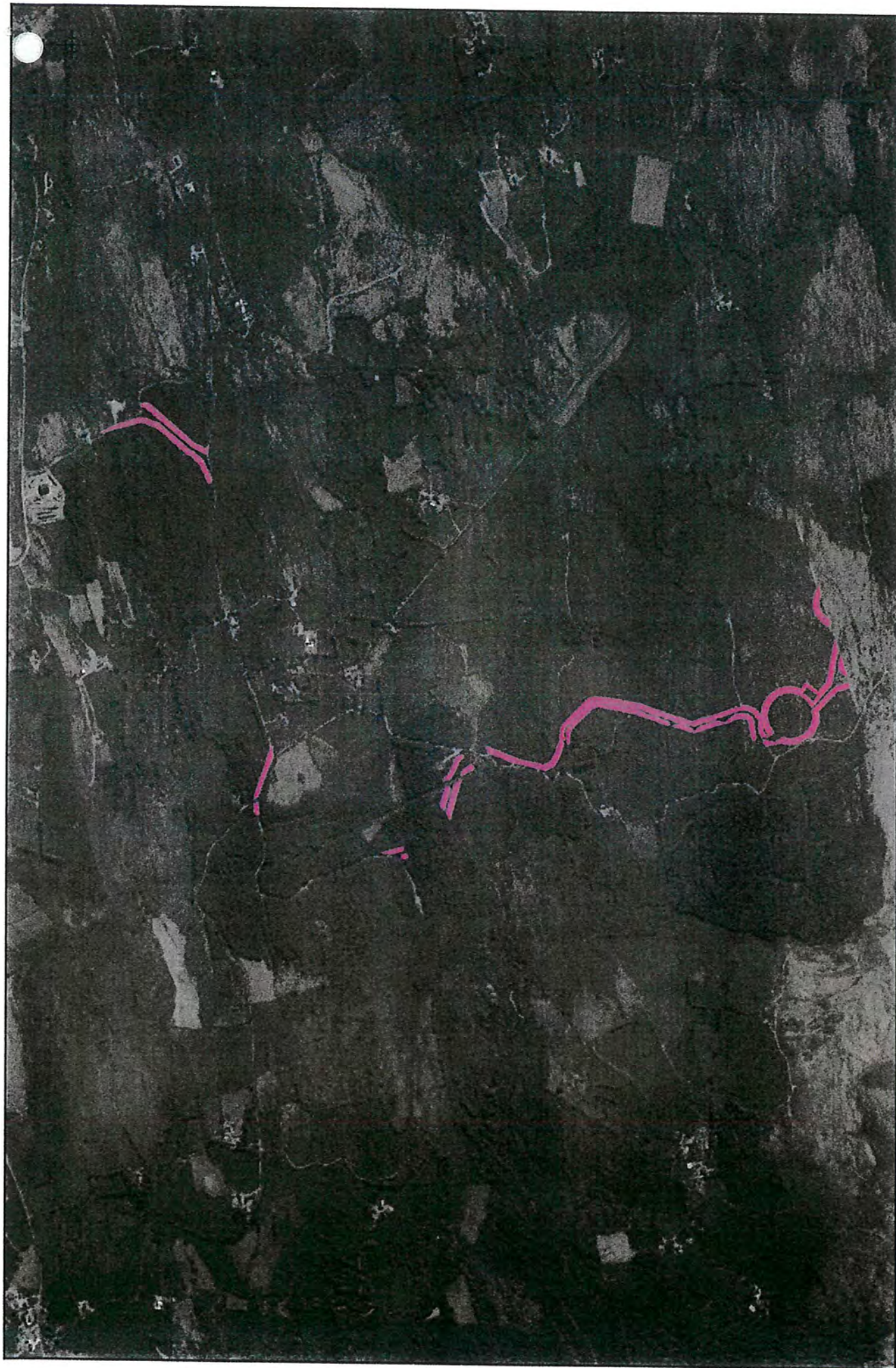
Scheduled for inclusion in the next revision of the RMP: Yes

Description: In pasture, on S-facing slope. Roughly circular area (32.5m N-S; 31.5m E-W) defined by earthen bank (int. H 0.4m; ext. H 0.9m) W->E; scarp (H 1.7m) elsewhere. Hedge extends from E into interior. Interior raised on S side to compensate for hillslope. Scarp truncated to SE due to extension of concrete yard to N of farmhouse.

The above description is derived from the published 'Archaeological Inventory of County Cork. Volume 3: Mid Cork' (Dublin: Stationery Office, 1997). In certain instances the entries have been revised and updated in the light of recent research.

Date of upload/revision: 14 January 2009





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Contract: **TFL00254018** Scale 1: 14390





ENERCO ENERGY LTD
LISSARDA BUSINESS PARK
LISSARDA
CO CORK

TFL00191818

11/09/2018

Dear Enerco Energy Ltd,

I refer to your application for a Tree Felling Licence and I am pleased to enclose same.

If you wish to appeal this decision/any condition of the licence, you may do so in writing within 28 days of the date of this letter, to the **Forestry Appeals Committee, Kilminchy Court, Portlaoise, Co. Laois (Lo-call 076 1064418 or 057 8631900)**. You are required to set out the grounds of your appeal and should include a statement of the facts and contentions upon which you intend to rely, enclosing any supporting documentary evidence you wish to have considered by the Appeals Committee.

Please note that under the Forestry Act 2014, FELLING OPERATIONS MUST NOT COMMENCE UNTIL AT LEAST 28 DAYS HAVE ELAPSED AFTER THE DATE OF SIGNATURE OF THIS LICENCE to allow for receipt of any appeal (from any party) by the Forestry Appeals Committee in relation to the granting of this licence.

Inspections of the plantation will be arranged at a later date to check on the utilisation of the licence.

Yours sincerely,

Felling Section, Forest Service
DAFM, Johnstown Castle Estate
Co. Wexford
076 1064459



**AN ROINN TALMHAÍOCHTA, BIA AGUS MARA
DEPARTMENT OF AGRICULTURE, FOOD AND THE MARINE**

FORESTRY ACT 2014 - TREE FELLING LICENCE

Pursuant to the powers vested in him under the Forestry Act 2014, the Minister for Agriculture, Food and the Marine hereby grants to the person specified in Schedule 1 (hereafter referred to as the Licensee) a licence authorising the felling of trees as specified in Schedule 2 subject to any conditions specified in any part of this licence.

This licence confers no title to the ownership of any land or trees specified herein. Where the licensee is not the owner of the land to which the licence relates, the conditions specified in the licence are binding on the owner of the land.

The authority granted under this licence does not remove the obligation on the licensee to abide by and fulfil the requirements of any other legislation.

During the period of the licence, the licence shall be for the benefit of the land and any owner thereof. (Under the Forestry Act 2014, "owner" is defined as "in relation to trees or a forest, means (a) the freehold owner, (b) the leasehold owner (if any), or (c) the occupier for the time being, of the lands concerned and includes Coillte Teoranta".)

Where the Licensee is not the owner as defined in the Forestry Act 2014, any conditions attached to this licence shall be binding on the owner.

Where an unexpired felling licence exists for any part of lands delineated in this Tree Felling Licence, it is important to note that this Tree Felling Licence will take precedence over the same areas delineated in the earlier licence.

The authority conferred by this licence will be exercisable for a period of 2 years from this date unless it is terminated by the Minister before the expiration of this period.

Signed on behalf of the Minister for Agriculture,
Food and the Marine

Date:

18/09/18

SCHEDULE 1: Licensee

Name of Licensee	Address of Licensee	Felling Licence Owner Number (FLO)	Company Registration Office Number (CRO No.)
ENERCO ENERGY LTD	LISSARDA BUSINESS PARK, LISSARDA, CO CORK,	FLO00132	

SCHEDULE 2 : Details of felling operations authorised under this licence and conditions attached to this licence

1. The authority conferred by this licence is to fell the tree species that are specified in Table 1 of this Schedule and are located within the boundaries of the land parcels listed in Table 1 which are delineated on the attached ortho-photograph(s).
2. The land parcel numbers listed in Table 1 of this Schedule identify the land parcels delineated on the attached ortho-photograph(s). (NOTE:- Only the last 3 digits of the parcel identity number are displayed on the map, for example, the number 12345678 in the table will appear on the maps as 678).
3. The authority conferred by this licence is to fell trees of the species shown in Table 1 within the associated land parcel.
4. It is a condition of this licence that, within the boundary of each land parcel, any tree felling carried out under the authority conferred by the licence must be in accordance with the specification for the Harvest Type associated with the land parcel in Table 1 of this Schedule. Schedule 4 provides the specification for each Harvest Type which must be adhered to.
5. It is a condition of this licence, to be known as the Replanting Condition, that each land parcel must be replanted in accordance with the replanting requirement for each Harvest Type. Schedule 3 lists the specific details of the replanting required under the Replanting Condition. Where the Minister through the authority granted under this licence is consenting to deforestation or to the permanent removal of single trees within any land parcel that is the subject of this licence but the Minister requires planting of an alternative site, the Replanting Condition shall be replaced with a condition called Alternative Planting Condition. In such circumstances, the Alternative Planting Conditions will be specified in this Schedule with the other conditions attached to this licence and it shall specify the requirements for the alternative site. (Deforestation takes the meaning defined in the Forestry Act 2014.)

Table 1

Information submitted by the licensee					
Plot No.	Area (ha) applied for by the licensee	Species	Harvest Type	Harvest Year	Land Parcel Number
1	1.54	Sitka spruce	Clearfell	2018	47186494
		Sitka spruce	Clearfell	2018	47187719
		Sitka spruce	Clearfell	2018	47187979
		Sitka spruce	Clearfell	2018	47188169
		Sitka spruce	Clearfell	2018	47188467
		Sitka spruce	Clearfell	2018	47188613
		Sitka spruce	Clearfell	2018	47188918
		Sitka spruce	Clearfell	2018	47189035
		Sitka spruce	Clearfell	2018	47189570
		Sitka spruce	Clearfell	2018	47189599
		Sitka spruce	Clearfell	2018	47189671
		Sitka spruce	Clearfell	2018	47189772
		Sitka spruce	Clearfell	2018	47189822
		Sitka spruce	Clearfell	2018	47197757
		Sitka spruce	Clearfell	2018	47197825
		Lodgepole Pine (North Coastal)	Clearfell	2018	47186494
		Lodgepole Pine (North Coastal)	Clearfell	2018	47187719
		Lodgepole Pine (North Coastal)	Clearfell	2018	47187979
		Lodgepole Pine (North Coastal)	Clearfell	2018	47188169
		Lodgepole Pine (North Coastal)	Clearfell	2018	47188467
		Lodgepole Pine (North Coastal)	Clearfell	2018	47188613
		Lodgepole Pine (North Coastal)	Clearfell	2018	47188918
		Lodgepole Pine (North Coastal)	Clearfell	2018	47189035
		Lodgepole Pine (North Coastal)	Clearfell	2018	47189570
		Lodgepole Pine (North Coastal)	Clearfell	2018	47189599
		Lodgepole Pine (North Coastal)	Clearfell	2018	47189671
		Lodgepole Pine (North Coastal)	Clearfell	2018	47189772
		Lodgepole Pine (North Coastal)	Clearfell	2018	47189822
		Lodgepole Pine (North Coastal)	Clearfell	2018	47197757
		Lodgepole Pine (North Coastal)	Clearfell	2018	47197825
		Common alder	Clearfell	2018	47186494
		Common alder	Clearfell	2018	47187719
		Common alder	Clearfell	2018	47187979
		Common alder	Clearfell	2018	47188169
		Common alder	Clearfell	2018	47188467
		Common alder	Clearfell	2018	47188613
		Common alder	Clearfell	2018	47188918
		Common alder	Clearfell	2018	47189035
		Common alder	Clearfell	2018	47189570
		Common alder	Clearfell	2018	47189599
		Common alder	Clearfell	2018	47189671
		Common alder	Clearfell	2018	47189772

		Common alder	Clearfell	2018	47189822
		Common alder	Clearfell	2018	47197757
		Common alder	Clearfell	2018	47197825
2	0.16	Sitka spruce	Clearfell	2018	47198017
		Sitka spruce	Clearfell	2018	47198036
		Sitka spruce	Clearfell	2018	47198136
		Common alder	Clearfell	2018	47198017
		Common alder	Clearfell	2018	47198036
		Common alder	Clearfell	2018	47198136

Other conditions attached to this licence

- (a) The licensee shall ensure that all felling and planting operations are carried out in accordance with Forestry and Water Quality, Forest Biodiversity, Forest Harvesting and the Environment, Forestry and Archaeology, Forestry and the Landscape and Forestry and Aerial Fertilisation guidelines and the Code of Best Forest Practice - Ireland and the Irish National Forest Standard published by the Department.
- (b) The licensee shall treat all conifer stumps with urea immediately upon tree felling where the soil type is mineral soil or where a peat soil is less than 25cm (excluding the litter layer). Treatment is not required where a conifer stand is being replanted with broadleaves, where the conifer nurse in a broadleaf stand is being removed or where broadleaves make up greater than 85 % of the stand. The correct solution mixing rate is 1kg of fertiliser grade urea, 5 litres of water and one bottle of dye. Urea should not be applied to stumps within the buffer zones required by the Forestry and Water Quality Guidelines nor by the Forestry and Freshwater Pearl Mussel Requirements. Treating stumps with urea will help prevent infection by butt rot (*Heterobasidion annosum*).
- (c) The licensee shall, until the expiration of eleven years from the date on which the authority conferred by the licence ceases to be exercisable or ten years from the date of planting, whichever is the later, preserve, in accordance with good forest practice, the trees planted as instructed in Schedule 3 and shall for that purpose maintain in good repair and effective condition all fences and other protection necessary to protect such trees from being injured or destroyed by the trespass of any animals.
- (d) All aerial fertilisation of restocking sites requires the prior written approval of this Department.
- (e) The public road network and associated roadside drainage must not be adversely affected whilst carrying out felling operations. The applicant may be held liable for any damage caused to a public road as a result of works and/or haulage operations associated with utilisation of this licence under the Roads Act 1993, Section 13(10)(a).
- (f) FELLING OPERATIONS MUST NOT COMMENCE UNTIL AT LEAST 28 DAYS HAVE ELAPSED AFTER THE DATE OF SIGNATURE OF THIS LICENCE to allow for receipt of any appeals (from any party) by the Forestry Appeals Committee in relation to the granting of this licence.
- (g) The enclosed Site Notice must be completed and erected in accordance with the Directions provided.

SCHEDULE 3 : Replanting

1. Under the Replanting Condition the licensee is obliged to plant trees (of species in numbers and stocking rate and by "type of planting") within the boundaries of the land parcels listed in Table 2.
2. The land parcels listed in Table 2 identify the land parcels delineated on the attached map(s) and ortho-photograph(s). (Note:- Only the last 3 digits of the parcel ID number are displayed on the maps, e.g. the number 12345678 in the table will appear on the map as 678.)
3. Under the authority conferred by this licence, the licensee must carry out replanting as outlined in Table 2 below, within a period of two years following each felling operation.
4. Replanting must be in accordance with the general practice of good forestry and to the satisfaction of the Minister.
5. Where an Alternative Planting Condition is attached to this licence, this condition will be listed in Schedule 2.

Table 2

Plot No.	Area (ha) applied for by the Licensee	No. of Trees to achieve minimum stocking requirement per hectare	Species	Restock Species Canopy %	Reforestation Objective	Land Parcel Number
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47186494
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47187719
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47187979
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47188169
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47188467
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47188613
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47188918
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47189035
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47189570
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47189599
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47189671
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47189772

1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47189822
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47197757
1	1.54	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47197825
2	.16	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47198017
2	.16	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47198036
2	.16	2500 trees	Lodgepole Pine (North Coastal)	100	CF	47198136

SCHEDULE 4

Harvest Type	Harvest Type Description
Clearfell	The felling of all trees within the boundaries of the relevant land parcel or any subset of that land parcel. It is a condition attached to this licence and this Harvest Type that the area felled be replanted as specified in schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.
Thinning	The felling of a portion of trees within the boundaries of the relevant land parcel or any subset of that land parcel to promote the growth and greater value of the remaining trees. Thinning is defined in the Forestry Act 2014 as <i>"the removal from a forest in accordance with good forest practice of excess or diseased trees, or trees of poor quality in order to improve the growth, health and value of the remaining trees"</i> .
Tending	Within the boundaries of the relevant land parcel or any subset of that land parcel, the felling of trees in the early stages of forest development to promote growth of the remaining trees. This Harvest Type is thinning as defined in the Forestry Act 2014, which is <i>"the removal from a forest in accordance with good forest practice of excess or diseased trees, or trees of poor quality in order to improve the growth, health and value of the remaining trees"</i> .
Continuous Cover Forestry	The felling of trees within the boundaries of the relevant land parcel or any subset of that land parcel to promote the natural regeneration of young trees. It is a condition of this licence that such natural regeneration must be managed in the manner specified in the Forest Management Plan submitted by the licensee and accepted by the Minister as part of the application for the licence. Such management may require planting trees where natural regeneration has not successfully achieved the required minimum stocking levels. The authority conferred under this licence is to fell no more than the number of trees specified for felling in the Forest Management Plan that has been accepted by the Minister.
Windblow	The clear felling of trees within the boundaries of the relevant forest land parcel or any subset of that land parcel following wind or storm damage. It is a condition attached to this licence and this Harvest Type that the area felled be replanted as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence
Open space	The felling of all trees within the boundaries of the relevant land parcel in order, for example, to create an aquatic buffer zone.
Single Trees	The felling of individual or isolated trees within the boundaries of the relevant land parcel. It is a condition attached to this licence and this Harvest Type that replanting within the boundaries of the relevant land parcel is undertaken as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.
Line of Trees	The felling of a line of trees (for example in a hedgerow) within the boundaries of the relevant land parcel. It is a condition attached to this licence and this Harvest Type that replanting within the boundaries of the relevant land parcel is undertaken as specified in Schedule 3 or an alternative area is planted as specified in Schedule 2 when an Alternative Planting Condition is attached to the licence.

FELLING SITE NOTICE

I/We _____

received a licence under section 7 of the Forestry Act 2014 from the **Department of Agriculture, Food and the Marine** in respect of tree felling

At this site

Townland(s): _____

County: _____

Licence Number: _____

Harvest Type	Description	Area (ha)
Clearfell	The felling of all trees on an area with replanting afterwards.	
Thinning	The felling of a portion of trees from the canopy to promote growth and greater value in the remaining trees.	
Tending	The felling of undesirable trees in the early stages of forest development to promote growth in the remaining trees.	
Continuous Cover Forestry	The felling of a portion of trees from the canopy to promote the regeneration of young trees.	
Windblow	The felling of trees on a site following wind/storm damage with replanting afterwards.	
Open Space	The felling of trees to create small open areas within the forest, e.g. an aquatic buffer zone.	
		Number of trees
Single Trees	The felling of individual or isolated trees.	
Line of Trees	The felling of a line of trees, e.g. Hedgerow.	

Expected dates of commencement and conclusion of the tree felling

_____ TO _____

The licence may be inspected free of charge, at the offices of the Forest Service, Department of Agriculture, Food and the Marine, Johnstown Castle Estate, Co. Wexford between 09.00 and 16.00 Monday to Friday (excluding Public Holidays) or may be purchased, at a fee not exceeding the reasonable cost of doing so, by request in writing (by post or e-mail) from Felling Section, Forest Service, Department of Agriculture, Food and the Marine, Johnstown Castle Estate, Co. Wexford; e-mail felling.forests@agriculture.gov.ie

Name of Agent (if applicable): _____

Date of Erection of Notice: _____

Directions for completing the Site Notice

1. The **name of the licensee** must be stated.
2. The **location, townland(s) or postal address** to which the licence refers must be stated so as to identify the location of the site in question. Where the development extends to more than one townland, all townlands must be stated.
3. The licence number (on the top right hand corner of Page 1 of the licence must be provided).
4. A description of the **nature and extent of the tree felling** must be stated on the site notice. You must include the following in your development description -
 - (a) Harvest type: clearfell, thinning, wind blow, CCF, etc
 - (b) Extent of felling: number of trees to be felled or area (ha) of the felling site
5. The dates upon which the work will commence and end (approximate dates will suffice) must be provided.
6. If an agent was acting on the licensee's behalf details must be entered.
7. The date that the notice is **erected or fixed at the site** must be stated.

Directions for erecting the Site Notice

The Site Notice must be securely erected at the entrance from the public road to the land to which the licence relates or, where no entrance exists, at the point where it is proposed to create an entrance, so as to be **easily visible and legible by persons using the public road, and shall not be obscured or concealed at any time.**

The Site Notice must be clearly legible, affixed on rigid, durable material and secured against damage from bad weather and other causes.

The Site Notice must be maintained in position on the land concerned for so long as the felling of trees is carried out or timber extraction is ongoing. The notice must be renewed or replaced if it is removed or becomes defaced or illegible within that period.

