



APPENDIX 13-7

**THE ARCHAEOLOGICAL OF
LEMANAGHAN BOG, CO. OFFALY**



The Archaeological of Lemanaghan bog, Co. Offaly

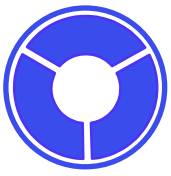
Report For

Bord Na Móna Energy Ltd.

Author

Dr. Charles Mount

Bord Na Móna Project Archaeologist



Introduction

This report on the known archaeological heritage in Lemanaghan Bog has been prepared to support an application for substitute consent for historic peat extraction and ancillary activities. Lemanaghan Bog is located c.3km northeast of Ferbane, Co. Offaly, to the north of the R436 road. The application area occupies the townlands of Cooldorragh, Cappanalosset, Killaghintober, Castlearmstrong, Leabeg, Lemanagh, Rosfaraghan, Derricamore, Lisdermot, Corbane, Cormore and Corbeg, Rashnagh, Straduff, Tumbleagh, Kilnagarnagh and Kilnagoolny and Derrynagun, and, on OS 6-inch sheet Offaly Nos. 7 and 15.

Methodology

This is a desk-based archaeological report that includes a collation of existing written and graphic information to identify the known archaeological heritage in Lemanaghan Bog. The extent of the substitute consent area in Lemanaghan Bog is indicated in Fig. 1. This area was examined using information from:

- The Record of Monuments and Places
- The Sites and Monuments Record (SMR) that is maintained by the Dept of Housing, Local Government and Heritage
- The Peatland Survey
- The Sites and Monuments Record, and
- Previous assessments.

Desktop assessment

Recorded Monuments

The Record of Monuments and Places (RMP) for Co. Offaly which was established under Section 12 of the National Monuments (Amendment) Act, 1994 was examined as part of the assessment (DAHGI 1995). This record was published by the Minister in 1995 and includes sites and monuments that were known in Lemanaghan Bog before that date. This review established that there are two RMPs, both enclosures, located in the proposed application area (see Table 1).

| RMP No | SMR CLASS | Cat No | Townland | ITN E | ITN N |
|---------------|-----------|-------------|-----------------|--------|--------|
| OF007-048---- | Enclosure | OF-LEM 0017 | LEMANAGHAN | 616797 | 728628 |
| OF007-049---- | Enclosure | - | CASTLEARMSTRONG | 617797 | 729528 |

Table 1. Monuments in the application area included in the Record of Monuments and Places.

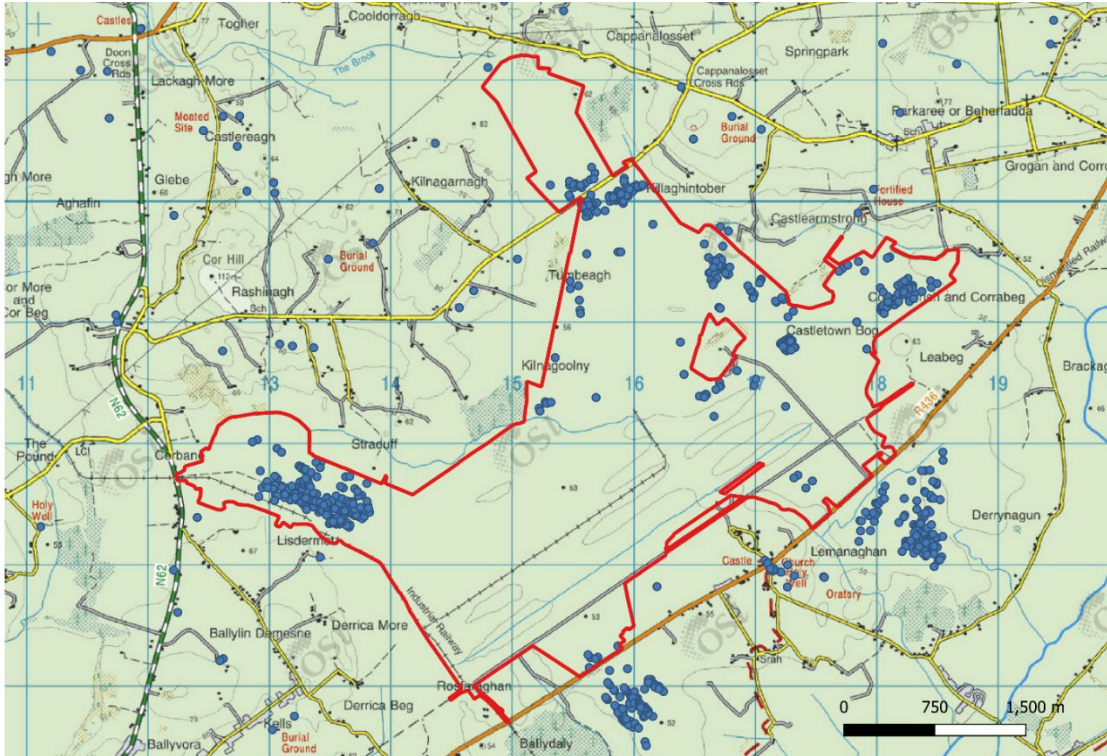


Fig. 1. Map showing the application area as outlined with a red line. SMRs are represented by blue dots.

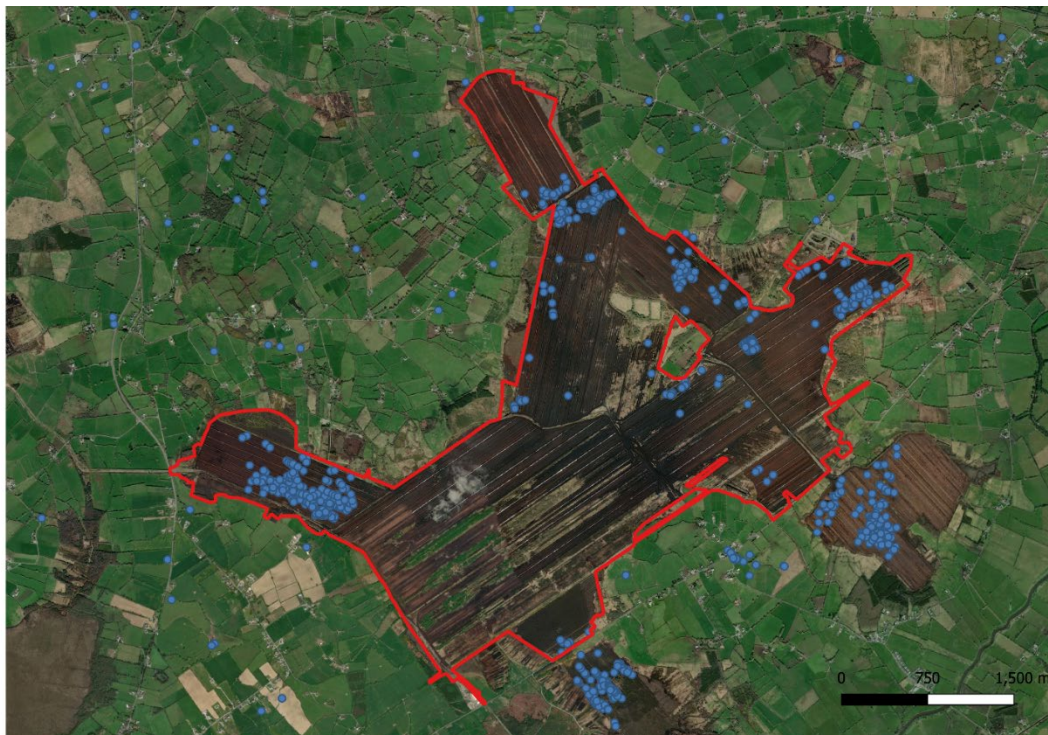


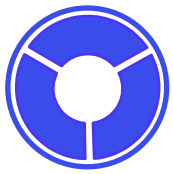
Fig. 2. Aerial imagery showing the application area as outlined with a red line. SMRs are represented by blue dots.



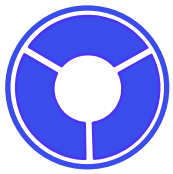
Peatland Survey

Lemanaghan Bog was surveyed by the Irish Archaeological Wetland Unit (IAWU) in 1993-4 as part of the Archaeological Survey of Ireland Peatland Survey (unlicensed). 470 sightings of archaeological material were made that were subsequently included in the Sites and Monuments Record (see Table 2 below).

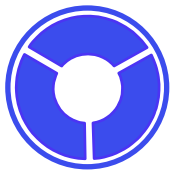
| SMR No | SMR CLASS | Cat No | Townland | ITN E | ITN N |
|---------------|-----------------------|----------------|------------------------|--------|--------|
| OF007-048---- | Enclosure | OF-LEM 0017 | LEMANAGHAN | 616797 | 728628 |
| OF007-049---- | Enclosure | - | CASTLEARMSTRONG | 617797 | 729528 |
| OF007-066---- | Structure - peatland | OF-TBH 0074 | CAPPANALOSSET | 615549 | 730176 |
| OF007-067---- | Structure - peatland | OF-TBH 0062 | CAPPANALOSSET | 615587 | 730203 |
| OF007-068---- | Structure - peatland | OF-TBH 0054 | CAPPANALOSSET | 615625 | 730258 |
| OF007-069---- | Structure - peatland | OF-TBH 0071 | CAPPANALOSSET | 615598 | 730306 |
| OF007-070---- | Structure - peatland | OF-TBH 0059 | CAPPANALOSSET | 615617 | 730210 |
| OF007-071---- | Structure - peatland | OF-KNY 0006 | TUMBEAGH | 615258 | 730159 |
| OF007-072---- | Structure - peatland | OF-TBH 0084 | TUMBEAGH | 615423 | 730057 |
| OF007-073---- | Structure - peatland | OF-TBH 0051 | TUMBEAGH | 615412 | 730076 |
| OF007-074---- | Structure - peatland | OF-TBH 0044 | TUMBEAGH | 615418 | 730157 |
| OF007-075---- | Road - class 2 togher | OF-TBH 0047 | TUMBEAGH | 615452 | 730159 |
| OF007-076---- | Structure - peatland | OF-TBH 0041 | TUMBEAGH | 615416 | 730191 |
| OF007-077---- | Structure - peatland | OF-TBH 0043 | TUMBEAGH | 615447 | 730137 |
| OF007-078---- | Structure - peatland | OF-TBH 0045 | TUMBEAGH | 615463 | 730171 |
| OF007-079---- | Road - class 2 togher | OF-TBH 0046 | TUMBEAGH | 615449 | 730163 |
| OF007-080---- | Structure - peatland | OF-TBH 0086 | TUMBEAGH | 615495 | 730150 |
| OF007-081---- | Structure - peatland | OF-TBH 0081 | TUMBEAGH | 615517 | 730138 |
| OF007-082---- | Structure - peatland | OF-TBH 0089 | TUMBEAGH | 615508 | 730157 |
| OF007-083---- | Road - class 1 togher | OF-TBH 0050 | CAPPANALOSSET,TUMBEAGH | 615506 | 730156 |
| OF007-084---- | Structure - peatland | OF-CLS 0002 | KILLAGHINTOBER | 616103 | 729836 |
| OF007-085---- | Road - class 2 togher | OF-KIT 0051 | KILLAGHINTOBER | 615770 | 730041 |
| OF007-086---- | Road - class 2 togher | OF-KIT 0009 | KILLAGHINTOBER | 616002 | 730144 |
| OF007-087---- | Road - class 3 togher | OF-KIT 0015 | KILLAGHINTOBER | 615994 | 730150 |
| OF007-088---- | Structure - peatland | OF-KIT 0011 | KILLAGHINTOBER | 615977 | 730140 |
| OF007-089---- | Structure - peatland | OF-KIT 0012 | KILLAGHINTOBER | 615966 | 730159 |
| OF007-090---- | Road - class 2 togher | OF-KIT 0013 | KILLAGHINTOBER | 615951 | 730124 |
| OF007-091---- | Structure - peatland | OF-KIT 0014 | KILLAGHINTOBER | 615945 | 730129 |
| OF007-092---- | Structure - peatland | OF-KIT 0015 | KILLAGHINTOBER | 615932 | 730139 |
| OF007-093---- | Structure - peatland | OF-KIT 0016 | KILLAGHINTOBER | 615980 | 730149 |
| OF007-094---- | Road - class 2 togher | OF-KIT 0017 | KILLAGHINTOBER | 615915 | 730105 |
| OF007-095---- | Structure - peatland | OF-KIT 0018 | KILLAGHINTOBER | 615932 | 730104 |
| OF007-096---- | Structure - peatland | OF-KIT 0019 | KILLAGHINTOBER | 615910 | 730121 |
| OF007-097---- | Structure - peatland | OF-KIT 0020 | KILLAGHINTOBER | 615901 | 730069 |
| OF007-098---- | Structure - peatland | OF-KIT 0021 | KILLAGHINTOBER | 615887 | 730073 |
| OF007-099---- | Structure - peatland | OF-KIT 0022 | KILLAGHINTOBER | 615887 | 730081 |
| OF007-100---- | Road - class 3 togher | OF-KIT 0023 | KILLAGHINTOBER | 615874 | 730098 |
| OF007-101---- | Structure - peatland | OF-KIT 0024 | KILLAGHINTOBER | 615877 | 730101 |
| OF007-102---- | Structure - peatland | OF-KIT 0025 | KILLAGHINTOBER | 615858 | 730008 |
| OF007-103---- | Structure - peatland | OF-KIT 0026 | KILLAGHINTOBER | 615861 | 730028 |
| OF007-104---- | Structure - peatland | OF-KIT 0027 | KILLAGHINTOBER | 615859 | 730096 |
| OF007-105---- | Structure - peatland | OF-KIT 0028 | KILLAGHINTOBER | 615854 | 730105 |
| OF007-106---- | Structure - peatland | OF-KIT 0029 | KILLAGHINTOBER | 615816 | 730110 |
| OF007-107---- | Structure - peatland | OF-KIT 0030 | KILLAGHINTOBER | 615874 | 730170 |
| OF007-108---- | Structure - peatland | OF-KIT 0031 | KILLAGHINTOBER | 615993 | 730141 |
| OF007-109---- | Structure - peatland | OF-KIT 0032 | KILLAGHINTOBER | 615867 | 730215 |
| OF007-110---- | Structure - peatland | OF-KIT 0033 | KILLAGHINTOBER | 615800 | 730031 |
| OF007-111---- | Structure - peatland | OF-KIT 0034 | KILLAGHINTOBER | 615751 | 730025 |
| OF007-112---- | Structure - peatland | OF-KIT 0035 | KILLAGHINTOBER | 615774 | 730067 |
| OF007-113---- | Structure - peatland | OF-KIT 0036 | KILLAGHINTOBER | 615759 | 730067 |
| OF007-114---- | Structure - peatland | OF-KIT 0037 | KILLAGHINTOBER | 615746 | 730071 |
| OF007-115---- | Road - class 3 togher | OF-KIT 0038 | KILLAGHINTOBER | 616022 | 730156 |
| OF007-116---- | Structure - peatland | OF-KIT 0039 | KILLAGHINTOBER | 615931 | 730137 |
| OF007-117---- | Structure - peatland | OF-KIT 0040 | KILLAGHINTOBER | 615911 | 730126 |



| | | | | | |
|---------------|-----------------------|-------------|----------------|--------|--------|
| OF007-118---- | Structure - peatland | OF-KIT 0041 | KILLAGHINTOBER | 615811 | 730081 |
| OF007-119---- | Structure - peatland | OF-KIT 0042 | KILLAGHINTOBER | 616017 | 730160 |
| OF007-120---- | Structure - peatland | OF-KIT 0043 | KILLAGHINTOBER | 615842 | 730081 |
| OF007-121---- | Road - class 3 togher | OF-KIT 0044 | KILLAGHINTOBER | 615822 | 730074 |
| OF007-122---- | Structure - peatland | OF-KIT 0045 | KILLAGHINTOBER | 615810 | 730086 |
| OF007-123---- | Structure - peatland | OF-KIT 0046 | KILLAGHINTOBER | 615804 | 730047 |
| OF007-124---- | Structure - peatland | OF-KIT 0047 | KILLAGHINTOBER | 615803 | 730053 |
| OF007-125---- | Structure - peatland | OF-KIT 0048 | KILLAGHINTOBER | 615805 | 730064 |
| OF007-126---- | Road - class 3 togher | OF-KIT 0049 | KILLAGHINTOBER | 615790 | 730067 |
| OF007-127---- | Structure - peatland | OF-KIT 0050 | KILLAGHINTOBER | 615791 | 730070 |
| OF007-128---- | Structure - peatland | OF-KIT 0051 | KILLAGHINTOBER | 615792 | 730076 |
| OF007-129---- | Structure - peatland | OF-KIT 0052 | KILLAGHINTOBER | 615757 | 730059 |
| OF007-130---- | Road - class 2 togher | OF-KIT 0053 | KILLAGHINTOBER | 615742 | 730060 |
| OF007-131---- | Structure - peatland | OF-KIT 0014 | KILLAGHINTOBER | 615776 | 730060 |
| OF007-132---- | Structure - peatland | OF-KIT 0054 | KILLAGHINTOBER | 615828 | 730095 |
| OF007-133---- | Structure - peatland | OF-KIT 0055 | KILLAGHINTOBER | 615864 | 730193 |
| OF007-134---- | Road - class 3 togher | OF-KNY 0001 | KILNAGOOLNY | 615165 | 728319 |
| OF007-135---- | Road - class 3 togher | OF-KNY 0002 | KILNAGOOLNY | 615217 | 728372 |
| OF007-136---- | Structure - peatland | OF-KNY 0003 | KILNAGOOLNY | 615298 | 728736 |
| OF007-137---- | Structure - peatland | OF-KNY 0004 | KILNAGOOLNY | 615635 | 728407 |
| OF007-138---- | Road - class 3 togher | OF-KNY 0005 | KILNAGOOLNY | 615172 | 728295 |
| OF007-139---- | Road - class 3 togher | OF-KNY 0006 | KILNAGOOLNY | 615235 | 728361 |
| OF007-140---- | Road - class 2 togher | OF-KNY 0007 | KILNAGOOLNY | 615226 | 728359 |
| OF007-141---- | Road - class 3 togher | OF-KNY 0008 | KILNAGOOLNY | 615263 | 728368 |
| OF007-142---- | Road - class 2 togher | OF-TBH 0059 | TUMBEAGH | 615599 | 729999 |
| OF007-143---- | Road - class 2 togher | OF-TBH 0066 | TUMBEAGH | 615564 | 729982 |
| OF007-144---- | Road - class 3 togher | OF-TBH 0055 | TUMBEAGH | 615709 | 729947 |
| OF007-145---- | Structure - peatland | OF-TBH 0056 | TUMBEAGH | 615642 | 729937 |
| OF007-146---- | Road - class 3 togher | OF-TBH 0057 | TUMBEAGH | 615641 | 730012 |
| OF007-147---- | Structure - peatland | OF-TBH 0058 | TUMBEAGH | 615605 | 729994 |
| OF007-148---- | Structure - peatland | OF-TBH 0059 | TUMBEAGH | 615608 | 730000 |
| OF007-149---- | Structure - peatland | OF-TBH 0055 | TUMBEAGH | 615589 | 729992 |
| OF007-150---- | Structure - peatland | OF-TBH 0056 | TUMBEAGH | 615588 | 729986 |
| OF007-151---- | Structure - peatland | OF-TBH 0057 | TUMBEAGH | 615586 | 729979 |
| OF007-152---- | Structure - peatland | OF-TBH 0058 | TUMBEAGH | 615585 | 729972 |
| OF007-153---- | Road - class 2 togher | OF-TBH 0059 | TUMBEAGH | 615576 | 729907 |
| OF007-154---- | Structure - peatland | OF-TBH 0060 | TUMBEAGH | 615841 | 730086 |
| OF007-155---- | Structure - peatland | OF-TBH 0061 | TUMBEAGH | 615552 | 729900 |
| OF007-156---- | Structure - peatland | OF-TBH 0062 | TUMBEAGH | 615562 | 729934 |
| OF007-157---- | Road - class 3 togher | OF-TBH 0063 | TUMBEAGH | 615562 | 729935 |
| OF007-158---- | Structure - peatland | OF-TBH 0064 | TUMBEAGH | 615575 | 729997 |
| OF007-159---- | Structure - peatland | OF-TBH 0065 | TUMBEAGH | 615585 | 730042 |
| OF007-160---- | Structure - peatland | OF-TBH 0066 | TUMBEAGH | 615592 | 730077 |
| OF007-161---- | Structure - peatland | OF-TBH 0067 | TUMBEAGH | 615565 | 730025 |
| OF007-162---- | Structure - peatland | OF-TBH 0068 | TUMBEAGH | 615539 | 729968 |
| OF007-163---- | Road - class 2 togher | OF-TBH 0069 | TUMBEAGH | 615540 | 729955 |
| OF007-164---- | Structure - peatland | OF-TBH 0070 | TUMBEAGH | 615522 | 729972 |
| OF007-165---- | Structure - peatland | OF-TBH 0071 | TUMBEAGH | 615527 | 729987 |
| OF007-166---- | Structure - peatland | OF-TBH 0072 | TUMBEAGH | 615528 | 729991 |
| OF007-167---- | Road - class 2 togher | OF-TBH 0073 | TUMBEAGH | 615817 | 729607 |
| OF007-168---- | Road - class 3 togher | OF-TBH 0074 | TUMBEAGH | 615839 | 729608 |
| OF007-169---- | Structure - peatland | OF-TBH 0075 | TUMBEAGH | 615574 | 729993 |
| OF007-170---- | Structure - peatland | OF-TBH 0076 | TUMBEAGH | 615513 | 729997 |
| OF007-171---- | Structure - peatland | OF-TBH 0077 | TUMBEAGH | 615525 | 729982 |
| OF007-172---- | Road - class 3 togher | OF-TBH 0078 | TUMBEAGH | 615421 | 729367 |
| OF007-173---- | Structure - peatland | OF-TBH 0079 | TUMBEAGH | 615423 | 729305 |
| OF007-174---- | Structure - peatland | OF-TBH 0080 | TUMBEAGH | 615490 | 729329 |
| OF007-175---- | Road - class 3 togher | OF-TBH 0081 | TUMBEAGH | 615497 | 729210 |
| OF007-176---- | Road - class 2 togher | OF-TBH 0082 | TUMBEAGH | 615503 | 729128 |
| OF007-177---- | Road - class 3 togher | OF-TBH 0083 | TUMBEAGH | 615506 | 729100 |
| OF007-178---- | Structure - peatland | OF-TBH 0084 | TUMBEAGH | 616360 | 728598 |
| OF007-179---- | Road - class 2 togher | OF-TBH 0085 | TUMBEAGH | 616330 | 728864 |
| OF007-197---- | Structure - peatland | OF-CAS 0001 | LEABEG | 617866 | 728807 |



| | | | | | |
|---------------|-----------------------|-------------|---|--------|--------|
| OF007-198---- | Structure - peatland | OF-CAS 0002 | LEABEG | 617980 | 729131 |
| OF007-199---- | Structure - peatland | OF-CAS 0003 | LEABEG | 617991 | 729117 |
| OF007-200---- | Structure - peatland | OF-CAS 0004 | LEABEG | 618010 | 729100 |
| OF007-201---- | Structure - peatland | OF-CAS 0005 | LEABEG | 617982 | 729153 |
| OF007-202---- | Structure - peatland | OF-CAS 0006 | LEABEG | 617991 | 729157 |
| OF007-203---- | Structure - peatland | OF-CAS 0007 | LEABEG | 618001 | 729158 |
| OF007-204---- | Structure - peatland | OF-CAS 0008 | LEABEG | 618000 | 729163 |
| OF007-205---- | Structure - peatland | OF-CAS 0009 | LEABEG | 618034 | 729153 |
| OF007-206---- | Road - class 3 togher | OF-CAS 0010 | LEABEG | 618052 | 729195 |
| OF007-207---- | Structure - peatland | OF-CAS 0011 | LEABEG | 618059 | 729181 |
| OF007-208---- | Road - class 2 togher | OF-CAS 0012 | LEABEG | 618039 | 729241 |
| OF007-209---- | Structure - peatland | OF-CAS 0013 | LEABEG | 618063 | 729184 |
| OF007-210---- | Structure - peatland | OF-CAS 0014 | LEABEG | 618066 | 729186 |
| OF007-211---- | Structure - peatland | OF-CAS 0015 | CASTLEARMSTRONG | 617977 | 729311 |
| OF007-212---- | Structure - peatland | OF-CAS 0016 | LEABEG | 618091 | 729172 |
| OF007-213---- | Structure - peatland | OF-CAS 0017 | LEABEG | 618099 | 729173 |
| OF007-214---- | Structure - peatland | OF-CAS 0018 | CASTLEARMSTRONG | 618001 | 729277 |
| OF007-215---- | Road - class 1 togher | OF-CAS 0019 | CORNAFURRISH AND CORRABEG | 618175 | 729324 |
| OF007-216---- | Structure - peatland | OF-CAS 0020 | LEABEG | 618090 | 729203 |
| OF007-217---- | Structure - peatland | OF-CAS 0021 | LEABEG | 618103 | 729223 |
| OF007-218---- | Structure - peatland | OF-CAS 0022 | LEABEG | 618111 | 729233 |
| OF007-219---- | Structure - peatland | OF-CAS 0023 | LEABEG | 618125 | 729194 |
| OF007-220---- | Structure - peatland | OF-CAS 0024 | LEABEG | 618128 | 729199 |
| OF007-221---- | Structure - peatland | OF-CAS 0025 | LEABEG | 618124 | 729263 |
| OF007-222---- | Structure - peatland | OF-CAS 0026 | LEABEG | 618168 | 729256 |
| OF007-223---- | Structure - peatland | OF-CAS 0027 | LEABEG | 618226 | 729241 |
| OF007-224---- | Structure - peatland | OF-CAS 0028 | LEABEG | 618218 | 729199 |
| OF007-225---- | Structure - peatland | OF-CAS 0029 | LEABEG | 618260 | 729263 |
| OF007-226---- | Structure - peatland | OF-CAS 0030 | LEABEG | 618253 | 729222 |
| OF007-227---- | Structure - peatland | OF-CAS 0031 | CASTLEARMSTRONG,CORNAFURRISH AND CORRABEG | 618122 | 729332 |
| OF007-228---- | Structure - peatland | OF-CAS 0032 | CASTLEARMSTRONG,CORNAFURRISH AND CORRABEG | 618151 | 729351 |
| OF007-229---- | Structure - peatland | OF-CAS 0033 | CASTLEARMSTRONG,CORNAFURRISH AND CORRABEG | 618206 | 729389 |
| OF007-230---- | Structure - peatland | OF-CAS 0034 | CASTLEARMSTRONG,CORNAFURRISH AND CORRABEG | 618177 | 729367 |
| OF007-231---- | Structure - peatland | OF-CAS 0035 | CORNAFURRISH AND CORRABEG | 618245 | 729331 |
| OF007-232---- | Structure - peatland | OF-CAS 0036 | CORNAFURRISH AND CORRABEG | 618241 | 729323 |
| OF007-233---- | Structure - peatland | OF-CAS 0037 | CORNAFURRISH AND CORRABEG | 618245 | 729306 |
| OF007-234---- | Structure - peatland | OF-CAS 0038 | CORNAFURRISH AND CORRABEG | 618214 | 729304 |
| OF007-235---- | Structure - peatland | OF-CAS 0039 | CORNAFURRISH AND CORRABEG | 618175 | 729294 |
| OF007-236---- | Structure - peatland | OF-CAS 0040 | LEABEG | 618171 | 729276 |
| OF007-237---- | Structure - peatland | OF-CAS 0041 | CORNAFURRISH AND CORRABEG | 618392 | 729369 |
| OF007-238---- | Structure - peatland | OF-CAS 0042 | CORNAFURRISH AND CORRABEG | 618445 | 729347 |
| OF007-239---- | Structure - peatland | OF-CAS 0043 | CORNAFURRISH AND CORRABEG | 618398 | 729316 |
| OF007-240---- | Structure - peatland | OF-CAS 0044 | CORNAFURRISH AND CORRABEG,LEABEG | 618320 | 729282 |
| OF007-241---- | Structure - peatland | OF-CAS 0045 | CASTLEARMSTRONG | 617217 | 729072 |
| OF007-242---- | Road - class 3 togher | OF-CAS 0046 | CASTLEARMSTRONG | 617261 | 729118 |
| OF007-243---- | Structure - peatland | OF-CAS 0047 | LEABEG | 618042 | 729197 |
| OF007-244---- | Structure - peatland | OF-CAS 0048 | CASTLEARMSTRONG | 618056 | 729566 |
| OF007-245---- | Structure - peatland | OF-CAS 0049 | CASTLEARMSTRONG | 617849 | 729450 |
| OF007-246---- | Structure - peatland | OF-CAS 0050 | CASTLEARMSTRONG | 617665 | 729469 |
| OF007-247---- | Structure - peatland | OF-CAS 0051 | CASTLEARMSTRONG | 617710 | 729499 |
| OF007-248---- | Structure - peatland | OF-CAS 0042 | CASTLEARMSTRONG | 618036 | 729558 |
| OF007-249---- | Structure - peatland | OF-CST 0001 | CASTLEARMSTRONG | 617207 | 728793 |
| OF007-250---- | Structure - peatland | OF-CST 0002 | CASTLEARMSTRONG | 617194 | 728802 |
| OF007-251---- | Structure - peatland | OF-CST 0003 | CASTLEARMSTRONG | 617155 | 728850 |
| OF007-252---- | Structure - peatland | OF-CST 0004 | CASTLEARMSTRONG | 617159 | 728856 |
| OF007-253---- | Structure - peatland | OF-CST 0005 | CASTLEARMSTRONG | 617164 | 728857 |
| OF007-254---- | Structure - peatland | OF-CST 0006 | CASTLEARMSTRONG | 617175 | 728866 |
| OF007-255---- | Structure - peatland | OF-CST 0007 | CASTLEARMSTRONG | 617250 | 728877 |



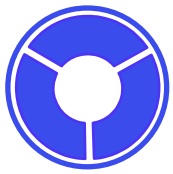
| | | | | | |
|---------------|-----------------------|-------------|-----------------------------|--------|--------|
| OF007-256---- | Road - class 2 togher | OF-CST 0008 | CASTLEARMSTRONG | 617197 | 728858 |
| OF007-257---- | Structure - peatland | OF-CST 0009 | CASTLEARMSTRONG | 617193 | 728878 |
| OF007-258---- | Road - class 3 togher | OF-CST 0010 | CASTLEARMSTRONG | 617215 | 728887 |
| OF007-259---- | Road - class 3 togher | OF-CST 0011 | CASTLEARMSTRONG | 617224 | 728894 |
| OF007-260---- | Road - class 3 togher | OF-CST 0012 | CASTLEARMSTRONG | 617226 | 728900 |
| OF007-261---- | Road - class 2 togher | OF-CST 0013 | CASTLEARMSTRONG | 617231 | 728886 |
| OF007-262---- | Structure - peatland | OF-CST 0014 | CASTLEARMSTRONG | 617234 | 728867 |
| OF007-263---- | Road - class 3 togher | OF-CST 0015 | CASTLEARMSTRONG | 617221 | 728863 |
| OF007-264---- | Road - class 3 togher | OF-CST 0016 | CASTLEARMSTRONG | 617221 | 728858 |
| OF007-265---- | Structure - peatland | OF-CST 0017 | CASTLEARMSTRONG | 617211 | 728854 |
| OF007-266---- | Structure - peatland | OF-CST 0018 | CASTLEARMSTRONG | 617202 | 728861 |
| OF007-267---- | Road - class 3 togher | OF-CST 0019 | CASTLEARMSTRONG | 617206 | 728868 |
| OF007-268---- | Road - class 3 togher | OF-CST 0020 | CASTLEARMSTRONG | 617217 | 728879 |
| OF007-269---- | Road - class 3 togher | OF-CST 0021 | CASTLEARMSTRONG | 617224 | 728885 |
| OF007-270---- | Road - class 3 togher | OF-CST 0022 | CASTLEARMSTRONG | 617227 | 728878 |
| OF007-271---- | Structure - peatland | OF-CST 0023 | CASTLEARMSTRONG | 617193 | 728819 |
| OF007-272---- | Road - class 3 togher | OF-CST 0024 | CASTLEARMSTRONG | 617237 | 728869 |
| OF007-273---- | Road - class 3 togher | OF-CST 0025 | CASTLEARMSTRONG | 617239 | 728870 |
| OF007-274---- | Structure - peatland | OF-CST 0026 | CASTLEARMSTRONG | 617275 | 728821 |
| OF007-275---- | Structure - peatland | OF-CST 0027 | CASTLEARMSTRONG | 617273 | 728819 |
| OF007-276---- | Road - class 3 togher | OF-CST 0028 | CASTLEARMSTRONG | 617268 | 728817 |
| OF007-277---- | Structure - peatland | OF-CST 0029 | CASTLEARMSTRONG | 617243 | 728800 |
| OF007-278---- | Structure - peatland | OF-CST 0030 | CASTLETOWN (Ballycowan By.) | 617177 | 728828 |
| OF007-279---- | Road - class 1 togher | OF-CST 0031 | CASTLEARMSTRONG | 616910 | 729285 |
| OF007-280---- | Road - class 1 togher | OF-CST 0032 | CASTLEARMSTRONG | 616989 | 729369 |
| OF007-281---- | Road - class 3 togher | OF-CST 0033 | CASTLEARMSTRONG | 616983 | 729352 |
| OF007-282---- | Structure - peatland | OF-CAS 0060 | CASTLEARMSTRONG | 616996 | 729383 |
| OF007-283---- | Structure - peatland | OF-CAS 0061 | CASTLEARMSTRONG | 617121 | 729193 |
| OF007-284---- | Road - class 3 togher | OF-CAS 0062 | CASTLEARMSTRONG | 617114 | 729203 |
| OF007-285---- | Structure - peatland | OF-CAS 0063 | CASTLEARMSTRONG | 617178 | 729215 |
| OF007-286---- | Road - class 3 togher | OF-CST 0006 | CASTLEARMSTRONG | 617166 | 729231 |
| OF007-287---- | Structure - peatland | OF-CST 0033 | CASTLEARMSTRONG | 616938 | 729258 |
| OF007-288---- | Structure - peatland | OF-CST 0033 | CASTLEARMSTRONG | 616928 | 729228 |
| OF007-289---- | Structure - peatland | OF-CST 0034 | CASTLEARMSTRONG | 616916 | 729282 |
| OF007-290---- | Structure - peatland | OF-CST 0035 | CASTLEARMSTRONG | 616904 | 729295 |
| OF007-291---- | Structure - peatland | OF-CST 0036 | CASTLEARMSTRONG | 616886 | 729328 |
| OF007-292---- | Structure - peatland | OF-CST 0037 | LEMANAGHAN | 616647 | 729151 |
| OF007-293---- | Structure - peatland | OF-CST 0038 | LEMANAGHAN | 616659 | 729143 |
| OF007-294---- | Road - class 2 togher | OF-TBH 0002 | KILLAGHINTOBER | 616679 | 729655 |
| OF007-296---- | Road - class 1 togher | OF-TBH 0003 | KILLAGHINTOBER | 616566 | 729434 |
| OF007-297---- | Structure - peatland | OF-TBH 0004 | KILLAGHINTOBER | 616630 | 729455 |
| OF007-298---- | Structure - peatland | OF-TBH 0005 | KILLAGHINTOBER | 616615 | 729468 |
| OF007-299---- | Structure - peatland | OF-TBH 0006 | KILLAGHINTOBER | 616577 | 729441 |
| OF007-300---- | Structure - peatland | OF-TBH 0007 | KILLAGHINTOBER | 616613 | 729424 |
| OF007-301---- | Road - class 2 togher | OF-TBH 0008 | KILLAGHINTOBER | 616633 | 729390 |
| OF007-302---- | Structure - peatland | OF-TBH 0009 | KILLAGHINTOBER | 616582 | 729375 |
| OF007-303---- | Structure - peatland | OF-TBH 0010 | KILLAGHINTOBER | 616607 | 729356 |
| OF007-304---- | Structure - peatland | OF-TBH 0011 | KILLAGHINTOBER | 616599 | 729337 |
| OF007-305---- | Road - class 2 togher | OF-TBH 0012 | KILLAGHINTOBER | 616692 | 729480 |
| OF007-306---- | Structure - peatland | OF-TBH 0013 | KILLAGHINTOBER | 616718 | 729419 |
| OF007-307---- | Road - class 3 togher | OF-TBH 0014 | KILLAGHINTOBER | 616691 | 729448 |
| OF007-308---- | Road - class 3 togher | OF-TBH 0015 | KILLAGHINTOBER | 616696 | 729447 |
| OF007-309---- | Road - class 2 togher | OF-TBH 0016 | KILLAGHINTOBER | 616728 | 729426 |
| OF007-310---- | Road - class 3 togher | OF-TBH 0017 | KILLAGHINTOBER | 616668 | 729507 |
| OF007-311---- | Structure - peatland | OF-TBH 0018 | KILLAGHINTOBER | 616630 | 729525 |
| OF007-312---- | Road - class 3 togher | OF-TBH 0019 | KILLAGHINTOBER | 616620 | 729538 |
| OF007-313---- | Structure - peatland | OF-TBH 0020 | KILLAGHINTOBER | 616701 | 729432 |
| OF007-314---- | Structure - peatland | OF-TBH 0021 | KILLAGHINTOBER | 616527 | 729673 |
| OF007-315---- | Structure - peatland | OF-TBH 0022 | KILLAGHINTOBER | 616652 | 729559 |
| OF007-316---- | Structure - peatland | OF-TBH 0023 | KILLAGHINTOBER | 616670 | 729543 |
| OF007-317---- | Structure - peatland | OF-TBH 0025 | KILLAGHINTOBER | 616562 | 729562 |
| OF007-318---- | Road - class 3 togher | OF-TBH 0026 | KILLAGHINTOBER | 616599 | 729531 |
| OF007-319---- | Road - class 3 togher | OF-TBH 0027 | KILLAGHINTOBER | 616617 | 729514 |



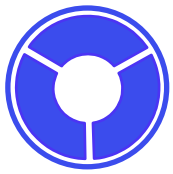
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| OF007-320---- | Road - class 3 togher | OF-TBH 0028 | KILLAGHINTOBER | 616622 | 729508 |
| OF007-321---- | Structure - peatland | OF-TBH 0029 | KILLAGHINTOBER | 616650 | 729498 |
| OF007-322---- | Road - class 3 togher | OF-TBH 0030 | KILLAGHINTOBER | 616737 | 729482 |
| OF007-323---- | Road - class 3 togher | OF-TBH 0037 | KILLAGHINTOBER | 616623 | 729529 |
| OF007-324---- | Road - class 3 togher | OF-TBH 0038 | KILLAGHINTOBER | 616603 | 729479 |
| OF007-326---- | Structure - peatland | OF-LEA 0001 | LEABEG | 617298 | 727767 |
| OF007-327---- | Road - gravel/stone trackway - peatland | OF-LEM 0001 | LEMANAGHAN | 617197 | 728333 |
| OF007-328---- | Structure - peatland | OF-LEM 0002 | LEMANAGHAN | 616937 | 728506 |
| OF007-329---- | Road - class 1 togher | OF-LEM 0003 | LEMANAGHAN | 616607 | 728252 |
| OF007-330---- | Structure - peatland | OF-LEM 0004 | LEMANAGHAN | 616951 | 728559 |
| OF007-331---- | Road - class 3 togher | OF-LEM 0005 | LEMANAGHAN | 616540 | 728434 |
| OF007-332---- | Road - class 3 togher | OF-LEA 0006 | LEMANAGHAN | 616536 | 728432 |
| OF007-333---- | Road - class 3 togher | OF-LEM 0007 | LEMANAGHAN | 616523 | 728423 |
| OF007-334---- | Structure - peatland | OF-LEM 0008 | LEMANAGHAN | 616513 | 728416 |
| OF007-335---- | Structure - peatland | OF-LEM 0009 | LEMANAGHAN | 616487 | 728418 |
| OF007-336---- | Road - class 2 togher | OF-LEM 0010 | LEMANAGHAN | 616545 | 728429 |
| OF007-337---- | Road - class 3 togher | OF-LEM 0011 | LEMANAGHAN | 616536 | 728427 |
| OF007-338---- | Structure - peatland | OF-LEM 0012 | LEMANAGHAN | 616652 | 728532 |
| OF007-339---- | Structure - peatland | OF-LEM 0013 | LEMANAGHAN | 616660 | 728500 |
| OF007-340---- | Structure - peatland | OF-LEM 0014 | LEMANAGHAN | 616653 | 728494 |
| OF007-341---- | Structure - peatland | OF-LEM 0015 | LEMANAGHAN | 616623 | 728473 |
| OF007-342---- | Road - class 2 togher | OF-LEM 0016 | LEMANAGHAN | 616527 | 728410 |
| OF007-345---- | Road - class 3 togher | OF-CAS 0049 | CASTLEARMSTRONG | 617638 | 729448 |
| OF007-346---- | Platform - peatland | OF-CAS 0050 | LEA BEG | 617784 | 729030 |
| OF007-347---- | Platform - peatland | OF-CAS 0051 | LEA BEG | 617784 | 729030 |
| OF007-348---- | Platform - peatland | OF-CAS 0051 | LEA BEG | 617784 | 729030 |
| OF007-350---- | Road - gravel/stone trackway - peatland | OF-TBH 0066 | TUMBEAGH | 615558 | 729591 |
| OF015-266---- | Structure - peatland | OF-CST 0018 | LEMANAGHAN | 617266 | 727745 |
| OF015-267---- | Structure - peatland | OF-CST 0019 | LEMANAGHAN | 617364 | 727661 |
| OF015-268---- | Structure - peatland | OF-LEM 0022 | LEMANAGHAN | 617418 | 727719 |
| OF015-269---- | Road - class 1 togher | OF-LEM 0023 | LEMANAGHAN | 615815 | 726358 |
| OF015-270---- | Road - class 1 togher | OF-LEM 0024 | LEMANAGHAN,ROSFARAGHAN | 615578 | 726180 |
| OF015-271---- | Structure - peatland | OF-LEM 0025 | LEMANAGHAN | 615589 | 726262 |
| OF015-272---- | Structure - peatland | OF-LEM 0027 | LEMANAGHAN | 615569 | 726286 |
| OF015-273---- | Structure - peatland | OF-LEM 0028 | LEMANAGHAN | 615649 | 726266 |
| OF015-274---- | Road - class 2 togher | OF-LEM 0028 | LEMANAGHAN | 615630 | 726253 |
| OF015-275---- | Structure - peatland | OF-LDT 0001 | LISDERMOT | 613257 | 727736 |
| OF015-276---- | Structure - peatland | OF-LDT 0002 | LISDERMOT | 613281 | 727644 |
| OF015-277---- | Structure - peatland | OF-LDT 0003 | LISDERMOT | 613236 | 727661 |
| OF015-278---- | Structure - peatland | OF-LDT 0004 | LISDERMOT | 613257 | 727651 |
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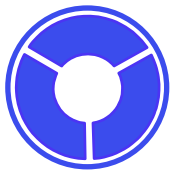
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| OF015-281---- | Road - class 2 togher | OF-LDT 0007 | LISDERMOT | 613488 | 727551 |
| OF015-282---- | Structure - peatland | OF-LDT 0008 | LISDERMOT | 613417 | 727583 |
| OF015-283---- | Structure - peatland | OF-LDT 0009 | LISDERMOT | 613290 | 727609 |
| OF015-284---- | Structure - peatland | OF-LDT 0010 | LISDERMOT | 613307 | 727611 |
| OF015-285---- | Structure - peatland | OF-LDT 0011 | LISDERMOT | 613414 | 727576 |
| OF015-286---- | Road - class 3 togher | OF-LDT 0012 | LISDERMOT | 613540 | 727534 |
| OF015-287---- | Structure - peatland | OF-LDT 0013 | LISDERMOT | 613551 | 727533 |
| OF015-288---- | Structure - peatland | OF-LDT 0014 | LISDERMOT | 613588 | 727516 |
| OF015-289---- | Structure - peatland | OF-LDT 0015 | LISDERMOT | 613576 | 727491 |
| OF015-290---- | Structure - peatland | OF-LDT 0016 | LISDERMOT | 613569 | 727493 |
| OF015-291---- | Structure - peatland | OF-LDT 0017 | LISDERMOT | 613568 | 727497 |
| OF015-292---- | Structure - peatland | OF-LDT 0018 | LISDERMOT | 613556 | 727496 |
| OF015-293---- | Structure - peatland | OF-LDT 0019 | LISDERMOT | 613494 | 727531 |
| OF015-294---- | Road - class 2 togher | OF-LDT 0020 | LISDERMOT | 613529 | 727512 |
| OF015-295---- | Structure - peatland | OF-LDT 0021 | LISDERMOT | 613499 | 727523 |
| OF015-296---- | Structure - peatland | OF-LDT 0022 | LISDERMOT | 613473 | 727535 |
| OF015-297---- | Road - class 2 togher | OF-LDT 0023 | LISDERMOT | 613564 | 727513 |
| OF015-298---- | Road - class 2 togher | OF-LDT 0024 | LISDERMOT | 613519 | 727534 |
| OF015-299---- | Structure - peatland | OF-LDT 0025 | LISDERMOT | 613592 | 727492 |
| OF015-300---- | Structure - peatland | OF-LDT 0026 | LISDERMOT | 613168 | 727562 |
| OF015-301---- | Structure - peatland | OF-LDT 0027 | LISDERMOT | 613725 | 727427 |
| OF015-302---- | Structure - peatland | OF-LDT 0028 | LISDERMOT | 613658 | 727440 |
| OF015-303---- | Road - class 2 togher | OF-LDT 0029 | LISDERMOT | 613493 | 727596 |
| OF015-304---- | Structure - peatland | OF-LDT 0030 | LISDERMOT | 613567 | 727446 |
| OF015-305---- | Structure - peatland | OF-LDT 0031 | LISDERMOT | 613572 | 727466 |
| OF015-306---- | Structure - peatland | OF-LDT 0032 | LISDERMOT | 613333 | 727612 |
| OF015-307---- | Structure - peatland | OF-LDT 0033 | LISDERMOT | 613456 | 727554 |
| OF015-308---- | Structure - peatland | OF-LDT 0034 | LISDERMOT | 613246 | 727633 |
| OF015-309---- | Structure - peatland | OF-LDT 0035 | LISDERMOT | 613007 | 727740 |
| OF015-310---- | Structure - peatland | OF-LDT 0037 | LISDERMOT | 613169 | 727661 |
| OF015-311---- | Structure - peatland | OF-LDT 0038 | LISDERMOT | 613179 | 727660 |
| OF015-312---- | Road - class 3 togher | OF-LDT 0039 | LISDERMOT | 613191 | 727648 |
| OF015-313---- | Structure - peatland | OF-LDT 0040 | LISDERMOT | 613200 | 727649 |
| OF015-314---- | Structure - peatland | OF-LDT 0041 | LISDERMOT | 613203 | 727645 |
| OF015-315---- | Structure - peatland | OF-LDT 0042 | LISDERMOT | 613209 | 727641 |
| OF015-316---- | Road - class 2 togher | OF-LDT 0043 | LISDERMOT | 613224 | 727603 |
| OF015-317---- | Road - class 2 togher | OF-LDT 0044 | LISDERMOT | 613234 | 727640 |
| OF015-318---- | Road - class 2 togher | OF-LDT 0045 | LISDERMOT | 613238 | 727643 |
| OF015-319---- | Structure - peatland | OF-LDT 0046 | LISDERMOT | 613239 | 727649 |
| OF015-320---- | Structure - peatland | OF-LDT 0047 | LISDERMOT | 613227 | 727665 |
| OF015-321---- | Structure - peatland | OF-LDT 0048 | LISDERMOT | 613202 | 727668 |
| OF015-322---- | Structure - peatland | OF-LDT 0049 | LISDERMOT | 613190 | 727674 |
| OF015-323---- | Road - class 3 togher | OF-LDT 0050 | LISDERMOT | 613216 | 727605 |
| OF015-324---- | Structure - peatland | OF-LDT 0051 | LISDERMOT | 613214 | 727598 |
| OF015-325---- | Road - class 2 togher | OF-LDT 0052 | LISDERMOT | 613236 | 727548 |
| OF015-326---- | Structure - peatland | OF-LDT 0053 | LISDERMOT | 613290 | 727596 |
| OF015-327---- | Road - class 3 togher | OF-LDT 0054 | LISDERMOT | 613316 | 727566 |
| OF015-328---- | Structure - peatland | OF-LDT 0055 | LISDERMOT | 613175 | 727624 |
| OF015-329---- | Structure - peatland | OF-LDT 0056 | LISDERMOT | 613348 | 727552 |
| OF015-330---- | Structure - peatland | OF-LDT 0058 | LISDERMOT | 613130 | 727630 |
| OF015-331---- | Structure - peatland | OF-LDT 0059 | LISDERMOT | 613130 | 727643 |
| OF015-332---- | Structure - peatland | OF-LDT 0060 | LISDERMOT | 613113 | 727651 |
| OF015-333---- | Road - class 3 togher | OF-LDT 0061 | LISDERMOT | 613239 | 727544 |
| OF015-334---- | Structure - peatland | OF-LDT 0062 | LISDERMOT | 613097 | 727658 |
| OF015-335---- | Structure - peatland | OF-LDT 0063 | LISDERMOT | 613092 | 727661 |
| OF015-336---- | Structure - peatland | OF-LDT 0064 | LISDERMOT | 613085 | 727662 |
| OF015-337---- | Structure - peatland | OF-LDT 0065 | LISDERMOT | 613043 | 727678 |
| OF015-338---- | Structure - peatland | OF-LDT 0066 | LISDERMOT | 613421 | 727536 |
| OF015-339---- | Structure - peatland | OF-LDT 0067 | LISDERMOT | 613444 | 727403 |
| OF015-341---- | Road - class 2 togher | OF-LDT 0068 | LISDERMOT | 613280 | 727529 |
| OF015-342---- | Structure - peatland | OF-LDT 0070 | LISDERMOT | 613350 | 727462 |
| OF015-343---- | Road - class 2 togher | OF-LDT 0071 | LISDERMOT | 613305 | 727504 |



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| OF015-344---- | Structure - peatland | OF-LDT 0072 | LISDERMOT | 613315 | 727550 |
| OF015-345---- | Post row - peatland | OF-LDT 0073 | LISDERMOT | 613250 | 727492 |
| OF015-346---- | Structure - peatland | OF-LDT 0074 | LISDERMOT | 613232 | 727537 |
| OF015-347---- | Road - class 3 togher | OF-LDT 0075 | LISDERMOT | 613219 | 727554 |
| OF015-348---- | Structure - peatland | OF-LDT 0076 | LISDERMOT | 613211 | 727557 |
| OF015-349---- | Structure - peatland | OF-LDT 0077 | LISDERMOT | 613190 | 727566 |
| OF015-350---- | Structure - peatland | OF-LDT 0078 | LISDERMOT | 613217 | 727531 |
| OF015-351---- | Structure - peatland | OF-LDT 0079 | LISDERMOT | 613206 | 727542 |
| OF015-352---- | Structure - peatland | OF-LDT 0080 | LISDERMOT | 613116 | 727562 |
| OF015-353---- | Structure - peatland | OF-LDT 0081 | LISDERMOT | 613113 | 727566 |
| OF015-354---- | Structure - peatland | OF-LDT 0082 | LISDERMOT | 613563 | 727472 |
| OF015-355---- | Structure - peatland | OF-LDT 0083 | LISDERMOT | 613517 | 727489 |
| OF015-356---- | Structure - peatland | OF-LDT 0084 | LISDERMOT | 613527 | 727480 |
| OF015-357---- | Road - class 3 togher | OF-LDT 0085 | LISDERMOT | 613561 | 727474 |
| OF015-358---- | Structure - peatland | OF-LDT 0086 | LISDERMOT | 613577 | 727463 |
| OF015-359---- | Structure - peatland | OF-LDT 0087 | LISDERMOT | 613584 | 727459 |
| OF015-360---- | Structure - peatland | OF-LDT 0088 | LISDERMOT | 613625 | 727446 |
| OF015-361---- | Structure - peatland | OF-LDT 0089 | LISDERMOT | 613648 | 727433 |
| OF015-362---- | Structure - peatland | OF-LDT 0090 | LISDERMOT | 613685 | 727422 |
| OF015-363---- | Structure - peatland | OF-LDT 0091 | LISDERMOT | 613707 | 727409 |
| OF015-364---- | Structure - peatland | OF-LDT 0092 | LISDERMOT | 613541 | 727490 |
| OF015-365---- | Road - class 3 togher | OF-LDT 0093 | LISDERMOT | 613250 | 727585 |
| OF015-366---- | Structure - peatland | OF-LDT 0094 | LISDERMOT | 613463 | 727523 |
| OF015-367---- | Structure - peatland | OF-LDT 0095 | LISDERMOT | 613426 | 727534 |
| OF015-368---- | Structure - peatland | OF-LDT 0096 | LISDERMOT | 613416 | 727525 |
| OF015-369---- | Structure - peatland | OF-LDT 0097 | LISDERMOT | 613413 | 727539 |
| OF015-370---- | Structure - peatland | OF-LDT 0098 | LISDERMOT | 613402 | 727548 |
| OF015-371---- | Structure - peatland | OF-LDT 0099 | LISDERMOT | 613391 | 727543 |
| OF015-372---- | Structure - peatland | OF-LDT 0100 | LISDERMOT | 613382 | 727550 |
| OF015-373---- | Structure - peatland | OF-LDT 0101 | LISDERMOT | 612987 | 727692 |
| OF015-374---- | Structure - peatland | OF-LDT 0102 | LISDERMOT | 613016 | 727677 |
| OF015-375---- | Structure - peatland | OF-LDT 0103 | LISDERMOT | 613046 | 727669 |
| OF015-376---- | Structure - peatland | OF-LDT 0104 | LISDERMOT | 613100 | 727647 |
| OF015-377---- | Structure - peatland | OF-LDT 0105 | LISDERMOT | 613166 | 727611 |
| OF015-378---- | Structure - peatland | OF-LDT 0106 | LISDERMOT | 613302 | 727557 |
| OF015-379---- | Structure - peatland | OF-LDT 0107 | LISDERMOT | 613340 | 727541 |
| OF015-380---- | Structure - peatland | OF-LDT 0108 | LISDERMOT | 613324 | 727551 |
| OF015-381---- | Structure - peatland | OF-LDT 0109 | LISDERMOT | 613361 | 727544 |
| OF015-382---- | Structure - peatland | OF-LDT 0110 | LISDERMOT | 613203 | 727594 |
| OF015-383---- | Structure - peatland | OF-LDT 0111 | LISDERMOT | 613178 | 727604 |
| OF015-384---- | Structure - peatland | OF-LDT 0112 | LISDERMOT | 613156 | 727614 |
| OF015-385---- | Structure - peatland | OF-LDT 0113 | LISDERMOT | 612881 | 727663 |
| OF015-386---- | Structure - peatland | OF-LDT 0114 | LISDERMOT | 612913 | 727684 |
| OF015-387---- | Structure - peatland | OF-LDT 0115 | LISDERMOT | 613234 | 727512 |
| OF015-388---- | Structure - peatland | OF-LDT 0116 | LISDERMOT | 613248 | 727500 |
| OF015-389---- | Structure - peatland | OF-LDT 0117 | LISDERMOT | 613249 | 727483 |
| OF015-390---- | Structure - peatland | OF-LDT 0118 | LISDERMOT | 613359 | 727482 |
| OF015-391---- | Structure - peatland | OF-LDT 0119 | LISDERMOT | 613363 | 727480 |
| OF015-392---- | Structure - peatland | OF-LDT 0120 | LISDERMOT | 613380 | 727473 |
| OF015-393---- | Structure - peatland | OF-LDT 0121 | LISDERMOT | 613420 | 727471 |
| OF015-394---- | Structure - peatland | OF-LDT 0122 | LISDERMOT | 613427 | 727448 |
| OF015-395---- | Structure - peatland | OF-LDT 0123 | LISDERMOT | 613412 | 727439 |
| OF015-396---- | Structure - peatland | OF-LDT 0124 | LISDERMOT | 613481 | 727412 |
| OF015-409---- | Structure - peatland | OF-LDT 0138 | LISDERMOT | 613501 | 727417 |
| OF015-414---- | Road - class 3 togher | OF-LDT 0144 | LISDERMOT | 613251 | 727589 |
| OF015-416---- | Structure - peatland | OF-LDT 0146 | LISDERMOT | 612924 | 727714 |
| OF015-417---- | Structure - peatland | OF-LDT 0147 | LISDERMOT | 612988 | 727685 |
| OF015-418---- | Structure - peatland | OF-LDT 0148 | LISDERMOT | 613155 | 727585 |
| OF015-419---- | Structure - peatland | OF-LDT 0149 | LISDERMOT | 613062 | 727616 |
| OF015-420---- | Structure - peatland | OF-LDT 0101 | LISDERMOT | 612973 | 727653 |
| OF015-421---- | Structure - peatland | OF-LDT 0151 | LISDERMOT | 612928 | 727664 |
| OF015-422---- | Structure - peatland | OF-LDT 0152 | LISDERMOT | 612994 | 727603 |
| OF015-423---- | Structure - peatland | OF-LDT 0153 | LISDERMOT | 613007 | 727596 |



| | | | | | |
|---------------|---|-------------|--------------------|--------|--------|
| OF015-424---- | Structure - peatland | OF-LDT 0154 | LISDERMOT | 613069 | 727582 |
| OF015-425---- | Structure - peatland | OF-LDT 0155 | LISDERMOT | 612985 | 727558 |
| OF015-426---- | Structure - peatland | OF-LDT 0156 | LISDERMOT | 612855 | 727590 |
| OF015-427---- | Structure - peatland | OF-LDT 0158 | LISDERMOT | 613483 | 727491 |
| OF015-428---- | Structure - peatland | OF-LDT 0159 | LISDERMOT | 613644 | 727486 |
| OF015-429---- | Structure - peatland | OF-LDT 0160 | LISDERMOT | 613543 | 727572 |
| OF015-430---- | Structure - peatland | OF-LDT 0161 | LISDERMOT | 613586 | 727553 |
| OF015-431---- | Structure - peatland | OF-LDT 0162 | LISDERMOT | 613701 | 727488 |
| OF015-432---- | Structure - peatland | OF-LDT 0163 | LISDERMOT | 613306 | 727622 |
| OF015-433---- | Structure - peatland | OF-LDT 0164 | LISDERMOT | 613391 | 727521 |
| OF015-434---- | Structure - peatland | OF-LDT 0165 | LISDERMOT | 613246 | 727639 |
| OF015-435---- | Structure - peatland | OF-LDT 0166 | LISDERMOT | 613128 | 727677 |
| OF015-436---- | Structure - peatland | OF-LDT 0167 | LISDERMOT | 613211 | 727656 |
| OF015-437---- | Structure - peatland | OF-LDT 0168 | LISDERMOT | 612988 | 727758 |
| OF015-438---- | Structure - peatland | OF-LDT 0169 | LISDERMOT | 613193 | 727709 |
| OF015-439---- | Structure - peatland | OF-LDT 0170 | LISDERMOT | 613215 | 727692 |
| OF015-440---- | Structure - peatland | OF-LDT 0171 | LISDERMOT | 613233 | 727690 |
| OF015-441---- | Road - class 2 togher | OF-LDT 0172 | LISDERMOT | 613257 | 727691 |
| OF015-442---- | Structure - peatland | OF-LDT 0173 | LISDERMOT | 613245 | 727708 |
| OF015-443---- | Structure - peatland | OF-LDT 0174 | LISDERMOT | 613222 | 727722 |
| OF015-444---- | Structure - peatland | OF-LDT 0175 | LISDERMOT | 613266 | 727702 |
| OF015-445---- | Structure - peatland | OF-LDT 0176 | LISDERMOT | 613281 | 727672 |
| OF015-446---- | Road - class 3 togher | OF-LDT 0178 | LISDERMOT | 613244 | 727577 |
| OF015-447---- | Road - class 3 togher | OF-LDT 0179 | LISDERMOT | 613243 | 727577 |
| OF015-448---- | Structure - peatland | OF-LDT 0180 | LISDERMOT | 613243 | 727577 |
| OF015-449---- | Structure - peatland | OF-LDT 0181 | LISDERMOT | 613071 | 727609 |
| OF015-450---- | Road - class 3 togher | OF-RSH 0001 | RASHINAGH | 613226 | 727813 |
| OF015-451---- | Structure - peatland | OF-RSH 0002 | RASHINAGH | 613187 | 727843 |
| OF015-452---- | Structure - peatland | OF-RSH 0003 | RASHINAGH | 613236 | 727803 |
| OF015-453---- | Structure - peatland | OF-RSH 0004 | RASHINAGH | 613204 | 727827 |
| OF015-454---- | Structure - peatland | OF-RSH 0005 | RASHINAGH | 613206 | 727836 |
| OF015-455---- | Structure - peatland | OF-RSH 0006 | RASHINAGH | 613204 | 727827 |
| OF015-456---- | Structure - peatland | OF-RSH 0007 | RASHINAGH | 613226 | 727820 |
| OF015-457---- | Structure - peatland | OF-RSH 0008 | RASHINAGH | 613243 | 727815 |
| OF015-458---- | Structure - peatland | OF-RSH 0010 | RASHINAGH | 613243 | 727740 |
| OF015-459---- | Structure - peatland | OF-RSH 0013 | RASHINAGH | 612843 | 728059 |
| OF015-460---- | Structure - peatland | OF-RSH 0014 | RASHINAGH | 613005 | 727988 |
| OF015-461---- | Structure - peatland | OF-RSH 0015 | RASHINAGH | 612803 | 728042 |
| OF015-462---- | Structure - peatland | OF-RSH 0016 | RASHINAGH | 612867 | 727802 |
| OF015-463---- | Structure - peatland | OF-RSH 0017 | RASHINAGH | 613043 | 727956 |
| OF015-464---- | Road - gravel/stone trackway - peatland | OF-STD 0001 | STRADUFF | 613334 | 727754 |
| OF015-465---- | Structure - peatland | OF-STD 0002 | LISDERMOT,STRADUFF | 613359 | 727876 |
| OF015-466---- | Structure - peatland | OF-STD 0003 | STRADUFF | 613571 | 727754 |
| OF015-467---- | Structure - peatland | OF-STD 0004 | STRADUFF | 613646 | 727656 |
| OF015-468---- | Structure - peatland | OF-STD 0005 | STRADUFF | 613684 | 727611 |
| OF015-469---- | Road - class 2 togher | OF-STD 0006 | STRADUFF | 613704 | 727601 |
| OF015-470---- | Structure - peatland | OF-STD 0007 | STRADUFF | 613552 | 727662 |
| OF015-471---- | Road - class 3 togher | OF-STD 0008 | STRADUFF | 613755 | 727515 |
| OF015-472---- | Structure - peatland | OF-STD 0009 | STRADUFF | 613286 | 727789 |
| OF015-473---- | Structure - peatland | OF-STD 0010 | STRADUFF | 613747 | 727552 |
| OF015-474---- | Structure - peatland | OF-STD 0011 | LISDERMOT | 613628 | 727549 |
| OF015-475---- | Structure - peatland | OF-STD 0012 | STRADUFF | 613676 | 727596 |
| OF015-476---- | Structure - peatland | OF-STD 0013 | LISDERMOT,STRADUFF | 613607 | 727539 |
| OF015-477---- | Structure - peatland | OF-STD 0014 | STRADUFF | 613529 | 727674 |
| OF015-478---- | Structure - peatland | OF-STD 0015 | STRADUFF | 613366 | 727871 |
| OF015-479---- | Structure - peatland | OF-STD 0016 | STRADUFF | 613328 | 727872 |
| OF015-480---- | Structure - peatland | OF-STD 0017 | LISDERMOT | 613633 | 727531 |
| OF015-481---- | Structure - peatland | OF-STD 0018 | LISDERMOT | 613742 | 727471 |
| OF015-482---- | Structure - peatland | OF-STD 0019 | LISDERMOT | 613693 | 727501 |
| OF015-483---- | Structure - peatland | OF-STD 0020 | LISDERMOT | 613769 | 727462 |
| OF015-484---- | Structure - peatland | OF-STD 0021 | LISDERMOT,STRADUFF | 613759 | 727494 |
| OF015-485---- | Structure - peatland | OF-STD 0023 | STRADUFF | 613605 | 727757 |



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|---------------|----------------------|-------------|----------|--------|--------|
| OF015-486---- | Structure - peatland | OF-STD 0024 | STRADUFF | 613668 | 727633 |
| OF015-487---- | Structure - peatland | OF-STD 0025 | STRADUFF | 613360 | 727829 |
| OF015-488---- | Structure - peatland | OF-STD 0026 | STRADUFF | 613746 | 727699 |

Table 2. Sightings of archaeological material made during the IAWU Survey 1993-4 in the application area entered in the SMR

Lemanaghan assessment and mitigation survey 1998

The 1998 assessment and mitigation survey identified no sightings of archaeological material in the application area (McDermott *et al.* 1999).

Peatland Excavations

In the year 1999, 28 sightings of archaeological material were excavated as part of the Peatland Excavations programme 1999-2000 (see Table 3 below).

| Licence No. | Class | Townland | Dates | No Cuttings | Reference |
|------------------|---|---------------------------|---|-------------|---------------------------|
| 00E0493 | class 3 togther | Leabeg | AD 1407 | 1 | Whitaker & O'Carroll 2009 |
| 99E0287 | class 2 togther | Castlearmstrong | AD 1490-1659 | 1 | Whitaker & O'Carroll 2009 |
| 99E0288 | class 3 togther | Castlearmstrong | Late medieval | 1 | Whitaker & O'Carroll 2009 |
| 99E0289 | class 3 togther | Castlearmstrong | AD 1492-1661 | 1 | Whitaker & O'Carroll 2009 |
| 99E0290 | class 3 togther | Castlearmstrong | AD 1450-1628 | 1 | Whitaker & O'Carroll 2009 |
| 99E0291 | Platform, class 3 togther, class 3 togther, class 3 togther | Castlearmstrong | AD 1486-1652 | 4 | Whitaker & O'Carroll 2009 |
| 99E0292 | class 3 togther | Castlearmstrong | late medieval | 1 | Whitaker & O'Carroll 2009 |
| 99E0325 | class 3 togther | Castlearmstrong | Undated | 1 | Whitaker & O'Carroll 2009 |
| 99E0326 | class 2 togther | Castlearmstrong | AD 647±9 BC, 650±9 BC, 685±9 BC, 651±9 BC | 1 | Whitaker & O'Carroll 2009 |
| 99E0377 | class 2 togther | Tumbeagh | 356-355 BC | 1 | Whitaker & O'Carroll 2009 |
| 99E0378 | class 2 togther | Tumbeagh | 348-357 BC | 1 | Whitaker & O'Carroll 2009 |
| 99E0404 | Platform | Tumbeagh | AD 738-983 | 1 | Whitaker & O'Carroll 2009 |
| 99E0405 | class 3 togther | Tumbeagh | AD 1210-1410 | 1 | Whitaker & O'Carroll 2009 |
| 99E0406 | class 1 togther | Tumbeagh & Killaghintober | 946±9 BC, 915±9 BC | 1 | Whitaker & O'Carroll 2009 |
| 99E0444 | class 2 togther | Castlearmstrong | AD 602±9 | 1 | Whitaker & O'Carroll 2009 |
| 99E0445 | class 1 togther | Castlearmstrong | AD 610±9, AD 501±9 BC, AD 505±9 | 1 | Whitaker & O'Carroll 2009 |
| 99E0446, 99E0447 | Class 1 togther | Killaghintober | 952±9 BC, 940±9 BC | 1 | Whitaker & O'Carroll 2009 |
| 99E0448 | class 3 togther | Killaghintober | AD 1292-1399 | 1 | Whitaker & O'Carroll 2009 |
| 00E0333 | Class 2 togther, Class 3 togther, class 3 togther | Lisdermot | AD 650±9, AD 617±9 BC, AD 626±9, AD 1284-1421, AD 1522-1948 | 3 | Whitaker & O'Carroll 2009 |
| 00E0399 | class 2 togther | Lisdermot | AD 893-1152 | 1 | Whitaker & O'Carroll 2009 |
| 00E0400 | class 2 togther | Lisdermot & Straduff | AD1039-1281 | 1 | Whitaker & O'Carroll 2009 |
| 00E0432 | class 2 togther | Lisdermot & Straduff | 953±9 BC, 910±9 BC | 1 | Whitaker & O'Carroll 2009 |
| 00E0439 | Destroyed before excavations | Lisdermot | - | 1 | Whitaker & O'Carroll 2009 |
| 00E0440 | class 2 togther | Lisdermot | Undated | 1 | Whitaker & O'Carroll 2009 |
| 00E0441 | class 2 togther | Lisdermot | AD 1674-1951 | 1 | Whitaker & O'Carroll 2009 |
| 00E0460 | Platform | Lisdermot | AD 780-1020 | 1 | Whitaker & O'Carroll 2009 |
| 00E0461 | Platform, Platform | Lisdermot | AD 1660-1954 | 2 | Whitaker & O'Carroll 2009 |
| 00E0463 | Platform | Lisdermot | AD 1298-1438 | 1 | Whitaker & O'Carroll 2009 |
| 00E0468 | Platform | Lisdermot | AD 1428 | 1 | Whitaker & O'Carroll 2009 |

Table 3. Excavations carried out in the Lemanaghan application area.



Sites and Monuments Record

The Sites and Monuments Record (SMR) which is maintained by the Department of Housing, Local Government and Heritage was examined as part of the assessment on the 22nd of March 2025. This review established that there are 470 SMRs located in the proposed substitute consent area (see Table 2 and Figs. 1 and 2). These are the sightings notified to the ASI by the IAWU.

Archaeological assessment 2023

Derrynagun Bog was inspected on the 14 December 2023 by Jane Whitaker and Enda Lydon of IAC to assess the current status of previously recorded peatland sites. No new sightings were made in the application area.

Archaeological assessment 2024

In April 2024 a full licensed field survey was carried out by IAC Ltd in Derrynagun townland. There were no sightings of archaeological material made in the application area.

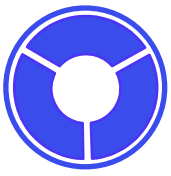
Previous assessments

Lemanaghan bog was included in a Cultural Heritage Assessment of the Boora Bog Group undertaken by Jane Whitaker of Irish Archaeological Consultancy in 2018. This assessment included a review of the topographical files and finds registers of the National Museum of Ireland intended to identify all archaeological objects from the bog reported to the Museum by that date and these are included below (Pers Comm. Jane Whitaker). The assessment noted that there was a moderate to high potential for archaeological heritage to be uncovered during the course of any future development works in Lemanaghan bog.

Reported finds

As noted above the Cultural Heritage Assessment carried out by Irish Archaeological Consultancy LTD contains a complete list of the known archaeological objects from Lemanaghan Bog reported to the National Museum of Ireland up to 2018. There are 47 stray finds recorded from the Lemanaghan Bog complex. Information on these finds comes from two main sources: the Topographical Files of the National Museum of Ireland (NMI) and the IAWU survey records (prefixed by 92E148). The finds are summarised below by bog area. There are seven finds from Ballydaly/Curraghlassa Bog. These were all recorded during the 1996 IAWU survey of the bog. Leather fragments (92E148:98) were recorded in Ballydaly townland. A leather shoe (92E148:05) and two leather shoe fragments (92E148:95 & 92E148:32) were recovered from Ballydaly and Lemanaghan townlands respectively. An Ash wooden vessel base (92E148:12) and alder lid (92E148:11); a perforated alder wooden shaft (92E148:09) and alder stave fragments (92E148:13) were recorded in Ballydaly townland. A leather shoe (99E0326:09) and a dressed hazel rod (99E0326:08) were recovered during the 1999 excavation of the early medieval Road-Class 1 Togher (OF007-215) in Castletown Bog. A wooden artefact fragment (92E148:67) was recovered during the IAWU survey in 1998.

Nine finds were recovered in Corhill Bog during the IAWU survey. These consisted of a flint side scraper (92E148:28), two leather shoe fragments (92E148:06 & 92E148:07), 14 silver coins (92E148:14-27), six further silver coins (92E148:33-38) from Lisdermot townland. Two ash perforated wooden shafts (92E148:31 & 92E148:10) were recovered from Lisdermot and Lemanaghan townlands respectively, along with an internally decorated ash bowl (92E148:08) and a dressed hazel brushwood rod (92E148:30). A leather fragment (92E148:97); a small stone with worn surfaces (92E148:99); a wooden vessel roughout (92E148:66) and a perforated alder shaft (92E148:39) were recovered in Leabeg and Lemanaghan townlands in Derrynagun Bog. Three finds were recovered from Killaghintober Bog. These consisted of a



leather shoe (99E0448:30) that was found on the field surface during the excavation of a nearby trackway. A possible hammer stone (92E148:70) and a carved wooden crozier (99E0445:26) were found during the excavation of an early medieval Road-Class 1 Togher.

There is a single stray find of a copper dagger (1931:212) from Kilnagarnagh Bog. The largest number of finds have 'Lemanaghan Bog' as their find spot. In many cases their exact locations are not recorded. From Ballylin townland there is a hoard of ten amber beads (1982:75a-j); a brass mortar (1937:3389); three bronze axe heads (1937:3386-3388) and an iron sword (1920:64). Lemanaghan townland contains the find spot of a silver, bronze and wood crozier, part of which was recovered in 1992 (1992:006) and the remainder in 1997 (1997:2338). Other finds consist of a stone axe and a leather shoe found by BnM worker in 2000 (no reference numbers); a whetstone fragment (92E148:40) and an alder wooden shaft (92E148:03). A stone axe head (1997:45) was found by a BnM worker in Derica More/Derica Beg townland and a stone ball (1997:46); wooden shaft (92E148:41) and a miscellaneous wooden object (92E148:42) were recovered during the IAWU survey in Kilnagoolny. A squared ash shaft (92E148:50) was recovered during the IAWU survey of Tumbeagh Bog in Kilnagoolny townland.

Conclusion

There are 470 known sightings of archaeological material in the Lemanaghan substitute consent application area. 28 archaeological sightings of were excavated in the application area as part of the Peatland Excavations programme 1999-2000. There are 47 archaeological objects known from the substitute consent area that have been removed to the National Museum of Ireland.

References

DAHGI 1995. Recorded Monuments Protected under Section 12 of the National Monuments (Amendment) Act, 1994. County Offaly.

McDermott *et al.* 1999. Final report on the assessment and mitigation project 1998 undertaken in Lemanaghan, Co. Offaly. Unpublished report by the Irish Archaeological Wetland Unit for Bord na Móna.

Whitaker, J. 2014 Re-assessment Peatland Survey 2013, Blackwater, Boora, Derrydreenagh, Mountdillon Group of Bogs County Offaly, Longford, Westmeath and Roscommon. Unpublished report prepared by ADS for Bord na Móna.

Whitaker, J. 2018. Cultural Heritage Assessment of the Boora Bog Group, IPC Licence: P0500-01. Unpublished report for Bord na Móna.

Whitaker, J. 2024. Archaeological Assessment at Derrynagun Bog, Lemanaghan Co Offaly. Unpublished Report on Behalf Of: National Monuments Service.

Whitaker, J. and O Carroll, E. 2009. Peatland excavations 1999–2000. Lemanaghan group of bogs, Co. Offaly. ADS Monograph 2. Archaeological Development Services Ltd, Dublin.

Dr. Charles Mount
26 March 2025