

EPA STRIVE Programme 2007-2013

**Interim Classification, Harmonisation and Generalisation of County Soil
Maps of Ireland**

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ISIS Final Technical Report 1

Prepared for the Environmental Protection Agency
by
Teagasc and Cranfield University

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The EPA STRIVE Programme addresses the need for research in Ireland to inform policymakers and other stakeholders on a range of questions in relation to environmental protection. These reports are intended as contributions to the necessary debate on the protection of the environment.

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Executive Summary

The Irish Soil Information System (ISIS) project was established in 2008, following a comprehensive inventory of Irish soil data compiled by Daly and Fealy (2007) which highlighted that soil data coverage of Ireland was incomplete in both detail and extent. The ISIS project is funded under the Environmental Protection Agency STRIVE Research Programme 2007-2013 and co-funded by Teagasc. It was led by Teagasc with the participation of researchers from Cranfield University (UK) and University College Dublin. The overall objective of the ISIS project was to conduct a programme of structured research into the national distribution of soil types and construct a soil map, at 1:250,000 scale, which will identify and describe the soils according to a harmonised national legend. This map is now available in digital format and forms the basis of a new soil information system for Ireland (<http://isis.teagasc.ie>).

The ISIS project has utilised existing data and maps from the previous National Soil Survey (NSS) conducted by An Foras Talúntais (forerunner organisation to Teagasc). The NSS produced: mapping at 1:126,720 scale for 44% of the country; a General Soil Map of Ireland and a National Peatland map, both at 1:575,000 scale and other miscellaneous large scale mapping of experimental farms. In addition, more recent map products have been included such as the Indicative Soil and Subsoil mapping (Fealy and Green, 2009) with national coverage using GIS and remote sensing techniques.

Comparison of soil information at European scale has led to the requirement for the harmonisation and coordination of soil data across Europe, and, in light of the demands for soil protection on a regional basis within member states there is a growing need to support policy with a harmonised soil information system. The European Soil Bureau Network (ESBN) Technical Working Group dealing with Soil Monitoring and Harmonisation recommended a soil map of Europe at a scale of 1:250,000 as an economically feasible intermediate scale that can identify specific problems at regional scale (Montanarella and Jones, 1999).

The ISIS project adopted a combined methodology of utilising novel predicted mapping techniques in tandem with traditional soil survey applications. This unique combination at a national scale has resulted in the development of a new national soil map for Ireland. Building upon the detailed work carried out by the An Foras Talúntais (AFT) survey (known as *Terra Cognita*), the ISIS project generated soil-landscape models at a generalised scale of 1:250,000 for the counties of Carlow, Clare, Kildare, Laois, Leitrim, Limerick, Meath, Offaly, Tipperary South, Waterford, Westmeath, Wexford, West Cork, West Mayo and West Donegal. These soil-landscape models (also referred to as soilscape) were used as the baseline data for statistical models (random forests, Bayesian belief networks and neural networks) to predict soil map units in counties where there was no map available (referred to as *Terra Incognita*). To validate the methodology, this work was supported by a 2.5 year field survey, in which 11,000 locations were evaluated for soil type, using an auger bore survey approach. These data were used to check the predicted soil mapping units (associations) for counties: Cavan, Dublin, East Cork, East Donegal, East Mayo, Galway, Kerry, Kilkenny, Louth, Monaghan, Roscommon, Sligo, Tipperary South and Wicklow, where a detailed soil survey map was not available. Where new soil information was generated, due to previously unknown combinations of soil-landscape units, profile pits were selected at representative locations across the country. These 225 pits were described and sampled in detail and were used to generate a new soil classification system for the country. The final product is a unique combination of new and traditional methodologies and soils data from both the AFT and the ISIS project. The final, soil association map of Ireland consists of 58 associations (excluding areas of alluvium, peat, urban, rock or marsh) that are made up from 213 soil series. Associated representative profile information is available in the online soil information system.

A key component of the ISIS project has been the development of a soil and land information system and associated public web site. This system has been designed to hold the complete set of information deriving both from the ISIS field programme and modelling activity, as well as the previously existing legacy soils information available for Ireland. Drawing on this information system, the web site is designed to hold and disseminate this information online both in cartographic and tabular form to stakeholders. Prior to this development, there has been no harmonised computerised system in place to hold and manipulate national Irish soils data. The information system therefore addresses the pressing need and requirement for a publicly-accessible, integrated IT framework based upon contemporary informatics standards to serve the many and varied stakeholders having an interest in soils information in Ireland.

Technical Note on Soil Classification

Two Irish soil classification systems were developed during the ISIS project. An **Interim Soil Classification** was developed in the early stages of the project to enable the harmonisation and generalisation of the county soil maps published by An Foras Talúntais (AFT) and the rationalisation of the original AFT soil series. The **Interim Soil Classification** was used during the development of Work Packages (WP): WP1 and WP2, to produce the training data for the predictive mapping and for most of the field programme in WP3. In 2013/4, **the Interim Soil Classification** was modified following a World Reference Base style hierarchical approach that recognises Great Soil Groups and defines sub-groups by supplementary diagnostic horizons. The **Final Soil Classification** System was developed to provide a more user-friendly classification system that adopts the approach of a hierarchical key for recognition of Great Soil Groups and diagnostic horizons to define the sub-groups.

The **Final Soil Classification** System was subsequently implemented during the description of representative soil profiles, final map production and is included in the updated soil profile handbook, and national soil series list. This modified system is the **Final Soil Classification** system for Ireland that appears in the map and associated information system on the ISIS website.

This Final Technical Report was developed using the **Interim Soil Classification**, and describes a significant contribution to the production of the final New Soil Map of Ireland. Table B below details the differences between the **Interim** and the **Final Soil Classification** Systems.

The **Final Soil Classification** System for Ireland has 3 hierarchical levels:

1. Great Soil Groups:

The classification criteria for the Great Soil Groups (GSG) were based on recognisable features used by An Foras Talúntais (National Soil Survey of Ireland) to classify the soils of Ireland at Great Soil Group level. Table A provides an overview of the key criteria for recognizing the Great Soil Groups. The sequence follows World Reference Base (WRB) principles.

2. Soil Sub-groups:

The Irish Soil Classification of soil sub-groups (SSG) is based on the recognition of diagnostic horizons, properties and materials which, where possible, should be observed and measured in the field. The selection of diagnostic characteristics takes into account their relationship with soil forming processes. Diagnostic features are selected that are significant to soil management. Subgroups are named with a maximum of two diagnostic features that represent the most important processes occurring in the soil profile. Table B provides a look-up table between the interim and the modified classification systems, listing the Great Soil Groups and Sub-groups.

3. Soil Series

The classification of series is based on the same principles as the interim classification system. Within a sub-group a series is further defined by the nature of the soil texture and parent material.

4. Soil Associations

For mapping purposes, the soil series are combined to form soil associations that are identified by the most frequently occurring soil series and combinations of ancillary series. Each association is named after the key (lead) soil series, which is the most extensive soil in the association, e.g. Kilrush series is the dominant component in the Kilrush Association. To facilitate mapping, each soil association based on the Interim Classification is assigned an alphanumeric code that comprises the soil subgroup code (numeric) concatenated with a single alphabetic character, e.g. 711b for Kilrush Association. In the Final Soil Classification, the Kilrush Association is assigned the code 0700b in accordance with Tables A and B. With respect to classification terminology, the reports (3, 4, 5, 11 & 12) describing the predictive mapping programme refer only to soil association codes that relate to the Interim Soil Classification. However, the ISIS Soil Information System contains a translation table that links the interim soil association codes to the codes that relate to the Final Soil Classification. Thus the results of the predictive mapping can be linked to the final version of the New Soil Map of Ireland.

Table A: Sequencing of the Great Soil Groups (GSG) in the Final Irish Soil Classification

Criteria	GSG code	Great Soil Group (GSG)
Soils with thick organic layers	1	OMBROTROPHIC PEAT
	2	MINEROTROPHIC PEAT
Shallow or extremely gravelly soils	3	RENDZINAS
	4	LITHOSOLS
Soils influenced by water	5	ALLUVIAL SOILS
	6	GROUNDWATER GLEYS
	7	SURFACE-WATER GLEYS
Soils affected by Fe/Al chemistry increase	8	PODZOLS
	9	BROWN PODZOLICS
Soils with clay enriched subsoil	10	LUVISOLS
Relatively young or soils with limited profile development	11	BROWN EARTHS

For more details of the finalised Irish Soil Classification System please refer to the following documents:

ISIS Final Technical Report 10: Simo et al. (2014). The Irish Field Handbook for Soil Profile Descriptions. Available from <http://erc.epa.ie.safer/reports>

ISIS Final Technical Report 13: Simo et al. (2014). The Irish Soil Information System Map and Legend. Available from <http://erc.epa.ie.safer/reports>

ISIS Final Technical Report 9: Creamer et al. (2014). The Irish Soil Information System National Soil Series - Description and Classification of Representative Profiles. Available from <http://erc.epa.ie.safer/reports>

Table B Linkage between the Interim and Final Irish Soil Classifications for Soil Subgroups			
Interim SSG_code	Interim Soil Subgroup (SSG)	SSG code	Soil Subgroup (SSG)
911	Raw Ombrotrophic Peat Soils	110	Natural Ombrotrophic Peat Soils
912	Earthy Ombrotrophic Peat Soils	170	Drained Ombrotrophic Peat Soils
913	Cut-over Ombrotrophic Peat Soils	180	Cut-over Ombrotrophic Peat Soils
914	Industrial Ombrotrophic Peat Soils	190	Industrial Ombrotrophic Peat Soils
921	Raw Minerotrophic Peat Soils	210	Natural Minerotrophic Peat Soils
922	Earthy Minerotrophic Peat Soils	270	Drained Minerotrophic Peat Soils
		280	Cut-over Minerotrophic Peat Soils
211	Typical Rendzinas	300	Typical Rendzinas
215	Histic Rendzinas	310	Histic Rendzinas
213	Humic Rendzinas	360	Humic Rendzinas
214	Stagnic Rendzinas		
212	Gleyic Rendzinas		
111	Typical Lithosols	400	Typical Lithosols
113	Histic Lithosols	410	Histic Lithosols
112	Humic Lithosols	460	Humic Lithosols
821	Typical Alluvial Gleys	500	Typical Alluvial Gley Soils
		510	Histic Alluvial Gley Soils
823	Typical Calcareous Alluvial Gleys	550	Typical Calcareous Alluvial Gley Soils
		551	Histic Calcareous Alluvial Gley Soils
824	Humic Calcareous Alluvial Gleys	556	Humic Calcareous Alluvial Gley Soils
822	Humic Alluvial Gleys	560	Humic Alluvial Gley Soils
811	Typical Brown Alluvial Soils	570	Typical Alluvial Soils
812	Gleyic Brown Alluvial Soils	572	Gleyic Alluvial Soils
813	Humic Brown Alluvial Soils	576	Humic Alluvial Soils
721	Typical Groundwater Gleys	600	Typical Groundwater Gleys
		610	Histic Groundwater Gleys
723	Calcareous Groundwater Gleys	650	Calcareous Groundwater Gleys
		651	Histic Calcareous Groundwater Gleys
724	Humic Calcareous Groundwater Gleys	656	Humic Calcareous Groundwater Gleys
722	Humic Groundwater Gleys	660	Humic Groundwater Gleys
		690	Anthropic Groundwater Gleys
711	Typical Surface-water Gleys	700	Typical Surface-water Gleys
712	Humic Surface-water Gleys	760	Humic Surface-water Gleys
		790	Anthropic Surface-water Gleys
611	Ferric Podzols	800	Typical Podzols
621	Typical Gley Podzols	820	Gleyic Podzols
622	Stagno-Gley Podzols	830	Stagnic Podzols
632	Iron-pan Stagno Podzols	843	Stagnic Iron-pan Podzols
612	HumoFerric Podzols	860	Humic Podzols
		890	Anthropic Podzols
631	Ferric Stagno Podzols		
511	Typical Brown Podzolics	900	Typical Brown Podzolics
512	Gleyic Brown Podzolics	920	Gleyic Brown Podzolics
514	Stagnic Brown Podzolics	930	Stagnic Brown Podzolics
		936	Humi-Stagnic Brown Podzolics
513	Humic Brown Podzolics	960	Humic Brown Podzolics
		990	Anthropic Brown Podzolics
411	Typical Luvisols	1000	Typical Luvisols
412	Gleyic Luvisols	1020	Gleyic Luvisols
		1026	Humi-Gleyic Luvisols
414	Stagnic Luvisols	1030	Stagnic Luvisols
		1036	Humi-Stagnic Luvisols
413	Humic Luvisols	1060	Humic Luvisols
1020	Technosols	1090	Anthropic Luvisols
311	Typical Brown Earths	1100	Typical Brown Earths
312	Gleyic Brown Earths	1120	Gleyic Brown Earths
		1126	Humi-Gleyic Brown Earths
314	Stagnic Brown Earths	1130	Stagnic Brown Earths
315	Humi-stagnic Brown Earths	1136	Humi-Stagnic Brown Earths
321	Typical Calcareous Brown Earths	1150	Typical Calcareous Brown Earths
322	Gleyic Calcareous Brown Earths	1152	Gleyic Calcareous Brown Earths
323	Stagnic Calcareous Brown Earths	1153	Stagnic Calcareous Brown Earths
		1156	Humic Calcareous Brown Earths
		1159	Anthropic Calcareous Brown Earths
313	Humic Brown Earths	1160	Humic Brown Earths
		1190	Anthropic Brown Earths
		1196	Humi-Anthropic Brown Earths

1011a

112a

112b

112c

112d

112e

112f

113a

211a

211b

213a

213b

311a

311b

311c

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821e

821f

821x

822a

822b

822c

822d

822e

822f

822g

823a

824a

911a

911b

911c

911d

913a

913b

914a

921a

922a

922b

Islands

Rock

SM

Urban

WATER

<

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Ireland Soil Information System (ISIS)

Classification, Harmonisation and Generalisation of County Soil Maps of Ireland

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Work Package1: Rationalisation, classification and harmonization

In 2007, following a prolonged period of inactivity, interest in soil mapping and soil survey in Ireland for the purposes of environmental protection and in anticipation of implementation of the forthcoming EU Soil Framework Directive (SFD), revived. An estimated 44% of Ireland was surveyed at a scale of 1:126,720 in the 1950s, 1960s and 1970s, with the publication of most of the soil maps and bulletins, describing the soil properties, by the end of the 1980s.

The soil surveys were organized on a county by county basis, each county survey being conducted as a separate exercise. The soil survey staff retired progressively, without replacement, and the mapping programme was eventually suspended in the late 1980s. However, a Bulletin for Co. Offaly was published as late as 2003, and detailed survey work continued in Co. Waterford with an unpublished map and Bulletin being made available to the project in 2009 by Dr. S. Diamond, the soil scientist in-charge.

Renewed interest in completing a strategic soil mapping exercise for the whole of Ireland lead to the development of the Ireland Soil Information System (ISIS) Project late in 2008. The work has been commissioned by the Environmental Protection Agency (EPA) Ireland as part of the Science, Technology, Research & Innovation for the Environment (STRIVE) Programme, under the National Development Plan (2007-2013). This was in response to the increasing demand for an updated National Soil Map of Ireland, at 1:250,000 scale that would be compatible with existing soil survey coverage in other Member States of the European Union.

Introduction

Work Package 1 was designed to address the 'Rationalisation, Classification and Harmonization' of the legacy soil survey data, collected and published between the 1950s and 1980s by An Foras Talúntais, the former National Soil Survey of Ireland. All this information is considered to be *Terra Cognita* within the ISIS Project.

The 'rationalisation, classification and harmonization' of the *Terra Cognita* data has encompassed the following tasks:

1. Compilation of a national list of all currently identified and characterised soil series – 'Soil Series Registration';
2. Specification of class criteria and subsequent capture in digital form of soil series characteristics according to the class criteria – 'Soil Classification';
3. Compilation of a database of representative soil profile information including descriptive terms and analytical data – 'Soil Profile Database';
4. Rationalisation of soil series identified in (2) to compile a list of nationally important soil series – 'National Soil Series List';
5. Amalgamation of mapped soil series into soil associations, appropriate at 1:250,000 scale, to create the first component of a national soil map legend – 'National Soil Associations'.

The remaining counties with no detailed soil mapping are considered to be *Terra Incognita*.

Map generalisation process

As a basis for surveying the soils of *Terra Cognita* counties, An Foras Talúntais (AFT) used a simple high level soil classification with 9 Great Soil Groups – Lithosols, Regosols, Rendzinas, Brown Earths, Grey Brown Podzolics, Brown Podzolics, Podzols, Gleys, Peat Soils – that group soil series at the mapping unit level. In some county legends, Alluvial soils are recognized as a separate Great Soil Group. The soil series as map units are traditionally named according to the geographical location where the series was first recognized and subsequently mapped. Some map units are considered complex, in which individual soil series could not be differentiated. Nomenclature of these complexes is varied; where two or three soil series dominate the map unit, the series names are used, e.g. Patrickswell-Baggotstown-Elton complex. For more complex units,

in which soils belonging to several Great Soil Groups are represented, a single series name is used based on the geographical location where the complex map unit was first recognized, e.g. Clonin complex.

Terra Cognita comprises the following 16 counties or part thereof (Figure 1):

1. Carlow, Clare, Kildare, Laois, Limerick, Offaly, Meath, Tipperary North, Waterford, Westmeath and Wexford that were surveyed at 1:10,560 scale; for each county there is a soil map published at 1:126,720 scale by the Ordnance Survey of Ireland, and an accompanying Soil Survey Bulletin Published by An Foras Talúntais, Dublin, describing the soil series and complexes in detail with their analytical data.
2. West Mayo for which there is a published soil map at 1:126,720 scale, but no detailed Soil Survey Bulletin.
3. Leitrim, which was surveyed as a part of a Natural Resources Survey but for which there is a published soil map at 1:126,720 scale and 40 representative soil profiles with associated analytical data.
4. West Donegal, which was surveyed as a part of a Natural Resources Survey, thus there is less detailed soil descriptive information and fewer representative soil profiles than for the counties listed in (1) but there is a soil map is published at 1:63,360 scale.
5. West Cork that was also surveyed as part of Natural Resources Surveys, but there are no representative soil profile descriptions or analyses in the unpublished report nor is there a published soil map of the whole area. Soil maps of the individual townships were pieced together by E. Macdonald to produce the West Cork soil map reproduced here.

For some *Terra Incognita* counties, reconnaissance soil surveys exist. At the end of the rationalisation, classification and standardisation of the *Terra Cognita* county data, the reconnaissance soil map for county Longford was examined and found to be sufficiently detailed for the map units to be directly correlated to the national legend soil associations. With the correlation exercise concluded, Longford is now regarded as part of *Terra Cognita*.

Rationalisation process

The documents and data that existed for *Terra Cognita*, at the start of the ISIS project, required organisation, digitisation and their contents standardised. All the county Soil Survey Bulletins were scanned to portable document format (pdf) and the county soil maps to 'jpg' (Joint Photographic Experts Group – JPEG) or pdf formats, by Teagasc, Johnstown Castle.

The Work Package 1 Project team (RJA Jones, JA Hannam, RC Palmer, RE Creamer, P Krasilnikov, SH Hallett and IG Truckell) captured the published details of more than 300 soil series and soil complexes delineated on the county soil maps. This was done by a registration procedure using the TWiki, a web-based information sharing system. More than 640 occurrences of series based soil map units were recorded using this system, incorporating the parent material, texture, drainage status, and classification of the different soils. Figure 2 shows the workflow for Work Package 1.

The information is now in tabular form ready for transfer to the core of the soil information system (SYSCORE). In early 2009, J. Zawadzka merged the digitised soil maps for *Terra Cognita* using ArcGIS™ and produced total area extents of the soil series based map units. The Patrickswell and Elton series were found to be the most extensive map units across 44 per cent of the Republic of Ireland for which there is soil survey coverage (see Annex I); the four most extensive series are: Elton 5.7 %, Patrickswell 5.5 %, Clonroche 4.1 % and Aughty 4.1 %. In addition, Annex II includes a summary of the series registration information.

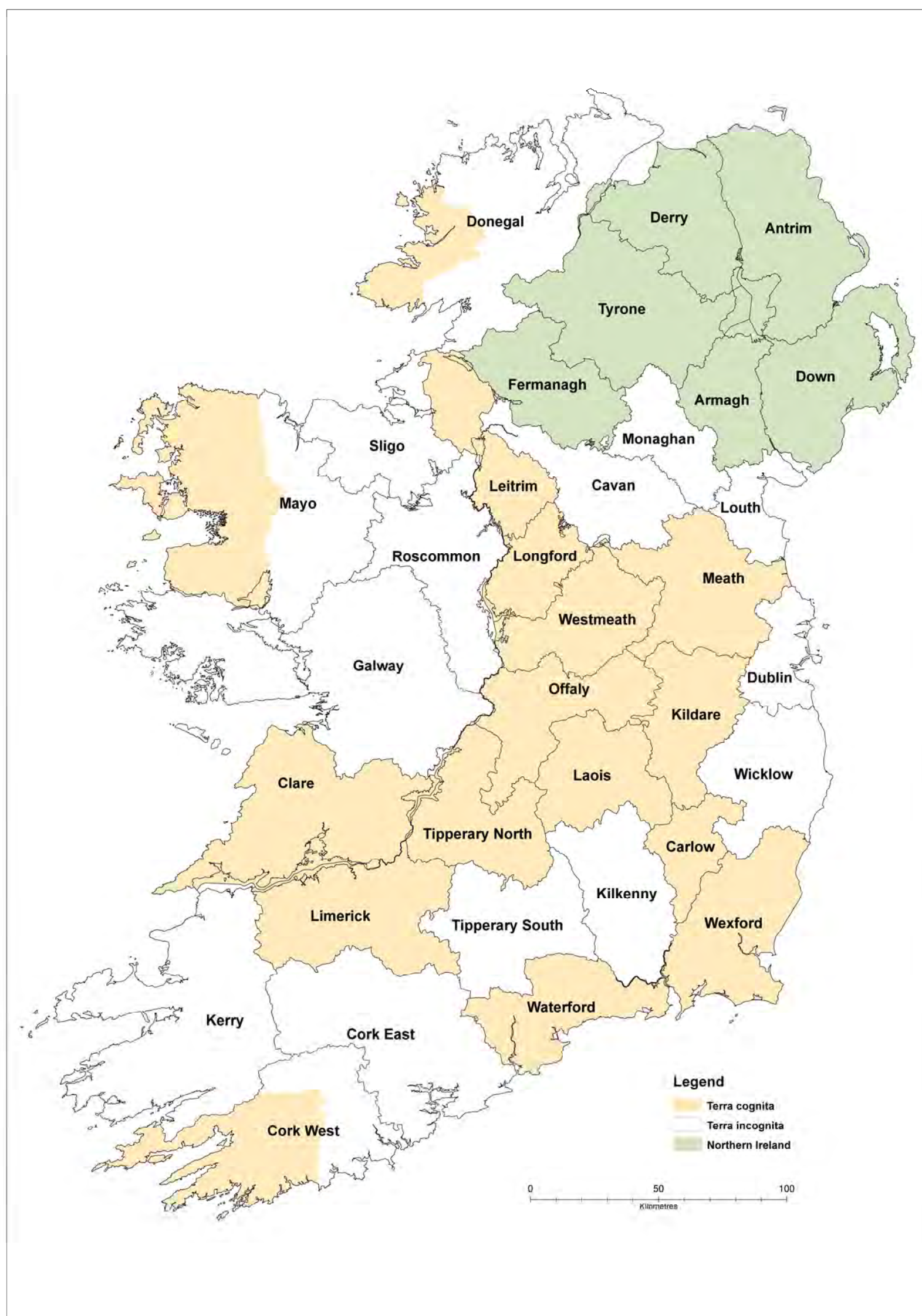


Figure 1 Coverage of published soil surveys in Ireland

The original classification of soil series used by the National Soil Survey of Ireland (An Foras Talúntais – AFT) was confined to placing soils into Great Soil Groups and then into soil series. The term Great Soil Group has been retained but two levels of classification below Great Soil Group have been introduced - Soil Group and Soil Subgroup - to provide a sound basis for defining soil associations (grouping of soil series) that can be mapped at national scale. This provides a level of classification intermediate between Great Soil Group and soil series as described and delineated on the county soil maps of Ireland produced by AFT and has allowed more precise definition of the individual soil series and their subsequent rationalisation. Further details of the revised Soil Classification for Ireland are given in the Technical Monograph 'Criteria for Classification and rationalisation of soil series in Ireland' (Jones et al., 2011).

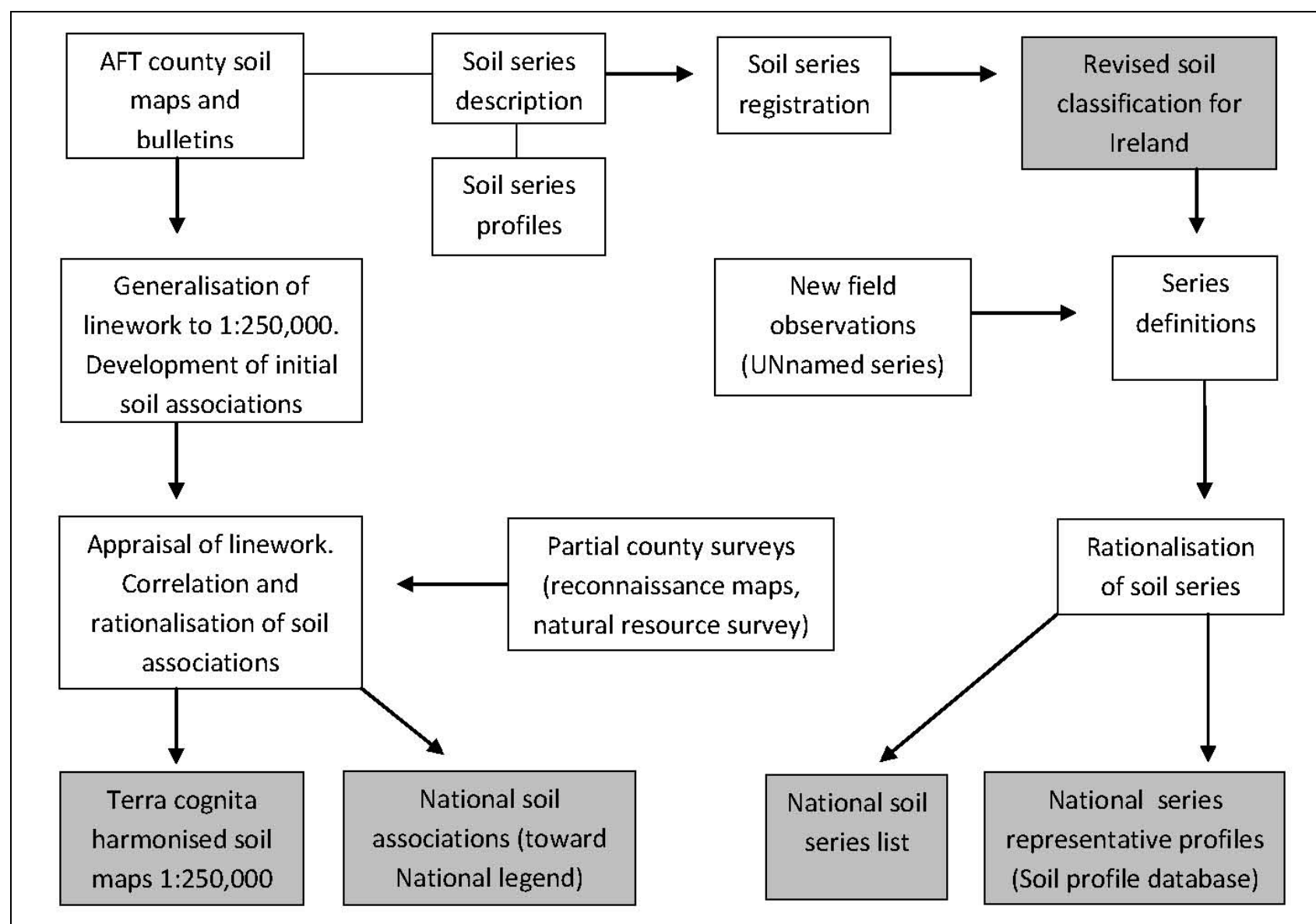


Figure 2. Work Package workflow

Downscaling of the existing soil survey coverage at 1:126,720 scale, to produce a new National Soil Map of Ireland and associated database appropriate to the scale 1:250,000 required a systematic process of visual examination of the soil map polygons, elimination of areas <0.075 km², combining polygons where soil series have been combined (amalgamated), smoothing map unit boundaries to be appropriate for reproduction at 1:250,000 scale, and harmonization of borders where adjacent counties were adjoined.

Many drift deposits in Ireland are local in origin and, for example in local drifts surrounding outcrops of igneous rock, soils developed therein exhibit a close relationship between stone lithology and fine earth mineralogy. This recognition is also embodied in the Scottish soil classification (Soil Survey of Scotland, 1984)). However, following the experience of Clayden and Hollis (1984), who classified soils developed in similar glacial deposits (particularly tills, often termed 'boulder clays') in England and Wales, there is little justification for preserving separate soil series on the presence of resistant (e.g. hard siliceous) stones that are not closely related to majority of the soil matrix material.

On all the county soil maps at 1:126,720 scale, the map unit boundaries were retraced taking into account:

1. the original polygon size, shape and content;
2. with the objective of delineating polygon boundaries that are more consistent with the smaller scale of the National Soil Map;
3. appropriate amalgamation of soil series guided by the National Soil Legend.

Some generalisation decisions made on the county Laois and Clare soil maps are shown in Figure 3. Figure 3a shows the inclusion of smaller polygons of 723 Mylerstown, a Gley soil, within the 411c Patrickswell Association, and conversely small polygons of Fontstown series, a 411 rationalised to Patrickswell series, occurring within the Mylerstown Association (723a)

Figure 3b shows the allocation of Fontstown map units, in one case to the 411a Patrickswell association and in other cases to the 723a Mylerstown Association. Figure 3c shows the delineation of a peat map unit 922a with the Banagher series predominating but including 913 Turbary and 911 Allen series.

Another example is the amalgamation of Abbeyfeale and Kilrush in County Clare to form the National Soil Series 'Kilrush', which is defined as a fine loamy surface water gley developed in drift with siliceous stones (see Figure 3d). The siliceous stones include the following lithologies: sandstone, shale, slate, quartzite and chert. Figure 3e shows the joining up of small polygons of Moord series such that polygons of appropriate size are created for the 314a Moord Association, which contains small areas of 711 Kilrush series.

The county maps that follow show the original soil map units with a polygon overlay (in black) showing the national soil association boundaries. The downscaling process involved amalgamation of soil series, to the extent that more than 370 soil series (see Annex III) have been rationalized down to 155 National Soil Series, with 65 as yet unnamed soil series that have been identified as potentially important national soil series during the current field survey programme. In Annex III, 'LIVE' series are those that comprise the National Soil Series and the 'DEAD' series are those that have been rationalised to a modern correlative. The series list is provided in alphabetic, soil subgroup and texture-substrate type order, which highlights the contents of the modern correlative soil series.

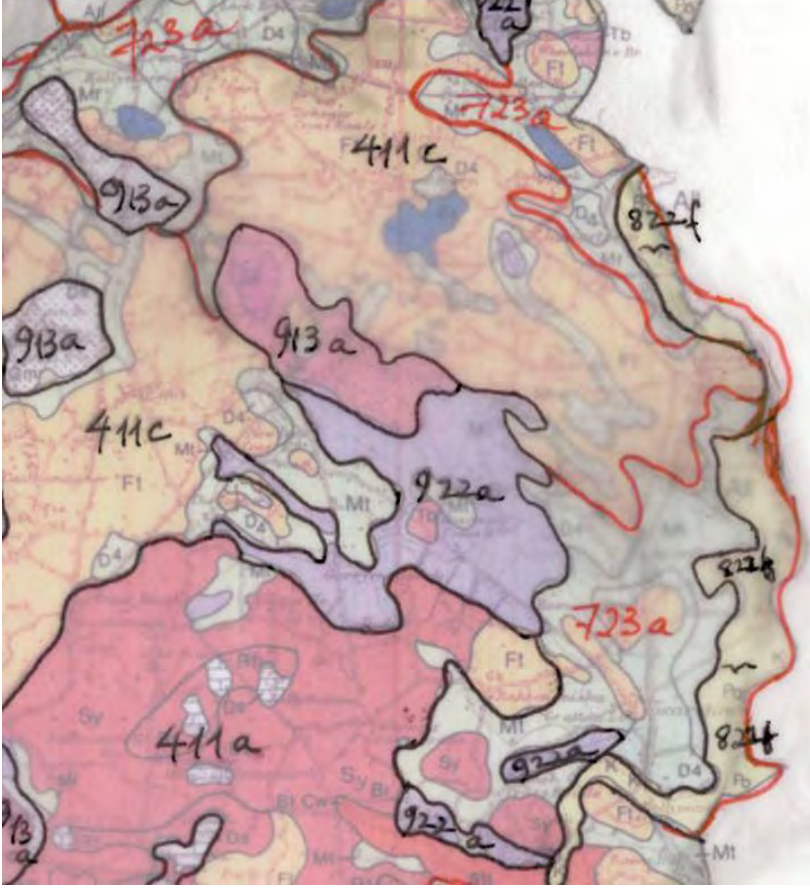
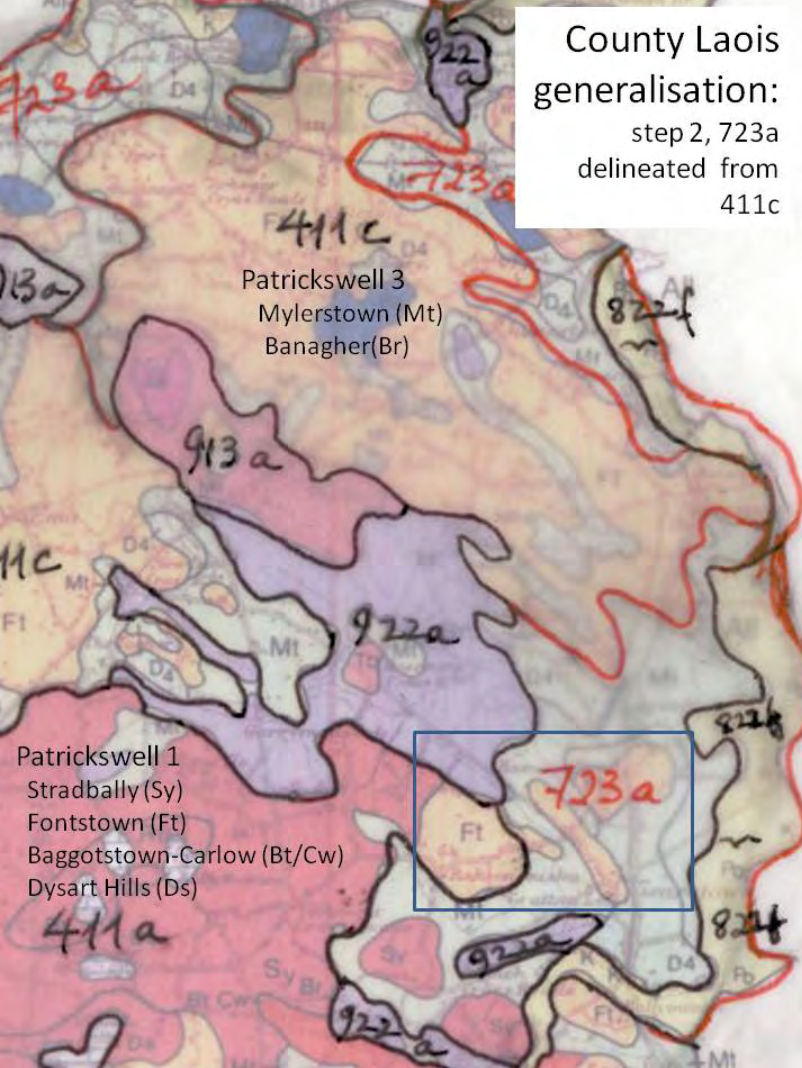
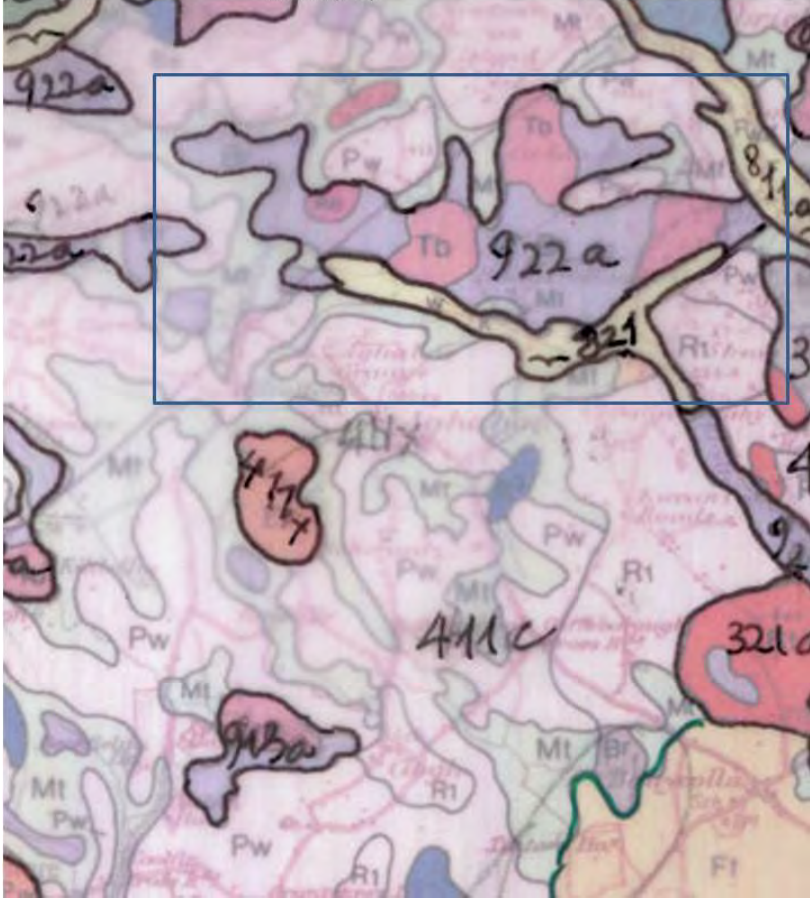
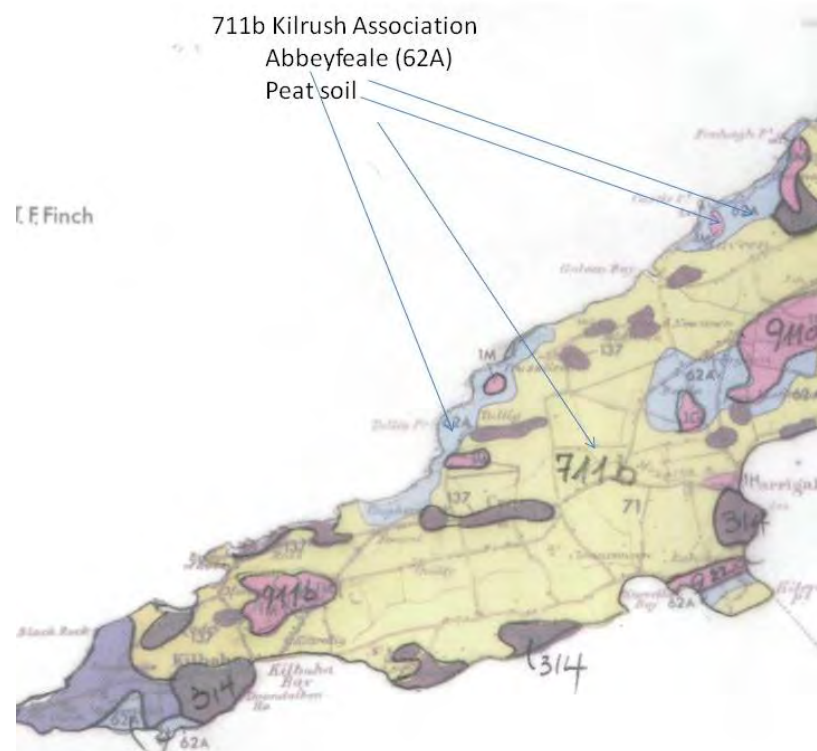
County Map generalisation Examples from Co Laois and Clare Peat areas (9nnx) & river alluvium (8nnx) delineated separately from areas with: bedrock (1nnx, 3nnx, 6nnx) and drift substrates • Co Laois composition of 411a, 411c, 913a • Separation of 723a from 411a Polygons that are too small to be represented on a 1:250,000 soil map were joined to form larger polygons that can be represented at this scale • Co Clare composition of 314a Bob Jones, Bob Palmer, Jack Hannam Soil Mapping workshop, Teagasc, Johnstown Castle (IRL) 8-11 Feb 2011	County Laois: generalisation Step 1 Delineate Peat areas (913a, 922a) & river alluvium (822f) separately from drift areas (411a, 411c, 723c) 
Figure 3 Map unit construction	(a) Generalisation process, Co. Laois
 County Laois generalisation: step 2, 723a delineated from 411c	County Laois: generalisation 922a Banagher Association Turbary (Tb) Allen (Ae) 
(b) Associations 723a, 411a, 411c	(c) Peat map unit 922a

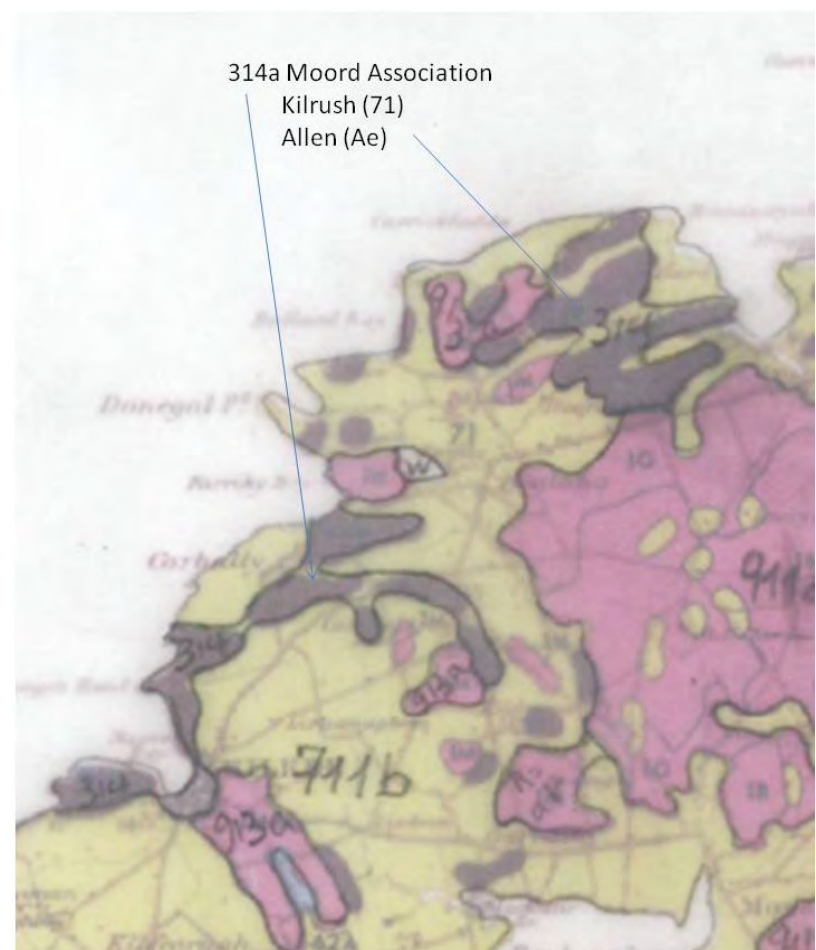
Figure 3 continued

County Clare: generalisation



(d) Assocn 711b, Kilrush+Abbeyfeale

County Clare: generalisation



(e) Assocn 314a Moord: polygon join

County Soil Maps

The county maps that follow show the original soil map units with a polygon overlay (in black) showing the national soil association boundaries. The downscaling process involved amalgamation of soil series, to the extent that more than 370 soil series (see Annex III) have been rationalized down to 155 National Soil Series, with 65 as yet unnamed soil series that have been identified as potentially important national soil series during the current field survey programme.

In Annex III, 'LIVE' series are those that comprise the National Soil Series and the 'DEAD' series are those that have been rationalised to a modern correlative. The series list is provided in alphabetic, soil subgroup and texture-substrate type order, which highlights the contents of the modern correlative soil series.

Abbreviations used in the Rationalised County Soil Map Legends

Association nomenclature

The manual generalization of the detailed map units on the 1:126,720 scale county soil maps was undertaken progressively from early 2009 onwards by R J A Jones, J A Hannam and R C Palmer. Formulation of associations by RC Palmer were coded with a lower case alphabetic character concatenated to the subgroup code, i.e. '711a'; J A Hannam used an upper case alphabetic character concatenated to the subgroup code i.e. '311D'; R J A Jones used a lower case Greek alphabetic character, i.e. '712 α '.

Subsequent correlation meetings amalgamated some of these soil associations where appropriate and the national association codes were generated using lower case alphabetic characters.

Particle-size (texture classes)

S	Sand	SCL	Sandy clay loam	P or PT	Peat
LS	Loamy sand	ZCL	Silty clay loam	SP	Sandy peat
SL	Sandy loam	CL	Clay loam	LP	Loamy peat
Z	Silt	SC	Sandy clay	PS	Peaty sand
ZL	Silt loam	ZC	Silty clay	PL	Peaty loam
L	Loam	C	clay		

Broad particle size classes

fLy	Fine loamy
cLy	Coarse loamy
Ly	Loamy
Sy	Sandy
cZy	Coarse silty
fZy	Fine silty
Cy or Cey	Clayey

Remaining tasks looking forward (Sep 2011 to Dec 2013)

1. Characterisation, classification and rationalisation of the soil complexes currently not incorporated in the Soil Series Registration, National Soil Series, and Soil Profile databases; and registration of series mapped in Waterford, West Cork & West Donegal.
2. Characterisation and nomenclature of currently UNnamed soil series and their inclusion in the National list.
3. Addition and characterization of any new soil series encountered during the field survey of the remaining Terra Incognita counties – Cavan, East Donegal, East Mayo, Galway, Monaghan, Louth, Roscommon, Sligo – and subsequent update of the National soil series list.
4. Introduction of any new Soil Associations arising from the field survey programme in 2012 into the Legend of National Soil Associations.
5. Expand provisional National Legend (v5.3) to include new fields for Soil Associations: geology, soil and site characteristics, cropping and land use, and area nationally.
6. Assign rationalised soil series and National Soil Associations that comprise the final National Legend to World Reference Base (WRB) Reference Groups and appropriate qualifiers.

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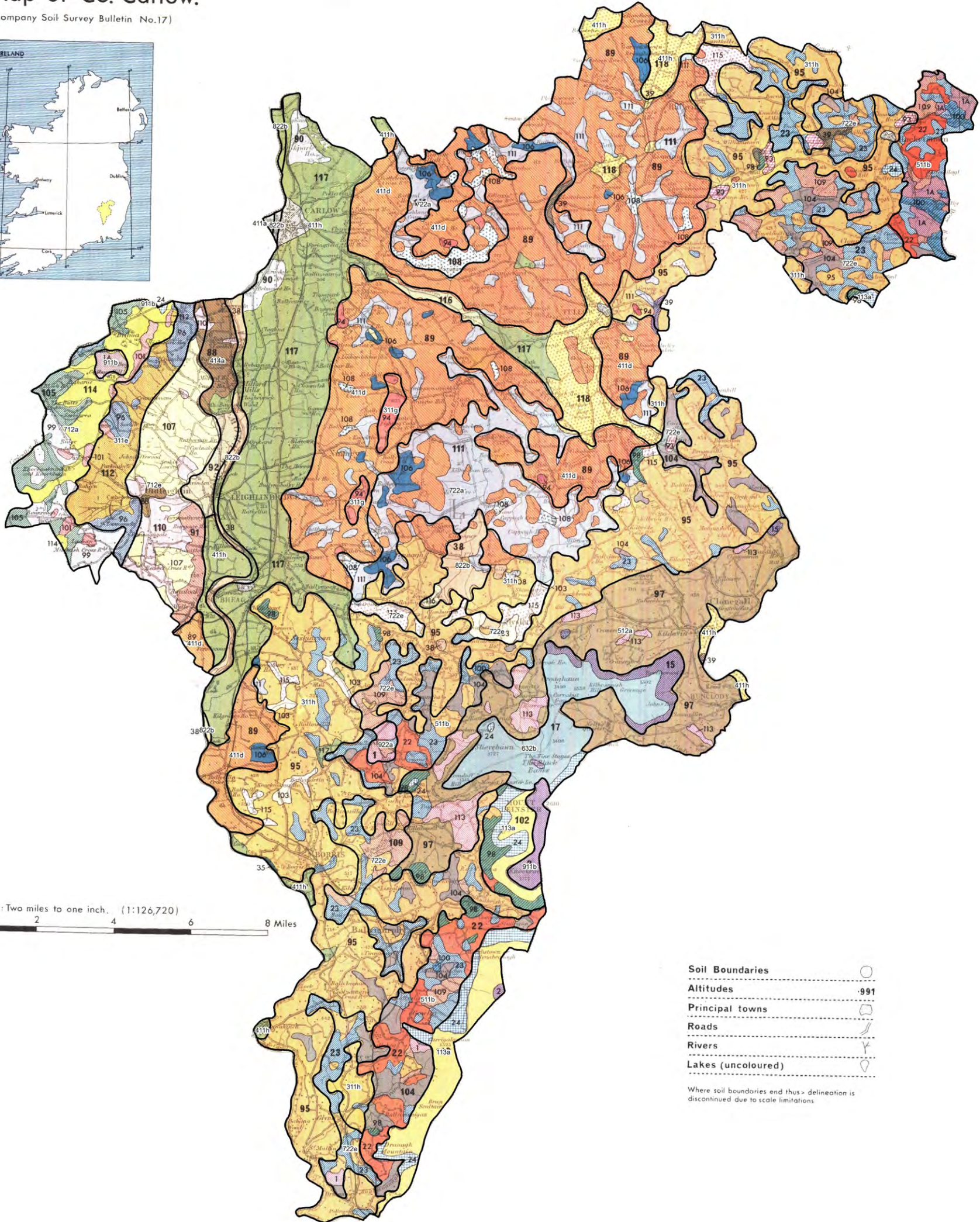
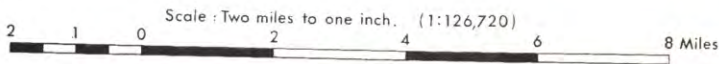
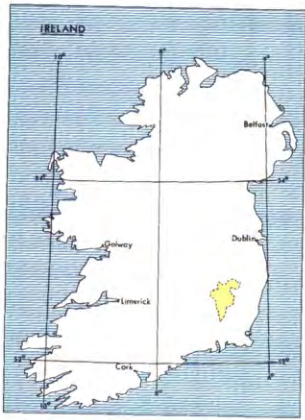
Rationalised County Soil Maps

Co. Carlow

Rationalised Soil Legend for County Carlow

National_Association	County_Association	Association_Name	Substrate_Type	Lead_series	County_Map_Key	Publication	Representative_Profile	Avery_subgroup_cod	Avery_series	Text_Uppr	Text_Lwr	Text_class_Uppr	Text_class_Lwr	Where_found	Ancllary1_cod	Ancllary1_name	Ancllary2_cod	Ancllary2_name	Ancllary3_cod	Ancllary3_name	Association_comment	Landscape
113a	Carraigavahagh (also include blackstairs) - Knockquire	Carraigavahagh	bedrock, Granite	Carraigavahagh	102	Carlow	p172	311 Bangor		peat R	peat	Text class_Uppr	Text class_Lwr	Carlow		outcropping rock	632 Blackstairs				outcropping rock covers 50-80% of the area. Soils are v shallow 3-25cm similar to Borris series? Occurs in sm patches within Kellistown series associated with higher topographic features of Nunehy ridge, elevation 30-200m	moderately steep to steep slopes at high elevations on blackstairs mountains rolling to moderately steep slopes associated with higher topographic features of Nunehy ridge, elevation 30-200m
311k	Broughillstown	Broughillstown	calcareous gravels	Broughillstown	118	Carlow	p182	541 Hall (calc var)		cly	Sdy	SL	LS	Carlow	211 Broughillstown shallow component - now rationalised to Bagginstown						rationalise with Athy complex? But lead soil is not argillic and Association does not contain the poorly drained components. Shallow component if Alc profile over calc sands and gravels ar 20 cm	esker ridges; mod deep component on gently undulating lower esker slopes, shallow comp on esker hummocks
311f	Ballindaggan= Ballyanders	Ballindaggan	bedrock, shale	Ballindaggan	15	Carlow	p104	541 Lesneague		fly	cly	L	SL	Carlow, Wexford	313 Ballindaggan forest profile						humic 'forest profile; on steep slopes at high elevation. Similar to Keelogue but fly/cly rather than cly throughout	step to rolling topography at 180-300m steep slopes on blackstairs mountains
311g	Knockquire	Knockquire	bedrock granite	Knockquire	98	Carlow	p122	541 Gurnislake		cly	cly	SL	SL	Carlow		outcropping rock					steep slopes and outcropping rock baw 20-40% of the area	step to steeply rolling
311h	Borris	Borris	drift with igneous and metamorphic stones	Borris	95	Carlow	p110	541 Wick - Gurnislake		cly	Sdy	SL	SL-LS	Carlow	724 Ballywilliam		722 Belmont (now Puckane)				rolling topography 30 -150m	rolling topography 30 -150m
311e	Keeloge= Kells	Broughillstown	bedrock, shale	Broughillstown	96	Carlow	p114	541		cly	cly	L	L	Carlow							steeply sloping on eastern escarpment of Castlecomer plateau	
411h	Athy	Athy	calcareous gravels	Athy moderately deep component	117	Carlow	p174	571 Rougemont		cly	grav els	SL	gravel	Carlow, Kildare (same descr as in Carlow Bulletin)	321 Athy shallow component		723 Athy imperfectly drained component				Athy mod deep = 70% Athy shallow 20% poorly drained 55% (this is sandy but can be differentiated by series (rather than subgroup)	moderately deep component = Barrow valley flatish to undulating topography and lower slopes of hummocky hills and eskers. Brown earth- esker slopes. Poorly drained component in flat areas with high WT undulating
411e	Mortarstown	Mortarstown	drift with limestone	Mortarstown	90	Carlow	p96	571 Melford		fly	Cey	L	C	Carlow, Kildare, Meath, Offaly							undulating	undulating
411o	Paulstown = Mortarstown, merge with Mortarstown assoc	Paulstown	drift with limestone	Paulstown	91	Carlow	p98	571 Melford		fly	Cey	L	C	Carlow, Kilkenny							rationalise with Mortarstown	
411d	Kellistown	Kellistown	drift with limestone	Kellistown	89	Carlow	p94	571 Maplestead		cly	cly	SL	SL	Carlow, Kildare (refers to Carlow profile)	725 Clowater		725 Newtown				Clowater has peaty top, Newtown is humose both are SL-LS	Kellistown undulating to rolling topography at 60-120 m. Newtown found on concave slopes, flatish topography and local depressions. Clowater found in undulating to rolling topography
414a	Ballinabranagh = Crossstown	Ballinabranagh	drift with siliceous stones	Ballinabranagh	88	Carlow	p92	572 Bishampton		cly	fly	L	L-CL	Carlow	411 Rathvinden						adjacent to Athy complex. Rathvinden has influence of outwash gravels (stony) and is calc and Bt just qualifies as a Bt	adjacent to Athy complex. Rathvinden has influence of outwash gravels (stony) and is calc and Bt just qualifies as a Bt
513c	Ridge = Borrisleigh	Ridge1	bedrock, shale	Ridge	99	Carlow	p124	611 Marod		fly	cly	CL	L	Carlow, Laois	513 Ridge flaggy var		512 Tomard				top of Castlecomer plateau elevations 215-320 m undulating to rolling topography slopes < 10 deg	top of Castlecomer plateau elevations 215-320 m undulating to rolling topography slopes < 10 deg
513b	Ridge = Borrisleigh	Ridge2	bedrock, shale	Ridge	99A	Carlow	p124	612 Marod		fly	cly	CL	L	Carlow, Laois	514 Ridge flaggy var		513 Tomard				similar to ridge but includes some poorly drained soils (Castlecomer)	similar to ridge but includes some poorly drained soils (Castlecomer)
511b	Killealy	Killealy	drift with igneous and metamorphic stones	Killealy	22	Carlow	p118	611 Garth var		cly	cly	SL	SL	Carlow, Wexford	311 Killealy shallow var		725 Ballywilliam				gleys in depressions in thicker drift, shallow var where drift is v thin or absent	adjacent to Blackstairs mountains rolling topography elevations 90-180 m
512b	Tomard	Tomard	bedrock, shale	Tomard	101	Carlow	p134	615 unnamed		fly	cly	ZL	L	Carlow							reclaimed podzols due to human interference. E occurs in undulating topography on Castlecomer plateau at moderate elevation	occurs in undulating topography on Castlecomer plateau at moderate elevation
512a	Clonegall	Clonegall	drift with siliceous stones	Clonegall	97	Carlow	p116	611 Garth		cly	cly	L	SL	Carlow	722 Raheenleigh						rolling topography 10 deg slopes, gley occurs in concave slope positions and flatish topography	rolling topography 10 deg slopes, gley occurs in concave slope positions and flatish topography
632b	Black Rock Mountain (Carlow = Knockastanna	Black Rock Mountain	bedrock, shale	Black Rock Mountain	17	Carlow	p130	651 Hraethog		cly	cly	SL	SL	Carlow, Wexford							Blackstairs mountains- steep slopes, high elevation 320-650m	Blackstairs mountains- steep slopes, high elevation 320-650m
632a	Blackstairs (Sandy over granite bedrock)	Blackstairs	bedrock, granite	Blackstairs	24	Carlow	p132	651 Hexworthy		cly	cly	SL	SL	Carlow, Wexford							Blackstairs is on granite rather than shale	Blackstairs mountains- moderately steep slopes, high elevation 150-400m slopes 15-20 deg
712e	Moanduff = Ballinamoor	Moanduff	drift with limestone	Moanduff	110	Carlow	p152	713 Brickfield		fly	fly	L	L	Carlow	414 Ballinabranagh		721 Coolnakisha				probably also includes s/w and gw hybrids - rationalise with Coolnakisha	flatish to undulating topography 190-300m on Castlecomer plateau
311e	now part of Kells assoc 311e	Parknakyle	drift with siliceous stones	Parknakyle	112	Carlow	p156	711 Pinder		fly	fly	L	CL	Carlow							in association with well-drained Keeloge series that occupy steeper slopes where drift is absent	flatish topography
712a	Siskineae= Gortadareen	Siskineea	drift with siliceous stones	Siskineea	114	Carlow	p160	722 Kensley		peat	fly	peat	CL	Carlow, similar soils found in Limerick Abbeyfeale	913 unnamed (transitional peat)		512 Tomard				closey associated with Castlecomer series	depressions in Castlecomer plateau
712a	Castlecomer= Gortadareen	Castlecomer	drift with siliceous stones	Castlecomer	105	Carlow	p142	721 Willocks		fly	fly	CL	CL	Carlow							similar to Kilrush in Limerick	flatish to undulating topography 190-300m on Castlecomer plateau
712a	Castlecomer= Gortadareen	Castlecomer-Ridge	drift with siliceous stones	Castlecomer-Ridge	105A	Carlow	p143	721 Willocks		fly	fly	CL	CL	Carlow	511 Manod						poorly drained Castlecomer plateau with well drained Ridge on steeper slopes where there is no drift influence - rationalise with Ridge_2 as soon?	flatish to undulating topography 190-300m on Castlecomer plateau, ridge on steeper slopes
712e	Coolnakisha= Ballinamoor	Coolnakisha	drift with limestone	Coolnakisha	107	Carlow	p146	831 Pinsley var		cly	cly	ZL	L	Carlow							rationalise with Moanduff. Described as slowly permeable PM but profile indicated gw gley	flatish topography and concave slopes, closely associated with Moanduff
722e	Toberbride= Ballywilliam	Toberbride	drift with igneous and metamorphic stones	Toberbride	115	Carlow	p162	841 Swanick var (inst till PM)		cly	cly	SL	SL	Carlow	725 Ballinush						PM described as limestone and granite drift - granitic boulders in the vicinity- PM classified as drift with igneous and metamorphic stones. Associated with peaty top Ballinush	depressions 45-120m elevation
722a	Newtown	Newtown	drift with limestones adn granite, now defined as drift with igneous and metamorphic stones	Newtown	111	Carlow	p154	872 Cotham moor var		cly	cly	SL	SL	Carlow, Kildare	725 Clowater		411 Kellistown				PM described as limestone and granite drift - now defined as granite drift. Associated with other coarse textured/gw gleys and better drained Kellistown series	flatish topography and depressions
512a	Now included in Clonegall assocn and rationalised to Puckane	Raheenleigh	drift with igneous and metamorphic stones	Raheenleigh	113	Carlow	p158	871 fordham		peat	cly	peat	SL	Carlow							poor drainage due to peat high WT maintained by weyer seepage from higher ground	flatish topography 45-180m
511b	Belmont= Ballywilliam, appears as ancillary in 511b association	Belmont	drift with igneous and metamorphic stones	Belmont	104	Carlow	p140	871 Fordham var		peat	cly	peat	SL	Carlow, Wexford	724 Ballywilliam						flatish topography, Belmont occupying lowest positions	
722e	Ballywilliam	Ballywilliam	drift with igneous and metamorphic stones	Ballywilliam	23	Carlow	p138	841 Swanick		cly	cly	SL	SL	Carlow, Wexford	722 Knockmullgurry-ploughed version of Belmont- rationalise?		722 Belmont				wet unit seem well drined soils on sm areas od f/g (gravel) (Acan). Ballywilliam described as gw gley (in depressions) and s/w gley (on more favourable slopes by water seepage) has a Btg hor	depressions and concave sloping ground
722a	part of 722a Newtown assocn	Greenane	drift with limestone	Greenane	103	Carlow	p148	?		fly	cly	SL-SCL	SL	Carlow							flatish topography 60-120 m	flatish topography 60-120 m
821a	River Burren	River Burren	alluvium, fluvial	River Burren	116	Carlow	p170	811 Eversley		cly	Cey	L	ZC								occurs on lower reaches of River Burren on flat relief	occurs on lower reaches of River Burren on flat relief
822a	Milquater	Milquater	lake alluvium	Milquater	38	Carlow	p164	851 Dovey		fly	Zy	ZCL	ZL	Carlow, Wexford- same name but different							described as lake alluvium but is in close proximity to River Barrow	adjacent to River Barrow
922a	Basin Peat	Basin Peat	peat, fen	Basin Peat	1	Carlow	p63			peat	peat	peat	peat	Carlow, Wexford							peat has been cutover	low lying depressions
911b	Hill Peat	Hill Peat	peat, blanket and raised bog	Hill Peat	2	Carlow	p63			peat	peat	peat	peat	Carlow, Wexford							high elevation sited. Blackstairs mountains	high elevation sited. Blackstairs mountains
	in 911b and 511b upland assocn	Transitional Peat	peat, cutover	Transitional Peat	1A	Carlow	p63			peat	peat	peat	peat	Carlow								
																				</		

Soil Map of Co. Carlow.
(To accompany Soil Survey Bulletin No.17)



- Soil Boundaries
Altitudes
Principal towns
Roads
Rivers
Lakes (uncoloured)
- Where soil boundaries end thus > delineation is discontinued due to scale limitations

GREAT SOIL GROUPS	Grey-Brown Podzolics					Brown Earths					Brown Podzolics				Podzols				Lithosol
	88	89	90	91	92	93	94	95	96	97	22	98	99	100	17	24	101	102	
SERIES	Ballinabranagh	Kellistown	Martinstown	Paulstown	Rathvinden	Acoun	Ballindaggon	Ballytasna	Barris	Keeloge	Clonegall	Kiltealy	Knockquire	Ridge	Ballinagilly	Black Rock Mountain	Blackstairs	Tomard	Corrigvahanagh
PER CENT OF TOTAL AREA	0.63	19.69	0.40	0.41	0.43	0.23	0.42	0.42	22.73	0.60	6.10	2.01	0.77	0.70	0.34	1.88	0.90	0.36	1.54

GREAT SOIL GROUPS	Gleys												Regosols					
	103	23	104	105	106	107	108	109	110	111	112	113	114	115	38	39	25	116
SERIES	Ballinrush	Ballywilliam	Belmont	Castlecomer	Clowater	Coolnakiska	Greenane	Knockmullagurry	Moanduff	Newtown	Parknake	Raheenliegh	Seskinrea	Toberbride	Millquarter	Clonamoon	Kilmannock	River Burren
PER CENT OF TOTAL AREA	0.40	5.69	2.94	0.96	0.81	1.59	0.76	1.66	0.70	5.45	1.21	0.78	1.09	0.81	0.90	0.27	0.01	0.26

*Numbers out of sequence represent soil series already mapped in Co. Wexford.

117	118	1	1A	2
Athy Complex	Broughillstown Complex	Basin Peat	Transitional Peat	Hill Peat
9.82	2.16	0.22	0.54	0.41

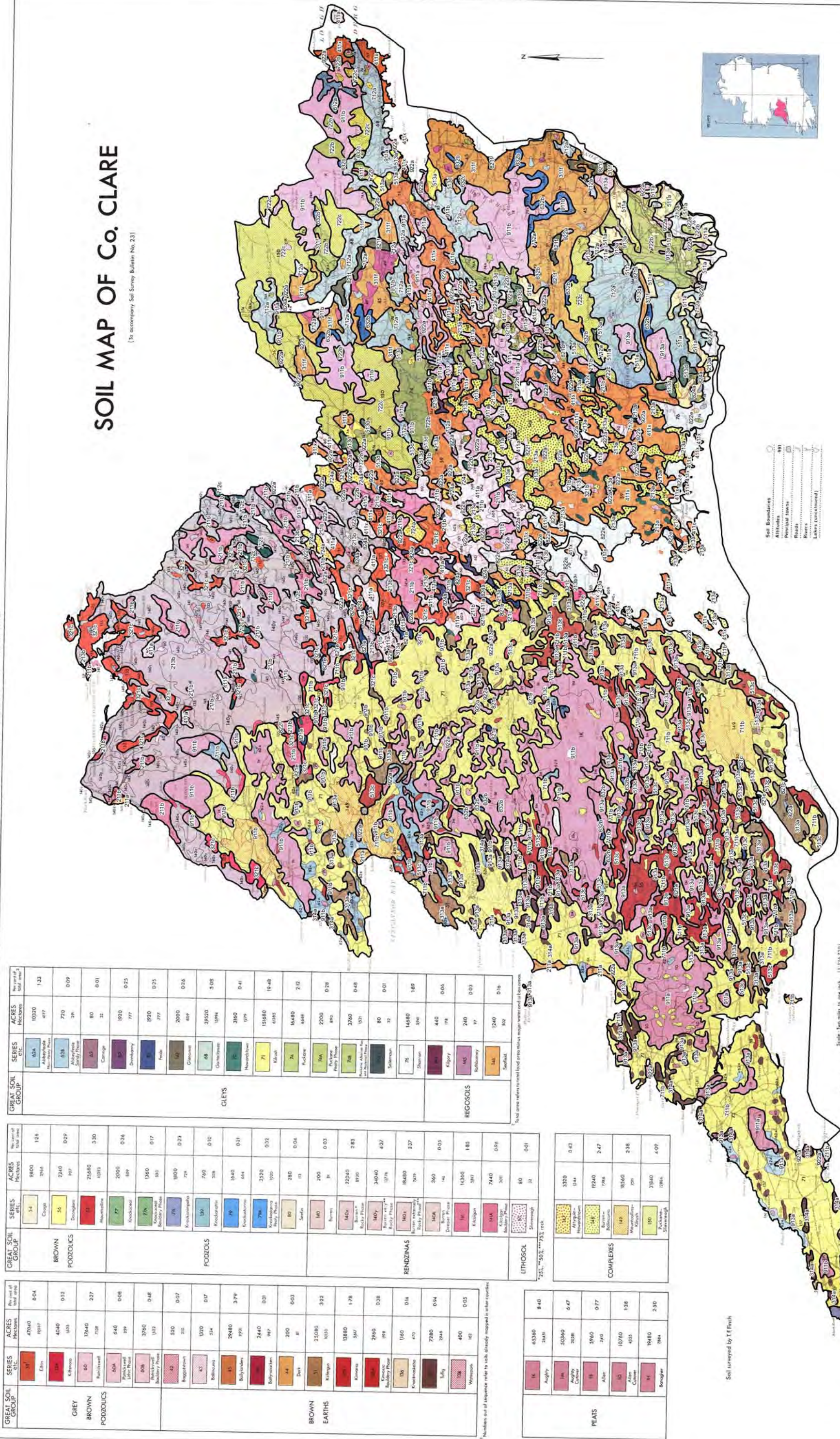
Co.Clare

Rationalised Soil Legend for County Clare November 2010

ISIS_Subgp_cod	Association_Name	Substrate_Type	Lead_series	County_Map_Key	Publication	Representative_Profile	Avery_series	Text_Uppr	Text_Lwr	Text_class_Uppr	Text_class_Lwr	Texture_comment	Where_found	Ancillary1_cod	Ancillary1_name	Ancillary2_cod	Ancillary2_name	Ancillary3_cod	Ancillary3_name	Ancillary4_cod	Ancillary4_name	Ancillary5_name	Association_comment	Landscape
211 211a	Seafield	Sandy stoneless drift	Seafield	146	Clare	p.210-11	11 Sand	Sy	Sy			1% clay	Clare									small areas (polygons) on West coast	Coastal dunes	
211 211b	Kilcolgan	drift over limestone rock	Kilcolgan	141	Clare	p.134,135	Rock	fly	fly	CL	CL	~30% clay	Clare	211 Kilcolgan Bouldery phase								associated with Burren units		
213 213a	Burren	over limestone rock	Burren	140, 140A	Clare	p.200-3	341 Maian	fly	Rk	CL	Rk	Ballincurra fly to 27cm, 14%clay below, rk at 43cm	Clare, Offaly, Laois	213 Burren Deeper phase	321 Ballincurra		Rock					Includes Burren Deeper (140A) phase, Burren-Ballincurra complex; Ballincurra p.208-9	p.34-36 describes Burren Series and phases; photos of limestone pavements p.34(typical),	
213 213b	Burren	limestone pavement	Burren Rocky	140x,y,z	Clare	p3.36, 200-3	Rock		Rk		Rk		Clare	Rock								Includes Rocky (140x), Very Rocky (140y), Extremely Rocky (140z)	p.34-36 describes Burren Series and phases; photos of limestone pavements p.34(typical), 36(75% rock)	
311 311b	Kill	fine loamy drift with igneous and metamorphic stones	Derk	44	Clare	p.118-9		fly	fly	CL	CL	~30%Cl, 41-71cm 39%Cl										drift is felsitic with some limestone		
311 311b	Clashmore	fine loamy drift with siliceous stones	Ballylanders = Clashmore	45	Clare	p.116-7		clY	clY	L	SL	Slurian shale drift with ORS colluvium	Clare,	511 Cooga								Ballylanders on this survey sheet is fly and not on bedrock!! It probably correlates with Clashmore (clY drift with siliceous stones)		
311 311f	Ballylanders	coarse loamy drift with siliceous stones	Ballynalacken=Ballylanders	49	Clare	p.110-11		clY	clY	L, SL	Rk	>20%Cl to 37cm	Clare	513 Borrisoleigh (Mountcollins)	311 Knocknaskaha = Clashmore							includes some 513 Mountcollins (65) = 513 Borrisoleigh		
313 313a	Ashgrove	fine loamy drift with siliceous stones	Kilfergus	51	Clare	p120-21		fly	fly	CL	CL	>30%Cl to 30cm	Clare											
314 314a	Moord	fine loamy drift with siliceous stones	Tullig	137	Clare	p128-9		fly	fly	CL	CL	~30%Cl to 46cm, 24%Cl to 66cm	Clare	711 Kilrush								Tullig rationalised to Moord		
321 321a	Bagginstown	coarse loamy drift over calcareous gravel	Bagginstown	42	Clare	p106-7		clY	clY	SL	SL	~10%Cl	Clare, Offaly											
321 321b	Ballincurra	fine loamy over limestone	Ballincurra	43	Clare			L		L		>20%Cl to 27cm, humose top	Clare	321 Killenora								includes Killenora (p134-5), 42-49%Cl to 64 cm		
321 321c	Kinvarra	Fine loamy over clayey drift with limestones	Kinvarra	135, 135A	Clare	p.35-6, 38	5.41			L	L		Clare	321 Killenora?			411 Patrickswell/ Elton							
411 411a	Patrickswell 1	Loamy drift with limestones	Patrickswell	60, 60A, 60B	Clare	p136-141		Ly	fly	fly	fly		Clare,Offaly, Laois,	321 Bagginstown	411 Elton		Patrickswell Lithic phase					includes Patrickswell Lithic and bouldery phases		
411 411x	Elton 1	Loamy drift with limestones	Elton	59	Clare	p132-3		fly	fly	L	ZL,L	17%Cl 43-64cm, 26%Cl 64-86cm	Clare, Offaly, Laois	411 Patrickswell	712 Howardstown		213 Burren-Ballincurra complex					areas of Howardstown, a few small areas of Burren-Ballincurra where limestone protrudes upwards		
511 511a	Cooga	coarse loamy drift with siliceous stones; locally over gravel	Cooga	54	Clare	p142-5	611	clY	clY	SL	SL	clY mostly 9-13%Cl	Clare, Offaly, Laois	513 Doonglara		213 Burren-Ballincurra complex						includes Cooga podzol variant (54)	includes Doonglara (56), profile p.146-7 SL thruout9-17%Cl	
513 513c	Borrisoleigh	coarse loamy drift with siliceous stones	Mountcollins=Borrisoleigh	55	Clare	p146-7		clY	clY	SL	SL	15%Cl to 22cm, 6%Cl below	Clare	5137 Mountcollins-Kilrush complex								includes Mountcollins Luftriosolic variant (23cm over rock)		
513 513d	Knockacool	Coarse loamy over sandstone	Knockacool	77, 77A	Clare	p152-3		clY	clY	SL	SL	12%Cl thruout	Clare									includes Mountcollins bouldery phase	over Old Red Sandstone (ORS)	
632 632b	Knockastanna	Loamy over shale bedrock	Knockastanna	79, 79A	Clare	p162-65	651 Hiraethog	fly	fly	ZCL,CL	L,SL	Shaly loam 6%Cl, 24%Z, 9.6%Cl in top	Clare,Offaly, Laois	911 Auchty		712 Gortacraeen						includes Knockastanna Peaty Pahse(79A)	6.6%Cl in top 15cm, humose	
632 632c	Forth Commons	Loamy over sandstone bedrock	Seefin= Forth Commons	80	Clare	p166-7		clY	clY	SL	Rk	Rock (ORS) at 30cm	Clare									small area mapped, Seefin (80) rationalised to Forth Commons		
711 711b	Kilrush	Fine loamy drift with siliceous stones	Kilrush	71	Clare	p186-7	714 Brickfield	fly	fly	L, CL	CL, L	humose surface horizon (8.4%Cl) 10cm thick, 3.4%Cl to 17cm depth,	Clare, Offaly, Laois	712 Gortacraeen		313 Kilfergus		911 Auchty				Includes Abbeyfeale non-peaty pahse (63A) and Abbeyfeale sandy phase (61B) rationalised to Kilrush.	Profile p184-5 is Clayey over rock at v36cm; horizons over rock similar to Howardstown	
712 712a	Gortacraeen	Fine loamy drift with siliceous stones	Gortacraeen	68	Clare	p178-9	721	fly	fly	L,CL	CL	5.9%Cl to 9cm, 2.6%Cl to 19cm; 31%Cl 41-79cm	Clare, Offaly, Laois	722 Pukane		511 Cooga		911 Auchty		311 Ballylanders		includes small areas of peat, 913a,		
712 712c	Howardstown	clayey drift with limestones	Howardstown	70	Clare	p182-3		Pt, Cey, Rk	Pt, Cey, Rk	ZC, ZC	ZC, Rk	peaty top to 18cm, 8.3%Cl to 28cm	Clare, Laois									aberrant profile		
721 721b	Knockroe	Coarse loamy drift with siliceous stones	Knockroe=Sellaunaun	143	Clare	p194-5		clY	clY	SL,SL	LS,SL	3-7%Cl thruout, very coarse	Clare									small polygon		
722 722b	Puckane 1	Coarse loamy drift with siliceous stones	Puckane	74, 74A, 74B	Clare	p188-9		clY	clY	SL,SL	SL,SL	4.9%Cl, 16%Cl; 4.2%Cl, 12%Cl	Clare	721 Knockroe		513 Doonglara		712 Gortacraeen				Includes alkaline parent material phase (74B)		
722 722c	Puckane 2	Coarse loamy drift with siliceous stones	Puckane	150	Clare	p190-1		clY	clY	Pt,LS	SL, SL	23cm of 31.2%Cl	Clare	112 Knockkeyon								Puckane-Slieve-reagh complex; Includes Peaty Phase (74A)		
724 724a	Ballyshear	Drift with limestones	Ballyshear=Alyquin-Howardstown	147	Clare	p176-177		clY	clY	Pt,L	SL,L	7.9%Cl to 13cm; 7.9%Cl to 23cm; 24%Cl to 13cm	Clare, Offaly, Laois	712 Ballinamoor								Mapped as Alyquin-Howardstown complex (147); Howardstown Humus B Variant (p182-3) is over limestone rock at 28cm!	Howardstown (p180-1) is fine loamy and humose in top (to 17cm)	
821 821e	Boyne	silty River alluvium	Boyne (=Feale)	82	Clare	p214-5		fly	fly	ZC,ZC	ZCL,ZCL	45%Cl to 27cm, 35-8%Cl below	Clare, Offaly, Laois	811 Clohamon								Feale series is Cey over fine Silty in Co Clare		

SOIL MAP OF Co. CLARE

[To accompany Soil Survey Bulletin No. 23]



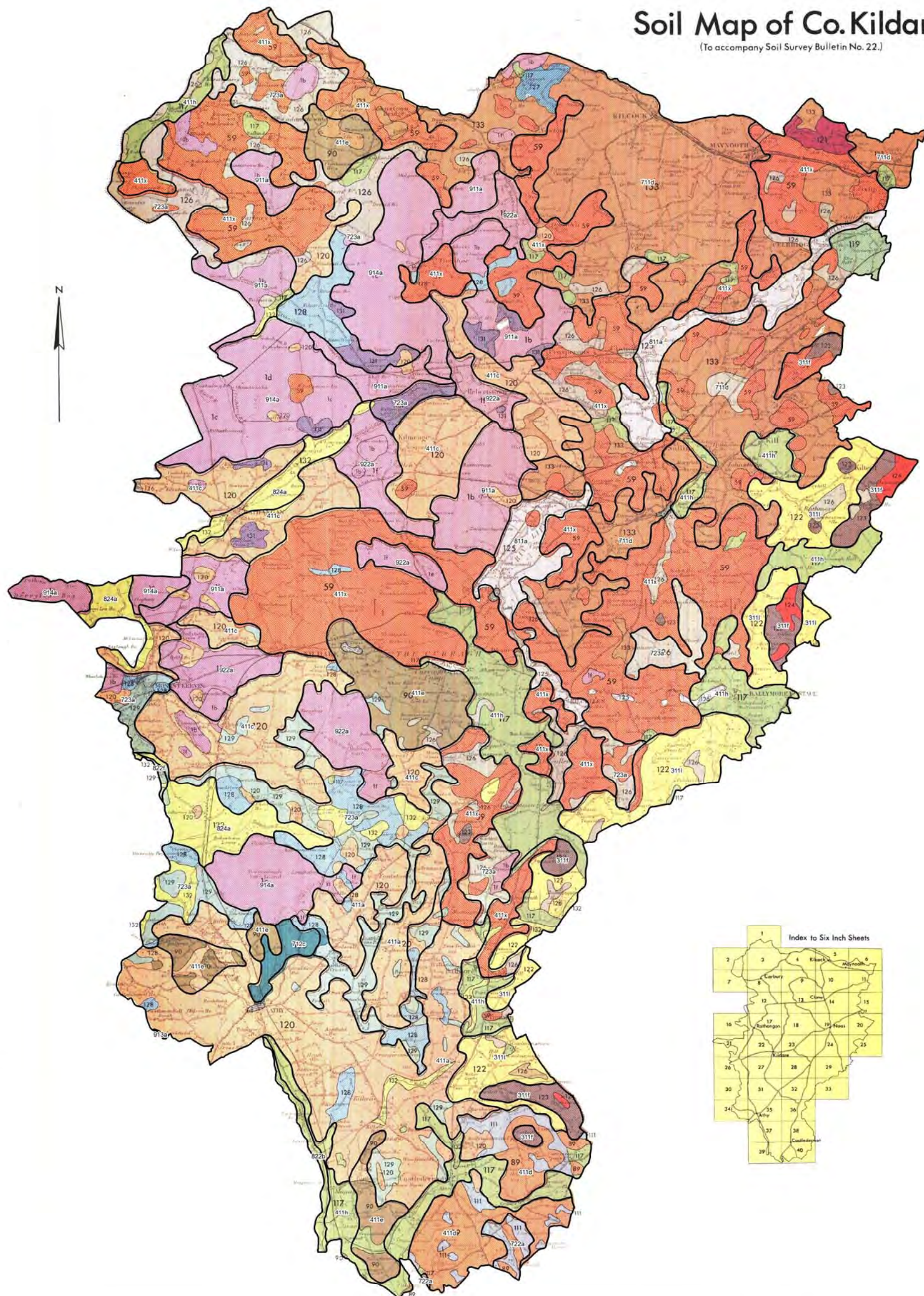
Co. Kildare

Rationalised Soil Legend for County Kildare

[illegible]

Soil Map of Co. Kildare

(To accompany Soil Survey Bulletin No. 22.)



Great Soil Group	Grey Brown Podzolics							Brown Earths	Podzols	Regosols
Series	119	59*	120	121	89	122	90	123	124	125
	Donaghcumper	Elton	Fontstown	Grange	Kellistown	Kennycourt	Mortarstown	Hughstown	Cupidstownhill	Liffey
Acres	1,460	85,493	70,731	1,380	6,640	16,050	12,400	5,480	1,080	9,060
Hectares	591	34,599	28,624	558	2,687	6,495	5,018	2,218	437	3,666
Per Cent of Total area	0.35	20.42	16.89	0.33	1.59	3.83	2.79	1.30	0.26	2.16

*Numbers out of sequence refer to soils already mapped in other Counties

Great Soil Group	Gleys					
Series	126	127	128	129	111	130
	Dunnstown	Garristown	Kilpatrick	Mylerstown	Newtown	Sawyerswood
Acres	22,600	920	9,320	12,500	2,160	1,460
Hectares	9,146	372	3,772	5,059	874	591
Per Cent of Total area	5.40	0.22	2.23	2.99	0.52	0.35

Complexes (mainly mineral soils)			
131	117	132	133
Allenwood	Athy	Finnery	Straffan
3,820	27,520	10,460	56,211
1,546	11,137	4,233	22,749
0.91	6.57	2.50	13.42

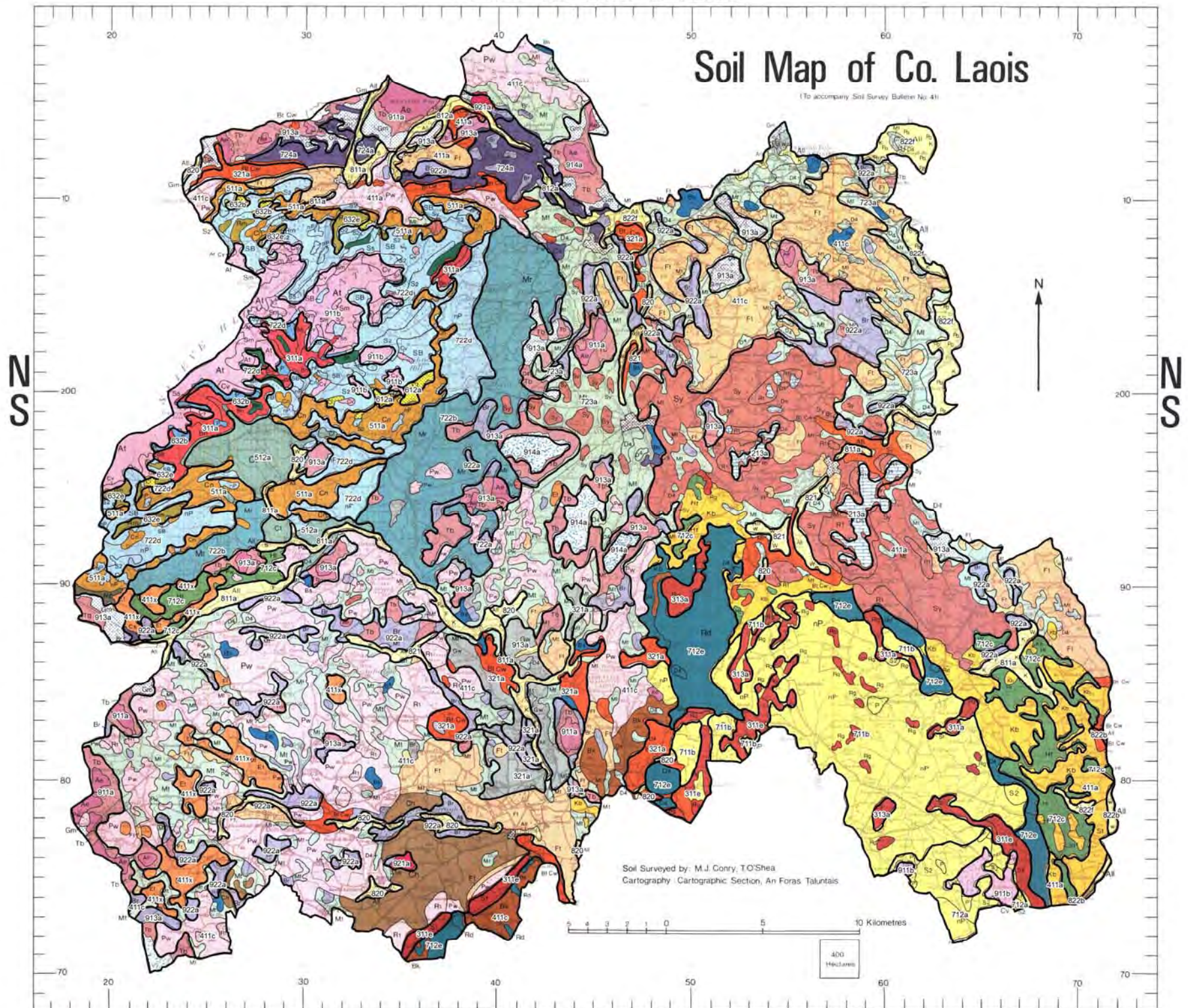
Raised Bog			Fen Peat	Reclaimed Peat
1b	1c	1d	1e	1f
Allen	Clonsast Complex	Boora Complex	Pollardstown	Banagher
29,460	17,060	3,260	440	11,680
11,922	6,904	1,319	178	4,727
7.04	4.08	0.77	0.11	2.79

Co. Laois

ISSS_Subgp_cod	Association_Name	Substrate_Type	Lead_series	County_Map_Key	Publication	Representative Profile	Avery_series	Text_Uppr	Text_Lwr	Text_class_Uppr	Text_class_Lwr	Texture_comment	Where found	Ancillary1_cod	Ancillary1_name	Ancillary2_cod	Ancillary2_name	Ancillary3_cod	Ancillary3_name	Ancillary4_cod	Ancillary4_name	Ancillary5_cod	Ancillary5_name	Association_comment	Landscape
213 213a	Burren	over limestone rock	Burren	Ds	Laois	p47-49	341 Marian	fly	CL	CL			Laois, Offaly		Rock										
311 311a	Clonroche	Drift over siliceous stones	Clonroche	Bn	Laois	p204-8	541	fly	L, CL	SL		Baunreagh Gravelly Variant is cly/Sy	Laois,	632 Knockastanna		611 Slievebeag	722 Bawnrush							Baunreagh Gravelly Variant is cly/Sy; Bawnrush needs to be rationalised	
311 311e	Kells	Drift over hard shale	Kells	Rg	Laois	p236-7	541	fly	ZCL, CL	ZL		topsoil 43%C; Steep phase L/S/L	Laois, Offaly	711 Kilrush		313 Ridge								Ridge Series (Rg) non-humose; Ridge Stony (Rg SS) ?humose & Ridge Steep (St) phase is humose; small incursions of Kilrush	
311 311f	Ballylanders	over shale or slate	Ballylanders	Bn	Laois	p209-12	541	fly	L-CL	CL			Laois, Offaly	313 Ridge		711 Kilrush								Baunreagh Steep & Very Steep (Bn SS) Phases have peaty tops and are podzols Knockastanna (Ks P); (313) = Ridge; Abbeyfeale Non peaty (Afrp) phase rationalised to Kilrush	
321 321a	Baggotstown	Drift over calcareous gravel	Baggotstown	Bt-Cw	Laois	p166-69	541	cly	cly	SL	CL, SL	Mapped in Baggotstown-Carlow complex	Laois, Offaly, Tipperary	321 Cullahill fly/Calc gravels		213 Crush	411 Patrickswell/Elton							Moderately deep component; Shallow component 36cm deep only; Cullahill could be 321 fly over Calc gravels	
411 411a	Patrickswell 1	Drift with limestones	Patrickswell	Pw	Laois	p144-5; Sy p142-3	571	ly	L	L (CL)			Laois, Offaly	321 Baggotstown		411 Elton	723 Mylerstown			724 Ballintemple				Includes Fontstown (Ft), Stadbally (St), Cullahill (Ch), and Knockbeg (Kb), all rationalised to Patrickswell (Pw); Cullahill (Ch) -> Baggotstown	
411 411c	Patrickswell 3	Drift with limestones	Patrickswell	Pw	Laois	p144-5; Ft p138-9; Ch p140-1	571	ly	L	L (CL)			Laois, Offaly	723 Mylerstown		724 Ballintemple	321 Baggotstown			724 Ballyshear	824 Drombanny			Includes Clonlisk= Mylerstown	
411 411x	Elton 1	Drift with limestones	Elton	Et	Laois	p146-7	571	fly	L	L-CL			Laois, Offaly,	321 Baggotstown		712c Howardstown	723 Mylerstown							Include very small areas of Howardstown (H) and Mylerstown (Mt); includes Ballinakill	
511 511a	Coga	Drift with siliceous stones; locally over gravel	Coga	Cn	Laois	p140-1	611	cly	cly	SL	SL	4 modal profiles all cly	Laois, Offaly	612 Portlaw		722d Slieve Bloom	513 Cardtown							Clonin (Cn) a complex rationalised to 511 Coga; contains small areas of Slieve Bloom (SB) Undulating (SB S2) & non-peaty (SB np) phases and small polygon of Conlawn (Cl) rationalised to Portlaw (612); includes Cardtown (Ct) complex; podzols, Brown Earths, Brown Earths with Gleying & Gleys	
512 512a	Clonagall	Drift with siliceous stones	Clonagall	Ct	Laois	p76-7; no profile	612	cly	cly			described as gravelly SL texture		722 Slieve Bloom										Ridge stony phased (fly over shale bedrock) = cupidstown	
632 632b	Knockastanna	Loamy over shale bedrock	Knockastanna	Ks	Laois	p213-5	651 Hiraerthog	cly	L	SL, LS		modal profile (p107-8) has 30cm topsoil of peat, with iron pan at 40cm	Laois, Offaly	911 Aughty		712 Gortaclareen								cf Knockastanna in Laois (l'autre cote Slieve Bloom Mtns)	
632 632e	Killinga	Drift with siliceous stones		Rm	Laois	p218-221		cly	cly	LS, SL	SL	one modal has 17cm peat on top				311 Clonroche								Rossmore (Rm) rationalised to Killinga (632); includes Conlawn (612) rationalised to Portlaw	
722 722d	Slieve Bloom	Drift with siliceous stones	Slieve Bloom	SB	Laois	p222-225	721 Kielder	cly	cly	LS, SL	L, SL	humose surface horizon 10cm thick;	Laois, Offaly	722 Slieve Bloom Peaty Phase		632 Knockastanna	722 Bawnrush			911 Aughty	511 Coga			Includes some Bawnrush (Bn) needs rationalising; 722?; includes Slieve Bloom undulating, steep and non-peaty phases	
723 723a	Mylerstown	Drift with limestones	Mylerstown	Mt	Laois	p158-159	721 ???	ly	L	SL	SL	Loam ->30cm, SL -> 54	Laois, Offaly	724 Ballyshear		411 Patrickswell	922 Banagher			411 Elton	913 Gortnamona			Includes Patrickswell Rocky phase; some Stradbally, Elton, Fontstown; Mylerstown Imperfectly drained phase (Mt D4); Monrath Complex (Mt) = Mylerstown	
724 724a	Ballyshear	Drift with limestones			Laois	p162-163		fly	cly	CL, L	SCL, CL	humose top, 8.6%OC	Laois, Offaly	922 Banagher										Analyses show Rtg (53-80/120cm) is clay (41% C), CL in description; 3 polygons only include Banagher (Bn); incl. Conalee (Bs) = Poorly drained component of Achy Complex	
811 811a	Clohamon	River alluvium		All	Laois	p190-191		cly	cly	LS, SL	SL	sandy topsoil	Laois	812 Rearymore		821 Vicarstown								Alluvium on Laois map not differentiated except for 'freely drained' and Pollagh;	
812 812a	Rearymore	River alluvium		All	Laois	p182-3		cly	cly	L, LS	SCL, SL	Top 23cm is fly L, over 10cm LcS, 18cm SCL over SL	Laois, Offaly, Kildare	811 Clohamon											
821 821b	Vicarstown	River alluvium	Vicarstown	All	Laois	p188-7		Cy	C	ZL		Peat at 98cm	Laois, Offaly	811 Clohamon										2 profiles, one Boyne (821), 2nd Drombanny (824); alluvium poorly documented	
822 822f	Canogoe	River alluvium		All Po	Laois	p186-7; p188-9		Cy	C	C		Peaty SC 58-63cm over LS	Laois, Offaly	821 Vicarstown		811 Clohamon	824 Dombanny							Alluvium documented but not delineated on map;	
911 911a	Allen	Peat (Raised Bog)		Ae	Laois	p194-5	1011 Longmoss	fpPt	fpPt			Poorly humified upper horizons, poorly decomposed deeper layers	Laois, Offaly, Clare, Meath, Tipperary, Westmeath	913 Turbary (Tb)		913 Gortnamona (Gm)	922 Banagher (Br)			921 Pollardstown (Pt)				Ombrotrophic peat of cyperaceous origin; pH 3.5 ->3.8	
911 911b	Aughty	Peat (Blanket peat)		At	Laois	p234-5		spPt	spPt			well humified upper horizon over semi-fibrous peat to 150cm; loam below	Laois, Offaly, Clare, Meath, Tipperary, Westmeath	911 Auchty Slumping phase (At Sn)		911 Auchty Cut-over phase (At Cv)	911 Auchty Shallow phase (At Sh)							Ombrotrophic peat of cyperaceous origin; pH 3.5 ->3.8	
913 913a	Turbary	Peat (Cut-over)		Tb	Laois	p196-7		hpPt	spPt			well humified peat over semi-fibrous peat	Laois, Offaly	913 Gortnamona (Gm)		922 Banagher (Br)								Ombrotrophic peat of cyperaceous origin; pH 3.7 -> 4.0; 80-125cm pH4.2	
914 914a	Clonsast	Peat (Industrial milled & machined)		Industrial complex	Laois	p60, no profile	10??	fpPt	fpPt			upper horizons removed, poorly decomposed deeper layers	Laois, Offaly, Clare, Meath, Tipperary, Westmeath	913 Turbary (Tb)		914 Industrial Complex (Milled & Machined peat)	922 Banager (Br)							Ombrotrophic peat of cyperaceous origin; pH 3.7 -> 4.0; Bord na Mona raised bog exploited for moss peat production	
921 921a	Pollardstown	Peat (fen)		Pt	Laois	p60; no profile		hpPt	spPt			well humified amorphous peat, layers of shell marl & Gyttja interspersed with amorphous peat to 150cm (Offaly description]	Laois, Offaly, Clare, Meath, Tipperary, Westmeath	922 Banagher (Br)										Minerotrophic peat , eutrophic pH<4.0; one polygon with Banagher (Br)	
922 922a	Banagher	Peat (fen)		Br	Laois	p202-3	10??	hpPt	hpPt			Well humified (amorphous) peat	Laois, Offaly, Clare, Meath, Tipperary, Westmeath	913 Turbary (Tb)		911 Allen (Ae)								Minerotrophic peat , eutrophic pH<4.0, some small inclusions of Mylerstown (Mt)	
		Representative profiles: page numbers refer to Conry, M.J. (1987). Soils of Co. Laois. Soil Survey Bulletin No.41, 259pp, Dublin.																							

Soil Map of Co. Laois

(To accompany Soil Survey Bulletin No. 41)

Soil Surveyed by: M.J. Conry, T.O'Shea
Cartography: Cartographic Section, An Foras Taluntais

Slieve Bloom Mountains

Great Soil Group	Brown Earth		Podzol	Gley	Podzol		Gley				Complexes		Peat			
Soil Series	Bn	Bn S ₁	Kp P	Bw	Cl	Rm	SB	SB S ₁	SB S ₂	SB nP	Cri	Ct	At	At Sm	At Sh	At Cv
Parent Material	Shale bedrock and till composed mainly of shale with a little sandstone				Sandstone bedrock and till composed mainly of sandstone with a little shale and chert						Fluvio-glacial gravels composed mainly of sandstone, shale and limestone					
% Total Land Area	543	349	246	195	205	390	2132	246	1056	2440	2603	1302	1527	400	041	543
Hectares	933	599	423	335	352	669	3,661	423	1,813	4,190	4,471	2,236	2,623	687	70	933

*Urban areas = 264 ha 0.154%

Central Lowlands

Great Soil Group	Grey Brown Podzolic									Podzol - Grey Brown Podzolic	Gley				
Soil Series	Ft	Ch	Sy	Sy R ₁	Pw	Pw R ₁	Et	Kb	Kb S ₁	Gw	Mt	Mt D ₁	B ₁	H ₁	C ₁
Parent Material	Calcareous till composed mainly of limestone → increasing admixture of sandstone and shale									Glacial sand overlying limestone (t)	Calcareous till composed mainly of limestone				
% Total Land Area	7564	1640	5441	1004	9502	830	1383	2892	523	1374	11674	1199	523	1849	1312
Hectares	12,991	2,817	9,345	1,725	16,318	1,426	2,376	4,967	898	2,359	20,048	2,060	898	3,176	2,253

Peat

Soil Series	At	Tb	Gm	Br	Ri	Industrial Complex
Parent Material	Allen	Turbary Complex	Gortnamona	Banagher	Pollardstown	
% Total Land Area	1066	4008	1476	4797	092	769
Hectares	1,831	6,883	2,535	8,238	158	1,320

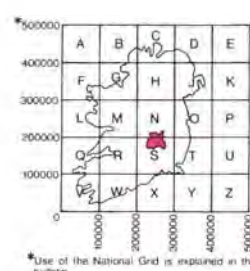
Complexes

Soil Series	Bl-Cw	Ds	Mt	All
Parent Material	Baginbun-Carlow	Dysart Hills	Mountrath	Alluvium
% Total Land Area	2777	554	4326	3987
Hectares	4,770	951	7,429	6,848

S River Alluvium derived from sandstone
W River Alluvium with high water table and regular flooding
F River Alluvium, free draining, subject to periodic flooding
K Potash fixing river alluvial soils
Po Pollagh landS₁ Undulating Phase (Slope 1-6°)
S₂ Steep Phase (Slope 19-27°)
D₁ Imperfectly drained Phase
R₁ Rocky Phase (2-10% rock)

Castlecomer Plateau

Great Soil Group	Brown Earth			Gley			Grey Brown Podzolic		Peat
Soil Series	Rd	Rd S ₁	Rd S ₂	At nP	At P	At S ₂	T ₁ C	T ₂ C	At Cv
Parent Material	Shale bedrock			Flagstone bedrock			Dense calcareous till composed of sandstone, shale, flagstone and limestone		
% Total Land Area	1127	256	533	6591	133	656	2056	584	298
Hectares	1,936	440	915	11,319	229	1,127	3,531	1,003	511

Soil Boundaries.....
Altitudes.....
Roads.....
Rivers.....
Towns.....
Major Lakes.....

*Use of the National Grid is explained in the bulletin

Co. Leitrim

GH

Soil Map of Co. Leitrim

To accompany Soil Survey Bulletin No. 29

Scale 1:126,720

4 2 0 2 4 6 8 10 12 Kilometres

Soil Boundaries
 Altitudes
 City and principal towns
 Roads
 Rivers
 Lakes (uncoloured)

Soil surveyed by M. Walsh, M.Sc., T.A. Martin,
 R. Roldan, A. Coney and T. Radford, Head of
 National Soil Survey, Dr. M.J. Gardiner.

G
M

THE NATIONAL GRID

The grid is divided into letters (see diagram). Grid lines are shown by short lines at one kilometre intervals on grid frames. These letters and numbers are numbered.

EXAMPLE

MANORHAMISTON

(i) Locate letter of point in which you are.	G
(ii) Draw a vertical line to the letter and a horizontal line to the number.	
(iii) Estimate number of one kilometre divisions between point and first vertical grid line left of point. Add estimate to value showing first grid line.	88
(iv) Estimate number of one kilometre divisions between point and first horizontal grid line below point. Add estimate to value showing first grid line.	39

Personal grid reference for Manorhamiston: G 88 39

M
N

Great Soil Group	Lithosols	Brown Earths	Rendzinas	Grey-Brown Podzolics	Brown Podzolics				Podzols
Soil Series Etc.	151 Crumpaun	152 Loughmuiran	140* Burren	153 Cloncarreen	154 Corriga	155 Kilnaguer	156 Mountcollins	157 Wardhouse	157 Stonepark
Parent Material	Shore material derived from limestone.	Colluvium derived from Ben Bulbin shale (generally calcareous) and Glacial Limestone	Shallow glacial drift derived from limestone and calcareous shale.	Glacial drift derived from calcareous sandstone and con-glomerate	Glacial drift derived from greywacke, siliceous mudstone and shale.	Glacial drift derived from coarse grained gneiss, quartzite, mica-schist and epidiorite.	Glacial drift derived from shale with some sandstone and conglomerate.	Glacial drift derived from sandstone and some shale (usually calcareous).	Glacial drift derived from gneiss, quartzite, mica-schist and epidiorite.
% Total Area	0.45	0.14	0.90	0.20	0.38	0.46	0.16	0.78	0.45
Acres	1,767	549	3,533	785	1,492	1,805	628	3,062	1,767
Hectares	715	222	1,429	317	604	730	254	1,239	715

% Total Area refers to total land area (Water equals 5.82%).

*Numbers out of sequence refer to soils already mapped in other counties.

Great Soil Group	Gleys						
Soil Series Etc.	158	159	159A	160	161	162	
	Ballinamore	Drumkeeran	Drumkeeran Peaty Phase	Garvagh	Howardstown	Killyclogher	Rinnagawna
Parent Material	Glacial drift derived from limestone, calcareous sandstone and shale.	Glacial drift derived from shale with some conglomerate and sandstone.	Glacial drift derived from limestone, shale and sandstone.	Glacial drift derived from limestone with some sandstone and shale.	Glacial drift derived from sandstone and conglomerate (usually calcareous).	Glacial drift derived from sandstone and conglomerate with some shale.	Glacial drift derived from calcareous sandstone and conglomerate (usually calcareous) and gneiss.
% Total Area	10.29	9.58	1.84	17.17	1.57	2.28	4.09
Acres	40,390	37,603	7,223	67,400	6,163	8,950	16,056
Hectares	16,345	15,217	2,923	27,277	2,494	3,622	6,498

Complexes		
162	164	165
Ballinamore - Allen	Ballyhaise - Corrigo	Mortarstown-Kinvra
0.87	2.91	3.33
3,415	11,423	13,858
1,382	4,633	5,608

Peats		
18	1K	1P
Allen	Aughty	Ardrum Association
4.76	21.27	10.10
18,720	83,500	39,616
7,575	33,792	16,034

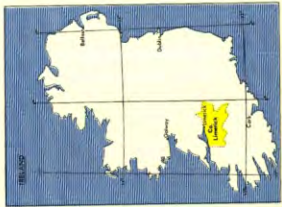
Co. Limerick

Rationalised Soil Legend for Limerick (Dec 2009)

National Association	County Association	Association_Name	Substrate_Type	Irish Map unit	Irish PM type	Lead_series	County_Map_Key	Publication	Representative Profile	Avery_subgroup_cod	Avery_series	Text_Uppr	Text_Lwr	Text_class_Uppr	Text_class_Lwr	Texture_comment	Where found	Ancillary1_cod	Ancillary1_name	Ancillary2_cod	Ancillary2_name	Ancillary3_cod	Ancillary3_name	Association_comment	Landscape	Misc notes	Rationalisation
411x	3 11	(Knockalmy Variant within) Elton	Fine loamy drift with limestones (siliceous stones?)	Knockalmy Variant	Glacial drift mainly limestone plus sandstone, shale and volcanics	Elton		Limerick	p85, 167	541 East Keswick 1st var	ILy	ILy	L	L	No Bt	Within Elton map units									Leave as an ancillary within Elton association		
414a	414f	Crosstown	Fine loamy drift with siliceous stones (only 50% 1st)	Ballydoole	Glacial drift of mixed limestone-sandstone-shale composition; of Weichsel Age	Ballydoole = Crosstown	57	Limerick	p47, 150	572 Bishampton	ILy	ILy	SCL	SCL	Described as L-SCL	Limerick	411 Elton							Elton on knolls where underlying 1st drift comes to surface; not humose	Flat to rolling relief	Equal proportions sst and 1st so gone for siliceous stones; Saturated only at 65cm depth	
511a	511e	Cooga_1	Coarse loamy drift with siliceous stones; locally may be over gravel?	Cooga	Sandstone fluvioglacial drift some shale	Cooga	54	Limerick	p45, 149	611 Garth	cLy	cLy	SL	SL		Tipperary, Clare, Limerick	511 UN29 (ILy DR-SIL)						From colours suspect similar to wQ and Ew	Easy rolling landscape gravelly LS below 31inches; some over gravel?	Associated with Ballyvorheen in Limerick;		
513a	513d	Knockboy	Coarse loamy drift with siliceous stones	Doonglara	Sandstone till or colluvium	Doonglara = Knockboy	56	Limerick	p65, 158	612 Unnamed	cLy	cLy	L	SL	<20% clay throughout	Clare p18, 146- 611 Garth (cult podzol); Limerick- 612 cult podz	612 Knockaceol	712 Puckane	311 Ballyvorheen					Distinction between this soil and Cooga is uncertain - both seem to have borderline OC values; both descriptions SL but profiles are finer	Merge with Cooga?	Is organic top the real difference between this series and Cooga? Includes 77 (sandstone), 74 and 46	
513a	612	Knockboy	Coarse loamy drift with siliceous stones	Knockcommiane Variant	Glacial drift predominantly ORS with shale admixture (Saale)	Knockboy		Limerick	p88, 168	631 Redlodge CoLy var cult	cLy	cLy	SL	SL		Limerick only	311 Kilbeheny= Ballyvorheen							Mapped with Kilbeheny = Ballyvorheen, which is 311 Sdy DR SIL			
513b	513e	Rathkenny	Fine loamy drift with siliceous stones	Ballybrood	Glacial drift, principally of Millstone Grit origin with an admixture of limestone, sandstone and felsite; of Weichsel Age	Ballybrood = Rathkenny	53	Limerick	p44, 149	612 Meline	Fly	cLy	L		ILy to 1.4 in then cLy just; OC 5.5 to 7 in	Limerick	513 Borrisoleigh (over rk)							Associated with Cloverfield	Maybe best to let Ballybrood cover thin drift over rock and Cloverfield embrace deep drifts?		
513c	513c	Borrisoleigh	Fine loamy over shale	Mountcollins	Glacial drift derived from shale with some sandstone and conglomerate of Drumkeeran	Mountcollins = Borrisoleigh	55	Leitrim, Limerick	p75, p150	612 Parc	ILy	Rk	CL	Rk		Leitrim, Clare, Limerick	511 UN29 (ILy DR-SIL)						ILy over shale drift - Meline - no profile; cLy over shale - Manod - p148 Clare	Rolling lowland and drumlin	6 32 Knockanimpaha (78) has been mapped within 55	Includes 71 and 78	
513d	612a	Knockaceol	Coarse loamy over sandstone	Knockaceol	Sandstone bedrock - some till	Knockaceol	77	Limerick	p66, 158	631 Anglezake	cLy	Rk	SL	Rk	Description says SL; all clay contents <20%	Clare and Limerick - very similar profiles; cLy - thin hum top	112 Slieveagh = Knockeayon						Not easy to classify from data available		Includes 65 - already catered for within Ancillary soils		
632b	631a	Knockastanna	Fine loamy over Palaeoz shale	Knockastanna	Shale Till and Colluvium	Knockastanna	79	Limerick	p69, 159	651 Hafren	ILy	Rk	CL	Rk		Offaly (peaty 63?; Tipperary, Laois (Peaty -63?); Clare (65?); Limerick (651)							>800ft in Slievefelim and Galty ranges	Related in PM to Ballylanders but occurs at higher altitude			
632b	631	Temple Hill variant within Knockastanna	Fine loamy over Palaeoz shale	Temple Hill variant	Slurian Shales and associated colluvial material	Knockastanna		Limerick	p89, 168	651 Hafren	ILy	Rk	L	Rk	Becomes SL and LS above bedrock									Cannot distinguish from Knockastanna			
632b	632b	Knockastanna	Fine loamy over lithoskeletal shale	Knockanimpaha	Upper Carboniferous shale and grit bedrock and associated colluvium	Knockanimpaha = Knockastanna	78	Limerick	p68, 159	651 Hraethog	ILy	Shale	L	Shale	Peaty top; Bg layer above iron pan	Clare, Limerick	6 31 Knockastanna (632)						Found in W Limerick hill region above 700ft	Rolling relief and small scaps	Associated with Abbeyfeale, with which it could be lumped?; Only one map separate remains and best with Mountcollins (65) = Borrisoleigh		
632c	632a	Forth Commons	Loamy over sandstone	Seefin	Sandstone, colluvium or till	Seefin = Forth Commons	80	Limerick	p71, 160	651 Belmont	cLy	Rk	SL	Rk		Clare (633); Limerick (651)							Upland >800ft				
711b	711f	Kilrush	Fine loamy drift with siliceous stones	Kilrush	Glacial drift of Upper Carboniferous shale-sandstone origin	Kilrush	71	Limerick	60, 155	711 Pinder	ILy	ILy	CL	CL	Close to clayey; described as SWG	Clare, Limerick							undulating and occasionally rolling relief below 1,000ft	Closely associated with Mountcollins, Killybegus and to lesser extent Abbeyfeale			
711b	712n	Kilrush (in Clare)	Clayey drift with siliceous stones	Kilrush	Glacial drift of Upper Carboniferous shale-sandstone origin	Kilrush	71	Clare	31, 185	721 Roddlesworth	Cy	Cy	CL	CL	Profile has shale within 50cm depth	Clare, Limerick	712 Cluggin over rk						undulating and occasionally rolling relief below 1,000ft	Should be separated from Limerick soils?			
711b	712o	Kilrush	Fine loamy drift with siliceous stones	Abbeyfeale	Glacial drift and soliflucted shale and sandstone	Abbeyfeale = Kilrush	62	Limerick	p52, 153	721 Wilcocks	ILy/Zy	ILy	CL	L	High silt content and just silty on USDA	Laois, Clare, Limerick	7 22 Sleeve Bloom						There is likely to be an element of GWG in these soils - bottom horizon only 19% clay.	Undulating, occasionally flat or rolling, many long smooth slopes	Abbeyfeale non peaty phase has humose topsoil therefore included within Abbeyfeale association see p153. However,	Maybe a candidate for 7 31 undifferentiated gleys - NO- see drainage map. Intimately mixed with Mountcollins (Yes) and Knockanimpaha and Blanket	
712b	712m	Gortacraeen_1	Fine loamy drift with siliceous stones	Gortacraeen	Sandstone-shale till	Gortacraeen	68	Limerick	p57, 154	721 Wilcocks	cLy	ILy	L	SCL	Does not become more permeable with depth; plastic CL at base - 7.11?	Offaly, Tipperary, Clare, Limerick, Mayo West	7 22 Sleeve Bloom	711 Kilrush					Offaly (p115) 85ha Freni; Tipperary (p122) 4750ha Freni; Limerick 3045ha. See later version of Soil_profiles, master_RCP_July	Flat to rolling (more commonly flat)	Groundwater vs Puckane (cLy): Cannot see a good reason for separating just add a 7.11 or 7.21 these two soils		
712b	712q	Cluggin	Fine loamy drift with siliceous stones (50%1st 50%sst)	Cluggin	Glacial drift composed of almost equal proportions of limestone and	Cluggin	64	Limerick	p56, 154	721 Wilcocks/ Roddlesworth	Fly-Cy	ILy	CL-C	CL	6.0 OC so humose	Only Limerick	414 Ballydoole = Crosstown						Flat to rolling relief less than 250ft	Could go into Fine loamy or Clayey?			
712b	712i	Rootlagh	Fine loamy drift with siliceous & igneous stones (basalt)	Rootlagh	Glacial drift - volcanics with some limestone, shale and sandstone	Rootlagh = Gortacraeen var	75	Limerick	p64, 157	721 Wilcocks	ILy-Cy	ILy	CL	CL	Almost clayey in top; OC 5.4 so just humose	Limerick only									Too small to survive on its own		
712c	712h	Howardstown (Limerick var)	Clayey limestone drift	Howardstown	Glacial drift; limestone with mixture of shale, sandstone and volcanics	Howardstown	70	Limerick	p58,155	7.21 Roddlesworth 1st var	Cy	Cy	C	ZC	Text says CL to C; no mention of OC but profile humose	This classification applies to S Laois and maybe parts of Offaly (profile SWG)	7 25 Howardstown var	4 11 Elton					GWG in wetter hollows	Flat and undulating relief	Need careful review of which bits of Howardstown go into 7 25 and which into 7 12; includes small areas 59		

Rationalised Soil Legend for Limerick (Dec 2009)

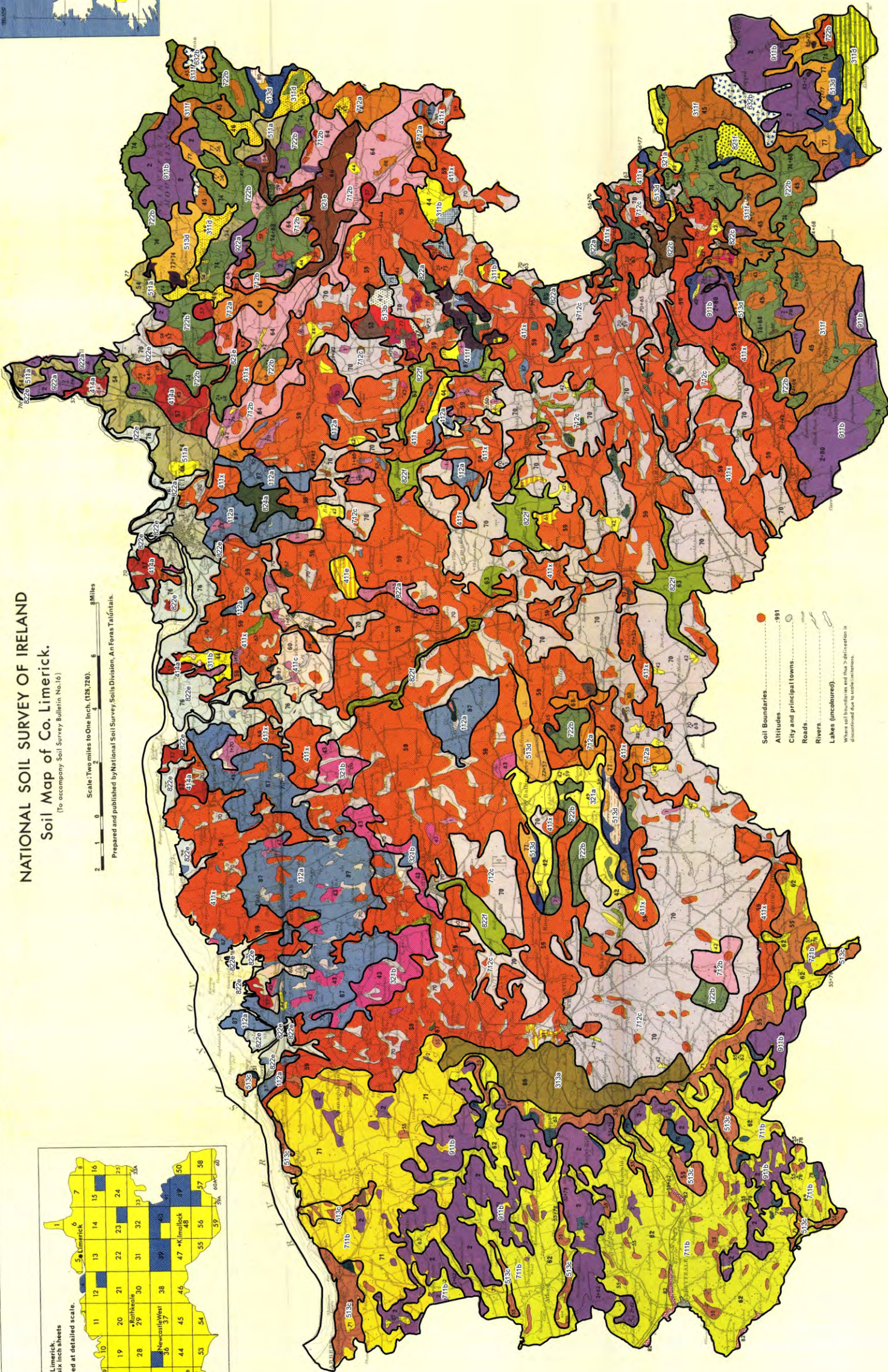
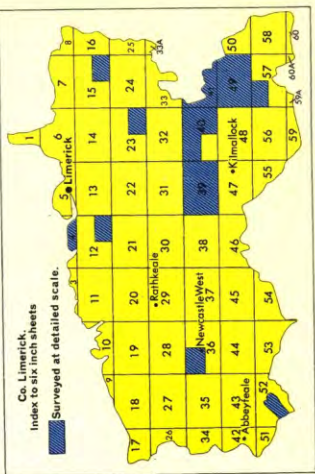
National Association	County Association	Association_Name	Substrate_Type	Irish Map unit	Irish PM type	Lead_series	County_Map_Key	Publication	Representative Profile	Avery_subgroup_cod	Avery_series	Text_Uppr	Text_Lwr	Text_class_Uppr	Text_class_lwr	Texture_comment	Where found	Ancillary1_cod	Ancillary1_name	Ancillary2_cod	Ancillary2_name	Ancillary3_cod	Ancillary3_name	Association_comment	Landscape	Misc notes	Rationalisation decisions
112a	1.12e	Rineanna	Loamy lithoskeletal limestone	Rineanna	Limestone bedrock	Rineanna	84	Tipperary	p72, 160	311 Wotton		ILy	Rk	CL	Rk		Adare to Foynes		321 Ballincurra					Associated with Ballincurra			Includes 43 (Covered by existing ancillary soils)
112a	1.12f	Rineanna 2	Loamy lithoskeletal limestone	Rineanna Complex	Limestone bedrock	Rineanna	87	Limerick	p87	311 Wotton		ILy	Rk	CL	Rk				321 Ballincurra	411 Elton				Elton on deep drift; Ballincurra on shallow drift			Could merge the two Rineanna units?
112c	1.12c	Knockeyon_1	Loamy lithoskeletal sandstone	Slievereagh	Sandstone bedrock	Slievereagh = Knockeyon	85	Limerick	p73, 161	311 Revidge	cLy	Rk	huSL	Rk		Tipperary, Clare, Limerick								Seeftin often included when rationalising linework	Summits of ORS	Seeftin and blanket peat found in association	
311b	311c	Kill_1	Fine loamy drift with siliceous stones (felsites and ash)	Derk	Glacial drift dominantly of volcanics with some limestone, shale and sandstone	Derk = Kill	44	Limerick	p36, 144	541 East Keswick	ILy	ILy	L	L	L	Shallower soils become CoLy with depth	Clare, Limerick	313 Carrigounnel						Not found in Meath, but viable in Limerick	Low hills with moderately steep slopes rising from undulating to rolling lowlands	Includes 50	
311a	311f	Clonroche	Fine loamy drift with siliceous stones	Ballynalacken	Shale till or colluvium	Ballynalacken = Clonroche	49	Limerick	p41, 147	541 East Keswick	ILy	cLy	L	SL	SL	Stony soil, dominantly CoLy; Humose	Tipperary, Clare (cLy Dg var), Limerick (ILy Dg - hum?)	313 Ashgrove	313 UN04_fly/SH					Probably in stony drift rather than bedrock?	Kame and kettle topography	Could be separated as a cly and humose unit but very restricted in extent	In Limerick, closely assoc with Ballylanders, similar PM but thinner?
311a	311j	Ashgrove	Fine loamy drift with siliceous stones (maybe cly)	Cloverfield	Till in area of Millstone Grit	Cloverfield = Ashgrove	47	Limerick	p40, 146	541 East Keswick (Wick maybe)	ILy	cLy	L	L	L	4.5%QC	Limerick only	513 Ballybrood = Rathkenny	712 Mountminnett = Gortaclareen					Dominantly fine loamy but could easily be included in cLy; 23, 19, 21 and 16% clay - Using 20% cutoff then cLy, but Avery	Undulating occasionally rolling	Associated with Ballybrood and in low areas Mountminnett	
311c	311k	Clashmore_1	Coarse loamy drift with siliceous stones	Killergus	Glacial bouldery drift of Upper Carboniferous shale-sandstone origin	Killergus = Clashmore	51	Limerick Clare	p43, 148 p12, 120	541 Wick	ILy	cLy	L	L	L	Similar to Cloverfield?	Clare, Limerick							Associated with Mountcollins and Kilnush	Undulating and rolling; Clare-rolling kame and kettle, drumlin and steeper hillsides	Too small to survive in Limerick (one map separate) - put with Mountcollins (for Podz)	Will survive in Clare Limerick (one map separate) (Dominantly cly) so Wick but hint of over gravel or even
311d	311l	Ballyvorheen	Sandy drift with siliceous stones	Ballyvorheen	Fluvio-glacial and outwash materials	Ballyvorheen	46	Limerick	p39, 145	551 Newport	cLy	Sy	SL	S	S		Tipperary, Limerick							In Tipperary only found within Cooga series		Related to Cooga series but keep separate for now	
311d	311m	Kilbheny	Sandy (cLy?) drift with siliceous stones	Kilbheny	Glacial drift of predominantly Old Red	Kilbheny = Ballyvorheen	48	Limerick	p41, 146	551 Newport - Wick	cLy	Sy	SL	S	S	Text says SL, but profile dominantly Sy	Limerick	612 Knockcommane Variant = Portlawn						One large block in south	Flat to undulating to rolling	Look out for this unit in Cork (north-east), Tipperary	
311f	311i	Ballylanders	Fine loamy over Silurian shale	Ballylanders	Silurian shale, colluvium, till	Ballylanders	45	Limerick	p37, 145	541 Denbigh CoLy var	cLy	cLy	L	SL	SL	Profile depths do not match analyses! Might be passing to?	Offaly (ILy); humose; often over Meath (ILy); not hu; over shale, Limerick	311 Clonroche	313 UN04_fly/SH					Largest areas (Clare) fly over rock; Limerick cly over rock maybe?		Chose either fly or cly and non-humose?	
313a	3.13d	Ashgrove	Fine loamy drift with siliceous stones	Ashgrove complex	Solifluction deposits predominantly of Silurian Shale composition (with some)	Ashgrove	86	Limerick	85, 166	541 East Keswick	ILy	ILy	L	L	L	Limerick only		811 Roskagh = Clonamoon	711 Abbeyfeale 712 Howardsown					Restricted to one valley with distinct glacial history	lowland valley	Keep intact, though likely to be a different kind of map unit to rest of Ireland	
313a	811	(Roskagh=Clonamoon) within Ashgrove	Coarse loamy riverine alluvium	Ashgrove	Lake and river alluvium	Roskagh = Clonamoon		Limerick	p86, 167	561 Alun	cLy	cLy	SL	SL-LS		Limerick								Found only within Ashgrove complex	Flat to undulating	Is this riverine alluvium or old drift above current river level? ie is it Alun or Wick?	Part of Ashgrove association which should survive
313b	313b	Carrigounnel	Coarse loamy over lithoskeletal basic crystalline rock	Carrigounnel	Felsitic ash having a high proportion of calcite	Carrigounnel	50	Limerick	p42, 147	541 Moons Hill hu var(CoLy Trusham)	cLy	Rk	OrgL	Rk		18% clay so borderline Trusham	Clare, Limerick	111 UN01_Ly/lithoSkBasic-IgnRk	112 Carrigvahanagh var (Basic-Ign)	3.11 Kill			May be dominated by Lithosols? Clare profile is Dunwell - but only found as small inclusions in Derk	Knolls within Derk	Incorporate within Derk but would be good if could survive with other crystalline soils?		
313b	313c	Wonderhill	Fine loamy over lithoskeletal basic crystalline rock	Wonderhill	Basaltic lava	Wonderhill	52	Limerick	p43, 148	541 Trusham hu var	ILy	Rk	OrgL	Rk		25 and 21% clay - similar to Carrigounnel	Limerick	111 UN01_Ly/lithoSkBasic-IgnRk	112 Carrigvahanagh var (Basic-Ign)	3.11 Kill				Undulating and rolling relief	Need to gauge national extent of basic crystalline rock to judge whether nationally viable		
321a	321a	Baggotstown 1	Coarse loamy drift over calcareous gravel	Baggotstown	Fluvioglacial Limestone	Baggotstown	42	Tipperary Limerick	p95, 34	5.11 Horseheath	cLy	cLy	gr SL-LS			cly over gravel at Limerick; CoLy at Offaly and Meath; fly at Tipperary	Offaly, Tipperary, Meath, Westmeath, Clare, Limerick	321 UN05_fly/CalcGr Offaly p35	311 Clashmore or Clonroche				Range of texture from cly (dominant?) to Fine loamy; also some profiles are not calc especially where gravel deep or non-existent	outwash fans, eskers, 16-19%; over sand and gravel; all 5.11 over calc gr; see Bul or correlated more widely			
321b	321e	Ballincurra 2	Fine loamy over limestone	Ballincurra	Shallow limestone till	Ballincurra	43	Tipperary	p96	541 Waltham	ILy	Rk	CL	Rk		Clare (fly-511); Limerick (cLy-343); Meath (fly-343); too small; Offaly (fly-343); Westmeath (fly-343 but description gives 541 and 343))		2.11 Burren	112 Rineanna				Undulating relief up to 200ft OD; associated with Burren series, usually in hollows	Includes 87			
321b	3.21g	Ballincurra 3	Fine loamy over limestone	Rineanna Complex	Limestone bedrock and drift	Ballincurra	43	Limerick	p35, 144	541 Waltham	ILy	Rk	CL	Rk		Should these be calc subgroup; in Eng 541?	Clare (fly-511); Limerick (cLy-343); Meath (fly-343); too small; Offaly (fly-343); Westmeath (fly-343 but description gives 541 and 343))	112 Rineanna	411 Elton				Good mixed unit;	should be possible to have small bits of pure Ballincurra and Rineanna separately shown			
411a	411b	Patrickswell_1	Fine loamy drift with limestones	Patrickswell	Limestone till, some sandstone and shale	Patrickswell	60	Limerick	p50, 152	571 Ludford 1st var	ILy	ILy	L	L		Locally CL; but some cly - Tipperary p104	Offaly, Tipperary, Laois, Meath, Westmeath, Clare, Limerick	411 Athy (cLy)					Separated from Elton by; shallower profile; coarser gravely C; conspicuous sec carbonate at transition to C	Undulating to rolling relief incl drumlins			
411e	411q	Mortarstown_1	Fine loamy over clayey drift with limestones	Rathcannon	Glacial drift predominantly of limestone composition	Rathcannon = Mortarstown	61	Limerick	p51, 152	571 Tickenham nonred var	Fly	Cy	CL	C		OC 4.3 for 5 inches	Limerick with Elton							Intimately mixed with Elton	Undulating and rolling relief	Because of limited extent incorporate with Elton	
411f	411p	Dunboyne	Fine loamy drift with siliceous stones	Ballynamona	Glacial drift composed mainly of volcanic material	Ballynamona = Dunboyne (fly DR SIL)	58	Limerick	p48, 151	571 Ludford	ILy	ILy	L	L		Very weak argillic	Limerick only							Not humose	Associated with Derk, Elton and Rootlagh		
411x	411d	Elton	Fine loamy drift with limestones	Elton	Limestone till	Elton	59	Limerick	p49, 151	571 Ludford calc? var	ILy	ILy	L	CL		fly; Lst has little effect on topsoil- pH 6.0. Sat at 40cm	Offaly, Tipperary, Laois, Meath, Westmeath, Clare, Kildare, Limerick, Mayo	411 Dungarvan, calc? var	712 Howardsown				Sean Diamond says no limestones above 1m depth, so probably best as drift with sil stones; Pavel - similar to Knockbeg and Ballinakill (Laois)	Undulating to flat at less than 500 feet	Need to identify distinction from Patrickswell; includes 70		



NATIONAL SOIL SURVEY OF IRELAND Soil Map of Co. Limerick.

(To accompany Soil Survey Bulletin No.16)

Scale: Two miles to one inch. (1:126,720).
Prepared and published by National Soil Survey Division, An Foras Talúnais.



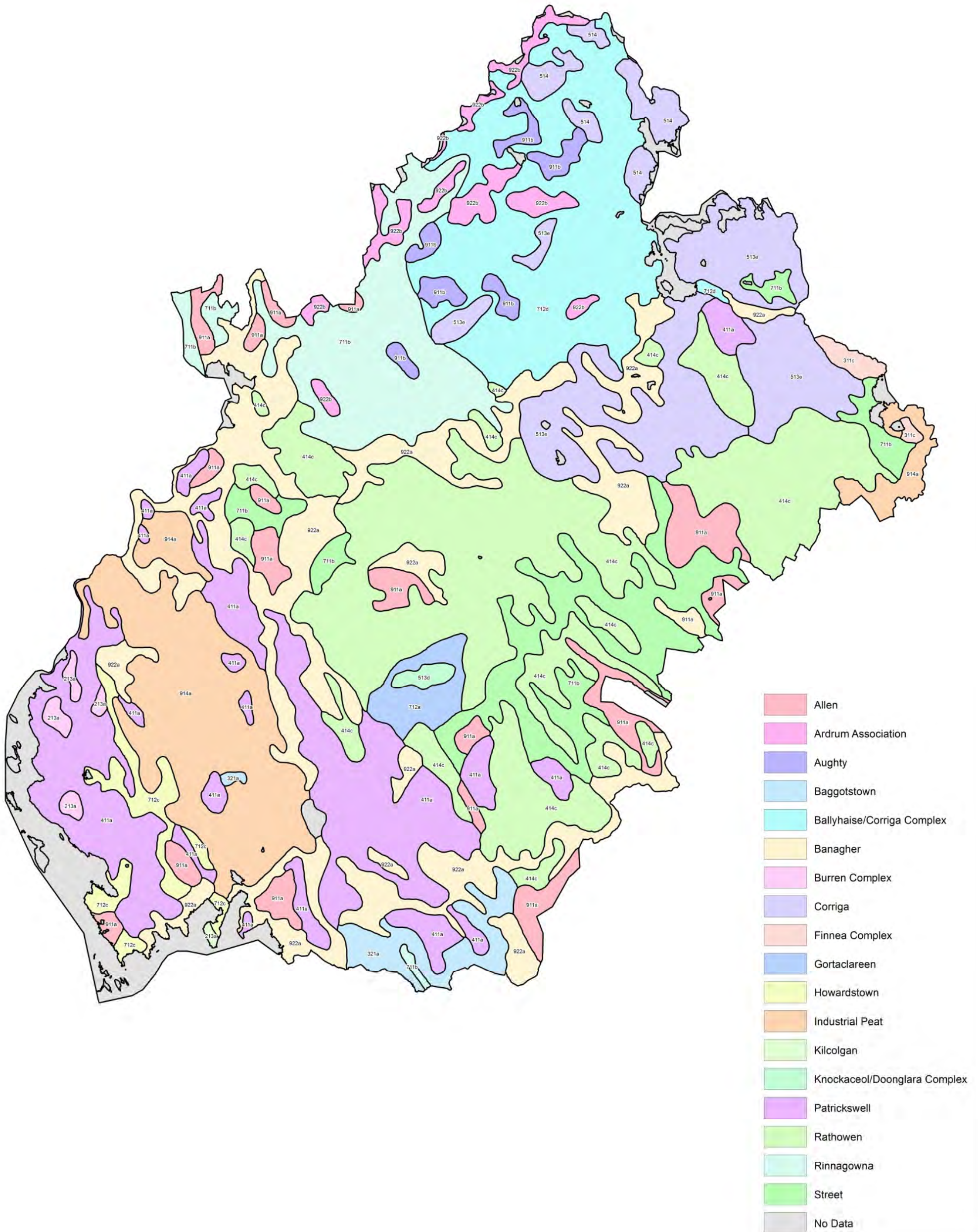
GREAT SOIL GROUPS		BROWN EARTHS				BROWN PODZOLICS				RECLAIMED PODZOL (BROWN PODZOLIC)				GREY-BROWN PODZOLICS			
SERIES		HIGH BASE STATUS		MEDIUM BASE STATUS		LOW BASE STATUS		Ballyvaughan		Coopea		Dungaree		Ballyvaughan		Ballyvaughan	
42	Reaghtown	43	Ballyvaughan	44	Dark	45	Ballyvaughan	46	Ballyvaughan	47	Coopea	48	Dungaree	49	Ballyvaughan	50	Ballyvaughan
SOILS DERIVED FROM PER CENT OF TOTAL AREA		0-107		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
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		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
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		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
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		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1-06		0-61		0-73		27-69	
		1-24		0-56		3-21		0-47		1							

Co. Longford

Rationalised Soil Legend for Longford 2011

Association_cod	Association_Name	Ireland Parent Material	Irish Map unit	ISIS Substrate Type	Lead_series	County_Map_Key	Publication	Soil description	Text_Uppr	Text_Lwr	Text_class_Uppr	Text_class_Lwr	Texture_comment	Where found	Ancillary1_cod	Ancillary1_name	Ancillary2_cod	Ancillary2_name	Ancillary3_cod	Ancillary3_name	Association_comment	Landscape	Rationalisation decisions
211b	Kilcolgan	Carboniferous limestone	Kilcolgan	Drift with limestones	Kilcolgan		Longford Reconnaissance Survey	Well drained, Rendzina															
213a	Burren	Carboniferous limestone, frequent rock outcrop	Burren complex	Drift with siliceous stones	Burren		Longford Reconnaissance Survey	Excessively drained; Rendzina/Brown Earth/Grey Brown Podzolic															
311c	Finnea	Lower Palaeozoic shale	Clashmore	Drift with siliceous stones			Longford Reconnaissance Survey	Brown Earth (mostly), some Podzols and Brown Podzolics also occur in complex; Kane and Kettle topography															
321a	Baggotstown	Glacioluvial Carboniferous limestone	Baggotstown	Coarse loamy over calcareous gravels	Baggotstown		Longford Reconnaissance Survey	Excessively drained; Brown Earth, high base status; usually less than 50 cm in depth															
411a	Patrickswell	Carboniferous limestone	Patrickswell	Loamy drift with limestones	Patrickswell		Longford Reconnaissance Survey	Well drained, Grey brown podzolic, pure limestone dominated soil															
414c	Rathowen	Carboniferous limestone with shale	Rathowen	Fine loamy drift with limestones	Rathowen		Longford Reconnaissance Survey	Moderately well drained, Grey Brown Podzolic															
513d	Knockaceol	Devonian - Old Red Sandstone Formation	Knockaceol-Droglara	Coarse loamy over sandstone bedrock	Knockaceol		Longford Reconnaissance Survey	Well drained, Podzols and Brown Podzolics															
513e	Knockboy	Lower Palaeozoic shale	Knockboy	Coarse loamy drift with siliceous stones	Knockboy		Longford Reconnaissance Survey	Well drained Brown Podzolic; occur on steep slopes and crests of drumlins; occasional areas of outcropping rock; Acid Brown Earths							514	Corriga	311						
514a	Corriga	Lower Palaeozoic shale	Corriga	Fine loamy drift with siliceous stones	Corriga		Longford Reconnaissance Survey	Well drained Brown Podzolic; occur on steep slopes and crests of drumlins; occasional areas of outcropping rock															
711b	Kilrush	Lower Palaeozoic shale	Rinnagownra = Kilrush	Fine loamy drift with siliceous stones	Kilrush		Longford Reconnaissance Survey	Gley, poorly drained, drumlin															
711b	Kilrush	Carboniferous limestone with shale	Street = Kilrush	Fine loamy drift with siliceous stones	Kilrush		Longford Reconnaissance Survey	Gley, poorly drained															
712a	Gortadareen_1	Devonian - Old Red Sandstone Formation	Gortadareen	Fine loamy drift with siliceous stones	Gortadareen		Longford Reconnaissance Survey	Gley, poorly drained															
712c	Howardstown	Carboniferous limestone	Howardstown	Clayey drift with limestones	Howardstown		Longford Reconnaissance Survey	Gley, poorly drained															
712d	Gortadareen_2	Lower Palaeozoic shale	Ballyhaise/Corriga Complex	Fine loamy drift with siliceous stones	Gortadareen		Longford Reconnaissance Survey	Gley with Brown Podzolic and Brown Earth; Gley (70%) - as described in soils of Co.Lettrim, drumlin							514	Corriga	711	Ballyhaise Lithic phase					
911a	Allen	Basin peat	Allen	Peat	Allen		Longford Reconnaissance Survey	Histosol, Raised Peat, very poorly drained															
911b	Aughy	Blanket peat	Aughy	Peat	Aughy		Longford Reconnaissance Survey	Histosol, Blanket Peat, very poorly drained															
914a	Clonsast	Basin peat	Industrial peat	Peat	Clonsast		Longford Reconnaissance Survey	Gley, poorly drained															
922a	Banagher_1	Earthy lowland Fen peat	Banagher	Fen Peat	Banagher		Longford Reconnaissance Survey																
922b	Banagher_2	Earthy lowland Fen peat	Ardrum Association	Fen Peat	Banagher		Longford Reconnaissance Survey	Inter-drumlin Gley and Basin Peat, very poorly drained complex															

Longford



Co. Meath

Rationalised Soil Legend for Counties Meath and Westmeath May 2010

National_Association	County_Association	Association_Name	Substrate_type	Irish Map No	Publication	Representative Profile	Avery_subgroup_cod	Avery_series	Ancillary1_code	Ancillary1_name	Ancillary2_code	Ancillary2_name	Ancillary3_code	Ancillary3_name	Ancillary4_code	Ancillary4_name	MINORS_code	MINORS_name	Comment	notes
724a	724A	Ballyshear	Fine loamy drift with limestones	201	Meath Westmeath	p121 p80			724	Ballintemple	723	Mylerstown								
821c		Feale	Fine loamy river alluvium	82	Westmeath	p130-1 p153	811	Enborne	821	Boyne		821	Vicarstown	922	Banagher					
821e	8 21d	Boyne	Silty river alluvium	223	Meath	p132-5 p154-5	811	Conway	822	unnamed (cLy river alluvium)		811	Clohamon	311	UNnamed (fLy/non-calc gravel)				Boyne alluvium complex need to find soils/soil names for 822 ans 311 components;	
822f	8 22a	Camoge	Clayey river alluvium	63	Meath Weatmeath	p127 p86	851	Dosthill non red var	822	Coolfin		822	unnamed (Coarse loamy over calc gravel)	813	Miltownpass				851 ancillary soils need completing	also Polloagh soils in Laois p192 wmeath profile p79 Miltownpass
824a		Drombanny	Carbonatic-loamy lake marl	67	Westmeath	p88	373	Brimpton var	823	Dunsany (Meath p129,152)		212	Carney							
911a		Allen	Peat	900	Meath Weatmeath	p139 p90-1	1011	Longmoss	913	Turbary		922	Banagher	822	Camoge	813	Miltownpass		Raw peat- raised bog in lowland (oligotrophic)	
913a		Turbary	Peat	914						911	Allen		913	Gortnamona	912	Garynamona		Raw peat cut over (upland)		
922a		Banagher	Peat	905	Meath Weatmeath	p140 p80	1023	Blackland	913	Turbary		911	Allen						Earthy eutrophic lowland Fen peat	
914a		Clonsast	Peat	907															industrial peat - milled and machined	
			Representative Profiles: page numbers refer to two publications:																	
								Meath - Finch, T.F., Gardiner, M.J., Comey, A. & Radford, T. (1983). Soils of Co. Meath. Soil Survey Bulletin No.37, 162pp, Dublin												
								Westmeath - Finch, T.F., Gardiner, M.J. (1977). Soils of Co. Westmeath. Soil Survey Bulletin No.37, 100pp, Dublin												

Rationalised Soil Legend for Counties Meath and Westmeath May 2010

National_Association	County_Association	Association_Name	Substrate_Type	Irish Map No	Publication	Representative Profile	Avery_subgroup_cod	Avery_series	Ancillary1_code	Ancillary1_name	Ancillary2_code	Ancillary2_name	Ancillary3_code	Ancillary3_name	Ancillary4_code	Ancillary4_name	MINORS_code	MINORS_name	Comment	notes
112c	112a	Knockeyon_1	Loamy lithoskeletal sandstone	204	Meath	p96-7	311	Revidge	632	Forth Commons								includes Slieveagh		
213a	211b	Burren	Fine loamy over limestone bedrock	140	Meath Leitrim	p103,148 p70	341	Marian?		Rock	112	Rineama	321	Ballincurra (Meath p100,147; Westmeath p74)				Include rocky phase with up to 25% bare rock; Co Clare has rocky phases; no Ballincurra at Leitrim	change to 213 as humose	
311b	311c	Kill_1	fine loamy drift with igneous & metamorphic stones	44sy	Meath	p101-2 p147	541	East Keswick	311	Kill lithic phase	313	Carrigogunnel						Derk shaley phase; Co Clare- Derk in felsite drift	Includes Derk shaley phase; Derk rationalised to Kill	
311c	311G	Clashmore_1	Coarse loamy drift with siliceous stones	216			541	Wick	312	Broadway	722	Puckane						rationalised with other Wick associations Old Ross, Knocknaskheha 1 and 2 and Kilfergus includes gleyc BE (Broadway) and 722 Puckane	A poor match - area of coarse outwash mixed with peaty soils, may have to re-assign - JAH: Finnea BE = Clashmore, Finnea BPodzolc= Cooga	
311e	311b	Kells	Coarse loamy drift over hard shale	217	Meath	p102,148	541	Denbigh cly var	513	Rathkenny								Gley soils in valleys? maybe Street a minor component (small areas lumped during rationalisation). Also Ew on drumlins	also includes Keeloge in carlow	
411a	311q	Ladestown	Fine loamy drift over calcareous gravel	199 & 211	Meath Westmeath	p103 p75	541		414	Rathowen	922	Banagher						Unit-> 411a, identified as a separate association only in Meath & Westmeath		
321a	321a	Baggotstown	coarse drift over calcareous gravel	42	Meath Westmeath Tipperary	p98,147 p73 p95	5.11	Horseheath	3 21	UN05, fLy/calcGR	213	Crush						Badsey is Fly var of Baggotstown- modal profile = Tipp p95 - needs a name. This unit covers Baggotstown and Baggotstown-Crush units	Found on esker and moraine features. Crush found on the kame crests, Baggotstown elsewhere also includes some Patrickswell	
411a	411b	Patrickswell_1	loamy drift with limestones	60	Meath Westmeath	p111,150 p67,68	571	Ludford and Horseheath	321	Baggotstown (Meath)	311	Ladestown	411	Elton				Incorporate bouldery phase (Tipperary)?	well drained patrickswell unit; redefined texture as loamy; horseheath anc1 now in lead series	
411c	411b	Patrickswell_3	loamy drift with limestones	60	Meath	p112,150	571	Ludford and Horseheath	723	Mylerstown	411	Patrickswell lithic phase	922	Banagher				wetter Patrickswell unit Mylerstown changed from 711 to 723	Undulating 60-120m. 2deg slopes	
411f	411h	Dunboyne	Fly drift with siliceous stones	218, 218sy	Meath	p104,105, 148;p106- 8 p148- 9	571	Ludford	711	Kilrush	414	Rathowen	311	Ladestown				Map says limestone till; text says Irish sea till (calc) intermixed with local limestone tills; Quat map says Shale enriched compact till of Irish Sea provenance; to match adjacent counties unit now described as 'drift with limestones' -> Patrickswell	411i-m -> 411f; 411n Clooncarine -> 411f; 411p Ballynamona -> 411f; 411e Graceswood->411f	
411x		Elton_1	Fine loamy drift with limestones	59	Meath Westmeath	p109,149 p65	571	Ludford and Horseheath												
414b		Rathowen1	Fine loamy drift with limestones	200	Meath	p113-15 p150-1	572	Bishampton 1st var	311	Ladestown	711	Kilrush						includes RCP 414a, c and d		
414d		Fethard	fine loamy drift with siliceous stones	200c			572	Bishampton	721	Ballinruan	414	Rathowen						Ballinruan now rationalised to Kilperce	This now includes Rathowen cherty phase	
513b	513a	Rathkenny	Fly drift with siliceous stones	219	Meath	p116-17 p151	612	Meline (hu var)	311	Kells	511	unnamed cly/sst						merge 5.13a and b	includes RCP 513b	
711b		Kilrush	Fly drift with siliceous stones	220			713	Brickfield	712	Gortaclareen	922	Banagher	311	Ladestown				see notes for soils now classified as Kilrush.	This unit now used for Ashbourne (shaley phase) on Meath and Westmeath. Ashbourne has gone into drift with limestones ie Straffan.	
711d		Straffan	Fly drift with limestones	220sy			711	Holderness	723	Mylerstown	411	Elton						no profile descriptions. Straffan 65% (+10%), 10% Mylerstown, Elton 10%	This now includes Ashbourne	
712c		Howardstown_1	Clayey limestone drift	70	Meath	p122-153	7 12	Roddlesworth 1st var	724	Ballyshear	411	Patrickswell						includes all howardstown (inc 712 beta) and Sawyerstown (Kildare)		
723a		Mylerstown	loamy drift with limestones	129	Westmeath	p83	831	Quordon 1st var/Wigton Moor 1st var	911	Allen	411	Patrickswell						Niipp Wmeath Meath are ZL/ZCL adjacent to cutover peat	see notes for rationalised soils	

Soil Map of Co. Meath

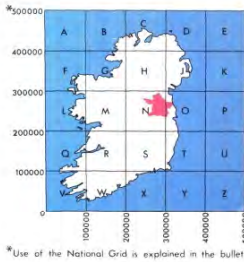
(To accompany Soil Survey Bulletin No. 37)

Scale 1:126,720

0 2 4 6 8 10 12 Kilometres

400
Hectares

N O



Soil Boundaries.....
Roads.....
Rivers.....
Towns.....
Major Lakes.....
Altitudes..... 415

Soil surveyed by T.F. Finch, A. Carey, T. Radford,
Cartography: O. Shubert,
Head of National Soil Survey, M. J. Gardiner.

Great Soil Group	Regosol	Lithosol	Brown Earth					Rendzina	Grey Brown Podzolic								Brown Podzolic		Podzol	
Soil Series	146	204	42	43	44sy	217	199	140	218	218gv	218sy	59	90	60	60L	200	200c	219	219sp	222
	Seafield	Knockeyon	Bagginstown	Ballincorra	Dark Shale Phase	Kells	Ladestown	Burren	Dunboyne	Dunboyne Gravelly Phase	Dunboyne Shale Phase	Elton	Martinstown	Patrickswell	Patrickswell Lithic Phase	Rathowen	Rathowen Cherty Phase	Rathkenny	Rathkenny Moderately Steep Phase	Sievebog
Parent Material	Stabilised Sand	Chert Bedrock	Fluvio-glacial Limestone	Limestone Till over Limestone Bedrock	Glacial drift dominantly volcanic; Limestone, Shale and Sandstone	Drift from Lower Palaeozoic Shale	Fluvio-glacial Shale, Chert and Limestone	Limestone Bedrock	Limestone and shale drift and rock sea drift	Limestone and shale drift and rock sea drift	Limestone and shale	Limestone Till	Limestone Till	Limestone Till	Limestone Till	Shale and Limestone Till	Shale Limestone and Chert Till	Glacial drift of Limestone Bedrock	Glacial drift of Lower Palaeozoic Shale	Lower Palaeozoic Shale
% Total Land Area	0.46	1.29	0.73	0.07	0.99	11.814	4.92	0.85	10.285	1.11	3.347	6.17	1.51	7.124	0.84	13.904	0.37	3.54	2.72	0.17
Hectares	107	300	169	17	231	27,544	1,147	198	23,959	259	7,803	14,38	352	16,594	195	32,405	86	825	635	40
Urban= 317%																				

Urban= 317%

Great Soil Group	Gley									
Soil Series	220	220sy	201	63	67	221	82	70	129	202
Parent Material	Ashbourne	Ashbourne Shale Phase	Ballyshear	Camoge	Drombanny	Dunsany	Feale	Howardstown	Mylerstown	Street
% Total Land Area	17.340	1.22	0.39	1.152	1.40	0.98	6.41	2.32	1.79	8.720
Hectares	40,402	285	93	2,686	327	229	1,494	543	418	20,312

Soil Series	Peats				Peat Complexes	
	Raised Bog	Raised Bog (cutover-reclaimed)	Fen Peat	Fen Peat Improved	Industrial Snd Peat	Cutover Raised Bog
900	Allen	Gortnamona	Pollardstown	Banagher	907	914
% Total Land Area	0.06	1.635	0.25	1.488	1.02	6.12
Hectares	1,877	3,812	59	3,471	238	1,427

Complexes												
 205	 208	 209	 211	 212	 223	 224	 224sy	 225	 226	 227	 228	 229
Patrickswell-Ladestown	Patrickswell-Begginstown-Elton	Begginstown-Crush	Ladestown-Rathowen-Banagher	Rathowen-Ladestown	Alluvial (Boyne Alluvium)	Dunboyne-Ashbourne	Dunboyne-Ashbourne Shale Phase	Dunboyne-Ladestown	Rathowen-Street	Street-Ladestown-Banagher	Glane	Patrickswell-Howardstown
4.49	4.262	1.41	3.756	1.507	4.438	1.564	0.88	0.78	2.52	2.95	1.01	3.39
1,043	9,929	328	8,757	3,518	10,346	3,644	205	183	588	687	235	790

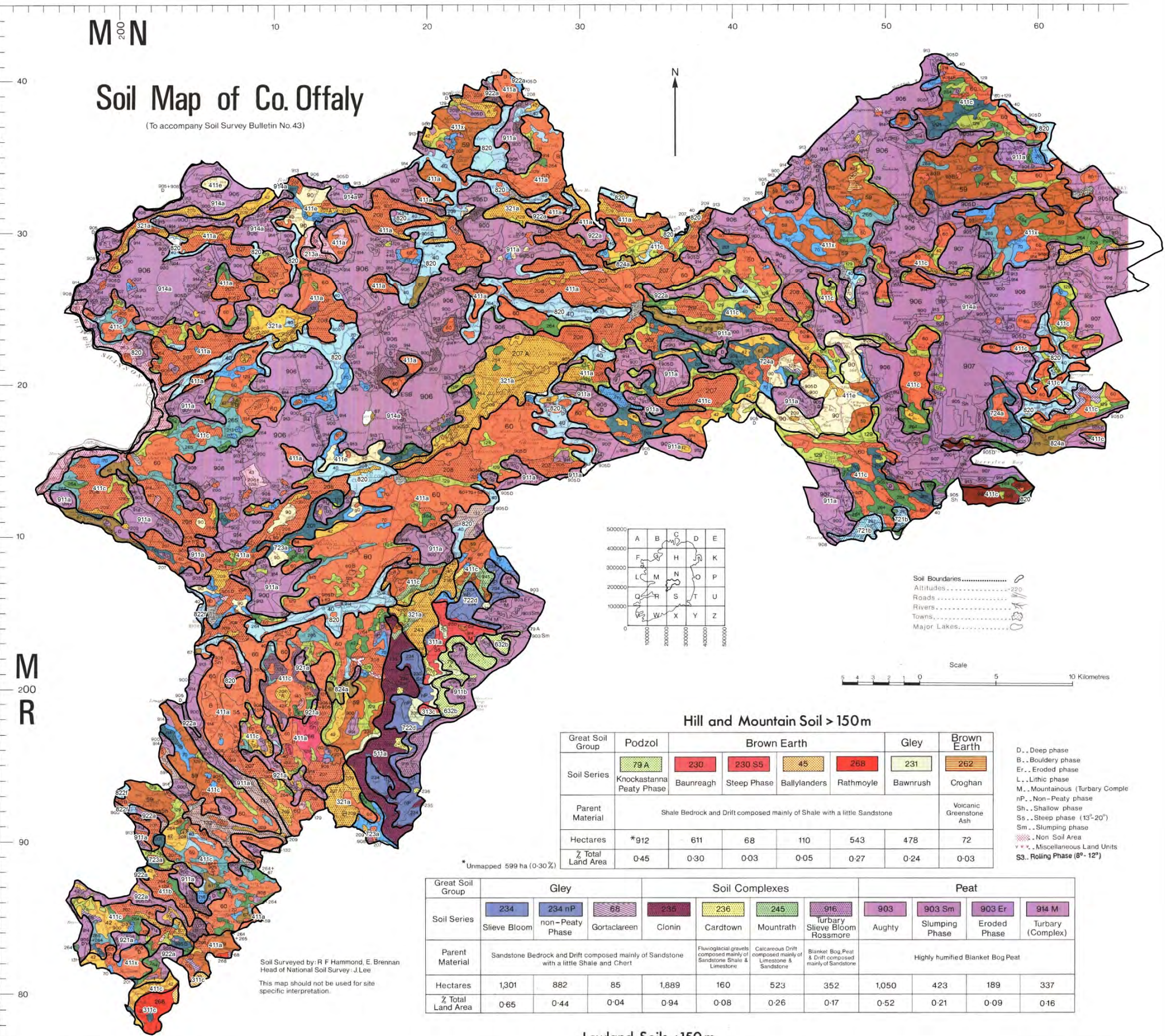
Co. Offaly

ISIS Subgp. cod	National Association	Substrate type	Lead series	County_Map_Key	Publication	Representative Profile	Avery_subgroup_cod	Avery_series	Text_Uppr	Text_Lwr	Text_class_Uppr	Text_class_lwr	Texture_comment	Where found	Ancillary1_cod	Ancillary1_name	Ancillary2_cod	Ancillary2_name	Ancillary3_cod	Ancillary3_name	Ancillary4_cod	Ancillary4_name	Ancillary5_cod	Ancillary5_name	Association_comment	
213 213a	Burren	over limestone rock	Burren	140	Offaly	p31-2	341	Marian	ILy	ILy	CL	CL		Offaly, Laois		Rock										
311 311a	Clonroche	Drift with siliceous stones	Clonroche	230	Offaly	p.101-2			ILy	ILy	L-CL	L		Offaly	722	Sievebloom	711	Bawnrush								
312 311c	Clashmore	Drift with siliceous stones	Clashmore	268	Offaly	p.105-6			cLy	cLy				Offaly	312	Broadway									Rathmoyle (?stagnic?), cLy over shale bedrock; Rathmoyle =Broadway	
321 321a	Baggotstown	Drift over calcareous gravel	Baggotstown	42; 207A; 209; 243	Offaly	p.35-6, 38	5.41		cLy	cLy	L	L	texture data for Baggotstown Series 210371 incurred	Offaly, Laois, Tipperary	321	Unnamed ILy over Calc gravels	213	Crush	411	Patrickswell/Elton					6 units containing Baggotstown are complexes:207; 207A, 208, 209, 243, 213	
411 411a	Patrickswell 1	Drift with limestones	Patrickswell	60; 207; 208	Offaly	p.45-6, 47			Ly	Ly	c-ILy			Offaly, Laois,	321	Baggotstown	411	Elton	723	Myerstown	724	Ballintemple			Contains some Howardsown (70) which is not clayey in the subsoil and is now correlated with Straffan (711, ILy drift with limestone). Knock(266) = Patrickswell	
411 411c	Patrickswell 3	Drift with limestones	Patrickswell	60; 207; 208	Offaly	p.45-6, 47, 48	5.71		Ly	Ly	c-ILy			Offaly, Laois	723	Myerstown	724	Ballintemple			724	Ballyshear	824	Drombanny	Includes Clonlick= Myerstown	
411 411e	Mortarstown	Drift with limestones	Mortarstown	90	Offaly	p49-50	5.71		ILy	ILy	L	CL		Offaly, Laois	411	Elton	723	Myerstown	411	Patrickswell	321	Baggotstown			Only two polygons;	
411 411x	Elton 1	Drift with limestones	Elton	59	Offaly	p41-44			ILy	ILy	L	CL		Offaly, Laois											Include with Fontstown NatMap Unit 411c; includes 313 Coodan (262)	
511 511a	Cooga	Drift with siliceous stones; locally over gravel	Cooga	235	Offaly	p144-5	611		cLy	cLy	SL	SL	cLy just!	Offaly, Laois	513	Cardtown	632	Mountrath complex							Clonin (235) a complex rationalised to 511 Cooga; contains Cardtown (236), Mountrath (245); Mountrath complex (245). Rationalised to Killinua (632a)	
632 632b	Knockastanna	Loamy over shale bedrock	Knockastanna	79A	Offaly	p107-108	651	Hiraethog	cLy	cLy	L	SL, LS	nodal profile (p107-9) 30cm peat topsoil, iron pan at 40cm	Offaly, Laois	911	Aughty	712	Gortacareen							cf Knockastanna in Laois (laure cote Sieve Bloom Mins)	
721b	Knockroe	Drift with siliceous stones	Knockroe	267	Offaly	p81-85			cLy	cLy	L	SL	1 modal ILy/cLy; 2 cLy	Offaly											Garryinch complex - 3 modals= 1Knockroe, 1 Myerstown, 1 Ballintemple	
722 722d	Sieve Bloom	Drift with siliceous stones	Sieve Bloom	234	Offaly	no profile	721	Kielder	cLy	cLy	LS, SL	L, SL	humose surface horizon 10cm thick;	Offaly, Laois	722	Sieve Bloom Peaty Phase	632	Knockastanna	72?	Bawnrush	911	Aughty	511	Cooga	Bawnrush (231) needs rationalising; no modal profile in Offaly Bulletin	
723 723a	Myerstown	Drift with limestones	Myerstown	129	Offaly	p62-64	721		Ly	Ly	L	SL	Loam ->30cm, SL -> 54	Offaly, Laois	724	Ballintemple	411	Patrickswell	921	Pollardstown					one polygon extending from Laois	
724 724a	Ballyshear	Drift with limestones	Ballyshear		Offaly	p64-66			cLy	cLy	SL-L	SL	cLy variant of Ballyshear	Offaly, Laois												
820 Alluvium		river alluvium	Callow	263	Offaly	p.81			?	?	?	?		Offaly,	723	Myerstown	724	Ballintemple							Callow complex dev in complex of peat & alluvium	
821 821e	Boyne	River alluvium	Boyne	40	Offaly	p73-75			Zy	Zy	ZL	ZL	Peat at 98cm	Offaly, Laois	811	Clohamon									2 profiles, one Boyne (821), 2nd Drombanny (824); alluvium poorly documented	
822 822f	Coolfin	River alluvium	Coolfin	40	Offaly	p73-77								Offaly, Laois	821	Boyne	811	Unnamed							Kilbary from Waterford; alluvium poorly documented	
824 824a	Drombanny	Lake Marl	Drombanny	67	Offaly	p70-1, 76-77			PL	PL			Peaty loam (PL) over lake marl Zi-ZCL texture	Offaly, Laois	823	Dunsany (?)										
911 911a	Allen	Peat (Raised Bog)	Allen	900	Offaly	p86-87	1011	Longmoss	IPt	IPt			Poorly humified upper horizons, poorly decomposed deeper layers	Offaly, Laois, Clare, Meath, Tipperary, Westmeath	922	Banagher (905D)	913	Turbary (914, 914M)	913	Gornamona (913)	921	Pollardstown		Ombrotrophic peat of cyperaceous origin; pH 3.5 ->3.8		
911 911b	Aughty	Peat (Blanket peat)	Aughty	903	Offaly	p125-6			sIPt	sIPt			well humified upper horizon over semi-fibrous peat to 150cm	Offaly, Laois, Clare, Meath, Tipperary, Westmeath	911	Aughty Slumping phase (903Sm)	911	Aughty Eroded phase (903Er)	913	Turbary (914M)				Ombrotrophic peat of cyperaceous origin; pH 3.5 ->3.8		
914 914a	Clonsast	Peat (Industrial milled & machined)	Clonsast	914	Offaly	p97	10??		IPt	IPt			upper horizons removed, poorly decomposed deeper layers	Offaly, Laois, Clare, Meath, Tipperary, Westmeath	913	Turbary (914M)	914	Industrial Milled (906) & Machined (907) peat	922	Banagher (905D)	911	Allen	913	Gornamona	Ombrotrophic peat of cyperaceous origin; pH 3.7 -> 4.0;	
921 921a	Pollardstown	Peat (Fen)	Pollardstown	908	Offaly	p95-6			hPt	sIPt			well humified amorphous peat, layers of shell marl & Gyttja interspersed with amorphous peat to 150cm	Offaly, Laois, Clare, Meath, Tipperary, Westmeath	922	Banagher (905D)	913	Turbary (914)	911	Allen				Minerotrophic peat , eutrophic pH>4.0		
922 922a	Banagher	Peat (Fen)	Banagher	905D	Offaly	p93-95	10??		hPt	hPt			Well humified (amorphous) peat	Offaly, Laois, Clare, Meath, Tipperary, Westmeath	913	Turbary (914)	911	Allen (900)							Minerotrophic peat , eutrophic pH>4.0	
																										Representative profiles: page numbers refer to Hammond, R.F. & Brennan, L.E. (2003). Soil of Co. Offaly. Soil Survey Bulletin No.43, 205pp, Dublin.

M 200 N

Soil Map of Co. Offaly

(To accompany Soil Survey Bulletin No. 43)



Hill and Mountain Soil > 150m

Great Soil Group	Podzol	Brown Earth				Gley	Brown Earth
Soil Series	79 A	230	230 S5	45	268	231	262
Parent Material	Shale Bedrock and Drift composed mainly of Shale with a little Sandstone						Volcanic Greenstone Ash
Hectares	*912	611	68	110	543	478	72
% Total Land Area	0.45	0.30	0.03	0.05	0.27	0.24	0.03

D... Deep phase
B... Boulder phase
Er... Eroded phase
L... Lithic phase
M... Mountainous (Turbary Complex)
nP... Non-Peaty phase
Sh... Shallow phase
Ss... Steep phase (13°-20°)
Sm... Slumping phase
Non Soil Area
Miscellaneous Land Units
S3... Rolling Phase (8°-12°)

Great Soil Group	Gley			Soil Complexes				Peat			
Soil Series	234	234 nP	65	235	236	245	916	903	903 Sm	903 Er	914 M
Parent Material	Sandstone Bedrock and Drift composed mainly of Sandstone with a little Shale and Chert			Clonin	Cardtown	Mountrath	Turbary Sieve Bloom Rossmore	Highly humified Blanket Bog Peat			
Hectares	1,301	882	85	1,889	160	523	352	1,050	423	189	337
% Total Land Area	0.65	0.44	0.04	0.94	0.08	0.26	0.17	0.52	0.21	0.09	0.16

Lowland Soils < 150m

Great Soil Group	Rendzina	Brown Earth		Grey Brown Podzolic						Podzol-Grey Brown Podzolic	Gley							Regosol
Soil Series	140	42	43	59	60	60 B	60 L	90	266	240	70	128	129	201	264	265	67	40
Parent Material	Limestone Bedrock	Calcareous Drift composed mainly of Limestone with some Sandstone and Shale									Calcareous Fluvio-glacial Sands	Calcareous Drift composed mainly of Limestone with some Sandstone and Shale						
Hectares	274	4,061	461	10,082	29,520	707	447	3,126	397	566	3,720	278	8,405	4,350	4,304	3,172	2,161	10,692
% Total Land Area	0.13	2.00	0.23	5.06	15.05	0.35	0.22	1.57	0.19	0.28	1.86	0.13	4.22	2.18	2.16	1.59	1.08	5.37

	Soil Complexes												Peat						Peat Comple	
Soil Series	207 Patrickswell Baggotstown	207 A Baggotstown Patrickswell	208 Patrickswell Baggotstown Elton	209 Baggotstown Crush	243 Baggotstown Carlow	213 Howardstown Baggotstown	214 Ballyshear Patrickswell	215 Howardstown Patrickswell	131 Allenwood	132 Finnery River	263 Callow	267 Garryhinch	900 Allen	915 Garrymona	913 Gortnamona	905 D Banagher Deep Phase	905 Sh Shallow Phase	908 Pollardstown	906 INDUSTRIAL PEAT Milled Peat	907 Machine Pe
Parent Material	Calcareous Drift of varied physical composition derived from predominantly Carboniferous Limestone								Fen Peats, Calcareous Drift and Alluvium				Raised Bog Peats of variable humification composed predominantly of <u>Sphagnum</u> Mosses			Humified Fen Peats composed of variable amounts of Sedges, Mosses, Reed and Wood remains			Raised Bog and Fr	
Hectares	10,903	3,282	9,147	3,732	1,014	258	67	193	1,847	1,161	961	448	8,257	233	3,625	15,164	1,670	1,639	21,217	5,586
% Total Land Area	5.47	1.64	4.59	1.87	0.50	0.12	0.03	0.09	0.92	0.58	0.48	0.22	4.14	0.11	1.82	7.81	0.83	0.82	10.86	2.80

Unmapped Areas 599 ha 0.3%

R 200 S

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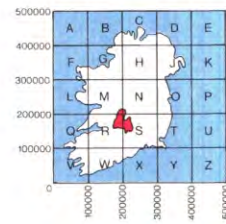
Co. Tipperary North

County Association	Association Name	Substrate type	Irish Map unit	Irish PM type	Lead series	County Map Key	Publication	Representative Profile	Avery_series	Avery_subgroup_cod	Avery_series	Text Uppr	Text Lwr	Text class Uppr	Text class Lwr	Texture comment	Where found	Ancillary1_cod	Ancillary1_name	Ancillary2_cod	Ancillary2_name	Ancillary3_cod	Ancillary3_name	Association comment	Landscape	Misc notes	Rationalisation decisions	
721a	725c Howardsdown	Fine loamy drift with limestones	Howardsdown-Patrickswell	Irish PM type	Howardsdown-Carboniferous	213 Offaly	p69 Offaly		873 Unnamed		873 Unnamed	tl	tl	tl	tl	Offaly profile is dom d.ly, barely humose	Offaly	411 Patrickswell	Alumium (820)	Peat			Only 800ha so maybe best with Howardsdown 1 low lying topography					
721a	725e Howardsdown	Fine loamy drift with limestones	Howardsdown-Baginbown		Howardsdown-Carboniferous	213 Westmeath	p81 Westmeath		873 Unnamed		873 Unnamed	tl	tl	tl	tl		Offaly, Tipperary	321 Baginbown					Complex reflects a mix of heavier and lighter glacial till components and slope factor. Baginbown on howglacial	Kame and kettle				
722b	Puckane_1	Coarse loamy (loamy) drift with siliceous stones	Puckane		Silt/shale till	74 Tipperary, Clare	p127 Tipperary, Clare		721 Wilcocks		721 Wilcocks	cl	cl	sl	sl		Tipperary, Clare and Limerick	712 Drinimidy	721 Knockroe				Widespread in Limerick, but peaty top phase is d.ly, but not of SWG	Gentle slopes	Associated with Gortackreen but can be merged with Derygarran?			
722b	Puckane_1	Coarse loamy (loamy) drift with siliceous stones	Puckane Peaty Phase		Silt/shale till	74P Tipperary, Clare	p128 Tipperary, Clare		721 Wilcocks		721 Wilcocks	cl	cl	sl	sl		Tipperary, Clare and Limerick	712 Drinimidy	721 Knockroe				Include in main Puckane unit					
722b	Puckane_1	Coarse loamy (loamy) drift with siliceous stones	Puckane-Gortackreen		Silt/shale till	259 Tipperary, Clare	p127 Tipperary, Clare		721 Wilcocks		721 Wilcocks	cl	cl	sl	sl			712 Gortackreen	712 Drinimidy	721 Knockroe						Review location and ease of including in either Puckane or Gortackreen units		
722c	Puckane_2	Coarse loamy (loamy) drift with siliceous stones	Puckane-Silvereagh		Silt/shale till	150 Tipperary, Clare	p127 Tipperary, Clare		721 Wilcocks		721 Wilcocks	cl	cl	sl	sl		ORS moraine over limestone; kame and kettle country	112 Silvereagh = Knockeyon	513 Doonglara = Knockboy				Extensive, 2,200 ha					
722c	Puckane_2	Coarse loamy drift with siliceous stones	Derygarran = Puckane		Sandstone fluvioglacial drift	250 Tipperary	p 119		871 Fordham		871 Fordham	cl	rk	sl	rk	Over rock not main element;	Tipperary						none given	Merge with Puckane?				
722b	Puckane_1	Fine loamy drift with siliceous stones	Gortackreen		Sandstone-shale till	68 Tipperary	p122		871 Feni		871 Feni	tl	tl	sl	l		Offaly, Tipperary, Clare, Limerick, Mayo West						Offaly (p115) 88ha Tourmakeady, Tipperary (p122) 4750ha Tourmakeady;					
723a	Myerstown	Coarse loamy drift with limestones	Myerstown		Limestone till with some shale	129 Laois Offaly	p159 Laois Offaly		832 Quomdon list var		832 Quomdon list var	cl	cl	l	sl	L to CL in text but prof is Cy in Meath	Offaly, Tipperary, Laois, Meath, Westmeath, Kildare	723 UN45, tly DR-LIM (Meath p123)					Low position in gently undulating landscape			Uncertainty whether huncs or nodds: Kipatrick by lack of argillc horizon (Offaly) but appears to be argillc elsewhere! Notting indicates ong history of fluctuating water tables but since raised bogs an argillc calc bwg decreased for till there has been local drainage		
724a	725d Ballyshear	Coarse loamy drift with limestones	Ballyshear		Limestone till	201 Offaly	p85-6 Offaly		872 Fordham list var		872 Fordham list var	cl	cl	l	sl	19K clay to 20cm; 4.0 OC se borderline	Offaly, Tipperary, Laois, Meath, Westmeath	712 Cuggin (list var)	722 Sleeve Bloom (list var)					See Soil profiles_master_RCP_July09.xls				
724a	Ballyshear	Coarse loamy drift with limestones	Ballyshear-Patrickswell		Limestone till	214 Offaly	p85-6 Offaly		872 Fordham list var		872 Fordham list var	cl	cl	l	sl	19K clay to 20cm; 4.0 OC se borderline	Offaly, Tipperary, Westmeath	411 Patrickswell	712 Cuggin (list var)	722 Sleeve Bloom (list var)					See Soil profiles_master_RCP_July09.xls			
813a	311e Milowpass	Sandy stoneless drift	Milowpass		Limestone river alluvium	203 Tipperary	p821 93 Tipperary		551 Wildford		551 Wildford	sy	ls	ls	ls	Westmeath- tly to 25cm, d.ly below; humose	Tipperary, Westmeath	561 Alun					Alun put in to account for Westmeath. Associated with Canogoe series	River floodplain				
821b	Viscousdown (Feale is ancillary_1)	Fine loamy river alluvium	Feale		Shale river alluvium	82 Tipperary	p86 121 Tipperary		811 Enborne		811 Enborne	tl	zy	cl	cl	tl	Tipperary, Meath (Cy-H33), Clare (Zs-H11), Limerick (tl-H582 to ha)	Tipperary, Meath (Cy-H33), Clare (Zs-H11), Limerick (tl-H582 almost Zy)	811 Sur	822 Canogoe			A mixed unit often silty or close to Zy, some gleyics	Floodplain				
821b	821b Kilgory	Coarse loamy river alluvium	Kilgory		Sandstone river alluvium	144 Tipperary	p89 125 Tipperary		811 Ewersley		811 Ewersley	cl	cl	sl	s	Sandy?; profile sandy below 30cm depth; not humose	Tipperary, Clare							Same profile repeated at Tipperary from Clare; variable textures	Floodplain			
822a	822b Coolalough	Fine silty lake alluvium	Coolalough		Limestone lake alluvium	65 Westmeath	p87 Westmeath		851 Unnamed		851 Unnamed	tl	tl	cl	cl	Dominantly Cy in Avery	Tipperary, Westmeath, Limerick	822 Coolin; p118 Tipperary					Limited in Tipperary, p86, 118 (300ha). Limerick 4K acres, Clayer, Westmeath Org tly over t2y but 35-40% clay					
822a	821c Shannon	Clayey river alluvium	Shannon-Banagher		River alluvium (predominantly limestone origin?)	260			813 Fladbury		813 Fladbury	cl	cy	zc	c	Text says ZC to L; profile >40%clay	Tipperary, Clare, Limerick	921 Banagher	824 Drombarry	822 Coolin				Sulham profile from Clare				
822f	822a Canogoe	Clayey river alluvium	Canogoe		Limestone alluvium	63 Limerick	p79 Limerick		851 Doshill non red var		851 Doshill non red var	cy	zc	c	c	Impossible to sort, varied textures, profile does not match text description	Tipperary, Meath, Westmeath, Clare, Limerick	822 Coolin (from Westmeath)	723 Donashee				Limerick p79 (JRK 40), 168 Cy, humose top, Clare-p88, 213 (JRK 40), 168 Cy, humose top, Westmeath p					

National Association		Association Name	Substrate Type	Irish Map unit	Irish PM type	Lead series	County Map Key	Publication	Representative Profile	Avery. subgroup. cod	Avery. series	Text. Uppr	Text. Lwr	Text. class. Uppr	Texture comment	Where found	Ancllary1. cod	Ancllary1. name	Ancllary2. cod	Ancllary2. name	Ancllary3. cod	Ancllary3. name	Association comment	Landscape	Misc notes	Rationalisation decisions		
112c	112c	Knockeyon	Loamy lithokalest sandstone	Silvernagh	Sandstone bedrock	Silvernagh = Knockeyon	85/Tipperary	p 21, 94	311 Revidge	cLy	Rk	lnSL	Rk	lnSL	Rk	Tipperary, Clare, Limerick						Seefin often included when rationalising linework	Summits of ORS ridges					
112d	112d	Knockshigowna	Loamy over mudstone, shale and slate	Ballynalacken-Knockshigowna	Palaeozoic shales	Knockshigowna	255/Tipperary	p42	311 Skiddaw	hu ly	Rk	L	Rk	L	No profile; shallow humose to rock	Tipperary	311	Ballynalacken	511	Borrisoleigh			Ballynalacken and Borrisoleigh 30% each	Over steepened sides of meltwater channels in Silvermine hills				
211b	211c	Kilcolgan	Fine loamy drift with limestones	Kilcolgan	Limestone till	Kilcolgan	141/Tipperary	p26, 102	511?	Unnamed	fly	fly	L-CL	L	Gravelly fly, not clear whether 34, 511 or 541. Favour 541 fly dr with 1st	Tipperary, Clare							Similar to Patrickswell - maybe merge?	Gently rolling	Not clear why this is a red/ina			
213a	211b	Burren	Loamy, lithokalest limestone bedrock	Burren	Mainly limestone bedrock	Burren	140/Tipperary	p 101	341	Median	fly	Rk	CL	Rk		Offaly, Tipperary, Meath; Westmeath; Leitrim, Clare	?	Bare rock	111	Rineanna			Not mentioned in Tipperary but for national unit these ancillaries should be included; Leitrim p70 (Cwibn); Offaly p39 (Aberford)	Hill and mountains				
311a	311f	Clonroche	Fine loamy drift with siliceous stones	Ballynalacken	Shale till or colluvium	Ballynalacken = Clonroche	49/Tipperary	p23, 97	541	East Keswick	fly	fly	L	fly	g L	Sony and bouldery soil at Tipperary	Tipperary, Clare (cLy Dg var), Limerick (fly Dg - hum?)	311	Ballylanders	313	UN04, fly/SH		Probably in stony drift rather than bedrock?	Kame and kettle topography	Associated with Borrisoleigh			
311c	311g	Clashmore	Coarse loamy drift with siliceous stones	Knocknashelta	Sandstone/Limestone/ Shale till	Knocknashelta	136/Tipperary	p25, 100	541	Wick	fly	dLy	L	SL		Tipperary, Clare (cLy 541)	311	Clonroche					As limestone increases passes to Patrickswell; as decreases passes to Puckane or Gortacleen	Very gently rolling				
311c	311h	Clashmore	Coarse loamy drift with siliceous stones	Knocknashelta-Donglara	Sandstone/Limestone/ Shale till	Knocknashelta	258/Tipperary	p43	541	Wick	fly	dLy	L	SL		Only Tipperary	513	Donglara = Knockboy	722	Gortacleen Puckane	411/ 311	Eiton	Eiton represents limestone tills	ORS ridges	Drift			
321a	321a	Baginstown	CoLy drift over calcareous gravel	Baginstown	Fluvio-glacial Limestone	Baginstown	42/Tipperary	p95	511	Horseleath	dLy	dLy	fly	gSL	cLy at Offaly and Meath; fly at Tipperary	Offaly, Tipperary, Meath, Westmeath, Clare, Limerick	321	UN05, flycalcGr - Offaly p35	311	Clashmore or Clonroche			Range of texture from cly (dominant?) to Fine loamy; also some profiles are not calc especially where gravel deep or kettle	lowwash fans, eskers, kame and kettle	In Offaly - clay content 16-19%; over sand and gravel, all 5.11 over calc gr. Call WoodEast Keswick var			
321a	321b	Baginstown	CoLy drift over calcareous gravel	Baginstown-Crush	Limestone drift	Baginstown	209/Tipperary	p 41	511	Horseleath	dLy	dLy	fly	gSL	cLy at Offaly and Meath; fly at Tipperary	Offaly, Tipperary, Meath, Westmeath	321	UN05, flycalcGr - Offaly p35	411	Patrickswell	213	Crush	Baginstown 79%, Crush 5% and Patrickswell 20%; See 1st Legend for Meath AS1; Crush not B Renz2; 3% over calc crests of eskers	lowwash fans, eskers, kame and kettle	At Meath - Baginstown dominant (60%); Crush on crests, Baginstown on fans of eskers; Patrickswell			
3110	321d	Dovea	Clayey drift with limestones	Dovea	Limestone/shale till	Dovea	249/Tipperary	p25, 98	411	Lodgegrove	Cy	Cy-ly	C	2C-	humose top not accounted for in classification	Unique to Tipperary only 682 ha in one patch							Poor information	? No info				
321b	321e	Ballincurra	Fine loamy over limestone	Ballincurra	Shallow limestone till	Ballincurra	43/Tipperary	p66	541	Waltham	fly	Rk	CL	Rk		Clare (fly-513); Limerick (cLy-343); Meath (fly shallow) (no snail; Offaly (fly-343); Westmeath (fly-343 but description gives 541 and 343))	213	Burren					Undulating older up to 200ft OD; associated with Burren series; usually in hollows					
321c	321f	Kinvatera	Fine loamy drift with limestones	Kinvatera	Limestone till	Kinvatera	135/Tipperary	p25, 99	541	East Keswick 1st var	fly	fly	L	fly	g L	Tipperary, Clare, Mayo West							5.11 equivalent classified as same series?	No info	Very restricted in area - 79ha			
411a	411b	Patrickswell_1	Fine loamy drift with limestones	Patrickswell	Limestone till, some sandstone and shale	Patrickswell	60/Offaly	p45-7	571	Ludford 1st var	fly	fly	L	L	Locally CL, but some cLy - Tipperary p104	Offaly, Tipperary, Laois, Meath, Westmeath, Clare, Limerick	411	Athy (cLy)										
411a	411b	Patrickswell_1	Fine loamy drift with limestones	Patrickswell	Limestone till, some sandstone and shale	Patrickswell	60B																			Either lump with Patrickswell 1 or keep as a phase distinction - 2k ha so large enough to survive		
411a	411c	Patrickswell_1	Fine loamy drift over limestone	Patrickswell Little Phase	Limestone till	Patrickswell Little Phase - need new name	60L/Meath Offaly	p412 p48	571	Wilderhope	fly	Rk	L or CL	Rk		Offaly, Tipperary, Meath, Clare	411	Patrickswell					Tipperary p 105 - shallow to unweathered ill -rock at 90cm	Gently undulating, on limestone reef knolls in Offaly	Could easily be a typ BE			
411a	411e	Patrickswell_1	Fine loamy drift with limestones	Patrickswell-Baginstown	Limestone till, some sandstone and shale	Patrickswell	207																		Meige with Patrickswell-Baginstown-Eiton?			
411a	411e	Patrickswell_1	FLY limestone drift	Patrickswell-Baginstown-Eiton	Limestone till	Patrickswell	208/Meath Tipperary	p111 p43	571	Ludford calc var	fly	fly	L	CL	Could be 541-Ew calc var; or even cly!	Tipperary, Meath			411	Eiton			Tipperary 50-40-10%; Meath 60-70, 15-20, 15-20%; Patrickswell on kame slopes, Baginstown on crests and Eiton in kettle holes where sufficient colluvial material built up	Kame and kettle				
411x	411d	Eiton	FLY limestone drift	Eiton	Limestone till	Eiton	59/Tipperary	p27, 103	571	Ludford calc? var	fly	fly	L	CL	fly almost cLy; 1st have little effect on topsoil- pH 6.0	Offaly, Tipperary, Laois, Meath, Westmeath, Clare, Kildare, Limerick, Mayo	411	Dungavan calc var?					Sean Diamond says no limestones above 1m depth, so probably best as drift with sil stones; Pavel - similar to Knockey and Bannant (Laois)	Undulating to flat	SW Offaly in Lea of Slave Bloom Mountains an are of drift with siliceous stones - Prof 2 p43 - pH less than Prof 1 p42 in limestone? Tilt.	Need to distinguish from Patrickswell		
511a	511e	Coogla_1	Coarse loamy drift with siliceous stones; locally may be	Coogla	Sandstone fluvio-glacial drift some	Coogla	54/Tipperary	p31, 110	611	Garth	fly	dLy	L	SL	Description says SL, but profile is fly albeit 20% C	Tipperary, Clare, Limerick	511	UN29 (fly DR- SL)						No details - in Clare fluvio-glacial ground moanines, kame and kettle	Good Brown Podzolic profile in Clare (p15, 142); definitely cLy. Clare- probably degraded podzol following	Meige with Coogla?		
513a	513d	Knockboy	Coarse loamy drift with siliceous stones	Donglara	Sandstone till or colluvium	Donglara	56/Tipperary	p31, 111	612	Unnamed	fly	dLy	L	SL	Description says SL, but profile is fly to 46cm	Clare/Limerick- 611 Garth (cult potzol); Clare p18, 146												
513c	511c	Borrisoleigh	Fine loamy over mudstone, shale or slate	Borrisoleigh	Shale till and colluvium	Borrisoleigh	261/Tipperary	p108	611	Manrod	fly	Rk	CL	Rk	Not very bright colours - close to Denbigh	Only Tipperary	311	Ballynalacken = Clonroche					Incorporate Borrisoleigh steep phase 26154	Silverminehills; rolling to steep (6-30 degs)				
513c	511c	Borrisleig	Fine loamy over mudstone, shale or slate	Borrisoleigh Sleep Phase	Limestone till	Borrisoleigh Sleep Phase	26154																					
513c	511d	Borrisoleigh	Fine loamy over mudstone, shale or slate	Borrisoleigh-Ballynalacken	Shale till and colluvium	Borrisoleigh-Ballynalacken	253/Tipperary	p41	611	Manrod	fly	Rk	CL	Rk	Not very bright colours - close to Ballylanders	Only Tipperary	311	Ballynalacken = Clonroche					Merge with Borrisleigh 1: each 35-65% but Borrisoleigh usually dominant	Lower slopes of Silvermine hills				
513c		Borrisleigh	Fine loamy over mudstone, shale or slate	Borrisoleigh-Knockshigowna	Palaeozoic shales	Borrisoleigh-Knockshigowna	254/Tipperary	p41	611	Manrod	fly	Rk	CL	Rk	Not very bright colours - close to Denbigh	Only Tipperary	112	Knockshigowna					Knockshigowna plus rock outcrops - 30%	Over steepened sides of meltwater channels in Silvermine hills	Knockshigowna is dominant			
513d	612a	Knockacool	Coarse loamy over sandstone	Knockacool	Sandstone bedrock - some till	Knockacool	17/Tipperary	p32, 112	631	Anglezarke	dLy	Rk	SL	Rk	Description says SL, but profile is dominantly fly	Clare and Limerick - very similar profiles; cLy - thin hum top							Not easy to classify from data available					
513d	?	Knockacool Peaty Phase		Knockacool Peaty Phase	Sandstone bedrock - some till	Knockacool Peaty Phase	17P		651?	Belmont?																		
632b	631a	Knockastanna	Fine loamy over Palaeoz shale	Knockastanna	Shale Till and Colluvium	Knockastanna	79/Tipperary	p34, 113	654	Harren	fly	Rk	CL	Rk	Cy in surface of profile	Offaly (peaty 637; Tipperary, Laois (peaty-637); Clare (65?); Limerick (65.1)							>300m in Silvermines, below this Borrisoleigh					
632b	631b	Knockastanna peaty phase	Fine loamy over Palaeoz shale	Knockastanna Peaty Phase	Shale Till and Colluvium	Knockastanna Peaty Phase	79P/Tipperary	p34, 114	654	Harren	fly	Rk	CL	Rk	Dominantly Cy - just	Offaly, Tipperary, Laois, Clare							Incorporate into Knockastanna?	50m higher than Knockastanna				
632b	631c	Knockastanna 2	Fine loamy over Palaeoz shale	Knockastanna-Knockshigowna	Shale Till and Colluvium	Knockastanna-Knockshigowna	257/Tipperary	p34, 113	654	Harren	fly	Rk	CL	Rk	Cy in surface of profile	Similar to Ballynalacken-Knockshigowna Complex							Similar to Ballynalacken-Knockshigowna Complex	Glacial meltwater valleys at >300m				
632c	632a	Forth Commons	Loamy over sandstone	Seefin	Sandstone, colluvium or till	Seefin = Forth Commons	80/Tipperary	p34, 115	651	Belmont	fly	Rk	L	Rk		Clare (633); Limerick (65.1)							Associated with Aughy and Knockacool ie upland peats and peaty potz; Mapped with Silvernagh	Upland >300m				
711b	712d	Kilrush	Fine loamy drift with siliceous stones	Kilcommon	Shale till and colluvium	Kilcommon = Kilrush	251/Tipperary	p39,124	721	Wilcocks	fly	fly	CL	L	fly; OC 6.9 to 5cm and 2.7 to 15cm	Only Tipperary								130-700m; lower altitudes likely to be brickfield				
711b	712g	Kilrush	Fine loamy drift with siliceous stones	Kilcommon Peaty Phase	Shale till and colluvium	Kilcommon Peaty Phase	251P/Tipperary	p39							No profile, but within Wo definition	Only Tipperary							Incorporate into Kilcommon ass	>500m				
712a	725b	Howardstown	Fine Loamy drift with limestones	Howardstown	Drift derived from Carboniferous limestone, shale and sandstone	Howardstown	70/Westmeath	p61	873	Unnamed	fly	fly	ZL	L	Silty top may be some colluvial or alluvial influences Meath p122 a similar profile	Offaly, Tipperary, Laois, Meath, Westmeath, Leitrim, Clare, Limerick			711	Stallan			Review of all profiles undertaken - see Soil_profiles_master_RPC.xls	Undulating toward and some drumlins. Abuts wetter edge of Eiton				

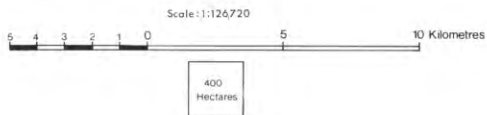
Co. Tipperary
(North Riding)

SOIL MAP
(To accompany Soil Survey Bulletin No. 42)



Soil Surveyed by: T.F. Finch
Cartography: Cartographic Section, An Foras Talúntais

- Soil Boundaries.....
- Altitudes..... 673
- Roads.....
- Rivers.....
- Towns.....
- Major Lakes.....
- Unmapped Areas.....
- Lough Ree Landform.....



Great Soil Group	Regosol		Lithosol	Brown Earth						Rendzina			Grey Brown Podzolic				Brown Podzolic			
Soil Series	31	33	85	42	43	49	249	135	136	140	R1	141	59	60	L	R3	261	S4	54	56
	Carney	Milltown-pass	Slieveareagh	Baggots-town	Ballincurra	Ballynalacken	Dovea	Kinvarra	Knockna-skeha	Burren	Burren Rocky Phase	Kilcolgan	Elton	Patrickswell	Patrickswell Lithic Phase	Patrickswell Bouldery Phase	Borrisoleigh	Borrisoleigh Steep Phase	Cooga	Doonglara
Parent Material	Limestone Lake Alluvium	Limestone River Alluvium	Sandstone Mainly Bedrock	Limestone Fluvio-glacial Drift	Shallow Limestone Till	Shale Till or Colluvium	Limestone/ Shale Till	Limestone Till	Sandstone/ Limestone/ Shale Till	Mainly Limestone Bedrock		Limestone Till	Limestone Till, some Sandstone and Shale				Shale Till and Colluvium		Sandstone Fluvio-glacial Drift, some Shale	Sandstone Till or Colluvium
% Total Land Area	01	06	01	31	24	126	34	04	64	17	92	03	9.85	23.08	134	122	10.91	40	94	116
Hectares	22	129	20	621	486	2,527	682	79	1,284	344	1,834	56	19,650	46,055	2,745	2,444	21,772	807	1,881	2,314

*Urban areas etc. = 1062ha 0.53 %

Great Soil Group	Podzol					Gley														
Soil Series	77	P	79	P	80	201	63	65	250	87	82	68	70	251	P	144	129	74	P	
	Knockacool	Knockacool Peaty Phase	Knockastanna	Knockastanna Peaty Phase	Seefin	Ballyshear	Camogie	Coolalough	Derrygarreen	Drombarry	Feale	Gortaclaren	Howards town	Kilcommon	Kilcommon Peaty Phase	Kilgory	Mylerstown	Puckane	Puckane Peaty Phase	
Parent Material	Sandstone Bedrock some Till and Colluvium		Shale Till and Colluvium		Sandstone Colluvium and Till	Limestone Till	Limestone/ Sandstone/ Shale- River All	Limestone Lake Alluvium	Sandstone Fluvio-glacial Drift	Limestone Lake Alluvium	Shale River Alluvium	Sandstone/ Shale Till	Limestone Till	Shale Till and Colluvium		Sandstone River Alluvium	Limestone Till with some Shale	Sandstone/ Shale Till		
% Total Land Area	04	03	166	184	02	47	372	15	05	26	240	238	95	615	116	03	215	27	03	
Hectares	78	54	3,315	3,685	40	942	7,429	298	103	513	4,790	4,749	1,902	12,279	2,309	54	4,297	533	63	

Peat						
Soil Series	Allen	Aughty	Banagher	Boora (Complex)	Pollardstown	Gortnamona
% Total Land Area	163	53	485	147	18	79
Hectares	3,248	1,056	9,686	2,935	367	1,572

R1 2-10% Rockiness
R3 25-50% Rockiness
S4 13°-19° Slopes
L Lithic
M Mountainous
P Peaty
Large rock outcrop

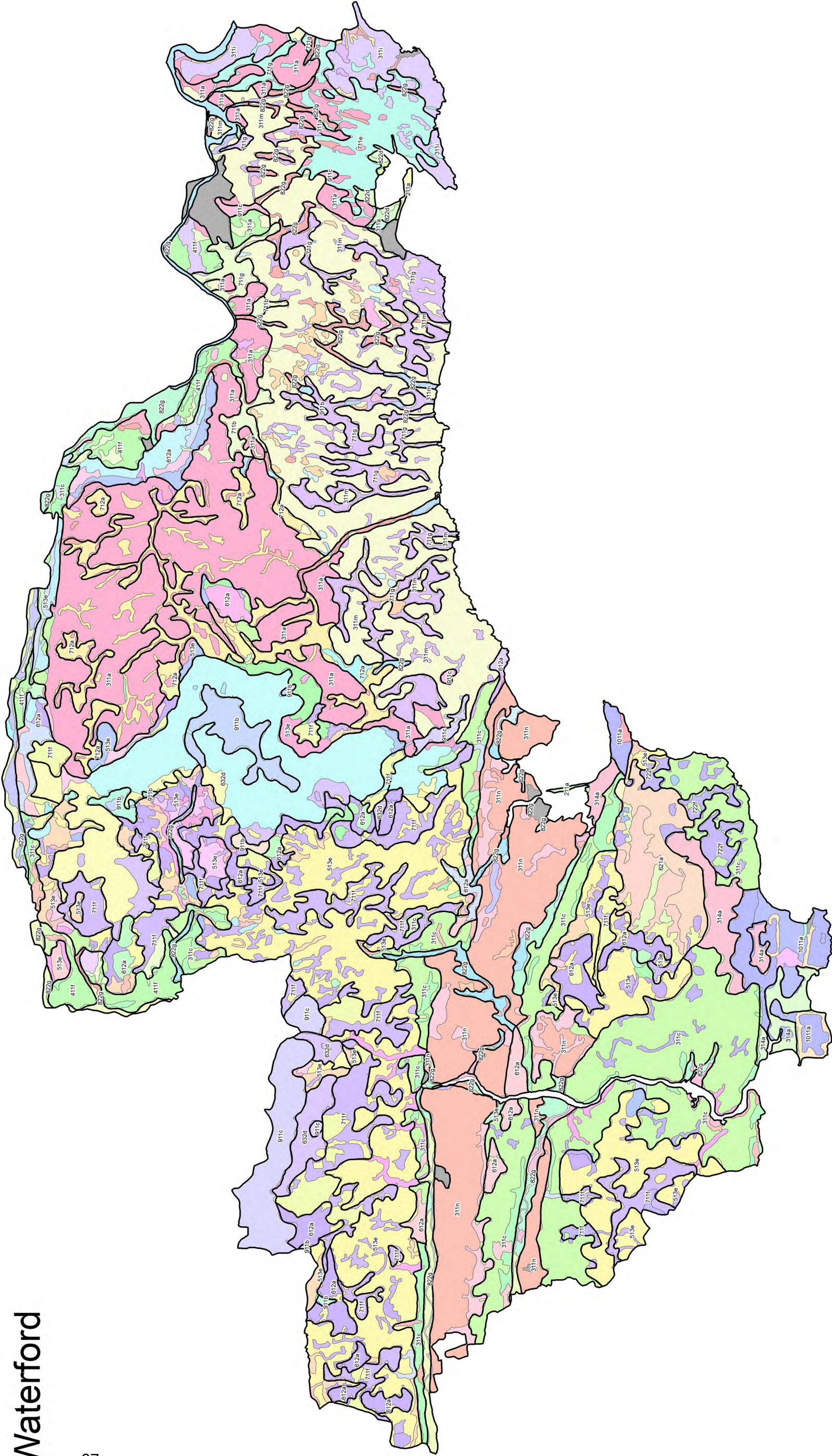
Complex													
Soil Series	Turbary Knockastanna	Baggotstown	Borrisoleigh	Borrisoleigh Knockshigowna	Ballynatacken	Ballyshear	Camogie	Howardstown	Howardstown	Knockastanna	Knockastanna Doonglara	Patrickswell	Patrickswell Baggotstown
% Total Land Area	45	24	90	36	23	56	21	07	41	29	26	120	199
Hectares	901	488	1,799	719	456	1,115	415	133	835	589	524	2,400	3,970

Co. Waterford

Rationalised Soil Legend for County Waterford 2010

NatAssoc_cod	Association_Name	Substrate_type	Lead_series	County_Map_Key	Publication	Representative_Profile	Avery_subgroup_cod	Avery_series	Text_Uppr	Text_Lwr	Text_class_Uppr	Text_class_lwr	Texture_comment	Where_found	Ancillary1_cod	Ancillary1_name	Ancillary2_cod	Ancillary2_name	Ancillary3_cod	Ancillary3_name	Ancillary4_cod	Ancillary4_name	Ancillary5_cod	Ancillary5_name	Association_comment
311a	Clonroche	Drift with siliceous stones	Clonroche	CL	Waterford	p72-76	5.41		fLy	fLy	???	??		Waterford	712 Gortaclareen		711 Tramore (p219-224)							Includes Clonroche Rolling, Steep, Moderately Steep & Shallow phases; Ancillary 1 series is Mothel (MH) rationalised to Gortaclareen	
311c	Clashmore_1	Drift with siliceous stones	Clashmore	CM	Waterford	p57-66	5.41		cLy	cLy				Waterford	612 Portlaw		611 Ballycondon p24-29	722 Puckane						Includes Portlaw Rolling (PL3), Moderately Steep (PL4) & Steep (PL5) Phases; Ballymacart (rat. Puckane)	
311i	Broomhill	Drift over sandstone	Broomhill	BL	Waterford	p47-51	5.41		fLy	fLy				Waterford	311 Clonroche		822 Coolfin p77-83							Includes Moderately Steep and Rolling Phases; small areas of Coolfin (822); Clonroche	
311m	Kill	Drift with igneous & metamorphic stones	Kill	KR	Waterford	p123-131	5.41		fLy	fLy				Waterford	711 Tramore p219-24									Includes Moderately Steep and Rocky Phases; 1 area of Ballyscanton (BS)	
311n	Clashmore_2	Drift with siliceous stones	Clashmore	CM	Waterford	p57-66			cLy	cLy				Waterford	711 Kilrush		411 Dungarvan p100-110							Dungarvan rationalised to Clashmore; Kiladangan (711) rationalised to Kilrush; Dungarvan name used for 411 inclusion; includes Dungarvan Rocky Phase	
314a	Moord	Drift with siliceous stones	Moord	MD	Waterford	p184-87			cLy	fLy				Waterford	1011 Ardmore p12-18										
411f	Dunboyne	Drift with siliceous stones	Kilmeaden = Dunboyne	KL	Waterford	p137-45	5.71		fLy	fLy				Waterford	311 Broomhill p47-51	711 Kilrush (Waterford) p225-29	311 Clashmore							Kilmeaden rationalised to Dunboyne; Waterford rationalised to Kilrush; some Ballymacart rationalised to Puckane	
513e	Knockboy	Drift with siliceous stones	Knockboy	KY	Waterford	p151-60	6.12		cLy	cLy				Waterford	611 Ballycondon		711 Newport p194-99	711 Dodard	611 Portlaw					Includes Portlaw Rolling (PL4), Moderately Steep (PL3) & Steep (PL5) phases	
612a	Portlaw	Sandstone bedrock (conglomerate)	Portlaw	PL	Waterford	p200-3	6.31		cLy	fLy				Waterford	513 Slievecolilla = Borrisoleigh p204-7	611 Ballycondon p24-29	513 Knockboy	711 Dodard p70-94						Includes Slievecolilla (SC) rationalised to Borrisoleigh; includes Portlaw Rolling (PL4), Moderately Steep (PL3) & Steep (PL5) phases; Ballycondon (cLy/cLy) Moderately Steep Phase	
621a	Ahaun	Drift with siliceous stones			Waterford	p5-11			cLy	cLy				Waterford	611 Drumslig p95-99	711 Lickey p168-72	722 Dodard	612 Ballycondon p24-29						Includes Drumslig (DS) (cLy/RK), Lickey (LK) (fLy/cLy)	
632d	Monavullagh	Sandstone bedrock (conglomerate)	Monavullagh	MV	Waterford	p180-83	651	Hambleton	Sdy	Sdy				Waterford	632 Glenary p111-19	632 Knockalisheen p146-50									
711b	Kilrush	Drift with siliceous stones	Kiladangan = Kilrush Waterford =	NT	Waterford	p130-33 p225-29	713	Brickfield	fLy	fLy				Waterford	513 Knockboy									Waterford (WF) rationalised to Kilrush (cLy/fLy in memoir p225-29)	
711e	Clohernagh	Drift (fragic) with igneous & metamorphic stones	Clohernagh	CN	Waterford	p67-71	713	Brickfield	fLy	fLy				Waterford	311 Clonroche		311 Broomhill p47-51							Includes Broomhill rolling phase	
711f	N ewport	Drift with siliceous stones	N ewport	NT	Waterford	p19-99	711	Clifton*	cLy	fLy				Waterford	711 Dodard p90-4	513 Knockboy p151-60	722 Puckane							some Ballymacart rationalised to Puckane	
712a	Gortaclareen	Drift with siliceous stones	Lickey = Gortasclareen Mothel = Gortaclareen	MH	Waterford	p168-72 p190-92			fLy	fLy				Waterford	311 Clashmore	311 Kill								Mothel (MH) - p190-92- rationalised to Gortaclareen; includes Peaty phase (MHp)	
711g	Tramore	Drift with igneous & metamorphic stones		TM	Waterford	p219-24			cLy	cLy				Waterford	311 Clashmore	311 Kill								Includes Tramore Peaty phase; Kilbarry	
722f	Puckane 3	Drift with siliceous stones	Ballymacart = Puckane	BM	Waterford	p30-35			cLy? cLy?					Waterford	311 Clashmore									Small areas in SW	
821a	Kilmannock	Estuarine alluvium	Slob = Kilmannock	SB	Waterford	p208-13			fLy	fLy				Waterford										includes Slob Peaty (SBp), Sandy (Sba), Silty (SB) phases	
822d	Wexford Slob	Marine alluvium	Slob	SB	Waterford	p208-13			Zy	Zy				Waterford										Correlate with Wexford Slob? includes Slob Peaty (SBp), Sandy (Sba), Silty (SB) phases	
822g	Coolfin	River alluvium	Coolfin	CF	Waterford	p77-83			fZy	fZy				Waterford	811 Finisk p109	811 Suir p214-8	921? Kilbarry p112-123							includes Finisk (FK); Ballynabola (fZy/cLy) + Peaty phase (BB, BBp); Suir (SR); Kilbarry (KB) could be classify as Peat;	
911b	Aughty	Peat (Blanket peat)	Aughty	AT	Waterford	p19-23	1011	Winter Hill						Waterford	913 Aughty Cut-Over									Includes Aughty Cut-over	
911c	Knockmealdown	Peat over rock	Knockmealdown	KM	Waterford	p161-167								Waterford	922 Banagher p108	632 Glenary p111-9									
1011a	Monatray	Drift with siliceous stones	Monatray	MR	Waterford	p174-79			Ly	Ly				Waterford	1011 Ardmore p12-18	1011 Curragh p84-89								Includes Ardmore (AM), Curragh (CR), Monatray Rolling (MR3), Shallow (MRT1) phases; Ballymacart (BM)	

Waterford



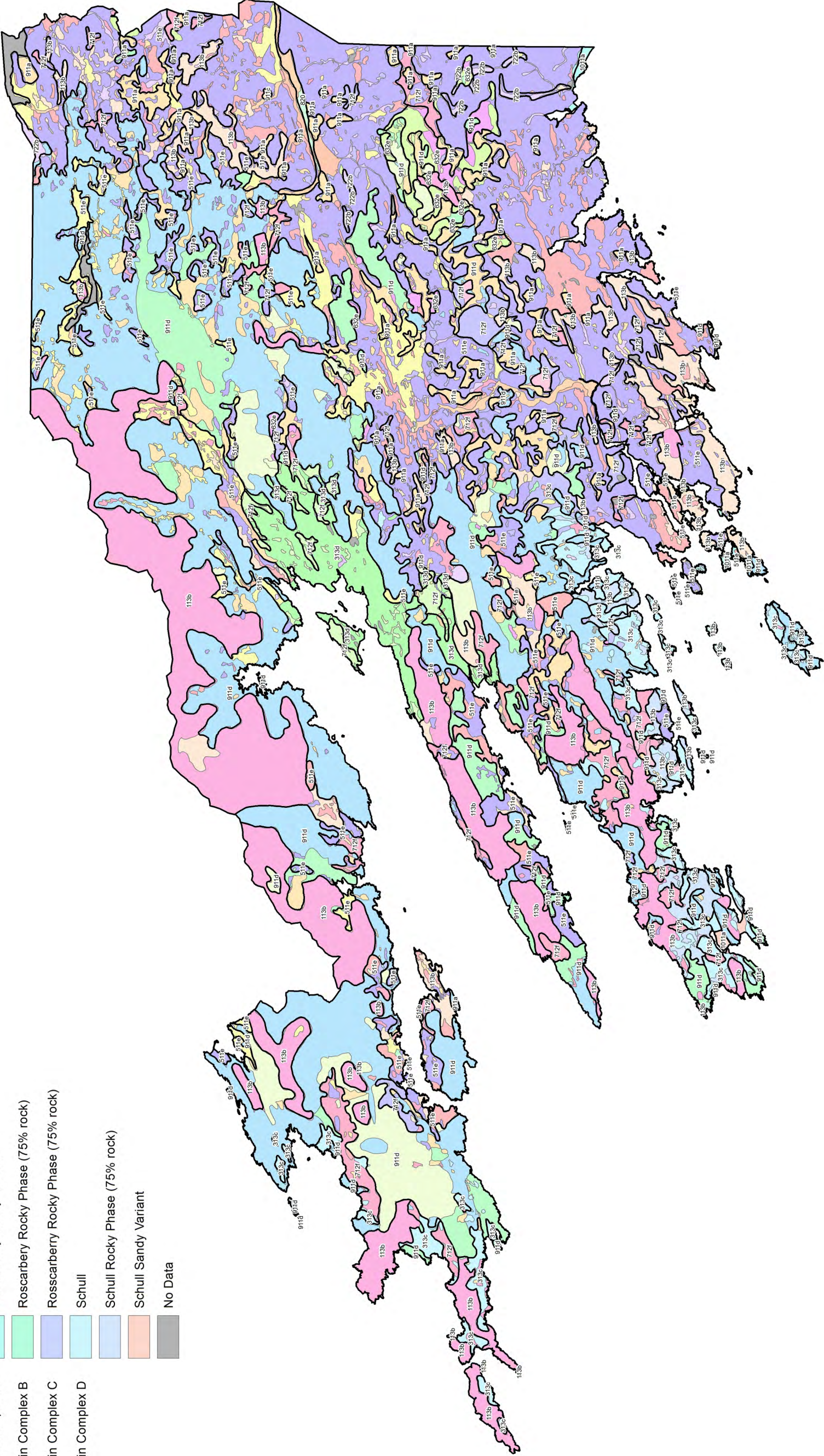
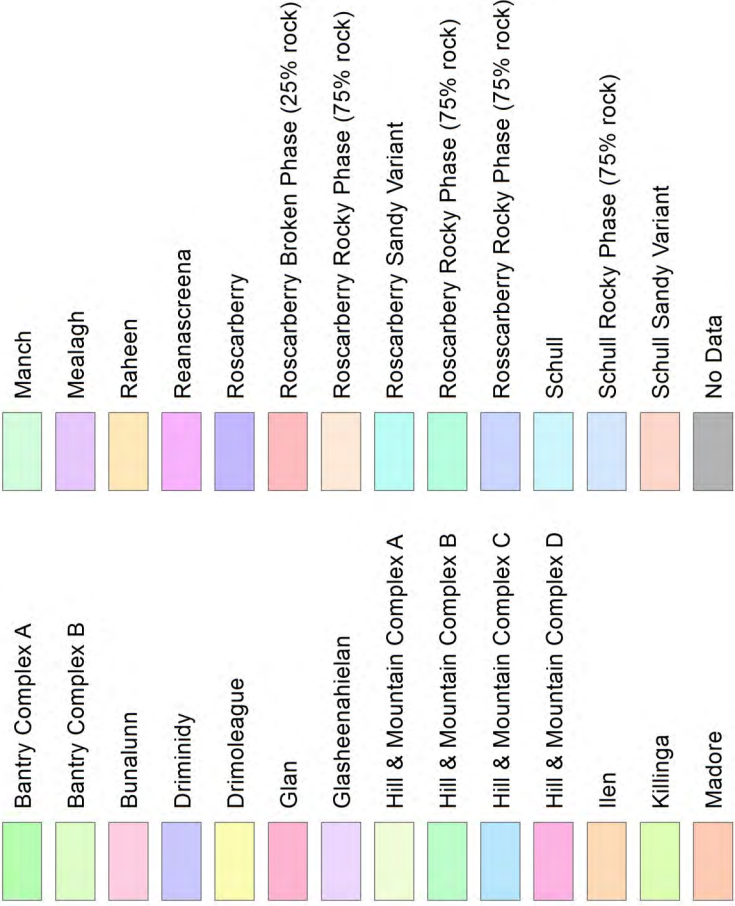
Ahaun	Ballymacart	Clashmore Steep Phase	Drumslig	Kilmeadan-Callaghan Complex	Knockmealdown	Portlaw Steep Phase
Ahaun Rolling Phase	Ballynabola	Clashmore Stony Phase	Dungarvan	Kilmeadan-Clashmore Complex	Lickey	Slievecoilta
Ardmore	Ballynabola Peaty Phase	Clohernagh	Dungarvan Rocky Phase	Kilmeadan-Clashmore Rolling Phase Complex	Monatray	Slob
Aughty	Ballyscanlon	Clohernagh Sandy Phase	Fen	Knockalisheen	Monatray Rolling Phase	Slob Peaty Phase
Aughty Cutover Moderately Steep Phase	Blown Sand	Clonroche	Finisk	Knockboy	Monatray Shallow Phase	Slob Sandy Phase
Aughty Cutover Peat	Broomhill	Clonroche Moderately Steep Phase	Glenary	Knockboy Brown Moderately Steep Phase	Monavullagh	Slob Silty Phase
Ballycondon	Broomhill Moderately Steep Phase	Clonroche Rolling Phase	Kilbarry	Knockboy Brown Phase	Moord	Suir
Ballycondon Bouldery Phase	Broomhill Rolling Phase	Clonroche Shallow Phase	Kill	Knockboy Brown Rolling Phase	Moord Poorly Drained Phase	Suir-Coolfin Complex
Ballycondon Moderately Steep Phase	Callaghane	Clonroche Steep Phase	Kill Moderately Steep Phase	Knockboy Moderately Steep Phase	Mothel	Tramore
Ballycondon Rocky Phase	Clashmore	Coolfin	Kill Rocky Phase	Knockboy Rocky Phase	Mothel Peaty Phase	Tramore Peaty Phase
Ballycondon Rolling Phase	Clashmore Moderately Steep Phase	Coolfin Peaty Phase	Kill Very Rocky Phase	Knockboy Rolling Phase	Newport	Waterford
Ballycondon Steep Phase	Clashmore Rocky Phase	Coolfin-Blown Sand Complex	Killadangan	Knockboy Rolling Stony Phase	Portlaw	Urban
Ballycondon Stony Phase	Clashmore Rolling Phase	Curragh	Kilmeadan	Knockboy Stony Phase	Portlaw Moderately Steep Phase	Water
Ballycondon Very Rocky Phase	Clashmore Shallow Phase	Dodard	Kilmeadan Rolling Phase	Knockboy Very Rocky Phase	Portlaw Rolling Phase	

Co. West Cork

Rationalised Soil Legend for West Cork - July 2011

[illegible]

West Cork



Co. West Donegal



GLENTIES RURAL DISTRICT Co. DONEGAL

Soil Map

(To accompany Soil Survey Bulletin No. 20)
Prepared and published by National Soil Survey, Soil Division, An Foras Talúntais

Scale: One mile to One inch (1:63,360)

- Soil boundaries
- Altitudes
- Contours
- Principal towns
- Roads
- Rivers
- Lakes (unenclosed)

Soil surveyed by: S. J. S. Smith, M. Ryan, M. Walsh
Head of National Soil Survey, E. Ryan
Cartographer: J. Smith and V. Smith

LOWLAND SOILS 0-400 feet O.D.

MAP SYMBOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
SOILS	Acid Brown Earths	Brown Podzols	Podzols	Greys	Reclaimed Peat sub-salts	Anthropic Podzols	Killybegs Complex	Podzols of the Drumlins	Clays of the Drumlins	Peat	Curlew Peat	Bracken Peat	Derelict Complex	Organic and Mineral Soil Complex	Lithals	Regolith (Aeolian Sands)	Regolith (Aeolian Sands)	Regolith (Aeolian Sands)	Regolith (Aeolian Sands)
NATURAL DRAINAGE	Good	Moderate	Imperfect	Poor	Imperfect-Poor	Imperfect	Variable	Good-Moderate	Poor	Poor	Poor	Poor	Poor	Imperfect-Poor	Extensive	Good-Moderate	Imperfect-Poor	Imperfect-Poor	Imperfect-Poor
PER CENT OF TOTAL AREA	0.39	1.68	1.13	2.01	1.76	0.50	0.69	0.21	0.41	23.06	3.34	0.02	0.11	10.56	1.11	0.16	0.16	0.10	0.19
ACRES	1031	4,413	2931	5,400	4,633	1,313	1,804	534	1,069	5,956	8763	45	301	27,784	2,931	2,516	428	2,517	495

*Total area excluding area of major lakes which represent 3,666 acres, 2.15 per cent (approx.)

HIGHLAND SOILS Above 400 feet O.D.

MAP SYMBOL	20	21	22	23	24	25	26	27
SOILS	Scree slope soils	Podzols with some Gleys	Reclaimed Peat	Peat - in deep	Peat - in deep	Peat - in deep	Organic and Mineral Soil Complex	Lithals
NATURAL DRAINAGE	Good-Moderate	Moderate-poor	Poor	Poor	Poor	Poor	Imperfect-Poor	Extensive
PER CENT OF TOTAL AREA	0.13	0.15	2.01	16.22	13.31	4.34	8.91	3.78
ACRES	341	395	5,284	42,680	35,012	11,419	18,774	9,945

VALLEY SOILS

MAP SYMBOL	28	29
SOILS	Regolith on Alluvium	Peat
NATURAL DRAINAGE	Moderate	Imperfect
PER CENT OF TOTAL AREA	0.44	0.09
ACRES	1,150	1,023

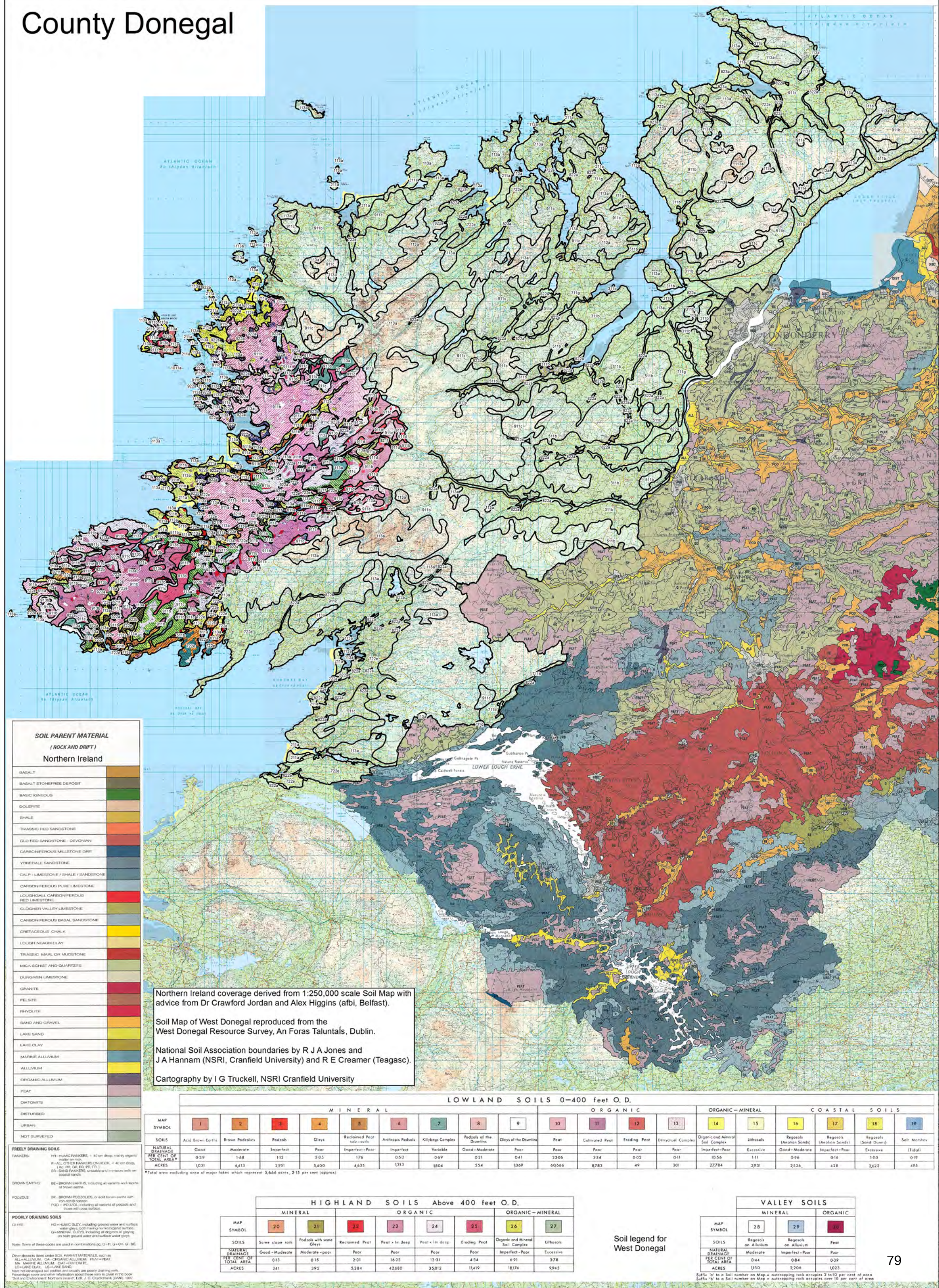
Soils 'a' to 'e' a Soil number on Map x outcropping rock occupies 2 to 10 per cent of area. Suffix 'a' to 'e' a Soil number on Map x outcropping rock occupies over 10 per cent of area.

Copies of this map and bulletin available from Publications Section, An Foras Talúntais, 33 Merrion Road, Dublin 4. Price: Thirty shillings.

Based on the Ordnance Survey by permission of the Government Printed at the Ordnance Survey, Sept. 1968

Co. East Donegal

County Donegal



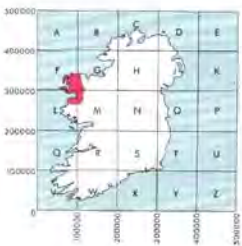
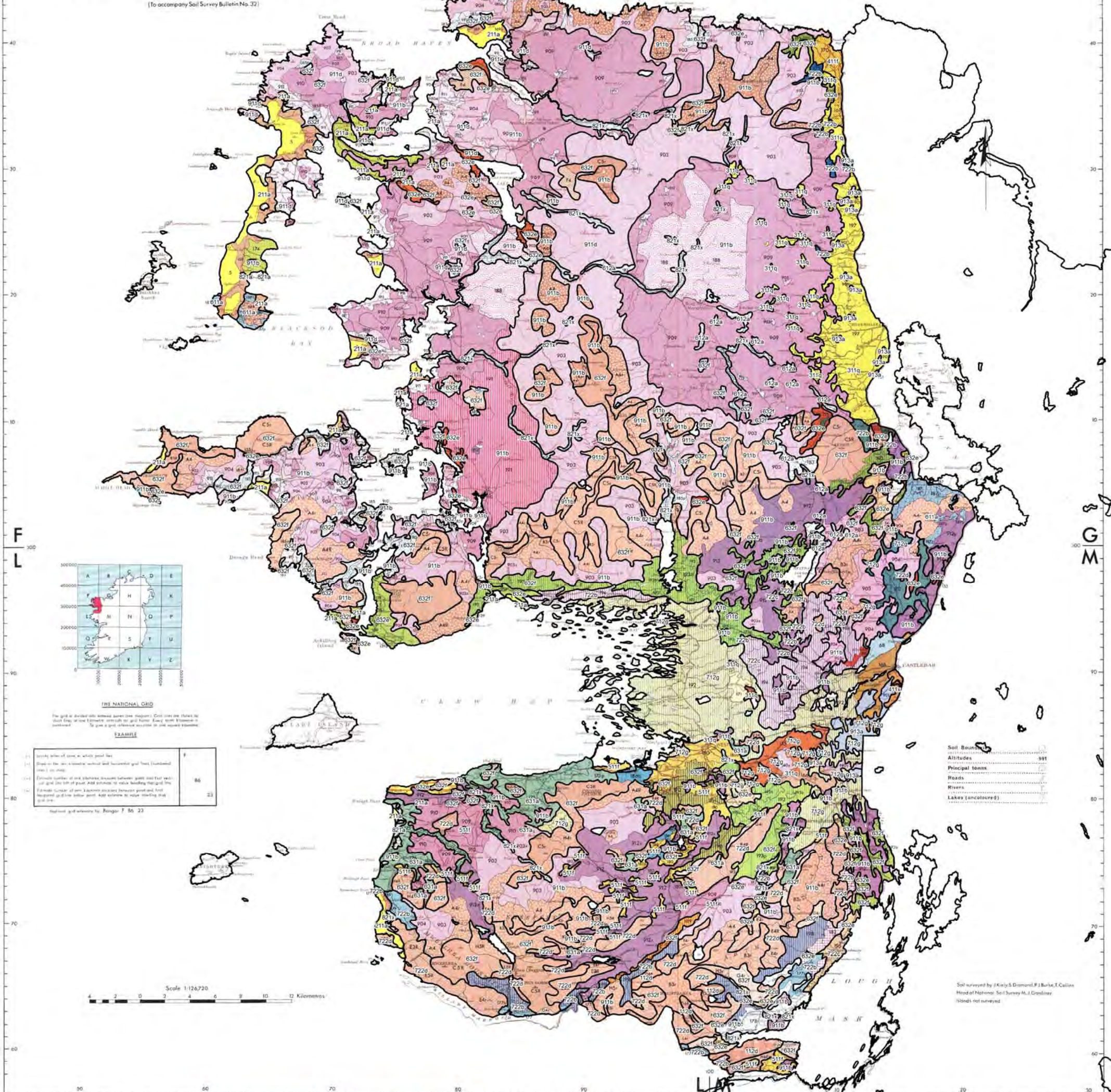
Co. West Mayo

Rationalised Soil Legend for West Mayo (Mar 2011)

ISIS_Subgp_cod	Association_cod	Association_Name	Description	Ancillary1_cod	Ancillary1_name	Ancillary2_cod	Ancillary2_name	Ancillary3_cod	Ancillary3_name	Ancillary4_cod	Ancillary4_name	Misc notes	Rationalisation decisions
112	112d	Knockeyon_2	Loamy over lithoskeletal sandstone		Rock	911	Aughty						
211	211a	Seafield	Sandy stoneless drift (Windblown)	211	Seafield	311	Dooyork	721?	Belmullet				Dooyork series occurs along the edge of sand dunes
311	311q	New (cLy, Rk-LIM)	Coarse loamy over limestone bedrock	213	Burren	311	cLy DR-LIM	213	Crush	513	Crossmolina	UN65	Predominantly Kinvarra series found in West Mayo (not to be confused with national legend) - coarse loamy DR-LIM (should be lead series in association, but no current associaiton fits?)
411	411x	Elton	Fine loamy drift with limestones	321	Baggotstown	711	Kilrush	822	Camoge	411	Patrickswell		
411	411f	Dunboyne	Fine loamy drift with siliceous stones	711	Kilrush	414	Rathowen	311	Ladestown				
511	511f	Cooga_2	Coarse loamy drift with siliceous stones	632	Killinga	911	Aughty						Letterbrock = Killinga?
611	611a	Black Rock Mountain	Coarse loamy over gneiss and schist bedrock	611	Stonepark	112	Unnamed lithosol	911	Aughty	Rk	Rock		
612	612a	Portlaw	Coarse loamy drift with siliceous stones	513	Borrisoleigh	513	Knockboy	611	Ballycondon				
631	631a	Killadoon	Loamy drift with siliceous stones	513	Knockboy	511	cooga	911	Aughty				
632	632e	Killinga	Loamy drift with siliceous stones	511	Ross Carbery	911	Aughty	511	Cooga	513	Knockboy		Knockboy added to list of ancillaries
632	632f	Drumsleed	Sandy drift with siliceous stones	722	Puckane	911	Aughty	632	Killinga	113	Bantry?		
712	712g	Gortaclareen_3	Fine loamy drift with siliceous stones	414	Crosstown	312	Castlebar						
721	722b	Puckane_1	Coarse loamy drift with siliceous stones	721	Kilpierce	712	Gortaclareen	911	Allen				
722	722c	Puckane_2	Coarse loamy drift with siliceous stones	112	Knockeyon	311	Clashmore	513	Knockboy				Doonglara does not exist in the national series list. Knockboy replaces Doonglara in earlier legend for West Mayo
722	722d	Slieve Bloom	Loamy drift with siliceous stones (Upland)	632	Knockastanna	511	Cooga	911	Aughty	722	Bawnrush		
821	821a	Kilmannock	Silty estuarine alluvium										used for tidal marsh areas
821	821x	River Burren	Variable texture river alluvium										Used to highlight all areas of alluvium; use 820
911	911b	Aughty_1	Peat (Blanket Bog)	913	Aughty cut-over	913	Turbary						
911	911d	Aughty_2	Peat (Blanket Bog)	632	Drumsleed (peaty phase)	113	Bantry	913	Aughty cut-over				in West Mayo, the 632 is Drumsleed peaty phase
913	913a	Turbary	Peat (Cut-over)	911	Allen	913	Gortnamona	912	Garynamona	913	Aughty cut-over		
Red: new associations													

Soil Map of West Mayo

(To accompany Soil Survey Bulletin No. 32)



THE NATIONAL GRID

The grid is divided into squares, each one kilometre (0.625 mile) on a side. Each square is further divided into four smaller squares, each one quarter of a kilometre (0.156 mile) on a side. The grid is numbered 1 to 25 across the top and 1 to 25 down the side. The letters A to Z are used to label the squares. The grid is shown on the map to help locate specific areas.

EXAMPLE

Soil Series	Soil Series	Soil Series
140y	166	167
Burren Very Rocky Phase	Aille	Ballyglass
% Total Land Area	0.14	0.16
Hectares	411	476

Scale 1:126,720

0 2 4 6 8 10 12 Kilometres

Soil Boundaries
Principal Towns
Rivers
Lakes (uncontoured)

Soil surveyed by J. Kelly, S. Diamond, P. J. Burke, T. Collins
Head of National Soil Survey M. J. Crossland
Islands not surveyed

Great Soil Group	Brown Earth	Grey-Brown Podzolic	Gley
Soil Series	140y Burren Very Rocky Phase	166 Aille	167 Ballyglass
% Total Land Area	0.14	0.16	0.17
Hectares	411	476	494

* Figures out of sequence refer to soils already mapped in other counties

Great Soil Group	Dry Podzol	Wet Podzol
Soil Series	179 Acony	180 Drummin
% Total Land Area	0.12	0.77
Hectares	356	2,228

Great Soil Group	Blanket Peat	Raised Bog
Soil Series	903 Aughy	904 Aughy
% Total Land Area	16.32	0.46
Hectares	46,992	1,327

Great Soil Group	Complexes
Soil Series	188 Bellaconnick-Glenamoy
% Total Land Area	2.83
Hectares	8,173

Great Soil Group	Miscellaneous Land Units
Soil Series	3 Alluvium
% Total Land Area	1.22
Hectares	3,522

Great Soil Group	Hill and Mountain Soil Associations
Soil Series	189 Drummin
% Total Land Area	7.53
Hectares	21,683

Co. Westmeath

Rationalised Soil Legend for Counties Meath and Westmeath May 2010

National_Association	County_Association	Association_Name	Substrate_type	Irish Map No	Publication	Representative Profile	Avery_subgroup_cod	Avery_series	Ancillary1_code	Ancillary1_name	Ancillary2_code	Ancillary2_name	Ancillary3_code	Ancillary3_name	Ancillary4_code	Ancillary4_name	MINORS_code	MINORS_name	Comment	notes
724a	724A	Ballyshear	Fine loamy drift with limestones	201	Meath Westmeath	p121 p80			724	Ballintemple	723	Mylerstown								
821c		Feale	Fine loamy river alluvium	82	Westmeath	p130-1 p153	811	Enborne	821	Boyne		821	Vicarstown	922	Banagher					
821e	8 21d	Boyne	Silty river alluvium	223	Meath	p132-5 p154-5	811	Conway	822	unnamed (cLy river alluvium)		811	Clohamon	311	UNnamed (fLy/non-calc gravel)				Boyne alluvium complex need to find soils/soil names for 822 ans 311 components;	
822f	8 22a	Camoge	Clayey river alluvium	63	Meath Weatmeath	p127 p86	851	Dosthill non red var	822	Coolfin		822	unnamed (Coarse loamy over calc gravel)	813	Miltownpass				851 ancillary soils need completing	also Polloagh soils in Laois p192 wmeath profile p79 Miltownpass
824a		Drombanny	Carbonatic-loamy lake marl	67	Westmeath	p88	373	Brimpton var	823	Dunsany (Meath p129,152)		212	Carney							
911a		Allen	Peat	900	Meath Weatmeath	p139 p90-1	1011	Longmoss	913	Turbary		922	Banagher	822	Camoge	813	Miltownpass		Raw peat- raised bog in lowland (oligotrophic)	
913a		Turbary	Peat	914						911	Allen		913	Gortnamona	912	Garynamona		Raw peat cut over (upland)		
922a		Banagher	Peat	905	Meath Weatmeath	p140 p80	1023	Blackland	913	Turbary		911	Allen						Earthy eutrophic lowland Fen peat	
914a		Clonsast	Peat	907															industrial peat - milled and machined	
			Representative Profiles: page numbers refer to two publications:																	
								Meath - Finch, T.F., Gardiner, M.J., Comey, A. & Radford, T. (1983). Soils of Co. Meath. Soil Survey Bulletin No.37, 162pp, Dublin												
								Westmeath - Finch, T.F., Gardiner, M.J. (1977). Soils of Co. Westmeath. Soil Survey Bulletin No.37, 100pp, Dublin												

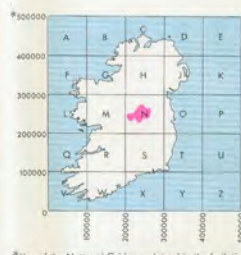
Rationalised Soil Legend for Counties Meath and Westmeath May 2010

National_Association	County_Association	Association_Name	Substrate_Type	Irish Map No	Publication	Representative Profile	Avery_subgroup_cod	Avery_series	Ancillary1_code	Ancillary1_name	Ancillary2_code	Ancillary2_name	Ancillary3_code	Ancillary3_name	Ancillary4_code	Ancillary4_name	MINORS_code	MINORS_name	Comment	notes
112c	112a	Knockeyon_1	Loamy lithoskeletal sandstone	204	Meath	p96-7	311	Revidge	632	Forth Commons								includes Slieveagh		
213a	211b	Burren	Fine loamy over limestone bedrock	140	Meath Leitrim	p103,148 p70	341	Marian?		Rock	112	Rineama	321	Ballincurra (Meath p100,147; Westmeath p74)				Include rocky phase with up to 25% bare rock; Co Clare has rocky phases; no Ballincurra at Leitrim	change to 213 as humose	
311b	311c	Kill_1	fine loamy drift with igneous & metamorphic stones	44sy	Meath	p101-2 p147	541	East Keswick	311	Kill lithic phase	313	Carrigogunnel						Derk shaley phase; Co Clare- Derk in felsite drift	Includes Derk shaley phase; Derk rationalised to Kill	
311c	311G	Clashmore_1	Coarse loamy drift with siliceous stones	216			541	Wick	312	Broadway	722	Puckane						rationalised with other Wick associations Old Ross, Knocknaskheha 1 and 2 and Kilfergus includes gleyc BE (Broadway) and 722 Puckane	A poor match - area of coarse outwash mixed with peaty soils, may have to re-assign - JAH: Finnea BE = Clashmore, Finnea BPodzolic= Cooga	
311e	311b	Kells	Coarse loamy drift over hard shale	217	Meath	p102,148	541	Denbigh cly var	513	Rathkenny								Gley soils in valleys? maybe Street a minor component (small areas lumped during rationalisation). Also Ew on drumlins	also includes Keeloge in carlow	
411a	311q	Ladestown	Fine loamy drift over calcareous gravel	199 & 211	Meath Westmeath	p103 p75	541		414	Rathowen	922	Banagher						Unit-> 411a, identified as a separate association only in Meath & Westmeath		
321a	321a	Baggotstown	coarse drift over calcareous gravel	42	Meath Westmeath Tipperary	p98,147 p73 p95	5.11	Horseheath	3 21	UN05, fLy/calcGR	213	Crush						Badsey is Fly var of Baggotstown- modal profile = Tipp p95 - needs a name. This unit covers Baggotstown and Baggotstown-Crush units	Found on esker and moraine features. Crush found on the kame crests, Baggotstown elsewhere also includes some Patrickswell	
411a	411b	Patrickswell_1	loamy drift with limestones	60	Meath Westmeath	p111,150 p67,68	571	Ludford and Horseheath	321	Baggotstown (Meath)	311	Ladestown	411	Elton				Incorporate bouldery phase (Tipperary)?	well drained patrickswell unit; redefined texture as loamy; horseheath anc1 now in lead series	
411c	411B	Patrickswell_3	loamy drift with limestones	60	Meath	p112,150	571	Ludford and Horseheath	723	Myerstown	411	Patrickswell lithic phase	922	Banagher				wetter Patrickswell unit Myerstown changed from 711 to 723	Undulating 60-120m. 2deg slopes	
411f	411h	Dunboyne	Fly drift with siliceous stones	218, 218sy	Meath	p104,105, 148;p106- 8 p148- 9	571	Ludford	711	Kilrush	414	Rathowen	311	Ladestown				Map says limestone till; text says Irish sea till (calc) intermixed with local limestone tills; Quat map says Shale enriched compact till of Irish Sea provenance; to match adjacent counties unit now described as 'drift with limestones' -> Patrickswell	411i-m -> 411f; 411n Clooncarine -> 411f; 411p Ballynamona -> 411f; 411e Graceswood->411f	
411x		Elton_1	Fine loamy drift with limestones	59	Meath Westmeath	p109,149 p65	571	Ludford and Horseheath												
414b		Rathowen1	Fine loamy drift with limestones	200	Meath	p113-15 p150-1	572	Bishampton 1st var	311	Ladestown	711	Kilrush						includes RCP 414a, c and d		
414d		Fethard	fine loamy drift with siliceous stones	200c			572	Bishampton	721	Ballinruan	414	Rathowen						Ballinruan now rationalised to Kilperce	This now includes Rathowen cherty phase	
513b	513a	Rathkenny	Fly drift with siliceous stones	219	Meath	p116-17 p151	612	Meline (hu var)	311	Kells	511	unnamed cly/sst						merge 5.13a and b	includes RCP 513b	
711b		Kilrush	Fly drift with siliceous stones	220			713	Brickfield	712	Gortaclareen	922	Banagher	311	Ladestown				see notes for soils now classified as Kilrush.	This unit now used for Ashbourne (shaley phase) on Meath and Westmeath. Ashbourne has gone into drift with limestones ie Straffan.	
711d		Straffan	Fly drift with limestones	220sy			711	Holderness	723	Myerstown	411	Elton						no profile descriptions. Straffan 65% (+10%), 10% Myerstown, Elton 10%	This now includes Ashbourne	
712c		Howardstown_1	Clayey limestone drift	70	Meath	p122-153	7 12	Roddlesworth 1st var	724	Ballyshear	411	Patrickswell						includes all howardstown (inc 712 beta) and Sawyerstown (Kildare)		
723a		Myerstown	loamy drift with limestones	129	Westmeath	p83	831	Quordon 1st var/Wigton Moor 1st var	911	Allen	411	Patrickswell						Niipp Wmeath Meath are ZL/ZCL adjacent to cutover peat	see notes for rationalised soils	

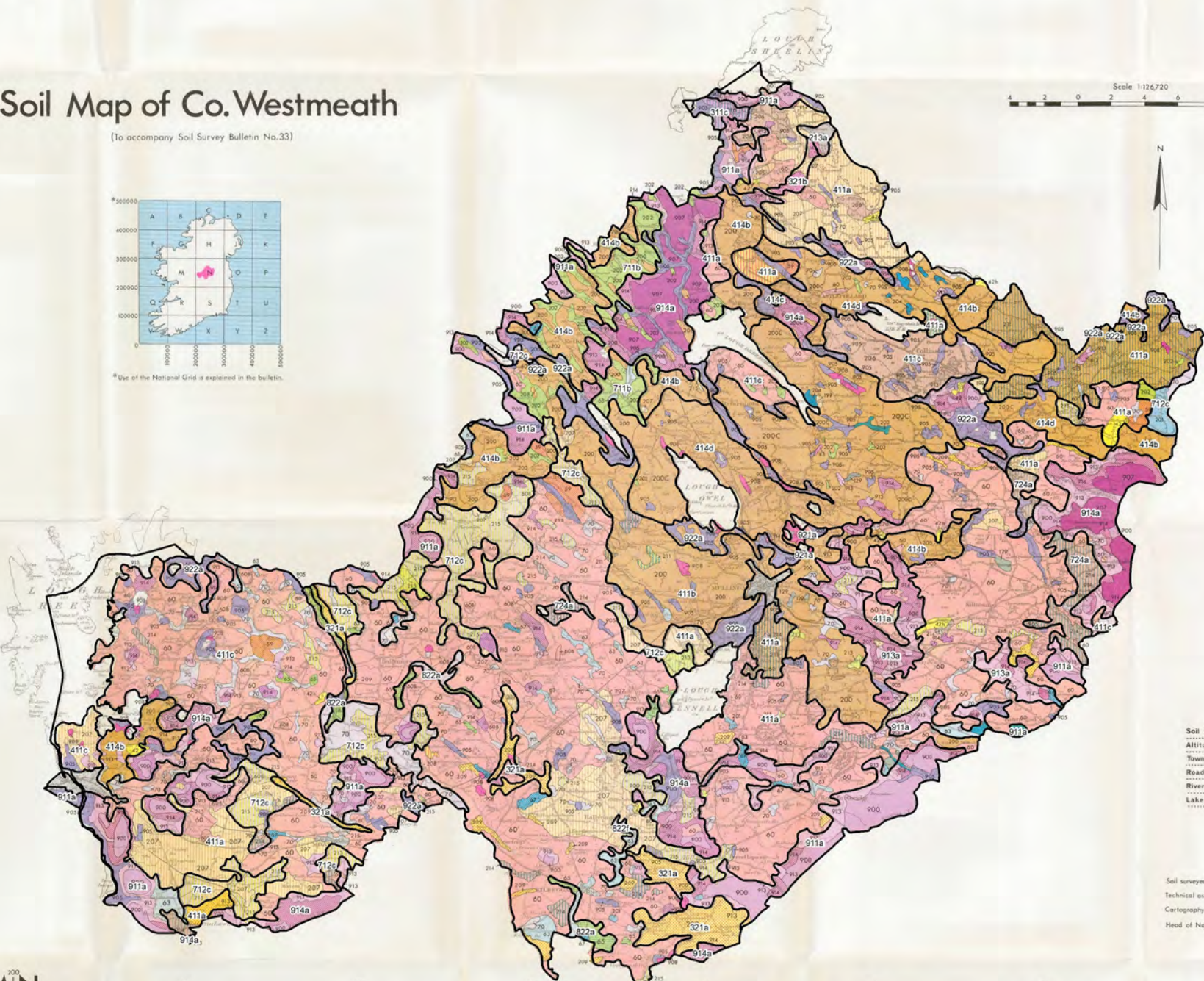
NATIONAL SOIL SURVEY OF IRELAND

Soil Map of Co. Westmeath

(To accompany Soil Survey Bulletin No.33)



*Use of the National Grid is explained in the bulletin.



Soil Boundaries
Altitudes
Towns
Roads
Rivers
Lakes (uncoloured)

Soil surveyed by T.F. Fitch
Technical assistance: T. Martin, A. Coney and T. Rodford.
Cartography: A. Cuddihy
Head of National Soil Survey M. J. Gardiner

Great Soil Group	Rendzina	Brown Earth				Grey Brown Podzolic						Gley						Regosol	Lithosol
Soil Series	140	43	42	199	90	59	60	60B	200	200C	70	129	201	202	63	65	67	203	204
Parent Material	Burren	Ballincurra	Baginbun	Ladestown	Martinstown	Elton	Patrickswell	Patrickswell Bouldery Phase	Rathoven	Rathoven Cherty Phase	Howardstown	Mylerstown	Ballyshear	Street	Canage	Coolalough	Drombaney	Milltownpass	Knockkeyon
% Total Land Area	0.11	0.13	0.31	0.28	0.05	0.53	30.36	0.64	9.29	9.62	2.50	0.16	0.19	2.07	1.03	0.57	0.24	0.11	0.08
Hectares	186	219	546	494	85	934	53,200	1,120	16,277	16,842	4,383	275	336	3,620	1,795	1,001	411	194	144

*Major Urban areas equal 0.47% of 830 hectares approx. **Suffix h equals hummocky phase of Baginbun Series

Raised Bog				Fen Peat				Peat Complexes		Soil Complexes												Land Unit	
Soil Series	900	913	908	905	907	914	907	914	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219
Parent Material	Allen	Gortnamona	Pollardstown	Banagher	Closast	Turbary	Closast	Turbary	Patrickswell, Ladestown	Patrickswell, Rathoven	Patrickswell, Baginbun	Patrickswell, Baginbun, Ballyshear	Baginbun, Cully	Ladestown, Rathoven	Ladestown, Rathoven, Banagher	Rathoven, Ladestown	Howardstown, Baginbun	Ballyshear, Patrickswell	Howardstown, Patrickswell	Finnea, Banagher, Allen	Bouldery, Lake Alluvium		
% Total Land Area	3.64	4.31	0.36	5.98	1.94	5.32	1.94	5.32	0.04	1.65	5.97	0.22	2.06	0.07	2.65	0.31	0.28	1.47	4.82	0.14	0.03		
Hectares	6,371	7,561	621	10,466	3,399	9,316	3,399	9,316	69	2,899	10,461	391	3,603	121	4,650	552	486	2,564	8,442	251	49		

Co. Wexford

Rationalised Soil Legend for County Wexford

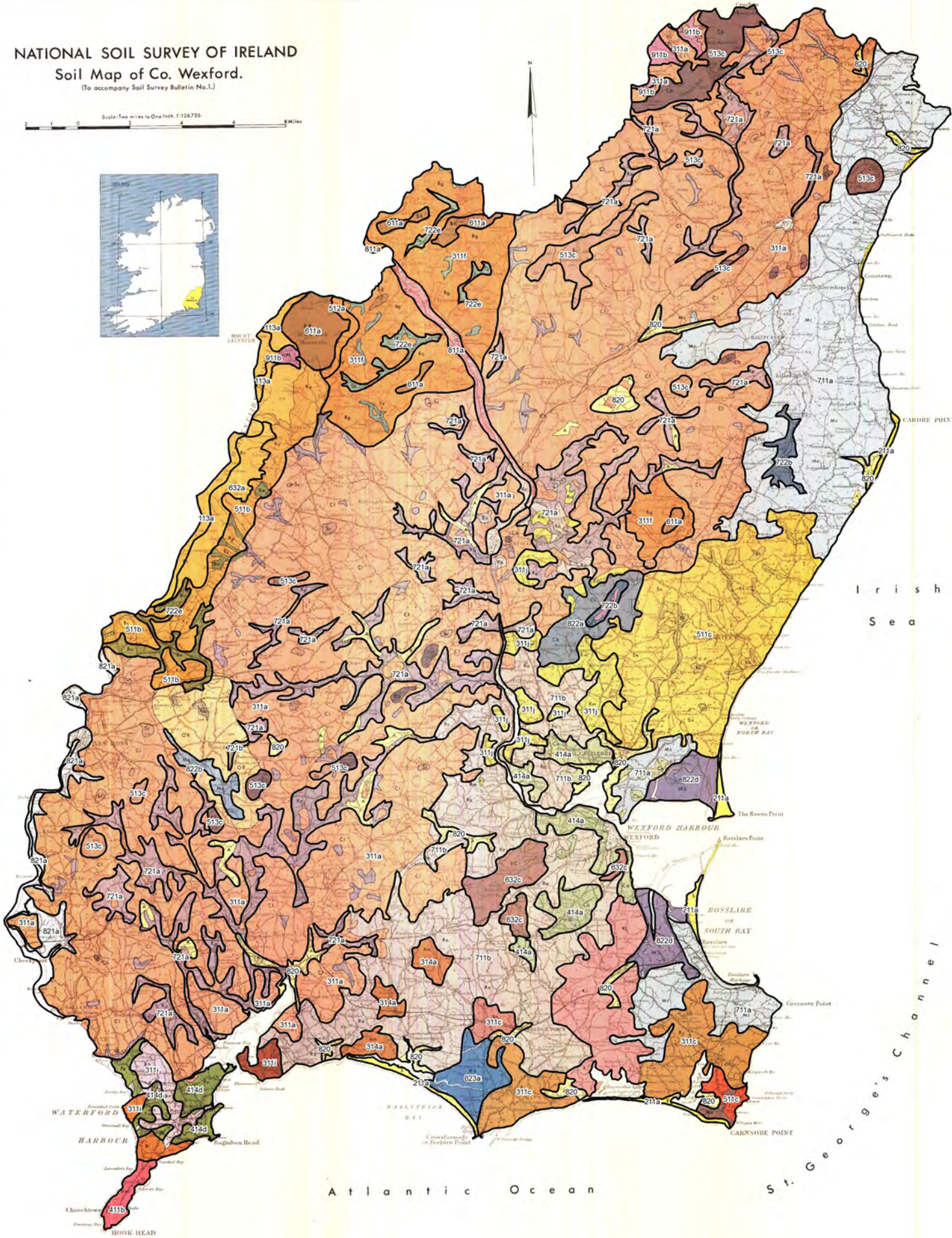
National_Association	rationalisation_notes	ISIS_Subgp_cod	Association_cod	Association_Name	Substrate_type	Lead_series	County_Map_Key	Publication	Representative_Profile	Avery_subgroup_cod	Avery_series	Text_Uppr	Text_Lwr	Text_class_Uppr	Text_class_Lwr	Texture_comment	Where_found	Ancillary1_cod	Ancillary1_name	Ancillary2_cod	Ancillary2_name	Ancillary3_cod	Ancillary3_name	Association_comment	Landscape
511c	include in Screen assocn 511c	7.21/721A	721A	Balyknockan	drift, stoneless	Balyknockan	Bk	Wexford	p59	821	Formby	Sdy	Sdy	LS	LS	end moraine sands	Wexford							Sandy textures. Associated with Screen in larger depressional areas	kame and kettle end moranic topography, depressional areas
721a		7.21/721B	721B	Kilpierce	drift with siliceous stones	Kilpierce	Kp	Wexford	p43	831	Wilton Moor var	FLy	FLy	CL	L		Wexford	721	Unnamed 10 fly lithoskeletal SHL	711	Kilrush			groundwater gleys some on drift; some on shale bedrock. Some associated silty gleys on drift	low lying depressions within Clonroche association
721b	also include some Broadway	7.21/721C	721C	Knockroe	drift with siliceous stones	Knockroe	Ko	Wexford	p56	831	Quorndon var	cLy	Sdy	SL-L	S		Wexford							occurs in Old Ross association in depressions	depressions within old ross association
722b	Oulartleigh = Puckane	7.22/722A	722A	Oulartleigh1	drift with siliceous stones	Oulartleigh	O1	Wexford	p63	8.71	Fordham	peat	cLy	Peat	SL	peat to 27cm; loam; gravely at base	Wexford								
722b	Oulartleigh = Puckane	7.22/722B	722B	Oulartleigh2	drift with siliceous stones	Oulartleigh	O2	Wexford	p63	8.71	Fordham	peat	cLy	Peat	SL	peat to 27cm; loam; gravely at base	Wexford	9.21	Basin Peat					peat present (< 70cm thickness) in base of depression possibly rationalise with O1	depressions
822b	definition = 822 fly lake alluvium	7.22/722C	722C	Millquarter	drift, stoneless	Millquarter	Mq	Wexford	p62	8.71	unnamed	fly	fly	ZCL	ZCL	fine silty throughout, coarse sand at base >60 cm	Wexford								
722e		7.22/722D	722D	Balywilliam	drift, igneous and metamorphic stones	Balywilliam	Bw	Wexford	p52	871	Fordham	cLy	cLy	SL	SL	coarse sandy loam	Wexford, Carlow							occurs in association with Kitleary; in depressions soil is a GWG; on more favourably sloping land soils are SWG	depressions and less favourably sloping land
722e	Templeshanbo = Balywilliam	7.22/722E	722E	Templeshanbo	drift with igneous and metamorphic stones	Templeshanbo	Te	Wexford	p36	831	Pinsley var?	Czy	cLy	ZL	SL		Wexford							on mica schist rather than shales of ballindagban series but ballindagban described on schist in Wexford. Silty texture suggests some alluvial input	low lying areas within Ballindagban association - seem to follow alluvial units
		7.24/724A	724A	Ballinruan	drift with siliceous stones	Ballinruan	Bn	Wexford	p46	841	Shabbington	fly	fly	L	L	textural B present	Wexford	4.14	Felthard					this association wether phase of Felthard and a better drained than Ballinruan in the latter areas	Felthard on more favourable slopes and a better drained than Ballinruan in the latter areas
822a	define as 824 silty lake alluvium. Include as ancillary in 822a Coolalough assocn	7.25/725A	725A	Coolanick	drift, stoneless	Coolanick	Ck	Wexford	p63	8.72	Gotham Moor var	fly	Cey	CL	CL	variable texture	Wexford							likely to be calcareous within 40cm- may not be humose - also occur within Macamore association	depressions
811a	define as 811 cLy River alluvium	8.12/812A	812A	Clohamon	alluvium, fluvial	Clohamon	Cn	Wexford	p65/Carlo w p166	561	Tavy	cLy	cLy	SL-L	SL-L	gravels at depth	Wexford, Carlow							only mapped in proximity to river Slaney described as brn podzolic in Wexford but erratum in Carlow suggests Fe enrichment is not pedogenic. Brn alluvial soils	river gravels adjacent to River Slaney
822d	define as 822	8.21/821A	821A	Wexford Slob	Alluvium, estuarine	Wexford Slob	WS	Wexford	p67	811	Tanvats	fly	fly	ZCL	ZL	silty clay loam, high silt content throughout profile; variant has tex contrasting layers	Wexford	8.21	Wexford Slob variant					reclaimed estuarine areas; predominately silty; some profiles with fly Sdy, Cey	low flat drained estuary
823a	define as 823	8.21/821B	821B	Kilmore Slob	Alluvium, estuarine	Kilmore Slob	KS	Wexford	p66	811	Gingley var	cLy	Sdy	SL	L.S.S	cLy Sdy; variant has tex contrasting layers	Wexford	8.11	Kilmore Slob variant					reclaimed estuarine areas; predominately cLy Sdy, some profiles with cLy fly Cey	drained estuary, flat depressional areas; variant tends to occur in vicinity of the main drainage channels
821a		8.21/821B	821B	Kilmannock	alluvium, estuarine	Kilmannock	Kk	Wexford	p65	811	Tanvats	fly	fly	ZL	ZL		Wexford, Carlow (v small extent)								low lying flat areas in estuarine creeks along River Suir/ Bannow. However, in upper reaches substrate is fluvial material rather than estuarine
911b	define as Aughy	9.1/911A	911A	Hill Peat	Peat, Blanket	Hill Peat	HP1	Wexford	p77			peat	peat	peat	peat		Wexford, Carlow							peat thickness 30cm or more	hill top Blackstairs mountain
922a	v sm extents included in wet lowland assocns	9.21/921A	921A	Basin Peat	Peat, Fen	Basin Peat	Pt	Wexford	p77	10.24	Adventurers	peat	peat	peat	peat		Wexford							peat thickness <70 cm	depressions
820	undefined alluvium			Alluvium	Alluvium, undifferentiated	Alluvium	A	Wexford	p61															river and lake alluvium composition related to local parent material; some river alluviums have been incorporated into adjacent poorly drained series through which the river passes	estuarine, river and lake depressional areas
211a	dune sand		S	Wind blown sand	drift, stoneless	Wind blown sand	S	Wexford																	coastal dunes
	Representative Profiles; page numbers refer to : Gardiner, M.J. & Ryan, P. (1964). Soils of Co. Wexford. Soil Survey Bulletin No. 1, 171pp, Dublin.																								

Rationalised Soil Legend for County Wexford

National_Association	rationalisation_notes	Association_cod	Association_Name	Substrate_Type	Lead_series	County_Map_Key	Publication	Representative_Profile	Avery_subgroup_cod	Avery_series	Text_Uppr	Text_Lwr	Text_class_Uppr	Text_class_lwr	Texture_comment	Where found	Ancillary1_cod	Ancillary1_name	Ancillary2_cod	Ancillary2_name	Ancillary3_cod	Ancillary3_name	Association_comment	Landscape
113a			Carrigvahanagh	Peat lithoskeletal igneous rock	Carrigvahanagh				311 Bangor	PT	PT				Histic lithosol peaty	Carlow	Rk	Rock	632 Blackstairs				outcropping rock covers 50-80% of the area. Soils are v shallow 3-25cm	moderately steep to steep slopes at high elevations on blackstairs
311a	Baldwinstown = Clonroche	311A	Baldwinstown	drift with siliceous stones	Baldwinstown	Ba	Wexford	p34		541 East Keswick	fly	fly	L SL	L	slightly heavier texture in B horizon but not sufficient to be defined as a Bt	Wexford							Undulating topography	
include in 311c	now classified as a 312	311B	Broadway	drift with siliceous stones	Broadway	By	Wexford	p39		541 Wick	cly	cly	SL	SL	slight clay increase at 40-60cm but not sufficient for a Bt. Blown sands may have contributed to the coarse textured nature of the surface horizons	Wexford							flatish topography	
311j	Bannow now part of Broomhill assocn	311C	Broomhill	Bedrock, sandstone	Broomhill	Bo	Wexford	p39		541 Neath	fly	cly	SCL	SL	loam to sandy clay loam	Wexford							reddish? 5VR 3/3; brassy sandstone over ORS bedrock - but PM described as drift. AC topography on hook head promontory at 38cm	gently rolling to undulating topography on hook head promontory
311a		311D	Clonroche	drift with siliceous stones	Clonroche	Cl	Wexford	p43		541 East Keswick	fly	fly	LCL	L	loam throughout	Wexford	3.11 Ballylanders						clonroche over drift; unnamed over shale bedrock (Ballylanders)	easy rolling topography
311j		311E	Randallsmill	drift, stoneless	Randallsmill	Rm	Wexford	p60		551 Wilsford	cly	sdly	SL	S	sandy throughout	Wexford							western edge of end moraine sands	less undulating than screen- 'easy' topography
311c	Old Ross= Clashmore	311F	Old Ross	drift with siliceous stones	Old Ross	OR	Wexford	p55		541 Wick	cly	cly	SL	SL	coarse sandy loam throughout- could rationalise with Randallsmill but Rm sandy at base	Wexford							Only appears in vicinity of Old Ross. intermediate between clonroche and Killealy - but only on basis of PM differences- these are seen in the textures (shale vs granite)	gently sloping
311c	Killick = Clashmore	311G	Killick	drift with siliceous stones	Killick	Kl	Wexford	p50		541 Wick	cly	cly	SL	SL	stones (rounded in profile) becomes gravelly at depth	Wexford							could be rationalised with other Wick associations	gently undulating
311j		311H	Broomhill	bedrock, sandstone	Broomhill	Bl	Wexford	p39		541 Neath	fly	cly	L-SCL	SL- SCL	sea sand has been added	Wexford							PM described as drift but bedrock at 50cm- over bedrock as drift is thin; on hook head promontory	gently undulating rolling topography
311f	Ballindaggan = Ballylanders	313A	Ballindaggan	bedrock, shale/slate (schist in Wexford)	Ballindaggan	Bg	Wexford	p104 Carlow		541 Denbigh var	fly	cly	L	SL		Wexford, Carlow							update in Carlow memoir brn earth rather than Brn podzolic	mod to steep slopes, moderately high elevation in Blackstairs mountain
314a	Ambrosetown = Moord	314A	Ambrosetown	drift with siliceous stones	Ambrosetown	Am	Wexford	p33		542 Nerows	fly	fly	LCL	L, CL		Wexford								slightly elevated positions
411a	Hook Head = Patrickswell	411A	Hook Head	drift with limestones	Hook Head	HH	Wexford	p49		571 Wessensham var	fly	Zy	L	L?	Strong argillic; B/C (65-90cm) is silty	Wexford							on Hook Head promontory- thin drift over limestone	flatish topography
414d		414A	Felthard	drift with siliceous stones	Felthard	Fe	Wexford	p46		572 Burlingham	fly	fly	L, CL	L, CL	textural B present	Wexford	7.24 Ballinruan							gently undulating, occur in NE portion of Hook Head promontory; Felthard on more favourable slopes and a better drained than Ballinruan in the flatter areas
414a		414B	Crosstown	drift with siliceous stones	Crosstown	Co	Wexford	p68		572 Bishampton	cly	fly	SL	CL	loess influence; clay skins in Bt	Wexford	4.12 Crossabeg	4.12	Johnstown				Crosstown, Crossabeg and Johnstown are principal series, variants lesser extent; highly spatially variable unit	end moranic and loess influence
511c	ancillary in Screen assocn 511c: Nethertown = Carne	511A	Carne	drift, stoneless	Carne	Ca	Wexford	p40		611 Garth var	cly	cly	SL	SL		Wexford	5.11 Nethertown						stoneless outwash sands, Nethertown clay/Sdy	flat to gently undulating
511c	include Carne as ancillary	511B	Screen	drift, stoneless	Screen	Sn	Wexford	p58		611 Brownrigg	sdly	sdly	S	S	sandy throughout, end moraine sands	Wexford	7.21 Ballyknockan	6.12	Glenbough				Sandy textures: Screen on undulating land, ballyknockan in depressions, Glenbough on elevated and steeply sloping areas	mod-steeply rolling to easy, kame and kettle end moranic topography
513c	Slievecollia = Bormisoleigh, also include ranker/shale	511C	Slievecollia	bedrock, shale/slate	Slievecollia	Sc	Wexford	p44		611 Manod	fly	fly	CL	CL	often stony in shallower profiles	Wexford							shallow soils 50-70cm to bedrock possibly some shallower rankers on steeper slopes	hillsops and steeper slopes within Clonroche association
511b		511D	Killealy	drift, igneous and metamorphic stones	Killealy	Ky	Wexford	p51		611 Brownrigg var	cly	cly	SL-LS	S	coarse SL/S	Wexford, Carlow							occurs in lower elevation areas associated with Blackstairs where there is influence of granite drift	easy rolling to moderately steep
611a	also include Stonepark	611A	Black Rock Mountain	bedrock, gneiss and schist	Black Rock Mountain	BR	Wexford	p37		633 Portway var	cly	cly	L	L		Wexford, Carlow	1.12 Knockshipgowna	1.11	Unnamed_14				hiltop and steep slopes	
513c	now included in 513c Bormisoleigh assocn	612A	Carrickbyme	bedrock, basic igneous	Carrickbyme	Cb	Wexford	p71		6.31 Moorgate var	fly	cly	L	L	organic top	Wexford	5.11 Slievecollia	1.12	raw skeletal soil		outcropping rock		PM mixed shale (Slievecollia) and acid and basic igneous bedrock (Carrickbyme) raw skeletal soils is 311 Bangor	elevated protrusions
632c	also include Seefin	632A	Forth Commons	Bedrock, sandstone	Forth Commons	FC	Wexford	p47		652 Hambleton	cly	cly	L	L	higher clay content in B below ironpan	Wexford		outcropping rock					shallow (< 60cm) stony soils frequently interrupted by rock outcrops	rolling, Forth Mountain
632a		632B	Blackstairs	bedrock, acid igneous	Blackstairs	Bs	Wexford	p52		651 Hexworthy var	sdly	sdly	LS	LS	coarse sand	Wexford, Carlow	1.12 Carrigvahanagh			outcropping rock			shallow podzols; probably with humic rankers and outcropping rock in the association (Carrigvahanagh series across the border in Carrigvahanagh on steeper slopes)	moderately steep slopes, higher elevation (Blackstairs mountain); Carrigvahanagh on steeper slopes
711a		711A	Macamore1	drift with limestones	Macamore	Mc1	Wexford	p54		711 Beccies var	fly	C	SCL	C		Wexford	7.21 Kilpierce	7.11	Kilrush or Unnamed_09				although substrated described as lat drift- most profiles are non-calcareous (field observation)	flat or gently undulating east coast
	include Macamore in Crosstown	711B	Macamore2	drift with limestones	Macamore	Mc2	Wexford	p54		711 Beccies var	fly	C	SCL	C		Wexford	4.14 Crosstown	4.12	Crossabeg	4.12	Johnstown		rationalise Crossabeg with Johnstown	flat or gently undulating associated with Crosstown coarser unit which covers the Irish sea till
711b	Rathangan = Kilrush	711C	Rathangan	drift with siliceous stones	Rathangan	Ra	Wexford	p50		711 Pinder	cly	fly	L	L		Wexford								flat to rolling

NATIONAL SOIL SURVEY OF IRELAND
Soil Map of Co. Wexford.
(To accompany Soil Survey Bulletin No.1.)

Scale: Two miles to One Inch. 1:126,720.



SOILS DERIVED FROM	ASSOCIATION	SERIES				
		Freely Drained	Freely Drained below join	Imperfectly Drained	Partly Drained	Very Partly Drained
Glacial drift.	Drift of predominantly shale composition.	AMBROSETOWN	Ab			
	Drift of predominantly shale-limestone composition.	BALDWINSTOWN	Ba			
	Drift of predominantly sandstone composition.	BROOKHILL	Bt			
	Drift of predominantly shale-sandstone composition.	FETHARD		Fe	Bn	
	Drift of predominantly shale-granite composition.	OLD ROSS	OR		Ka	
	Mixed drift of shale, sandstone and Irish Sea Mud.	KATHANGAN			Ra	
	Drift of predominantly limestone composition.	HOOK HEAD	HH			
	Dense drift of Irish Sea origin. Calcareous.	MACANORE			Mc	
Country rocks and derived drift.	Mixed schist and drift of predominantly mica schist composition.	BALLINDAGHAN	Ba		Te	
	Mainly mica schist bedrock.		Ba			
	Shale and drift of predominantly shale composition.	CLOMBROCH	Cb		Kp	
	Mainly shale bedrock.		Sc			
	Quartzite and derived drift.	FORTH COMMONS	FC			
	Granite and drift of predominantly granite composition.	KILTEALY	Ky		Bw	
	Mainly granite bedrock.		Bk			
Mainly glacial outwash sands and gravels.	Glacial sands with shale drift admixture.	BANNOW	Ba			
	Glacial sands with slight granite influence.	CARNE	Ca			
	Glacial sands with more extensive granite influence.		Ma			
	Glacial sands with mixed drift admixture.	BROADWAY	By			
	Glacial sandy drift over granite. Calcareous.	KILLINICK	Ki			
	Glacial sands. Coarse textured.	SCREEN	Sn		Bk	
	Glacial sands. Fine textured.		Rm			
Marine lake and river sediments.	Estuarine alluvium. Coarse textured.	KILMORE SLOE			KS	
	Estuarine alluvium. Fine textured.	WEXFORD SLOE			WS	
	Fluvial and estuarine alluvium.	KILMANNICK			KL	
	Lake alluvium. Base rich.	COOLAKNICK			Ck	GI
	Lake alluvium. Base poor.	HILLQUARTER			Mq	
	River alluvium and terrace gravels.	CLOHAMON	Ca			

SOILS DERIVED FROM	COMPLEX	SERIES	DRAINAGE
Mixed drift deposits.	CROSSDOWN	Cd	Variable
Shales with mixed igneous rock outcrops.	CARRICKBERRY	Cb	Variable

PI

HP

A

S

Boon Foot

Pull Foot

Alluvium

Aspen Sand

Where soil boundaries and thus delineation is discontinued due to high incidence.

Soil surveyed by M. J. Gardiner, F.R.S.,
Head of National Soil Survey Project, Dublin.
Copies of this map and bulletin available from Publications
Section, An Fhionn Talair, 33, Mariner Rd., Dublin 4. Price 30p.

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Annex I

Terra Cognita in Ireland: Soil Series Map Units on County Maps - proportionate extent

SERIES	Area m ²	% Area within country	km2		SERIES	Area m ²	% Area within country	km2
Abbeyfeale	193481807.71	0.70	193.48		Elton	1591359153.77	5.741	1591.36
Abbeyfeale / Knockanimpaha	482003.49	0.00	0.48		Patrickswell	1528529352.30	5.514	1528.53
Abbeyfeale Non Peaty Phase	42417370.87	0.15	42.42		Clonroche	1149695213.12	4.147	1149.70
Abbeyfeale non-Peaty Phase	111127741.99	0.40	111.13		Aughty	1136427942.85	4.100	1136.43
Abbeyfeale Peaty Phase	2084615.00	0.01	2.08		Water	744579718.08	2.686	744.58
Abbeyfeale Sandy Phase	3312101.33	0.01	3.31		Kilrush	719167111.05	2.594	719.17
Abbeyfeale Undulating Phase	11157060.04	0.04	11.16		Howardstown	620222603.62	2.237	620.22
Acaun	1947747.50	0.01	1.95		Rathowen	491771644.24	1.774	491.77
Accony	3704693.10	0.01	3.70		Banagher	471138027.04	1.700	471.14
Aeolian Sands	11618460.93	0.04	11.62		Allen	402727715.47	1.453	402.73
Aglish	17663173.52	0.06	17.66		Fontstown	400411729.87	1.444	400.41
Ahaun	16470686.30	0.06	16.47		Ashbourne	400219661.78	1.444	400.22
Ahaun Rolling Phase	573057.63	0.00	0.57		Glenamoy	392793227.73	1.417	392.79
Aherlow	408079.94	0.00	0.41		Mylerstown	389396401.34	1.405	389.40
Aille	5107038.67	0.02	5.11		Aughty Cutover	306786832.65	1.107	306.79
Allen	402727715.47	1.45	402.73		Kells	277771944.06	1.002	277.77
Allen Cutover	65645025.24	0.24	65.65		Garvagh	270699342.21	0.977	270.70
Allenwood	32425843.49	0.12	32.43		Alluvium	264063776.49	0.953	264.06
Alluvial (Boyne Alluvium)	103855150.81	0.37	103.86		Dunboyne	239714137.53	0.865	239.71
Alluvium	264063776.49	0.95	264.06		Street	238048734.52	0.859	238.05
Ambrosetown	11290828.16	0.04	11.29		Patrickswell Baggotstown	237974757.57	0.858	237.97
Ardmore	7437919.25	0.03	7.44		Hill Peat	235792280.54	0.851	235.79
Ardrum Association	151657259.83	0.55	151.66		Patrickswell Baggotstown Elton	234278334.68	0.845	234.28
Ashbourne	400219661.78	1.44	400.22		Gortclareen	231229797.70	0.834	231.23
Ashbourne Shaley Phase	3231146.29	0.01	3.23		Borrisoleigh	221393871.59	0.799	221.39
Ashgrove Complex	27951913.97	0.10	27.95		Turbary	216619144.67	0.781	216.62
Athy	114141696.68	0.41	114.14		Milled Peat	215985943.18	0.779	215.99
Athy Complex	83276197.97	0.30	83.28		Straffan	214211094.56	0.773	214.21
Attyquinn Howardstown	13392066.89	0.05	13.39		Macamore	211358681.48	0.762	211.36
Aughty	1136427942.85	4.10	1136.43		Kellistown	208237569.01	0.751	208.24
Aughty + Turbary Complex Mountain	276074.02	0.00	0.28		Rathangan	204767309.47	0.739	204.77
Aughty Cutover	306786832.65	1.11	306.79		Ballylanders	202335853.58	0.730	202.34
Aughty Cutover Moderately Steep Phase	1364080.51	0.00	1.36		Borris	196072364.57	0.707	196.07
Aughty Cutover Peat	3186119.49	0.01	3.19		Abbeyfeale	193481807.71	0.698	193.48
Aughty Eroded Phase	1874355.21	0.01	1.87		Kill	192822147.35	0.696	192.82
Aughty Rocky Phase	13965743.79	0.05	13.97		Mountcollins	192553899.45	0.695	192.55
Aughty Shallow Phase	537578.56	0.00	0.54		Gortnamona	190512776.02	0.687	190.51
Aughty Slumping Phase	11233295.58	0.04	11.23		Knockboy	190209859.45	0.686	190.21
Baggotstown	78020805.22	0.28	78.02		Peaty Iron-Pan Podzols	189162849.95	0.682	189.16
Baggotstown / Elton	7786470.67	0.03	7.79		Kilpierce	170715491.47	0.616	170.72
Baggotstown + Mylerstown	1157923.59	0.00	1.16		Partickswell	169508359.69	0.611	169.51
Baggotstown Carlow	55513593.05	0.20	55.51		Ballinamore	165089091.98	0.596	165.09
Baggotstown Carlow + Mountrath	726805.93	0.00	0.73		Rathowen Cherty Phase	164120010.53	0.592	164.12
Baggotstown Crush	84476059.91	0.30	84.48		Camoge	163421985.01	0.590	163.42
Baggotstown Hummocky Phas	1687310.03	0.01	1.69		Drumkeeran	162917300.33	0.588	162.92
Baggotstown Patrickswell	32728073.28	0.12	32.73		Clashmore	157267420.78	0.567	157.27
Baldwinstown	4756366.79	0.02	4.76		Blanket Peat	153648528.36	0.554	153.65
Ballinabranagh	6187841.14	0.02	6.19		Banagher Deep Phase	152873967.96	0.551	152.87
Ballinagilkilly	2680869.14	0.01	2.68		Ardrum Association	151657259.83	0.547	151.66
Ballinakill	14169418.30	0.05	14.17		Puckane	151613322.87	0.547	151.61
Ballinamore	165089091.98	0.60	165.09		Burren Very Rocky Phase	144127516.20	0.520	144.13
Ballinamore - Allen	16170843.14	0.06	16.17		Puckane Slieveveagh	143642937.17	0.518	143.64
Ballincurra	48249530.79	0.17	48.25		Ladestown Rathowen Banagher	134857368.99	0.486	134.86
Ballindaggan	114443351.62	0.41	114.44		Shannon	130563051.94	0.471	130.56
Ballinruan	10510006.21	0.04	10.51		Gortclareen - Fahy	125208611.79	0.452	125.21
Ballinrush	3629485.39	0.01	3.63		Kilcommon	123558558.00	0.446	123.56
Ballintemple	43509083.29	0.16	43.51		Dungarvan	119958910.22	0.433	119.96
Ballintemple + Clonlisk	770359.08	0.00	0.77		Rineanna Complex	119887202.87	0.432	119.89
Ballintemple + Drombanny	606662.93	0.00	0.61		Owenmore	116832074.73	0.421	116.83
Ballintemple + Mylerstown	649428.00	0.00	0.65		Turbary Complex	116574466.74	0.421	116.57
Ballybrood	4052173.33	0.01	4.05		Ballindaggan	114443351.62	0.413	114.44
Ballycastle	5104842.54	0.02	5.10		Athy	114141696.68	0.412	114.14
Ballycondon	56220111.04	0.20	56.22		Burren Rocky Phase	112194014.34	0.405	112.19
Ballycondon Bouldery Phase	3013608.52	0.01	3.01		Abbeyfeale non-Peaty Phase	111127741.99	0.401	111.13
Ballycondon Moderately Steep Phase	6742896.82	0.02	6.74		Screen	108443315.40	0.391	108.44
Ballycondon Rocky Phase	213737.74	0.00	0.21		Alluvial (Boyne Alluvium)	103855150.81	0.375	103.86
Ballycondon Rolling Phase	2644507.16	0.01	2.64		Dunnstown	96810511.83	0.349	96.81
Ballycondon Steep Phase	406391.51	0.00	0.41		Kilfergus	96750642.12	0.349	96.75
Ballycondon Stony Phase	7055053.86	0.03	7.06		Peaty Gley and Peat	95259386.56	0.344	95.26
Ballycondon Very Rocky Phase	3637132.37	0.01	3.64		Howardstown Patrickswell	95044413.88	0.343	95.04
Ballydoole	21529133.25	0.08	21.53		Newport	93913064.71	0.339	93.91
Ballyglass	3654800.77	0.01	3.65		Stradbally	93404350.12	0.337	93.40
Ballyhaise - Corriga	47862496.31	0.17	47.86		Mortarstown	90687243.04	0.327	90.69
Ballyknock	3613581.27	0.01	3.61		Glenamoy Cutover	90162041.21	0.325	90.16
Ballyknockan	7865843.99	0.03	7.87		Clonsast Complex	88965763.49	0.321	88.97
Ballylanders	202335853.58	0.73	202.34		Gweesalia	88170513.22	0.318	88.17
Ballymacart	20287628.97	0.07	20.29		Cooga	87340865.91	0.315	87.34
Ballynabola	17231958.57	0.06	17.23		Baggotstown Crush	84476059.91	0.305	84.48
Ballynabola Peaty Phase	1814369.25	0.01	1.81		Athy Complex	83276197.97	0.300	83.28
Ballynalacken	36056044.32	0.13	36.06		Bellacorick - Glenamoy	81557935.52	0.294	81.56
Ballynalacken Knockshigowna	4555819.83	0.02	4.56		Glenamoy - Aughty	79407008.80	0.286	79.41
Ballynamona	5098853.75	0.02	5.10		Mountrath	78469599.62	0.283	78.47
Ballyscanlon	1199460.93	0.00	1.20		Burren Extremely Rocky Phase	78257298.63	0.282	78.26
Ballyshear	64114528.51	0.23	64.11		Burren Ballincurra	78204779.54	0.282	78.20
Ballyshear Patrickswell	40334226.42	0.15	40.33		Baggotstown	78020805.22	0.281	78.02
Ballytarsna	3675612.07	0.01	3.68		Dunboyne Shaley Phase	77658360.83	0.280	77.66
Ballyvorheen	10070232.23	0.04	10.07		Urban	75054902.82	0.271	75.05
Ballyvorheen / Ballincurra	904997.08	0.00	0.90		Kinvarra	74121461.13	0.267	74.12
Ballyvorheen / Cooga	2842578.96	0.01	2.84		Feale	74086706.74	0.267	74.09
Ballywilliam	62424225.83	0.23	62.42		Monavullagh	71660866.00	0.259	71.66
Banagher	471138027.04	1.70	471.14		Rinnagowna	70474598.26	0.254	70.47
Banagher Deep Phase	152873967.96	0.55	152.87		Rake Street - Crossmolina	68779672.49	0.248	68.78
Banagher Deep Phase + 170 ??	322777.48	0.00	0.32		Podzols & Gleys Peaty & non Peaty	67577023.02	0.244	67.58
Banagher Deep Phase + Alluvium	417285.18	0.00	0.42		Kennycourt	67558835.71	0.244	67.56
Banagher Deep Phase + Ballintemple	374952.19	0.00	0.37		Allen Cutover	65645025.24	0.237	65.65
Banagher Shallow Phase	15302664.13	0.06	15.30		Newtown	64751044.91	0.234	64.75
Bannow	3910779.21	0.01	3.91		Tramore	64685536.62	0.233	64.69
Basin Peat	11885061.15	0.04	11.89		Ballyshear	64114528.51	0.231	64.11
Basin Peat / Camoge	199021.26	0.00	0.20		Clonin	64048995.34	0.231	64.05
Basin Peat / Coolalough	3769927.19	0.01	3.77		Cluggin	63746220.47	0.230	63.75

Terra Cognita in Ireland: Soil Series Map Units on County Maps - proportionate extent

SERIES	Area m ²	% Area within country	km2		SERIES	Area m ²	% Area within country	km2
Basin Peat / Gortaclareen	592620.09	0.00	0.59		Ballywilliam	62424225.83	0.225	62.42
Basin Peat / Howardstown	4995552.80	0.02	5.00		Plateau Peat	61386355.91	0.221	61.39
Basin Peat / Puckane	939118.68	0.00	0.94		Knockastanna Peaty Phase	59709978.33	0.215	59.71
Basin Peat / Shannon	505407.05	0.00	0.51		Puckane / Gortaclareen	59162738.36	0.213	59.16
Baunreagh	16347602.54	0.06	16.35		Kilcolgan	58988264.98	0.213	58.99
Baunreagh Steep Phase	6178228.34	0.02	6.18		Patrickswell Bouldery Phase	58065253.05	0.209	58.07
Bawnrush	8262063.72	0.03	8.26		Mountcollins Kilrush	57002317.49	0.206	57.00
Bellacorick - Glenamoy	81557935.52	0.29	81.56		Ballycondon	56220111.04	0.203	56.22
Belmount	23725648.72	0.09	23.73		Baggotstown Carlow	55513593.05	0.200	55.51
Belmullet	17665279.52	0.06	17.67		Mortarstown - Kinvarra	54832420.65	0.198	54.83
Beltra	15618579.45	0.06	15.62		Machine Peat	54554004.97	0.197	54.55
Black Rock Moun	20076227.77	0.07	20.08		Kiltealy	54443565.01	0.196	54.44
Black Rock Mountain	17687758.22	0.06	17.69		Clonegall	53726106.21	0.194	53.73
Blackstairs	43190038.21	0.16	43.19		Slieve Bloom	51499742.87	0.186	51.50
Blanket Peat	153648528.36	0.55	153.65		Doonglara	50629571.88	0.183	50.63
Blanket Peat / Abbeyfeale	6092760.32	0.02	6.09		Knockbeg	49647994.11	0.179	49.65
Blanket Peat / Coolalough	203863.64	0.00	0.20		Ballincurra	48249530.79	0.174	48.25
Blanket Peat / Knockaceol	1037200.17	0.00	1.04		Ballyhaise - Corriga	47862496.31	0.173	47.86
Blanket Peat / Knockastanna	1833020.63	0.01	1.83		Mothel	47569904.05	0.172	47.57
Blanket Peat / Seefin	32912814.93	0.12	32.91		Turbary Complex Mountainous	46593179.18	0.168	46.59
Blanket Peat / Shannon	1811671.18	0.01	1.81		Drombanny	46434324.21	0.168	46.43
Blown Sand	35593497.77	0.13	35.59		Finnery	46139189.48	0.166	46.14
Boora Complex	38967146.71	0.14	38.97		Letter - Owenmore	44721730.14	0.161	44.72
Borris	196072364.57	0.71	196.07		Owenmore Rocky Phase	43580019.24	0.157	43.58
Borrisoleigh	221393871.59	0.80	221.39		Ballintemple	43509083.29	0.157	43.51
Borrisoleigh Ballynalacken	17782581.32	0.06	17.78		Blackstairs	43190038.21	0.156	43.19
Borrisoleigh Knockshigowna	7239365.17	0.03	7.24		Abbeyfeale Non Peaty Phase	42417370.87	0.153	42.42
Borrisoleigh Steep Phase	8351777.18	0.03	8.35		Broadway	42347052.95	0.153	42.35
Bouldery Lake Alluvium	257961.76	0.00	0.26		Slieve Bloom non-Peaty Phase	41943795.80	0.151	41.94
Broadway	42347052.95	0.15	42.35		Kilpatrick	41864804.11	0.151	41.86
Broomhill	33690040.39	0.12	33.69		Knockanattin - Letter	41060581.13	0.148	41.06
Broomhill Moderately Steep Phase	1036231.51	0.00	1.04		Killadoon	40950579.31	0.148	40.95
Broomhill Rolling Phase	1608940.20	0.01	1.61		Rathowen Ladestown	40636557.20	0.147	40.64
Broughillstown Complex	19898750.67	0.07	19.90		Liffey	40363571.06	0.146	40.36
Burren	26974619.77	0.10	26.97		Ballyshear Patrickswell	40334226.42	0.146	40.33
Burren Ballincurra	78204779.54	0.28	78.20		Knockastanna	40016940.53	0.144	40.02
Burren Deeper Phase	1673751.47	0.01	1.67		Killinick	39589528.98	0.143	39.59
Burren Extremely Rocky Phase	78257298.63	0.28	78.26		Boora Complex	38967146.71	0.141	38.97
Burren Rocky Phase	112194014.34	0.40	112.19		Clonsast	36789285.52	0.133	36.79
Burren Very Rocky Phase	144127516.20	0.52	144.13		Island not surveyed	36149043.65	0.130	36.15
Callaghane	6187734.13	0.02	6.19		Dunboyne Ashbourne	36111540.27	0.130	36.11
Callow	9903425.23	0.04	9.90		Knockaceol	36090216.25	0.130	36.09
Camoge	163421985.01	0.59	163.42		Ballynalacken	36056044.32	0.130	36.06
Camoge Milltownpass	4106964.21	0.01	4.11		Dodard	35919887.21	0.130	35.92
Cardtown	21060881.60	0.08	21.06		Blown Sand	35593497.77	0.128	35.59
Carne	3551354.69	0.01	3.55		Raheenduff	35550443.85	0.128	35.55
Carney	198909.46	0.00	0.20		Clohernagh	34052143.88	0.123	34.05
Carrickbyrne Complex	28322122.03	0.10	28.32		Crosstown Complex	33793784.26	0.122	33.79
Carrigogunnel	1094504.91	0.00	1.09		Broomhill	33690040.39	0.122	33.69
Carrigvahanagh	14483869.78	0.05	14.48		Blanket Peat / Seefin	32912814.93	0.119	32.91
Castlebar	9621590.27	0.03	9.62		Baggotstown Patrickswell	32728073.28	0.118	32.73
Castlecomer	8440917.25	0.03	8.44		Allenwood	32425843.49	0.117	32.43
Clashmore	157267420.78	0.57	157.27		Clonlisk	32065937.18	0.116	32.07
Clashmore Moderately Steep Phase	4494659.94	0.02	4.49		Tullig	31673526.19	0.114	31.67
Clashmore Rocky Phase	736745.48	0.00	0.74		Drumkeeran Peaty Phase	31123118.38	0.112	31.12
Clashmore Rolling Phase	30681481.13	0.11	30.68		Patrickswell Lithic Phase	30753336.51	0.111	30.75
Clashmore Shallow Phase	396025.64	0.00	0.40		Clashmore Rolling Phase	30681481.13	0.111	30.68
Clashmore Steep Phase	780822.71	0.00	0.78		Knockmealdown	30133183.58	0.109	30.13
Clashmore Stony Phase	219099.96	0.00	0.22		Graceswood	29649886.94	0.107	29.65
Clohamon	9650170.90	0.03	9.65		Pollardstown	29191809.43	0.105	29.19
Clohernagh	34052143.88	0.12	34.05		Randallsmill	29151426.04	0.105	29.15
Clohernagh Sandy Phase	400114.89	0.00	0.40		Old Ross	29126983.17	0.105	29.13
Clonaslee	21824775.56	0.08	21.82		Coolalough	29064450.17	0.105	29.06
Clonegall	53726106.21	0.19	53.73		Patrickswell Rathowen	29026535.27	0.105	29.03
Clonin	64048995.34	0.23	64.05		Kilmeadan	28715015.66	0.104	28.72
Clonin + Cardtown	726883.12	0.00	0.73		Carrickbyrne Complex	28322122.03	0.102	28.32
Clonlisk	32065937.18	0.12	32.07		Kilcolgan Bouldery Phase	28012788.34	0.101	28.01
Clonlisk + Ballintemple	1174751.74	0.00	1.17		Ashgrove Complex	27951913.97	0.101	27.95
Clonroche	1149695213.12	4.15	1149.70		Glenary	27880060.11	0.101	27.88
Clonroche Moderately Steep Phase	1107841.13	0.00	1.11		Cullahill	27762756.34	0.100	27.76
Clonroche Rolling Phase	772596.97	0.00	0.77		Knockanattin - Letter Bouldery	27321279.72	0.0985583	27.32
Clonroche Shallow Phase	566184.44	0.00	0.57		Burren	26974619.77	0.0973077	26.97
Clonroche Steep Phase	145972.41	0.00	0.15		Knockboy Rolling Phase	26319005.78	0.0949427	26.32
Clonsast	36789285.52	0.13	36.79		Ridge	25920865.52	0.0935065	25.92
Clonsast Complex	88965763.49	0.32	88.97		Tallavbaun - Owenmore	25739898.26	0.0928536	25.74
Clooncarreen	2953443.76	0.01	2.95		Drumsleed	25340437.55	0.0914126	25.34
Cloverfield	2008718.28	0.01	2.01		Drumsleed Peaty Phase	24088270.27	0.0868956	24.09
Clowater	8058191.88	0.03	8.06		Kilcommon Peaty Phase	23972742.01	0.0864788	23.97
Cluggin	63746220.47	0.23	63.75		Belmount	23725648.72	0.0855875	23.73
Conlawn	3785611.78	0.01	3.79		Slievecoilte	23518760.52	0.0848411	23.52
Cooga	87340865.91	0.32	87.34		Drummin	22652181.82	0.0817151	22.65
Coolaknick	16462515.01	0.06	16.46		Knockanattin - Letter Peaty	21857978.74	0.0788501	21.86
Coolalough	29064450.17	0.10	29.06		Clonaslee	21824775.56	0.0787303	21.82
Coolalough / Basin Peat	873022.78	0.00	0.87		Ballydoole	21529133.25	0.0776638	21.53
Coolfin	18401891.95	0.07	18.40		Cardtown	21060881.60	0.0759746	21.06
Coolfin Peaty Phase	421193.44	0.00	0.42		Dooyork	20830425.41	0.0751433	20.83
Coolfin-Blown Sand Complex	440336.18	0.00	0.44		Wexford Slob	20750683.46	0.0748556	20.75
Coolnakisha	15338473.20	0.06	15.34		Hughstown	20640134.74	0.0744568	20.64
Corriga	5797200.34	0.02	5.80		Mylerstown Imperfectly Drained Phas	20355206.27	0.0734290	20.36
Croghan	823755.35	0.00	0.82		Ballymacart	20287628.97	0.0731852	20.29
Crosstown Complex	33793784.26	0.12	33.79		Kiltyclogher	20250430.49	0.0730510	20.25
Crumpaun	5717216.90	0.02	5.72		Black Rock Moun	20076227.77	0.0724226	20.08
Cullahill	27762756.34	0.10	27.76		Broughillstown Complex	19898750.67	0.0717824	19.90
Cupidstownhill	4697654.70	0.02	4.70		Waterford	19798660.63	0.0714213	19.80
Curragh	1204915.84	0.00	1.20		Peaty Podzols	19626512.63	0.0708003	19.63
Darkisland	16299519.75	0.06	16.30		Knockalisheen	19608996.98	0.0707371	19.61
Darkisland / Howardstown	287718.46	0.00	0.29		Killadangan	19390050.37	0.0699473	19.39
Derk	16080789.78	0.06	16.08		Drummin - Letterbrock Rocky	19309556.35	0.0696569	19.31
Derk Shaley Phase	2233573.44	0.01	2.23		Srah	18941860.42	0.0683305	18.94
Derrygarreen	970424.47	0.00	0.97		Coolfin	18401891.95	0.0663826	18.40

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SERIES	Area m ²	% Area within country	km2		SERIES	Area m ²	% Area within country	km2
Dodard	35919887.21	0.13	35.92		Monatray	18232509.62	0.0657716	18.23
Donaghcumper	5631654.19	0.02	5.63		Killnageer	18180992.36	0.0655858	18.18
Dooncarton	1316978.05	0.00	1.32		Slieve Bloom Undulating Phase	17874199.81	0.0644791	17.87
Doonglara	50629571.88	0.18	50.63		Borrisoleigh Ballynalacken	17782581.32	0.0641486	17.78
Doonglara / Knockaceol	587662.63	0.00	0.59		Black Rock Mountain	17687758.22	0.0638065	17.69
Dooyork	20830425.41	0.08	20.83		Belmullet	17665279.52	0.0637254	17.67
Dovea	6983693.89	0.03	6.98		Aglish	17663173.52	0.0637178	17.66
Drombanny	46434324.21	0.17	46.43		Kilfenora	17622136.32	0.0635698	17.62
Drombanny + Banagher Deep Phase	959952.15	0.00	0.96		Knocknaskeha	17499030.72	0.0631257	17.50
Drumkeeran	162917300.33	0.59	162.92		Ballynabola	17231958.57	0.0621623	17.23
Drumkeeran Peaty Phase	31123118.38	0.11	31.12		Stradbally Rocky Phase	17087855.51	0.0616424	17.09
Drummin	22652181.82	0.08	22.65		Forth Commons	16922214.05	0.0610449	16.92
Drummin - Letterbrock Rocky	19309556.35	0.07	19.31		Moord	16915753.32	0.0610216	16.92
Drummin - Owenmore	3568787.95	0.01	3.57		Ladestown	16515868.70	0.0595790	16.52
Drummin Bouldery Phase	9935700.63	0.04	9.94		Ahaun	16470686.30	0.0594161	16.47
Drumslead	25340437.55	0.09	25.34		Coolaknick	16462515.01	0.0593866	16.46
Drumslead Peaty Phase	24088270.27	0.09	24.09		Baunreagh	16347602.54	0.0589720	16.35
Drumslig	3394231.52	0.01	3.39		Darkisland	16299519.75	0.0587986	16.30
Dunboyne	239714137.53	0.86	239.71		Ballinamore - Allen	16170843.14	0.0583344	16.17
Dunboyne Ashbourne	36111540.27	0.13	36.11		Derk	16080789.78	0.0580095	16.08
Dunboyne Ashbourne Shaley Phase	2080514.54	0.01	2.08		Portlaw Rolling Phase	15929808.22	0.0574649	15.93
Dunboyne Gravelly Phase	2905955.67	0.01	2.91		Beltra	15618579.45	0.0563422	15.62
Dunboyne Ladestown	1855485.95	0.01	1.86		Coolnakisha	15338473.20	0.0553317	15.34
Dunboyne Shaley Phase	77658360.83	0.28	77.66		Banagher Shallow Phase	15302664.13	0.0552025	15.30
Dungarvan	119958910.22	0.43	119.96		Fethard	15230277.75	0.0549414	15.23
Dungarvan Rocky Phase	1021024.04	0.00	1.02		Knockmullgurry	14588163.98	0.0526251	14.59
Dunnstown	96810511.83	0.35	96.81		Carrigvahanagh	14483869.78	0.0522488	14.48
Dunsany	2393707.20	0.01	2.39		Podzols	14413028.41	0.0519933	14.41
Dysart Hills	9653286.09	0.03	9.65		Millquarter	14213324.89	0.0512729	14.21
Elton	1591359153.77	5.74	1591.36		Ballinakill	14169418.30	0.0511145	14.17
Elton / Baggotstown	7515661.11	0.03	7.52		Puckane Alkaline Parent Material Ph	14119331.15	0.0509338	14.12
Elton / Ballybrood	2382509.61	0.01	2.38		Aughty Rocky Phase	13965743.79	0.0503798	13.97
Elton / Ballydoole	2202615.61	0.01	2.20		Patrickswell Rocky Phase	13923923.89	0.0502289	13.92
Elton / Coolalough	447656.27	0.00	0.45		Finnery River	13567512.63	0.0489432	13.57
Elton / Derk	3306780.41	0.01	3.31		Knockanimpaha	13479640.64	0.0486262	13.48
Elton / Howardstown	547615.16	0.00	0.55		Attyquinn Howardstown	13392066.89	0.0483103	13.39
Elton / Rootiagh	4233272.69	0.02	4.23		Suir	13376723.47	0.0482549	13.38
Fahy	3073427.91	0.01	3.07		Portlaw Moderately Steep Phase	13341887.12	0.0481293	13.34
Feale	74086706.74	0.27	74.09		Industrial Complex	13170362.44	0.0475105	13.17
Fen	1481340.58	0.01	1.48		Lickey	12781683.00	0.0461084	12.78
Fethard	15230277.75	0.05	15.23		Owenmore Very Rocky Phase	12771333.29	0.0460711	12.77
Finisk	9469075.89	0.03	9.47		Kilmore Slob	12680214.10	0.0457424	12.68
Finnea Banagher Allen	2526395.99	0.01	2.53		Kinvarra Bouldery Phase	12473496.01	0.0449967	12.47
Finnery	46139189.48	0.17	46.14		Wardhouse	12279195.30	0.0442957	12.28
Finnery River	13567512.63	0.05	13.57		Rock and Skeletal Soil	12114993.83	0.0437034	12.11
Fontstown	400411729.87	1.44	400.41		Patrickswell Ladestown	12072637.32	0.0435506	12.07
Forth Commons	16922214.05	0.06	16.92		Basin Peat	11885061.15	0.0428740	11.89
Garristown	3864297.40	0.01	3.86		Kilmannock	11874992.20	0.0428376	11.87
Garryhinch	4090561.58	0.01	4.09		Kilbeheny	11815643.64	0.0426235	11.82
Garrymona	2834439.31	0.01	2.83		Knockanattin	11788310.06	0.0425249	11.79
Garvagh	270699342.21	0.98	270.70		Ridge Stony Phase	11672910.60	0.0421086	11.67
Glane	2278496.71	0.01	2.28		Aeolian Sands	11618460.93	0.0419122	11.62
Glenamoy	392793227.73	1.42	392.79		Trean	11587111.63	0.0417991	11.59
Glenamoy - Aughty	79407008.80	0.29	79.41		Portlaw Steep Phase	11419028.78	0.0411928	11.42
Glenamoy Cutover	90162041.21	0.33	90.16		Ambrosetown	11290828.16	0.0407303	11.29
Glenary	27880060.11	0.10	27.88		Raheenduff Imperfectly Drained Phas	11282874.59	0.0407016	11.28
Glenomra	8319583.83	0.03	8.32		Aughty Slumping Phase	11233295.58	0.0405228	11.23
Gortaclareen	231229797.70	0.83	231.23		Abbeyfeale Undulating Phase	11157060.04	0.0402478	11.16
Gortaclareen - Fahy	125208611.79	0.45	125.21		Parknakyle	11052041.49	0.0398689	11.05
Gortnamona	190512776.02	0.69	190.51		Ballinruan	10510006.21	0.0379136	10.51
Graceswood	29649886.94	0.11	29.65		Seskinrea	10382318.47	0.0374530	10.38
Grange	4167213.64	0.02	4.17		Templeshanbo	10256133.68	0.0369978	10.26
Greenane	7241066.71	0.03	7.24		Puckane Peaty Phase	10092683.10	0.0364082	10.09
Griston	1117356.65	0.00	1.12		Kilbarry	10081616.48	0.0363682	10.08
Griston / Elton	5045068.37	0.02	5.05		Ballyvorheen	10070232.23	0.0363272	10.07
Gweesalia	88170513.22	0.32	88.17		Drummin Bouldery Phase	9935700.63	0.0358419	9.94
Hill Peat	235792280.54	0.85	235.79		Callow	9903425.23	0.0357254	9.90
Hook Head	4892352.08	0.02	4.89		Dysart Hills	9653286.09	0.0348231	9.65
Howardstown	620222603.62	2.24	620.22		Clohamon	9650170.90	0.0348118	9.65
Howardstown / Basin Peat	1388288.81	0.01	1.39		Castlebar	9621590.27	0.0347087	9.62
Howardstown / Blanket Peat	144306.13	0.00	0.14		Finisk	9469075.89	0.0341586	9.47
Howardstown / Coolalough	6730551.78	0.02	6.73		Slievecoiltia	9146898.07	0.0329964	9.15
Howardstown / Elton	2648489.16	0.01	2.65		Turbary Knockastanna	9011020.14	0.0325062	9.01
Howardstown / Gortaclareen	2259893.71	0.01	2.26		Slieve Bloom non Peaty Phase	8891085.81	0.0320735	8.89
Howardstown + Ballyshear	182517.51	0.00	0.18		Rathkenny	8681738.82	0.0313183	8.68
Howardstown Baggotstown	8004062.78	0.03	8.00		Knockaceol / Puckane	8511271.24	0.0307034	8.51
Howardstown Patrickswell	95044413.88	0.34	95.04		Castlecomer	8440917.25	0.0304496	8.44
Howardstown Patrickswell + Alluvium	196842.45	0.00	0.20		Borrisoleigh Steep Phase	8351777.18	0.0301280	8.35
Hughstown	20640134.74	0.07	20.64		Glenomra	8319583.83	0.0300119	8.32
Industrial Complex	13170362.44	0.05	13.17		Bawnrush	8262063.72	0.0298044	8.26
Island not surveyed	36149043.65	0.13	36.15		Knockboy Stony Phase	8130061.94	0.0293282	8.13
Islands	1206065.95	0.00	1.21		Toberbride	8125011.23	0.0293100	8.13
Keeloge	6273582.52	0.02	6.27		Clowater	8058191.88	0.0290690	8.06
Kellistown	208237569.01	0.75	208.24		Howardstown Baggotstown	8004062.78	0.0288737	8.00
Kells	277771944.06	1.00	277.77		Portlaw	7984566.72	0.0288034	7.98
Kennycourt	67558835.71	0.24	67.56		Ballyknockan	7865843.99	0.0283751	7.87
Kilbarry	10081616.48	0.04	10.08		Baggotstown / Elton	7786470.67	0.0280888	7.79
Kilbeheny	11815643.64	0.04	11.82		Kilnageer	7569065.95	0.0273045	7.57
Kilcolgan	58988264.98	0.21	58.99		Elton / Baggotstown	7515661.11	0.0271119	7.52
Kilcolgan Bouldery Phase	28012788.34	0.10	28.01		Tourmakeady	7475412.37	0.0269667	7.48
Kilcommon	123558558.00	0.45	123.56		Ardmore	7437919.25	0.0268314	7.44
Kilcommon Peaty Phase	23972742.01	0.09	23.97		Stonepark	7399535.60	0.0266929	7.40
Kilfenora	17622136.32	0.06	17.62		Raheenleigh	7339659.47	0.0264770	7.34
Kilfergus	96750642.12	0.35	96.75		Moanduff	7280181.02	0.0262624	7.28
Kilgory	3418711.90	0.01	3.42		Tallavbaun Bouldery Phase	7250634.83	0.0261558	7.25
Kill	192822147.35	0.70	192.82		Greenane	7241066.71	0.0261213	7.24
Kill Moderately Steep Phase	222344.17	0.00	0.22		Borrisoleigh Knockshigowna	7239365.17	0.0261152	7.24
Kill Rocky Phase	1597966.96	0.01	1.60		Street Ladestown Banagher	7206409.20	0.0259963	7.21
Kill Very Rocky Phase	5639545.71	0.02	5.64		Ballycondon Stony Phase	7055053.86	0.0254503	7.06
Killadangan	19390050.37	0.07	19.39		Dovea	6983693.89	0.0251928	6.98

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Killadoon	40950579.31	0.15	40.95		Knockbeg Stony Phase	6897632.59	0.0248824	6.90
Killadoon Bouldery Phase	2608705.10	0.01	2.61		Ballycondon Moderately Steep Phase	6742896.82	0.0243242	6.74
Killadoon Peaty Phase	4950362.07	0.02	4.95		Howardstown / Coolalough	6730551.78	0.0242797	6.73
Killinick	39589528.98	0.14	39.59		Rossmore	6666587.47	0.0240489	6.67
Killnageer	18180992.36	0.07	18.18		Moord Poorly Drained Phase	6659075.20	0.0240218	6.66
Kilmannock	11874992.20	0.04	11.87		Knocksquire	6627263.33	0.0239071	6.63
Kilmeadan	28715015.66	0.10	28.72		Oulartleigh	6568424.02	0.0236948	6.57
Kilmeadan Rolling Phase	1070337.34	0.00	1.07		Rathkenny Moderately Steep Phase	6519946.91	0.0235199	6.52
Kilmeadan-Callaghan Complex	1808115.95	0.01	1.81		Keeloge	6273582.52	0.0226312	6.27
Kilmeadan-Clashmore Complex	1210047.06	0.00	1.21		Ballinabranagh	6187841.14	0.0223219	6.19
Kilmeadan-Clashmore Rolling Phase Complex	1031261.31	0.00	1.03		Callaghane	6187734.13	0.0223215	6.19
Kilmore Slob	12680214.10	0.05	12.68		Baunreagh Steep Phase	6178228.34	0.0222872	6.18
Kilnageer	7569065.95	0.03	7.57		Blanket Peat / Abbeyfeale	6092760.32	0.0219789	6.09
Kilpatrick	41864804.11	0.15	41.86		Knockboy Brown Phase	6057684.10	0.0218524	6.06
Kilpierce	170715491.47	0.62	170.72		Sawyerswood	6038496.83	0.0217832	6.04
Kilrush	719167111.05	2.59	719.17		Knockastanna Knockshigowna	5974898.57	0.0215537	5.97
Kiltealy	54443565.01	0.20	54.44		Patrickswell Howardstown	5968289.97	0.0215299	5.97
Kiltyclogher	20250430.49	0.07	20.25		Rathowen Street	5947710.26	0.0214557	5.95
Kinvarra	74121461.13	0.27	74.12		Seafield	5893496.62	0.0212601	5.89
Kinvarra Bouldery Phase	12473496.01	0.04	12.47		Rathcannon	5867823.80	0.0211675	5.87
Knock	4012225.03	0.01	4.01		Corriga	5797200.34	0.0209127	5.80
Knockaceol	36090216.25	0.13	36.09		Crumpaun	5717216.90	0.0206242	5.72
Knockaceol / Ballydoole	1359092.88	0.00	1.36		Kill Very Rocky Phase	5639545.71	0.0203440	5.64
Knockaceol / Doonglara	2405137.62	0.01	2.41		Donaghcumper	5631654.19	0.0203155	5.63
Knockaceol / Puckane	8511271.24	0.03	8.51		Massbrook Peaty Phase	5513600.63	0.0198897	5.51
Knockaceol Bouldery Phase	5074257.52	0.02	5.07		Knockanattin Bouldery Phase	5348699.40	0.0192948	5.35
Knockaceol Peaty Phase	633835.56	0.00	0.63		Knockeyon	5251257.31	0.0189433	5.25
Knockalisheen	19608996.98	0.07	19.61		Knocknaskeha Doonglara	5246496.25	0.0189261	5.25
Knockanattin	11788310.06	0.04	11.79		Aille	5107038.67	0.0184230	5.11
Knockanattin - Letter	41060581.13	0.15	41.06		Ballycastle	5104842.54	0.0184151	5.10
Knockanattin - Letter Bouldery	27321279.72	0.10	27.32		Ballynamona	5098853.75	0.0183935	5.10
Knockanattin - Letter Peaty	21857978.74	0.08	21.86		Knockaceol Bouldery Phase	5074257.52	0.0183048	5.07
Knockanattin Bouldery Phase	5348699.40	0.02	5.35		Griston / Elton	5045068.37	0.0181995	5.05
Knockanattin Peaty Phase	2692614.94	0.01	2.69		Rathmoyle	5022969.32	0.0181198	5.02
Knockanimpaha	13479640.64	0.05	13.48		Basin Peat / Howardstown	4995552.80	0.0180209	5.00
Knockastanna	40016940.53	0.14	40.02		Killadoon Peaty Phase	4950362.07	0.0178578	4.95
Knockastanna Knockshigowna	5974898.57	0.02	5.97		Hook Head	4892352.08	0.0176486	4.89
Knockastanna Peaty Phase	59709978.33	0.22	59.71		Baldwinstown	4756366.79	0.0171580	4.76
Knockbeg	49647994.11	0.18	49.65		Transitional Peat	4728466.29	0.0170574	4.73
Knockbeg Stony Phase	6897632.59	0.02	6.90		Cupidstownhill	4697654.70	0.0169462	4.70
Knockboy	190209859.45	0.69	190.21		Seefin	4677993.83	0.0168753	4.68
Knockboy Brown Moderately Steep Phase	583230.51	0.00	0.58		Shannon Banagher	4671288.01	0.0168511	4.67
Knockboy Brown Phase	6057684.10	0.02	6.06		Ballynalacken Knockshigowna	4555819.83	0.0164346	4.56
Knockboy Brown Rolling Phase	1831939.19	0.01	1.83		Clashmore Moderately Steep Phase	4494659.94	0.0162140	4.49
Knockboy Moderately Steep Phase	3324738.48	0.01	3.32		Lyre	4331242.86	0.0156244	4.33
Knockboy Rocky Phase	3792114.08	0.01	3.79		Elton / Rootiagh	4233272.69	0.0152710	4.23
Knockboy Rolling Phase	26319005.78	0.09	26.32		Ridge Steep Phase	4224039.72	0.0152377	4.22
Knockboy Rolling Stony Phase	329171.07	0.00	0.33		Slieve Bloom Steep Phase	4206144.27	0.0151732	4.21
Knockboy Stony Phase	8130061.94	0.03	8.13		Grange	4167213.64	0.0150327	4.17
Knockboy Very Rocky Phase	113306.39	0.00	0.11		Camoge Milltownpass	4106964.21	0.0148154	4.11
Knockeyon	5251257.31	0.02	5.25		Loughmuirran	4101933.15	0.0147972	4.10
Knockmealdown	30133183.58	0.11	30.13		Garryhinch	4090561.58	0.0147562	4.09
Knockmullgurry	14588163.98	0.05	14.59		Ballybrood	4052173.33	0.0146177	4.05
Knocknaskeha	17499030.72	0.06	17.50		Knock	4012225.03	0.0144736	4.01
Knocknaskeha Doonglara	5246496.25	0.02	5.25		Rathvinden	3992698.08	0.0144032	3.99
Knockroe	1503057.40	0.01	1.50		Puckane Gortaclareen	3986961.74	0.0143825	3.99
Knocksquire	6627263.33	0.02	6.63		Bannow	3910779.21	0.0141077	3.91
Ladestown	16515868.70	0.06	16.52		Letter - Srah	3910483.37	0.0141066	3.91
Ladestown Rathowen	1289565.68	0.00	1.29		Mulkear	3873157.25	0.0139720	3.87
Ladestown Rathowen Banagher	134857368.99	0.49	134.86		Garristown	3864297.40	0.0139400	3.86
Lake	279068.81	0.00	0.28		Knockboy Rocky Phase	3792114.08	0.0136796	3.79
Letter	2383353.46	0.01	2.38		Conlawn	3785611.78	0.0136561	3.79
Letter - Owenmore	44721730.14	0.16	44.72		Basin Peat / Coolalough	3769927.19	0.0135996	3.77
Letter - Srah	3910483.37	0.01	3.91		Accony	3704693.10	0.0133642	3.70
Letterbrock	198186.51	0.00	0.20		Turbary (Complex)	3682339.95	0.0132836	3.68
Letterbrock Bouldery Phase	2568223.01	0.01	2.57		Ballytarsna	3675612.07	0.0132593	3.68
Lickey	12781683.00	0.05	12.78		Ballyglass	3654800.77	0.0131843	3.65
Liffey	40363571.06	0.15	40.36		Ballycondon Very Rocky Phase	3637132.37	0.0131205	3.64
Loughmuirran	4101933.15	0.01	4.10		Ballinrush	3629485.39	0.0130929	3.63
Louhgree Landform	245469.53	0.00	0.25		Ballyknock	3613581.27	0.0130356	3.61
Lyre	4331242.86	0.02	4.33		Paulstown	3583447.15	0.0129269	3.58
Macamore	211358681.48	0.76	211.36		Drummin - Owenmore	3568787.95	0.0128740	3.57
Machine Peat	54554004.97	0.20	54.55		Carne	3551354.69	0.0128111	3.55
Massbrook	2821191.70	0.01	2.82		Kilgory	3418711.90	0.0123326	3.42
Massbrook Bouldery Phase	3098181.99	0.01	3.10		Drumslig	3394231.52	0.0122443	3.39
Massbrook Peaty Phase	5513600.63	0.02	5.51		Monatray Rolling Phase	3338514.12	0.0120433	3.34
Milled Peat	215985943.18	0.78	215.99		Rootiagh	3337140.44	0.0120383	3.34
Millquarter	14213324.89	0.05	14.21		Knockboy Moderately Steep Phase	3324738.48	0.0119936	3.32
Milltownpass	2453532.64	0.01	2.45		Abbeyfeale Sandy Phase	3312101.33	0.0119480	3.31
Misc Land Unit	494834.72	0.00	0.49		Elton / Derk	3306780.41	0.0119288	3.31
Moanduff	7280181.02	0.03	7.28		Ashbourne Shaley Phase	3231146.29	0.0116560	3.23
Monatray	18232509.62	0.07	18.23		Aughty Cutover Peat	3186119.49	0.0114935	3.19
Monatray Rolling Phase	3338514.12	0.01	3.34		Wonderhill	3128520.51	0.0112858	3.13
Monatray Shallow Phase	726482.52	0.00	0.73		Patrickswell Rolling Phase	3117871.85	0.0112474	3.12
Monavullagh	71660866.00	0.26	71.66		Turbary Slieve Bloom Rossmore	3117832.25	0.0112472	3.12
Moord	16915753.32	0.06	16.92		Massbrook Bouldery Phase	3098181.99	0.0111763	3.10
Moord Poorly Drained Phase	6659075.20	0.02	6.66		Fahy	3073427.91	0.0110870	3.07
Mortarstown	90687243.04	0.33	90.69		Ballycondon Bouldery Phase	3013608.52	0.0108712	3.01
Mortarstown - Kinvarra	54832420.65	0.20	54.83		Clooncarreen	2953443.76	0.0106542	2.95
Mortarstown + Howardstown	459305.51	0.00	0.46		Mountcollins / Knockanimpaha	2952941.80	0.0106524	2.95
Mothel	47569904.05	0.17	47.57		Tallavbaun	2913725.96	0.0105109	2.91
Mothel Peaty Phase	1864984.23	0.01	1.86		Dunboyne Gravelly Phase	2905955.67	0.0104829	2.91
Mountcollins	192553899.45	0.69	192.55		Ballyvorheen / Cooga	2842578.96	0.0102543	2.84
Mountcollins / Abbeyfeale	533990.86	0.00	0.53		Garrymona	2834439.31	0.0102249	2.83
Mountcollins / Knockanimpaha	2952941.80	0.01	2.95		Massbrook	2821191.70	0.0101771	2.82
Mountcollins Kilrush	57002317.49	0.21	57.00		Tomard	2773162.20	0.0100039	2.77
Mountminnett	2599887.30	0.01	2.60		Knockanattin Peaty Phase	2692614.94	0.0097133	2.69
Mountrath	78469599.62	0.28	78.47		Ballinagilly	2680869.14	0.0096709	2.68
Mulkear	3873157.25	0.01	3.87		Howardstown / Elton	2648489.16	0.0095541	2.65
Mylerstown	389396401.34	1.40	389.40		Ballycondon Rolling Phase	2644507.16	0.0095397	2.64

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Mylerstown + Ballyshear	1851881.98	0.01	1.85		Killadoon Bouldery Phase	2608705.10	0.0094106	2.61
Mylerstown + Clonlisk	1102091.94	0.00	1.10		Mountminnett	2599887.30	0.0093788	2.60
Mylerstown Imperfectly Drained Phase	20355206.27	0.07	20.36		Letterbrock Bouldery Phase	2568223.01	0.0092646	2.57
Nethertown	1596296.48	0.01	1.60		Finnea Banagher Allen	2526395.99	0.0091137	2.53
Newport	93913064.71	0.34	93.91		River Burren	2503590.19	0.0090314	2.50
Newtown	64751044.91	0.23	64.75		Milltownpass	2453532.64	0.0088508	2.45
Non soil area	726931.02	0.00	0.73		Knockaceol / Doonglara	2405137.62	0.0086762	2.41
Old Ross	29126983.17	0.11	29.13		Dunsany	2393707.20	0.0086350	2.39
Oulartleigh	6568424.02	0.02	6.57		Letter	2383353.46	0.0085977	2.38
Owenmore	116832074.73	0.42	116.83		Elton / Ballybrood	2382509.61	0.0085946	2.38
Owenmore - Aughty	692970.93	0.00	0.69		Slieveareagh	2322819.65	0.0083793	2.32
Owenmore Rocky Phase	43580019.24	0.16	43.58		Patrickswell + Mylerstown	2305935.68	0.0083184	2.31
Owenmore Very Rocky Phase	12771333.29	0.05	12.77		Glane	2278496.71	0.0082194	2.28
Parknakyle	11052041.49	0.04	11.05		Howardstown / Gortaclareen	2259893.71	0.0081523	2.26
Partickswell	169508359.69	0.61	169.51		Derk Shaley Phase	2233573.44	0.0080574	2.23
Patrickswell Lithic Phase	1891636.69	0.01	1.89		Elton / Ballydoole	2202615.61	0.0079457	2.20
Patrickswell	1528529352.30	5.51	1528.53		Abbeyfeale Peaty Phase	2084615.00	0.0075200	2.08
Patrickswell + Baggotstown	1084053.82	0.00	1.08		Dunboyne Ashbourne Shaley Phase	2080514.54	0.0075052	2.08
Patrickswell + Howardstown + Elton	425425.64	0.00	0.43		Cloverfield	2008718.28	0.0072462	2.01
Patrickswell + Mylerstown	2305935.68	0.01	2.31		Acaun	1947747.50	0.0070263	1.95
Patrickswell Baggotstown	237974757.57	0.86	237.97		Tramore Peaty Phase	1894890.07	0.0068356	1.89
Patrickswell Baggotstown Elton	234278334.68	0.85	234.28		Patrickswell Lithic Phase	1891636.69	0.0068239	1.89
Patrickswell Baggotstown Elton + Mylerstown	206137.23	0.00	0.21		Aughty Eroded Phase	1874355.21	0.0067615	1.87
Patrickswell Bouldery Phase	58065253.05	0.21	58.07		Mothel Peaty Phase	1864984.23	0.0067277	1.86
Patrickswell Howardstown	5968289.97	0.02	5.97		Dunboyne Ladestown	1855485.95	0.0066934	1.86
Patrickswell Ladestown	12072637.32	0.04	12.07		Mylerstown + Ballyshear	1851881.98	0.0066804	1.85
Patrickswell Lithic Phase	30753336.51	0.11	30.75		Blanket Peat / Knockastanna	1833020.63	0.0066124	1.83
Patrickswell Rathowen	29026535.27	0.10	29.03		Knockboy Brown Rolling Phase	1831939.19	0.0066085	1.83
Patrickswell Rocky Phase	13923923.89	0.05	13.92		Ballynabola Peaty Phase	1814369.25	0.0065451	1.81
Patrickswell Rolling Phase	3117871.85	0.01	3.12		Blanket Peat / Shannon	1811671.18	0.0065354	1.81
Paulstown	3583447.15	0.01	3.58		Kilmeadan-Callaghan Complex	1808115.95	0.0065226	1.81
Peaty Gley and Peat	95259386.56	0.34	95.26		Tidal Marsh	1797400.51	0.0064839	1.80
Peaty Iron-Pan Podzols	189162849.95	0.68	189.16		Baggotstown Hummocky Phas	1687310.03	0.0060868	1.69
Peaty Podzols	19626512.63	0.07	19.63		Burren Deeper Phase	1673751.47	0.0060379	1.67
Plateau Peat	61386355.91	0.22	61.39		Unmapped	1653608.28	0.0059652	1.65
Podzols	14413028.41	0.05	14.41		Broomhill Rolling Phase	1608940.20	0.0058041	1.61
Podzols & Gleys Peaty & non Peaty	67577023.02	0.24	67.58		Kill Rocky Phase	1597966.96	0.0057645	1.60
Pollardstown	29191809.43	0.11	29.19		Nethertown	1596296.48	0.0057585	1.60
Portlaw	7984566.72	0.03	7.98		Slob Sandy Phase	1587589.68	0.0057270	1.59
Portlaw Moderately Steep Phase	13341887.12	0.05	13.34		Knockroe	1503057.40	0.0054221	1.50
Portlaw Rolling Phase	15929808.22	0.06	15.93		Fen	1481340.58	0.0053438	1.48
Portlaw Steep Phase	11419028.78	0.04	11.42		Howardstown / Basin Peat	1388288.81	0.0050081	1.39
Puckane	151613322.87	0.55	151.61		Aughty Cutover Moderately Steep Phase	1364080.51	0.0049208	1.36
Puckane / Gortaclareen	59162738.36	0.21	59.16		Knockaceol / Ballydoole	1359092.88	0.0049028	1.36
Puckane Alkaline Parent Material Ph	14119331.15	0.05	14.12		Dooncarton	1316978.05	0.0047508	1.32
Puckane Gortaclareen	3986961.74	0.01	3.99		Ladestown Rathowen	1289565.68	0.0046520	1.29
Puckane Peaty Phase	10092683.10	0.04	10.09		Kilmeadan-Clashmore Complex	1210047.06	0.0043651	1.21
Puckane Slieveareagh	143642937.17	0.52	143.64		Islands	1206065.95	0.0043507	1.21
Raheenduff	35550443.85	0.13	35.55		Curragh	1204915.84	0.0043466	1.20
Raheenduff Imperfectly Drained Phas	11282874.59	0.04	11.28		Ballyscanlon	1199460.93	0.0043269	1.20
Raheenleigh	7339659.47	0.03	7.34		Clonlisk + Ballintemple	1174751.74	0.0042378	1.17
Rake Street - Crossmolina	68779672.49	0.25	68.78		Baggotstown + Mylerstown	1157923.59	0.0041771	1.16
Randallsmill	29151426.04	0.11	29.15		Griston	1117356.65	0.0040307	1.12
Rathangan	204767309.47	0.74	204.77		Clonroche Moderately Steep Phase	1107841.13	0.0039964	1.11
Rathborney	1009482.07	0.00	1.01		Mylerstown + Clonlisk	1102091.94	0.0039757	1.10
Rathcannon	5867823.80	0.02	5.87		Carrigogunnel	1094504.91	0.0039483	1.09
Rathkenny	8681738.82	0.03	8.68		Slob Silty Phase	1086363.22	0.0039189	1.09
Rathkenny Moderately Steep Phase	6519946.91	0.02	6.52		Tidal	1084912.14	0.0039137	1.08
Rathmoyle	5022969.32	0.02	5.02		Patrickswell + Baggotstown	1084053.82	0.0039106	1.08
Rathowen	491771644.24	1.77	491.77		Kilmeadan Rolling Phase	1070337.34	0.0038611	1.07
Rathowen Cherty Phase	164120010.53	0.59	164.12		Blanket Peat / Knockaceol	1037200.17	0.0037416	1.04
Rathowen Ladestown	40636557.20	0.15	40.64		Broomhill Moderately Steep Phase	1036231.51	0.0037381	1.04
Rathowen Street	5947710.26	0.02	5.95		Kilmeadan-Clashmore Rolling Phase Complex	1031261.31	0.0037202	1.03
Rathvinden	3992698.08	0.01	3.99		Dungarvan Rocky Phase	1021024.04	0.0036832	1.02
Ridge	25920865.52	0.09	25.92		Rathborney	1009482.07	0.0036416	1.01
Ridge Steep Phase	4224039.72	0.02	4.22		Derrygarreen	970424.47	0.0035007	0.97
Ridge Stony Phase	11672910.60	0.04	11.67		Drombanny + Banagher Deep Phase	959952.15	0.0034629	0.96
Rineanna	690257.31	0.00	0.69		Basin Peat / Puckane	939118.68	0.0033878	0.94
Rineanna Complex	119887202.87	0.43	119.89		Waterpark	906422.82	0.0032698	0.91
Rinnagowna	70474598.26	0.25	70.47		Ballyvorheen / Ballincurra	904997.08	0.0032647	0.90
River Burren	2503590.19	0.01	2.50		Tallavbaun Peaty Phase	894044.59	0.0032252	0.89
Rock and Skeletal Soil	12114993.83	0.04	12.11		Coolalough / Basin Peat	873022.78	0.0031493	0.87
Rock outcrop	304476.08	0.00	0.30		Croghan	823755.35	0.0029716	0.82
Rootiagh	3337140.44	0.01	3.34		Slob	813449.66	0.0029344	0.81
Rossmore	6666587.47	0.02	6.67		Clashmore Steep Phase	780822.71	0.0028167	0.78
Sawyerswood	6038496.83	0.02	6.04		Clonroche Rolling Phase	772596.97	0.0027871	0.77
Screen	108443315.40	0.39	108.44		Ballintemple + Clonlisk	770359.08	0.0027790	0.77
Seafield	5893496.62	0.02	5.89		Clashmore Rocky Phase	736745.48	0.0026577	0.74
Seefin	4677993.83	0.02	4.68		Non soil area	726931.02	0.0026223	0.73
Sellernaun	209146.67	0.00	0.21		Clonin + Cardtown	726883.12	0.0026221	0.73
Seskinrea	10382318.47	0.04	10.38		Baggotstown Carlow + Mountrath	726805.93	0.0026219	0.73
Shannon	130563051.94	0.47	130.56		Monatray Shallow Phase	726482.52	0.0026207	0.73
Shannon Banagher	4671288.01	0.02	4.67		Owenmore - Aughty	692970.93	0.0024998	0.69
Slieve Bloom	51499742.87	0.19	51.50		Rineanna	690257.31	0.0024900	0.69
Slieve Bloom non Peaty Phase	8891085.81	0.03	8.89		Ballintemple + Mylerstown	649428.00	0.0023427	0.65
Slieve Bloom non-Peaty Phase	41943795.80	0.15	41.94		Knockaceol Peaty Phase	638335.56	0.0022865	0.63
Slieve Bloom Steep Phase	4206144.27	0.02	4.21		Ballintemple + Drombanny	606662.93	0.0021885	0.61
Slieve Bloom Undulating Phase	17874199.81	0.06	17.87		Basin Peat / Gortaclareen	592620.09	0.0021378	0.59
Slievebeag	382763.91	0.00	0.38		Doonglara / Knockaceol	587662.63	0.0021199	0.59
Slievecoilte	23518760.52	0.08	23.52		Knockboy Brown Moderately Steep Phase	583230.51	0.0021039	0.58
Slievecoiltea	9146898.07	0.03	9.15		Small Isl	582286.50	0.0021005	0.58
Slieveareagh	2322819.65	0.01	2.32		Ahaun Rolling Phase	573057.63	0.0020672	0.57
Slieveareagh / Blanket Peat	97086.59	0.00	0.10		Clonroche Shallow Phase	566184.44	0.0020424	0.57
Slieveareagh / Knockaceol	87797.73	0.00	0.09		Elton / Howardstown	547615.16	0.0019755	0.55
Slob	813449.66	0.00	0.81		Aughty Shallow Phase	537578.56	0.0019393	0.54
Slob Peaty Phase	268677.19	0.00	0.27		Mountcollins / Abbeyfeale	533990.86	0.0019263	0.53
Slob Sandy Phase	1587589.68	0.01	1.59		Basin Peat / Shannon	505407.05	0.0018232	0.51
Slob Silty Phase	1086363.22	0.00	1.09		Misc Land Unit	494834.72	0.0017851	0.49
Small Isl	582286.50	0.00	0.58		Abbeyfeale / Knockanimpaha	482003.49	0.0017388	0.48
Srah	18941860.42	0.07	18.94		Mortarstown + Howardstown	459305.51	0.0016569	0.46

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Stonepark	7399535.60	0.03	7.40		Elton / Coolalough	447656.27	0.0016149	0.45
Stradbally	93404350.12	0.34	93.40		Coolfin-Blown Sand Complex	440336.18	0.0015885	0.44
Stradbally Rocky Phase	17087855.51	0.06	17.09		Patrickswell + Howardstown + Elton	425425.64	0.0015347	0.43
Straffan	214211094.56	0.77	214.21		Coolfin Peaty Phase	421193.44	0.0015194	0.42
Street	238048734.52	0.86	238.05		Banagher Deep Phase + Alluvium	417285.18	0.0015053	0.42
Street Ladestown Banagher	7206409.20	0.03	7.21		Aherlow	408079.94	0.0014721	0.41
Suir	13376723.47	0.05	13.38		Ballycondon Steep Phase	406391.51	0.0014660	0.41
Suir-Coolfin Complex	330736.51	0.00	0.33		Clohernagh Sandy Phase	400114.89	0.0014434	0.40
Tallavbaun	2913725.96	0.01	2.91		Clashmore Shallow Phase	396025.64	0.0014286	0.40
Tallavbaun - Owenmore	25739898.26	0.09	25.74		Slievebeag	382763.91	0.0013808	0.38
Tallavbaun Bouldery Phase	7250634.83	0.03	7.25		Banagher Deep Phase + Ballintemple	374952.19	0.0013526	0.37
Tallavbaun Peaty Phase	894044.59	0.00	0.89		Suir-Coolfin Complex	330736.51	0.0011931	0.33
Templeshanbo	10256133.68	0.04	10.26		Knockboy Rolling Stony Phase	329171.07	0.0011874	0.33
Tidal	1084912.14	0.00	1.08		Banagher Deep Phase + 170 ??	322777.48	0.0011644	0.32
Tidal Marsh	1797400.51	0.01	1.80		Rock outcrop	304476.08	0.0010984	0.30
Toberbride	8125011.23	0.03	8.13		Darkisland / Howardstown	287718.46	0.0010379	0.29
Tomard	2773162.20	0.01	2.77		Lake	279068.81	0.0010067	0.28
Tourmakeady	7475412.37	0.03	7.48		Aughty + Turbary Complex Mountain	276074.02	0.0009959	0.28
Tramore	64685536.62	0.23	64.69		Slob Peaty Phase	268677.19	0.0009692	0.27
Tramore Peaty Phase	1894890.07	0.01	1.89		Bouldery Lake Alluvium	257961.76	0.0009306	0.26
Transitional Peat	4728466.29	0.02	4.73		Loughree Landform	245469.53	0.0008855	0.25
Trean	11587111.63	0.04	11.59		Kill Moderately Steep Phase	222344.17	0.0008021	0.22
Tullig	31673526.19	0.11	31.67		Clashmore Stony Phase	219099.96	0.0007904	0.22
Turbary	216619144.67	0.78	216.62		Ballycondon Rocky Phase	213737.74	0.0007710	0.21
Turbary (Complex)	3682339.95	0.01	3.68		Sellernaun	209146.67	0.0007545	0.21
Turbary Complex	116574466.74	0.42	116.57		Patrickswell Baggotstown Elton + Mylerstown	206137.23	0.0007436	0.21
Turbary Complex Mountainous	46593179.18	0.17	46.59		Blanket Peat / Coolalough	203863.64	0.0007354	0.20
Turbary Knockastanna	9011020.14	0.03	9.01		Basin Peat / Camoge	199021.26	0.0007179	0.20
Turbary Slieve Bloom Rossmore	3117832.25	0.01	3.12		Carney	198909.46	0.0007175	0.20
Unmapped	1653608.28	0.01	1.65		Letterbrock	198186.51	0.0007149	0.20
Urban	75054902.82	0.27	75.05		Howardstown Patrickswell + Alluvium	196842.45	0.0007101	0.20
Wardhouse	12279195.30	0.04	12.28		Howardstown + Ballyshear	182517.51	0.0006584	0.18
Water	744579718.08	2.69	744.58		Clonroche Steep Phase	145972.41	0.0005266	0.15
Waterford	19798660.63	0.07	19.80		Howardstown / Blanket Peat	144306.13	0.0005206	0.14
Waterpark	906422.82	0.00	0.91		Knockboy Very Rocky Phase	113306.39	0.0004087	0.11
Wexford Slob	20750683.46	0.07	20.75		Slieveveagh / Blanket Peat	97086.59	0.0003502	0.10
Wonderhill	3128520.51	0.01	3.13		Slieveveagh / Knockaceol	87797.73	0.0003167	0.09
TOTAL	27720937479.56	100.00	27720.94	1000000	TOTAL	27720937479.56	100.000000	27720.94

Annex II

Occurrence of Soil Series delineated on published AFT soil maps

includes complexes and phases

Page Link	Soil Series Name	Great Soil Group	County	Parent material
SoilSeries00184	Abbeyfeale	Gley	Limerick	Glacial drift & soliflucted material of Upper Carboniferous shale & sandstone composition; mainly of Saale Age
SoilSeries00589	Abbeyfeale Non Peaty Phase	Gley	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00289	Abbeyfeale non-Peaty Phase	Gley	Laois	Carboniferous shale of sandstone, flagstone & chert, Munsterian
SoilSeries00185	Abbeyfeale non-peaty phase	Gley	Limerick	Glacial drift & soliflucted material of Upper Carboniferous shale & sandstone composition; mainly of Saale Age
SoilSeries00290	Abbeyfeale Peaty Phase	Gley	Laois	Dense Calcareous Till composed of Sandstone Shale Flagstone & Limestone
SoilSeries00590	Abbeyfeale Sandy Phase	Gley	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00291	Abbeyfeale Undulating Phase	Gley	Laois	Dense Calcareous Till composed of Sandstone Shale Flagstone & Limestone
SoilSeries00221	Acaun	Brown Earth	Carlow	Fluvioglacial gravels, Saale (?) of limestone, with mica schist, granite & sandstone
SoilSeries00388	Accony	Dry Podzol	Mayo West	
SoilSeries00339	Aeolian Sands	Aeolian Sands	Wexford	Aeolian Sands
SoilSeries00389	Aglish	Gley	Mayo West	
SoilSeries00206	Aherlow	Regosols	Limerick	River alluvium (coarse textured, base-rich)
SoilSeries00391	Aille	Brown Earth	Mayo West	
SoilSeries00591	Allen	Peat	Clare	Peat
SoilSeries00271	Allen	Raised bog	Kildare	Peat
SoilSeries00292	Allen	Peat	Laois	Peat
SoilSeries00553	Allen	Raised Bog	Westmeath	Peat
SoilSeries00032	Allen	Peat	Meath	Peat soils
SoilSeries00154	Allen	Peat	Leitrim	Raised Bog Peats
SoilSeries00078	Allen	Peat	Tipperary	Raised Bog Peats
SoilSeries00473	Allen	Peat	Offaly	Raised Bog Peats of variable humification composed predominantly of Sphagnum Mosses
SoilSeries00592	Allen Cutover	Peat	Clare	Peat
SoilSeries00392	Allen Cutover	Raised Bog	Mayo West	
SoilSeries00272	Allenwood	Complex	Kildare	Calcareous limestone till
SoilSeries00474	Allenwood	Soil Complex	Offaly	Fen Peats, Calcareous Drift & Alluvium
SoilSeries00475	Alluvium	Regosol	Offaly	Alluvium
SoilSeries00340	Alluvium	Alluvium	Wexford	Alluvium
SoilSeries00386	Alluvium	Alluvium	Wexford	Alluvium
SoilSeries00293	Alluvium	Complex	Laois	River Alluvium
SoilSeries00393	Alluvium	Miscellaneous Land	Mayo West	
SoilSeries00394	Alluvium	Miscellaneous Land	Mayo West	
SoilSeries00341	Ambrosetown	Brown Earth H.B.S.	Wexford	Drift of predominantly shale composition
SoilSeries00159	Ardrum Association	Complex	Leitrim	Peat - Fen Peat
SoilSeries00022	Ashbourne	Gley	Meath	Till of Irish Sea provenance with limestone & shale
SoilSeries00023	Ashbourne Shaley Phase	Gley	Meath	Till of Irish Sea provenance with limestone & shale
SoilSeries00214	Ashgrove	Brown Earth	Limerick	Glacial lake alluvium & colluvium mainly of Coal Measure Shale origin
SoilSeries00213	Ashgrove complex	Complex	Limerick	
SoilSeries00273	Athy	Complex	Kildare	Calcareous fluvioglacial gravels
SoilSeries00222	Athy Complex	Complex	Carlow	Fluvioglacial gravels, Weichsel, of limestone, with sandstone & granite
SoilSeries00593	Attyquinn Howardstown	Complex	Clare	Glacial drift of limestone wth some sandstone & shale, Weichsel
SoilSeries00155	Aughty	Peat	Leitrim	Blanket Peat
SoilSeries00476	Aughty	Peat	Offaly	Highly humified Blanket Bog Peat
SoilSeries00079	Aughty	Peat	Tipperary	ombrotrophic peat
SoilSeries00594	Aughty	Peat	Clare	Peat
SoilSeries00294	Aughty	Peat	Laois	Peat
SoilSeries00395	Aughty	Blanket Peat	Mayo West	
SoilSeries00477	Aughty + Turbary Mountain	Peat complex	Offaly	Ombrotrophic peat of cyperaceous origin - Histosol (USDA Classification)
SoilSeries00595	Aughty Cutover	Peat	Clare	Peat
SoilSeries00295	Aughty Cutover	Peat	Laois	Peat
SoilSeries00398	Aughty Cutover	Blanket Peat	Mayo West	
SoilSeries00478	Aughty Eroded Phase	Peat	Offaly	Highly humified Blanket Bog Peat
SoilSeries00479	Aughty Eroded Phase	Peat	Offaly	Highly humified Blanket Bog Peat
SoilSeries00396	Aughty Rocky Phase	Blanket Peat	Mayo West	
SoilSeries00296	Aughty Shallow Phase	Peat	Laois	Peat
SoilSeries00480	Aughty Slumping Phase	Peat	Offaly	Highly humified Blanket Bog Peat
SoilSeries00297	Aughty Slumping Phase	Peat	Laois	Peat
SoilSeries00481	Baggotstown	Brown Earth	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00003	Baggotstown	Brown Earth	Meath	Fluvioglacial deposits of dominantly limestone composition
SoilSeries00554	Baggotstown	Brown Earth	Westmeath	Fluvioglacial Limestone
SoilSeries00043	Baggotstown	Brown Earth	Tipperary	Fluvioglacial materials of predominantly limestone composition
SoilSeries00164	Baggotstown	Brown Earth	Limerick	Glacial gravels & sands mainly of limestone with sandstone-shale & a few volcanic rocks; of Weichsel Age
SoilSeries00596	Baggotstown	Brown Earth	Clare	Outwash & fluvioglacial, of limestone with sandstone, shale & volcanics, Weichsel,
SoilSeries00482	Baggotstown + Mylerstown		Offaly	
SoilSeries00483	Baggotstown Carlow	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00484	Baggotstown Carlow + Mountrath		Offaly	
SoilSeries00485	Baggotstown Crush	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00555	Baggotstown Crush	Soil Complex	Westmeath	Complex
SoilSeries00085	Baggotstown Deep Variant	Brown Earth	Tipperary	Fluvioglacial deposits of limestone composition with some shale & sandstone
SoilSeries00099	Baggotstown Deep Variant	Brown Earth	Meath	Gravels composed of limestone, calcareous shale & shale
SoilSeries00552	Baggotstown Hummocky Phase	Brown Earth	Westmeath	Fluvioglacial Limestone
SoilSeries00486	Baggotstown Patrickswell	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00108	Baggotstown-Crush	Complex	Meath	limestone fluvioglacial sands & gravels
SoilSeries00121	Baggotstown-Crush	Complex	Tipperary	
SoilSeries00342	Baldwinstown	Brown Earth H.B.S.	Wexford	Drift of predominantly shale - limestone composition
SoilSeries00223	Ballinabranagh	Grey Brown Podzolic	Carlow	Soliflucted drift, Saale, glacial till, Weichsel, of limestone, chert, shale, sandstone & flagstone
SoilSeries00224	Ballinagilky	Podzol	Carlow	Glacial till, Saale, of granite
SoilSeries00299	Ballinakill	Grey Brown Podzolic	Laois	Dense Calcareous Till composed of Limestone Shale Sandstone & Flagstone
SoilSeries00146	Ballinamore	Gley	Leitrim	Glacial drift derived from calcareous shale, argillaceous & arenaceous limestone - Visean Age, Lwr Carboniferous
SoilSeries00156	Ballinamore-Allen	Complex	Leitrim	
SoilSeries00487	Ballincurra	Brown Earth	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00165	Ballincurra	Brown Earth	Limerick	Drift of limestone (with a little sandstone & shale) over limestone rock; of Weichsel Age
SoilSeries00597	Ballincurra	Brown Earth	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00044	Ballincurra	Brown Earth	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00556	Ballincurra	Brown Earth	Westmeath	Limestone Till over Limestone Bedrock
SoilSeries00004	Ballincurra	Brown Earth	Meath	Till of dominantly limestone composition
SoilSeries00343	Ballindaggan	Brown Podzolic	Wexford	Mica schist & drift of predominantly mica schist composition
SoilSeries00225	Ballindaggan	Brown Earth	Carlow	Shale with mica schist
SoilSeries00344	Ballinruan	Gley	Wexford	Drift of predominantly shale - sandstone composition
SoilSeries00226	Ballinrush	Gley	Carlow	Glacial till, Weichsel, of granite & limestone
SoilSeries00488	Ballintemple	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00489	Ballintemple + Clonlisk		Offaly	
SoilSeries00490	Ballintemple + Drombanny		Offaly	
SoilSeries00491	Ballintemple + Mylerstown		Offaly	
SoilSeries00175	Ballybrood	Brown Podzolic	Limerick	Glacial drift mainly of Millstone Grit origin with limestone, sandstone & felsite; of Weichsel Age
SoilSeries00179	Ballybrood	Brown Podzolic	Limerick	Glacial drift mainly of Millstone Grit origin with limestone, sandstone & felsite; of Weichsel Age
SoilSeries00397	Ballycastle	Grey Brown Podzolic	Mayo West	
SoilSeries00178	Ballydoole	Grey Brown Podzolic	Limerick	Glacial drift of mixed limestone-sandstone-shale composition; of Weichsel Age
SoilSeries00399	Ballyglass	Brown Earth	Mayo West	
SoilSeries00163	Ballyhaise Series—Lithic Phase	Gley	Leitrim	Glacial till derived from greywackes, siltstones, mudstones & shales of the Ordovician Period (not on map!)
SoilSeries00157	Ballyhaise-Corriga	Complex	Leitrim	Glacial drift derived from greywacke, siltstone, mudstone & shale - Ordovician period.
SoilSeries00400	Ballyknock	Gley	Mayo West	
SoilSeries00345	Ballyknockan	Gley	Wexford	Glacial sands coarse textured
SoilSeries00598	Ballylanders	Brown Earth	Clare	Glacial drift (soliflucted) & colluvium, mostly from Silurian shale (bedrock) with Old Red Sandstone, Saale & Weichsel
SoilSeries00492	Ballylanders	Brown Earth	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00167	Ballylanders	Brown Earth	Limerick	Solifluction deposits mainly of Silurian Shale (with some Old Red Sandstone influence); overlying a Saale Age drift
SoilSeries00124	Ballynalackan-Knockshigowna	Complex	Tipperary	
SoilSeries00171	Ballynalacken	Brown Earth	Limerick	Glacial drift & colluvium mainly from Silurian Shale with some Old Red Sandstone & few volcanics; Saale +Weichsel
SoilSeries00599	Ballynalacken	Brown Earth	Clare	Glacial drift (soliflucted) & colluvium, mostly from Silurian shale (bedrock) with Old Red Sandstone, Saale & Weichsel
SoilSeries00045	Ballynalacken	Brown Earth	Tipperary	Glacial till of predominantly shale composition
SoilSeries00180	Ballynamona	Grey Brown Podzolic	Limerick	Glacial drift composed mainly of volcanic material with a proportion of chert & a little limestone; of Saale Age
SoilSeries00216	Ballypierce Variant	Regosol	Limerick	Glacial lake alluvium & colluvium mainly of coal measure shale origin
SoilSeries00493	Ballyshear	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00300	Ballyshear	Gley	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00064	Ballyshear	Gley	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00024	Ballyshear	Gley	Meath	Till of dominantly limestone composition
SoilSeries00494	Ballyshear Patrickswell	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00557	Ballyshear Patrickswell	Soil Complex	Westmeath	Complex
SoilSeries00125	Ballyshear-Patrickswell Complex	Complex	Tipperary	
SoilSeries00227	Ballytarsna	Brown Earth	Carlow	Granite bedrock
SoilSeries00168	Ballyvorheen	Brown Earth	Limerick	Fluvio-glacial & out-wash materials mainly of Old Red Sandstone with some shale & limestone; of Weichsel Age
SoilSeries00088	Ballyvorheen	Brown Earth	Tipperary	glacial drift of old red sandstone & silurian shale composition
SoilSeries00228	Ballywilliam	Gley	Carlow	Glacial till, Saale, of granite & some chert
SoilSeries00346	Ballywilliam	Gley	Wexford	Granite & drift of predominantly granite composition
SoilSeries00080	Banagher	Peat	Tipperary	minerotrophic peat
SoilSeries00600	Banagher	Peat	Clare	Peat
SoilSeries00274	Banagher	Reclaimed peat	Kildare	Peat
SoilSeries00301	Banagher	Peat	Laois	Peat
SoilSeries00495	Banagher	Peat	Offaly	Peat
SoilSeries00558	Banagher	Fen Peat Improved	Westmeath	Peat
SoilSeries00035	Banagher	Peat	Meath	Peat soils
SoilSeries00496	Banagher Deep Phase	Peat	Offaly	Humified Fen Peats composed of variable amounts of Sedges, Mosses Reed & Wood remains

Occurrence of Soil Series delineated on published AFT soil maps

includes complexes and phases

Page Link	Soil Series Name	Great Soil Group	County	Parent material
SoilSeries00497	Banagher Shallow Phase	Peat	Offaly	Humified Fen Peats composed of variable amounts of Sedges, Mosses, Reed & Wood remains
SoilSeries00347	Bannow	Grey Brown Podzolic	Wexford	Glacial sands with shale drift admixture
SoilSeries00348	Basin Peat	Peat	Wexford	Basin Peat
SoilSeries00229	Basin Peat	Complex	Carlow	Peat
SoilSeries00201	Basin Peat	Peat	Limerick	
SoilSeries00498	Baunreagh	Brown Earth	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00302	Baunreagh	Brown Earth	Laois	Shale bedrock & Till composed mainly of Shale with a little Sandstone
SoilSeries00499	Baunreagh Steep Phase	Brown Earth	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00303	Baunreagh Steep Phase	Brown Earth	Laois	Shale bedrock & Till composed mainly of Shale with a little Sandstone
SoilSeries00500	Bawnrush	Gley	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00304	Bawnrush	Gley	Laois	Shale bedrock & Till composed mainly of Shale with a little Sandstone
SoilSeries00401	Bellacorick - Glenamoy	Complex	Mayo West	
SoilSeries00230	Belmount	Gley	Carlow	Glacial till, Saale, of granite & some chert
SoilSeries00402	Belmullet	Gley	Mayo West	
SoilSeries00403	Beltra	Wet Podzol	Mayo West	
SoilSeries00349	Black Rock Mountain	Podzol	Wexford	Mainly mica schist bedrock
SoilSeries00231	Black Rock Mountain	Podzol	Carlow	Shale with mica schist
SoilSeries00232	Blackstairs	Podzol	Carlow	Granite bedrock
SoilSeries00350	Blackstairs	Podzol	Wexford	Mainly granite bedrock
SoilSeries00353	Blackstairs	Podzol	Wexford	Mainly granite bedrock, Saale
SoilSeries00202	Blanket peat	Peat	Limerick	
SoilSeries00404	Blown Sand	Miscellaneous Land	Mayo West	
SoilSeries00298	Boggotstown Carlow	Complex	Laois	Calcareous Fluvioglacial Gravels composed mainly of Limestone
SoilSeries00081	Boora	Peat	Tipperary	minerotrophic peat- woody fen origin
SoilSeries00275	Boora Complex	Peat	Kildare	Peat
SoilSeries00137	Boora Complex	Peat	Tipperary	
SoilSeries00233	Borris	Brown Earth	Carlow	Glacial till, Saale, of granite & some chert
SoilSeries00056	Borrisoleigh	Brown Podzolic	Tipperary	Glacial till of predominantly shale composition
SoilSeries00057	Borrisoleigh Steep Phase	Brown Podzolic	Tipperary	Glacial till of predominantly shale composition
SoilSeries00122	Borrisoleigh-Ballynalackan	Complex	Tipperary	
SoilSeries00123	Borrisoleigh-Knockshigowna	Complex	Tipperary	early Palaeozoic shales
SoilSeries00559	Bouldery Lake Alluvium		Westmeath	Lake Alluvium
SoilSeries00037	Boyne Alluvium	Complex	Meath	Alluvium derived from limestone & shale
SoilSeries00111	Boyne Alluvium Complex	Complex	Meath	alluvium with limestone & shale
SoilSeries00654	Boyne Alluvium- Organic component	Regosol	Meath	alluvium with limestone & shale
SoilSeries00656	Boyne Alluvium- Terrace component	Brown Earth	Meath	alluvium with limestone & shale
SoilSeries00655	Boyne Alluvium- well drained	Regosol.	Meath	alluvium with limestone & shale
SoilSeries00653	Boyne Alluvium-Poorly drained	Gley	Meath	alluvium with limestone & shale
SoilSeries00351	Broadway	Brown Earth H.B.S.	Wexford	Glacial sands with mixed drift admixture
SoilSeries00352	Broomhill	Brown Earth L.B.S.	Wexford	Drift of predominantly sandstone composition
SoilSeries00234	Broughillstown Complex	Complex	Carlow	Fluvioglacial gravels, Weichsel, of limestone, with granite, greenstone, mica schist & sandstone
SoilSeries00601	Burren	Rendzina	Clare	Carboniferous limestone bedrock
SoilSeries00008	Burren	Rendzina	Meath	Limestone bedrock
SoilSeries00501	Burren	Rendzina	Offaly	Limestone Bedrock
SoilSeries00049	Burren	Rendzina	Tipperary	Limestone bedrock
SoilSeries00560	Burren	Rendzina	Westmeath	Limestone Bedrock
SoilSeries00152	Burren	Rendzina	Leitrim	Very shallow glacial drift & calcareous bedrock; drift derived from calcareous rocks; Visean Age, Lwr Carboniferous
SoilSeries00602	Burren Ballincurra	Complex	Clare	Glacial drift, Limestone strata
SoilSeries00603	Burren Deeper Phase	Rendzina	Clare	Carboniferous limestone bedrock
SoilSeries00604	Burren Extremely Rocky Phase	Rendzina	Clare	Carboniferous limestone bedrock
SoilSeries00605	Burren Rocky Phase	Rendzina	Clare	Carboniferous limestone bedrock
SoilSeries00050	Burren Rocky Phase	Rendzina	Tipperary	Limestone bedrock
SoilSeries00606	Burren Very Rocky Phase	Rendzina	Clare	Carboniferous limestone bedrock
SoilSeries00405	Burren Very Rocky Phase	Rendzina	Mayo West	
SoilSeries00502	Callow	Soil Complex	Offaly	Fen Peats, Calcareous Drift & Alluvium
SoilSeries00025	Camoge	Gley	Meath	Alluvium derived from dominantlly limestone till
SoilSeries00065	Camoge	Gley	Tipperary	Alluvium of mixed limestone-sandstone composition
SoilSeries00607	Camoge	Gley	Clare	Lake alluvium, base content varying, varying texture
SoilSeries00561	Camoge	Gley	Westmeath	River Alluvium
SoilSeries00207	Camoge	Gley	Limerick	River alluvium (fine textured, base-rich)
SoilSeries00126	Camoge-Milltownpass	Complex	Tipperary	
SoilSeries00305	Cardtown	Complex	Laois	Fluvioglacial gravels composed mainly of Sandstone Shale & Limestone
SoilSeries00503	Cardtown	Soil Complex	Offaly	Fluvioglacial gravels composed mainly of Sandstone Shale & Limestone
SoilSeries00355	Carne	Unclassified	Wexford	Glacial sands with slight granite influence
SoilSeries00040	Carney	Regosol	Tipperary	Limestone alluvium
SoilSeries00356	Carrickbyrne Complex	Podzol complex	Wexford	Shales with mixed igneous rock outcrops
SoilSeries00172	Carrigogunnel	Brown Earth	Limerick	Felsitic ash having a high proportion of calcite
SoilSeries00235	Carrigvahanagh	Lithosol	Carlow	Granite bedrock
SoilSeries00406	Castlebar	Brown Earth	Mayo West	
SoilSeries00236	Castlecomer	Gley	Carlow	Soliflucted drift, Saale, Carboniferous shale, sandstone & flagstone
SoilSeries00358	Clohamon	Brown Podzolic	Wexford	River alluvium & terrace gravels
SoilSeries00237	Clohamon	Regosol	Carlow	River alluvium, base poor
SoilSeries00306	Clonaslee	Gley	Laois	Calcareous Fluvioglacial Gravels composed mainly of Limestone
SoilSeries00238	Clonegall	Brown Podzolic	Carlow	Glacial till, Saale, of shale & granite
SoilSeries00504	Clonin	Soil Complex	Offaly	Sandstone Bedrock & Drift composed mainly of Sandstone with a little Shale & Chert
SoilSeries00307	Clonin	Complex	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00505	Clonin + Cardtown		Offaly	
SoilSeries00506	Clonlisk	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00507	Clonlisk + Ballintemple		Offaly	
SoilSeries00359	Clonroche	Brown Earth L.B.S.	Wexford	Shale & drift of predominantly shale composition
SoilSeries00562	Clonsast	Peat Complex Industria	Westmeath	Peat
SoilSeries00038	Clonsast	Peat	Meath	Peat soils
SoilSeries00276	Clonsast Complex	Peat complex	Kildare	Peat
SoilSeries00138	Clonsast Complex	Peat	Tipperary	
SoilSeries00140	Clooncarreen	Grey Brown Podzolic	Leitrim	Glacial drift from calcareous sandstone, conglomerate, arkose & grit (Boyle Sandstone Group) - Visean Age, L Carbonif.
SoilSeries00169	Cloverfield	Brown Earth	Limerick	Glacial drift mostly of Millstone Grit & shale origin, with an admixture mainly of limestone-sandstone; of Weichsel Age
SoilSeries00239	Clowater	Gley	Carlow	Glacial till, Weichsel, of mainly limestone with granite & sandstone
SoilSeries00186	Cluggin	Gley	Limerick	Glacial drift equal proportions of limestone & sandstone with some shale: of Weichsel Age
SoilSeries00308	Conlawn	Podzol	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00608	Cooga	Brown Podzolic	Clare	Coarse textured glacial & fluviglacial, mostly Old Red Sandstone & Silurian shale with some limestone, Weichsel
SoilSeries00176	Cooga	Brown Podzolic	Limerick	Fluvio-glacial drift composed mainly of Old Red Sandstone, with some shale & limestone; of Weichsel Age
SoilSeries00058	Cooga	Brown Podzolic	Tipperary	Fluvioglacial materials of sandstone-shale composition
SoilSeries00360	Coolaknick	Gley	Wexford	Lake alluvium Base rich
SoilSeries00361	Coolaknick	Gley	Wexford	Lake alluvium Base rich
SoilSeries00563	Coolalough	Gley	Westmeath	Lake Alluvium
SoilSeries00203	Coolalough	Gley	Limerick	Lake alluvium (fine textured base-rich)
SoilSeries00066	Coolalough	Gley	Tipperary	Limestone alluvium
SoilSeries00240	Coolnakisha	Gley	Carlow	Soliflucted drift, Saale, glacial till, Weichsel, of limestone, chert, shale, sandstone & flagstone
SoilSeries00141	Corriga	Brown Podzolic	Leitrim	Glacial drift derived from greywacke, siltstone, mudstone & shale - Ordovician period.
SoilSeries00161	Corriga Series—Bouldery Phase (NOT Mapped)	Brown Podzolic	Leitrim	Glacial drift derived from Ordovician greywackes, siltstones & mudstones & shales
SoilSeries00508	Croghan	Brown Earth	Offaly	Volcanic Greenstone Ash
SoilSeries00362	Crosstown Complex	Grey Brown Podzolic	Wexford	Mixed drift deposits
SoilSeries00153	Crumpaun	Lithosol	Leitrim	Scree material derived from Glenear & Dartry Limestones - Visean Age, Lower Carboniferous Period.
SoilSeries00090	Crush	Rendzina	Tipperary	fluvioglacial gravels of limestone composition
SoilSeries00009	Crush	Rendzina	Meath	limestone shale & gravels
SoilSeries00309	Cullahill	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00266	Cupidstownhill	Podzol	Kildare	Ordovician shale
SoilSeries00208	Dark island	Gley	Limerick	River alluvium (fine textured, base-rich)
SoilSeries00166	Derk	Brown Earth	Limerick	Glacial drift (Weichsel) comprising> 60% volcanics (mainly pyroclastic feldspar rocks) with some limestone, shale & sandst.
SoilSeries00652	Derk	Brown Earth	Clare	Glacial drift derived from ignious volcanic rocks, with some limestone, sandstone & shale admixture, Weichsel
SoilSeries00100	Derk Lithosol Variant	Lithosol	Meath	Basalt
SoilSeries00005	Derk Shaley Phase	Brown Earth	Meath	Till of predominantly basalt composition with some shale & limestone
SoilSeries00067	Derrygareen	Gley	Tipperary	Fluvioglacial materials of predominantly sandstone composition
SoilSeries00269	Donaghcumper	Grey Brown Podzolic	Kildare	Limestone bedrock
SoilSeries00407	Dooncarton	Wet Podzol	Mayo West	
SoilSeries00194	Doonglara	Podzol	Limerick	Colluvium derived from Old Red Sandstone & conglomerates; of Devonian Age
SoilSeries00059	Doonglara	Brown Podzolic	Tipperary	Glacial till of predominantly sandstone composition, some sandstone bedrock
SoilSeries00609	Doonglara	Brown Podzolic	Clare	Old Red Sandstone & colluvium of Old Red Sandstone
SoilSeries00408	Dooyork	Brown Earth	Mayo West	
SoilSeries00046	Dovea	Brown Earth	Tipperary	Glacial till composed of limestone & shale
SoilSeries00204	Drombanny	Gley	Limerick	Lake alluvium (medium textured, base-rich)
SoilSeries00610	Drombanny	Gley	Clare	Lake alluvium, base rich, varying texture
SoilSeries00509	Drombanny	Gley	Offaly	Lake Marl over Alluvium
SoilSeries00068	Drombanny	Gley	Tipperary	Limestone alluvium
SoilSeries00026	Drombanny	Gley	Meath	Marl & calcareous lake deposits
SoilSeries00564	Drombanny	Gley	Westmeath	Peaty Lake Alluvium
SoilSeries00510	Drombanny + Banagher Deep Phase		Offaly	
SoilSeries00147	Drumkeeran	Gley	Leitrim	Glacial drift derived from shales, coal measures, sandstones & conglomerates - Namurian Age, Upper Carboniferous
SoilSeries00162	Drumkeeran Series - Peaty Phase	Peaty Gley	Leitrim	Glacial drift derived from Namurian shale with some limestone conglomerate & sandstone influence
SoilSeries00409	Drummin	Dry Podzol	Mayo West	
SoilSeries00410	Drummin - Letterbrock Rocky	Complex	Mayo West	

Occurrence of Soil Series delineated on published AFT soil maps

includes complexes and phases

Page Link	Soil Series Name	Great Soil Group	County	Parent material
SoilSeries00411	Drummin - Owenmore	Complex	Mayo West	
SoilSeries00412	Drummin Bouldery Phase	Dry Podzol	Mayo West	
SoilSeries00413	Drumsleed	Wet Podzol	Mayo West	
SoilSeries00414	Drumsleed Peaty Phase	Wet Podzol	Mayo West	
SoilSeries00010	Dunboyne	Grey Brown Podzolic	Meath	Till of Irish Sea provenance with limestone & shale
SoilSeries00011	Dunboyne Gravelly Phase	Grey Brown Podzolic	Meath	Till of Irish Sea provenance with limestone & shale
SoilSeries00012	Dunboyne Shaley Phase	Grey Brown Podzolic	Meath	Till of Irish Sea provenance with limestone & shale
SoilSeries00112	Dunboyne-Ashbourne	Complex	Meath	drift of irish sea provenance with limestone & shale
SoilSeries00113	Dunboyne-Ashbourne Shaley Phase	Complex	Meath	drift of irish sea provenance with shale & limestone
SoilSeries00114	Dunboyne-Ladestown	Complex	Meath	till & fluvioglacial materials of limestone, shale & chert
SoilSeries00270	Dunnstown	Gley	Kildare	Calcareous limestone till
SoilSeries00027	Dunsany	Gley	Meath	River or lake alluvium derived from limestone & shale
SoilSeries00310	Dysart Hills	Complex	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00511	Elton	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00277	Elton	Grey Brown Podzolic	Kildare	Calcareous limestone till
SoilSeries00311	Elton	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00611	Elton	Grey Brown Podolic	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00181	Elton	Grey Brown Podzolic	Limerick	Glacial drift mainly of limestone but with a small proportion of sandstone, shale & volcanics; of Weichsel Age
SoilSeries00052	Elton	Grey Brown Podzolic	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00565	Elton	Grey Brown Podzolic	Westmeath	Limestone Till
SoilSeries00013	Elton	Grey Brown Podzolic	Meath	Till of dominantly limestone composition
SoilSeries00415	Elton	Grey-Brown Podzolic	Mayo West	
SoilSeries00416	Fahy	Grey-Brown Podzolic	Mayo West	
SoilSeries00028	Feale	Gley	Meath	Alluvium derived mostly from shale
SoilSeries00612	Feale	Gley	Clare	Lake alluvium, base content varying, varying texture
SoilSeries00209	Feale	Regosol	Limerick	River alluvium (medium textured, base-poor)
SoilSeries00069	Feale	Gley	Tipperary	Shale alluvium with some limestone influence
SoilSeries00105	Feale Dry Variant	Regosol	Meath	Shale with some limestone
SoilSeries00363	Fethard	Grey Brown Podzolic	Wexford	Drift of predominantly shale - sandstone composition
SoilSeries00566	Finnea Banagher Allen	Soil Complex	Westmeath	Complex
SoilSeries00278	Finnery	Complex	Kildare	River alluvium
SoilSeries00512	Finnery River	Soil Complex	Offaly	Fen Peats, Calcareous Drift & Alluvium
SoilSeries00279	Fontstown	Grey Brown Podzolic	Kildare	Calcareous limestone till
SoilSeries00312	Fontstown	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00364	Forth Commons	Podzol	Wexford	Quartzite & derived drift
SoilSeries00280	Garristown	Gley	Kildare	Till of shale, sandstone & limestone
SoilSeries00513	Garryhinch	Soil Complex	Offaly	Fen Peats, Calcareous Drift & Alluvium
SoilSeries00514	Garrymona	Peat	Offaly	Raised Bog Peats of variable humification composed predominantly of Sphagnum Mosses
SoilSeries00160	Garvagh	Gley	Leitrim	Glacial drift derived from siliceous limestone with some sandstone influence - Visean Age, Lower Carboniferous Period
SoilSeries00117	Glane Complex	Complex	Meath	Namurian shale bedrock & till
SoilSeries00417	Glenamoy	Blanket Peat	Mayo West	
SoilSeries00418	Glenamoy - Aughty	Complex	Mayo West	
SoilSeries00419	Glenamoy Cutover	Blanket Peat	Mayo West	
SoilSeries00613	Glenomra	Gley	Clare	Lake alluvium, base content varying, varying texture
SoilSeries00614	Gortclareen	Gley	Clare	Glacial drift of Old Red Sandstone with Silurian shale & some limestone, Saale, Weichsel
SoilSeries00187	Gortclareen	Gley	Limerick	Glacial drift predominantly of Old Red Sandstone composition with some shale-limestone admixture; of Weichsel Age
SoilSeries00070	Gortclareen	Gley	Tipperary	Glacial till mainly of mixed sandstone-shale composition (with some limestone)
SoilSeries00515	Gortclareen	Gley	Offaly	Sandstone Bedrock & Drift composed mainly of Sandstone with a little Shale & Chert
SoilSeries00420	Gortclareen	Gley	Mayo West	
SoilSeries00421	Gortclareen - Fahy	Complex	Mayo West	
SoilSeries00083	Gortnamona	Peat	Tipperary	ombrotrophic peat
SoilSeries00313	Gortnamona	Peat	Laois	Peat
SoilSeries00567	Gortnamona	Raised Bog Cutover Re	Westmeath	Peat
SoilSeries00033	Gortnamona	Peat	Meath	Peat soils
SoilSeries00516	Gortnamona	Peat	Offaly	Raised Bog Peats of variable humification composed predominantly of Sphagnum Mosses
SoilSeries00517	Graceswood	Podzol-Grey Brown Pod	Offaly	Calcareous Fluvioglacial Sands
SoilSeries00314	Graceswood	Podzol-Grey Brown Pod	Laois	Glacial Sand overlying Limestone Till
SoilSeries00281	Grange	Grey Brown Podzolic	Kildare	Calcareous limestone till
SoilSeries00241	Greenane	Gley	Carlow	Glacial till, Weichsel, of mainly limestone with granite & sandstone
SoilSeries00205	Griston	Gley	Limerick	Lake sediments (coarse textured, base-rich)
SoilSeries00422	Gweesalia	Blanket Peat	Mayo West	
SoilSeries00366	Hill Peat	Hill Peat	Wexford	Hill Peat
SoilSeries00242	Hill Peat	Complex	Carlow	Peat
SoilSeries00423	Hill Peat	Hill and Mountain	Mayo West	
SoilSeries00367	Hook Head	Grey Brown Podzolic	Wexford	Drift of predominantly limestone composition
SoilSeries00518	Howardstown	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00315	Howardstown	Gley	Laois	Calcareous Till composed mainly of Limestone with a mixture of Shale & Sandstone
SoilSeries00149	Howardstown	Gley	Leitrim	Glacial drift derived from limestone with some sandstone, shale & conglomerate influence -Visean Age, Lwr Carboniferous
SoilSeries00615	Howardstown	Gley	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00188	Howardstown	Gley	Limerick	Glacial drift predominantly of limestone composition with a mixture of shale, sandstone & volcanics; of Weichsel Age
SoilSeries00071	Howardstown	Gley	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00568	Howardstown	Gley	Westmeath	Limestone Till
SoilSeries00029	Howardstown	Gley	Meath	Till of dominantly limestone composition
SoilSeries00519	Howardstown + Ballyshear		Offaly	
SoilSeries00520	Howardstown Baggotstown	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00569	Howardstown Baggotstown	Soil Complex	Westmeath	Complex
SoilSeries00521	Howardstown Patrickswell	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00570	Howardstown Patrickswell	Soil Complex	Westmeath	Complex
SoilSeries00522	Howardstown Patrickswell + Alluvium		Offaly	
SoilSeries00127	Howardstown-Baggotstown	Complex	Tipperary	
SoilSeries00128	Howardstown-Patrickswell	Complex	Tipperary	
SoilSeries00267	Hughstown	Brown Earth	Kildare	Ordovician shale
SoilSeries00316	Industrial Complex	Peat	Laois	Peat
SoilSeries00243	Keeloge	Brown Earth	Carlow	Carboniferous shale bedrock
SoilSeries00282	Kellistown	Grey Brown Podzolic	Kildare	Calcareous limestone granite till
SoilSeries00244	Kellistown	Grey Brown Podzolic	Carlow	Glacial till, Weichsel, of mainly limestone with granite & sandstone
SoilSeries00006	Kells	Brown Earth	Meath	Till of dominantly shale composition
SoilSeries00283	Kennycourt	Grey Brown Podzolic	Kildare	Calcareous limestone shale till
SoilSeries00170	Kilbeheny	Brown Earth	Limerick	Glacial drift of predominantly Old Red Sandstone composition with shale admixture; of Saale Age
SoilSeries00051	Kilcolgan	Rendzina	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00616	Kilcolgan	Rendzina	Clare	Limestone drift, Weichsel
SoilSeries00617	Kilcolgan Bouldery Phase	Rendzina	Clare	Limestone drift, Weichsel
SoilSeries00072	Kilcommon	Gley	Tipperary	Glacial till of predominantly shale composition
SoilSeries00073	Kilcommon Peaty Phase	Gley	Tipperary	Glacial till of predominantly shale composition
SoilSeries00618	Kilfenora	Grey Brown Podolic	Clare	Upper Carboniferous shale & limestone drift, Weichsel
SoilSeries00173	Kilfergus	Brown Earth	Limerick	Glacial drift (containing many boulders) of Upper Carboniferous shale-sandstone origin; mainly of Weichsel Age
SoilSeries00619	Kilfergus	Brown Earth	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00620	Kilgory	Regosol	Clare	Lake alluvium, base content varying, varying texture
SoilSeries00074	Kilgory	Gley	Tipperary	Sandstone alluvium
SoilSeries00424	Killadoon	Gley	Mayo West	
SoilSeries00425	Killadoon Bouldery Phase	Gley	Mayo West	
SoilSeries00426	Killadoon Peaty Phase	Gley	Mayo West	
SoilSeries00368	Killinick	Brown Earth H.B.S.	Wexford	Glacial sandy drift over gravels. Calcareous
SoilSeries00427	Killnageer	Dry Podzol	Mayo West	
SoilSeries00369	Kilmannock	Gley	Wexford	River & estuarine alluvium
SoilSeries00246	Kilmannock	Regosol	Carlow	River alluvium, base rich
SoilSeries00370	Kilmore Slob	Gley	Wexford	Estuarine alluvium coarse textured
SoilSeries00142	Kilnageer	Brown Podzolic	Leitrim	Glacial drift derived from course grained gneiss, quartzite, micascist & epidiorite - mainly Moinian Period.
SoilSeries00523	Kilpatrick	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00284	Kilpatrick	Gley	Kildare	Calcareous limestone till
SoilSeries00371	Kilpierce	Gley	Wexford	Shale & drift of predominantly shale composition
SoilSeries00189	Kilrush	Gley	Limerick	Glacial drift of Upper Carboniferous shale-sandstone origin & mainly of Weichsel Age
SoilSeries00621	Kilrush	Gley	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00245	Kiltealy	Brown Podzolic	Carlow	Glacial till, Saale, of granite
SoilSeries00372	Kiltealy	Brown Podzolic	Wexford	Granite & drift of predominantly granite composition
SoilSeries00150	Kiltyclogher	Gley	Leitrim	Glacial drift derived from sandstone, shale & conglomerate - Namurian Age, Upper Carboniferous Period.
SoilSeries00047	Kinvarra	Brown Earth	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00622	Kinvarra	Brown Earth	Clare	Limestone drift, Weichsel
SoilSeries00428	Kinvarra	Brown Earth	Mayo West	
SoilSeries00623	Kinvarra Bouldery Phase	Brown Earth	Clare	Limestone drift, Weichsel
SoilSeries00524	Knock	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00195	Knockaceol	Podzol	Limerick	Colluvium from Old Red Sandstone & conglomerate (Devonian Age) over the bedrock
SoilSeries00060	Knockaceol	Podzol	Tipperary	Mainly sandstone bedrock
SoilSeries00624	Knockaceol	Podzol	Clare	Old Red Sandstone & colluvium of Old Red Sandstone
SoilSeries00625	Knockaceol Bouldery Phase	Podzol	Clare	Old Red Sandstone & colluvium of Old Red Sandstone
SoilSeries00095	Knockaceol Peaty Phase	Peat	Tipperary	Mainly sandstone bedrock
SoilSeries00218	Knockainy Variant	Brown Earth	Limerick	Glacial drift of predominantly limestone origin having an admixture of sandstone, shale & volcanics
SoilSeries00626	Knockanattin	Podzol	Clare	Old Red Sandstone drift, Weichsel
SoilSeries00429	Knockanattin	Wet Podzol	Mayo West	
SoilSeries00430	Knockanattin - Letter	Complex	Mayo West	
SoilSeries00431	Knockanattin - Letter Bouldery	Complex	Mayo West	

Occurrence of Soil Series delineated on published AFT soil maps

includes complexes and phases

Page Link	Soil Series Name	Great Soil Group	County	Parent material
SoilSeries00432	Knockanattin - Letter Peaty	Complex	Mayo West	
SoilSeries00433	Knockanattin Bouldery Phase	Wet Podzol	Mayo West	
SoilSeries00434	Knockanattin Peaty Phase	Wet Podzol	Mayo West	
SoilSeries00627	Knockanimpaha	Podzol	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00196	Knockanimpaha	Podzol	Limerick	Upper Carboniferous shale & grit bedrock & associated colluvium
SoilSeries00197	Knockastanna	Podzol	Limerick	Colluvium of Silurian Shale origin with a proportion of Old Red Sandstone, overlying shale bedrock
SoilSeries00628	Knockastanna	Podzol	Clare	Glacial drift (soliflucted) & colluvium, mostly from Silurian shale (bedrock) with Old Red Sandstone, Saale & Weichsel
SoilSeries00061	Knockastanna	Podzol	Tipperary	Glacial till of predominantly shale composition
SoilSeries00629	Knockastanna Peaty Phase	Podzol	Clare	Glacial drift (soliflucted) & colluvium, mostly from Silurian shale (bedrock) with Old Red Sandstone, Saale & Weichsel
SoilSeries00062	Knockastanna Peaty Phase	Podzol	Tipperary	Glacial till of predominantly shale composition
SoilSeries00525	Knockastanna Peaty Phase	Podzol	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00317	Knockastanna Peaty Phase	Podzol	Laois	Shale bedrock & Till composed mainly of Shale with a little Sandstone
SoilSeries00129	Knockastanna-Knockshigowna	Complex	Tipperary	
SoilSeries00318	Knockbeg	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00319	Knockbeg Stony Phase	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00219	Knockcommane Variant	Podzol	Limerick	Glacial drift predominantly of Old Red Sandstone composition with shale admixture, of Saale Age
SoilSeries00002	Knockeyon	Lithosol	Meath	Carboniferous chert bedrock
SoilSeries00571	Knockeyon	Lithosol	Westmeath	Chert Bedrock
SoilSeries00098	Knockeyon Slightly Peaty Podzol Variant	Podzol	Meath	hill wash from chert hillslope with some limestone & shale
SoilSeries00247	Knockmullgurry	Gley	Carlow	Glacial till, Saale, of granite & some chert
SoilSeries00048	Knocknaskeha	Brown Earth	Tipperary	Glacial till of mixed sandstone-shale composition
SoilSeries00630	Knocknaskeha	Brown Earth	Clare	Limestone, Old Red Sandstone drift, Weichsel
SoilSeries00130	Knocknaskeha-Doonglara	Complex	Tipperary	
SoilSeries00373	Knockroe	Gley	Wexford	Drift of predominantly shale - granite composition
SoilSeries00091	Knockshigowna	Lithosol	Tipperary	Silurian or Ordovician shales
SoilSeries00248	Knocksquire	Brown Podzolic	Carlow	Granite bedrock
SoilSeries00007	Ladestown	Brown Earth	Meath	Fluvioglacial deposits of dominantly shale, limestone & chert composition
SoilSeries00572	Ladestown	Brown Earth	Westmeath	Fluvioglacial Limestone Shale & Chert
SoilSeries00573	Ladestown Rathowen	Soil Complex	Westmeath	Complex
SoilSeries00574	Ladestown Rathowen Banagher	Soil Complex	Westmeath	Complex
SoilSeries00109	Ladestown-Rathowen-Banagher	Complex	Meath	till to fluvioglacial sands & gravels of limestone, shale & chert composition
SoilSeries00435	Letter	Gley	Mayo West	
SoilSeries00436	Letter - Owenmore	Complex	Mayo West	
SoilSeries00437	Letter - Srah	Complex	Mayo West	
SoilSeries00438	Letterbrock	Wet Podzol	Mayo West	
SoilSeries00439	Letterbrock Bouldery Phase	Wet Podzol	Mayo West	
SoilSeries00265	Lifey	Regosol	Kildare	River alluvium
SoilSeries00139	Loughmuirran	Brown Earth	Leitrim	Colluvium derived from Benbulbin Shale & Glenear Limestone - Visean Age, Lower Carboniferous Period
SoilSeries00210	Lyre	Gley	Limerick	River alluvium (medium textured, base-poor)
SoilSeries00374	Macamore	Gley	Wexford	Dense drift of Irish Sea origin Calcareous
SoilSeries00526	Machine Peat	Peat Complex	Offaly	Raised Bog & Fen Peats
SoilSeries00440	Massbrook	Wet Podzol	Mayo West	
SoilSeries00441	Massbrook Bouldery Phase	Wet Podzol	Mayo West	
SoilSeries00442	Massbrook Peaty Phase	Wet Podzol	Mayo West	
SoilSeries00527	Milled Peat	Peat Complex	Offaly	Raised Bog & Fen Peats
SoilSeries00375	Millquarter	Gley	Wexford	Lake alluvium Base poor
SoilSeries00249	Millquarter	Regosol	Carlow	Lake alluvium, base poor
SoilSeries00041	Milltownpass	Regosol	Tipperary	Limestone alluvium
SoilSeries00575	Milltownpass	Regosol	Westmeath	River Alluvium
SoilSeries00528	Misc Land Unit	Misc Land Unit	Offaly	
SoilSeries00250	Moanduff	Gley	Carlow	Soliflucted drift, Saale, glacial till, Weichsel, of limestone, chert, shale, sandstone & flagstone
SoilSeries00529	Mortarstown	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00268	Mortarstown	Grey Brown Podzolic	Kildare	Calcareous limestone till
SoilSeries00251	Mortarstown	Grey Brown Podzolic	Carlow	Glacial till, Weichsel, mainly limestone
SoilSeries00092	Mortarstown	Grey Brown Podzolic	Tipperary	limestone till with some shale & sandstone
SoilSeries00014	Mortarstown	Grey Brown Podzolic	Meath	Till of dominantly limestone composition
SoilSeries00530	Mortarstown + Howardstown		Offaly	
SoilSeries00158	Mortarstown-Kinvarra	Complex	Leitrim	Glacial drift from Limestone (siliceous, argillaceous & arenaceous) with some sandstone & shale-Visean Age, Lwr Carbonif.
SoilSeries00177	Mountcollins	Brown Podzolic	Limerick	Colluvium mainly of Coal Measure Shale with some glacial drift admixture of Millstone Grit origin; Saale Age
SoilSeries00143	Mountcollins	Brown Podzolic	Leitrim	Glacial drift derived from shales, coal measures, sandstones & conglomerates - Namurian Age, Upper Carboniferous
SoilSeries00631	Mountcollins	Brown Podzolic	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00632	Mountcollins Kilrush	Complex	Clare	Upper Carboniferous shales & sandstones
SoilSeries00190	Mountminnett	Gley	Limerick	Glacial drift of mainly Millstone Grit & shale composition but with a limestone-sandstone admixture; of Weichsel Age
SoilSeries00531	Mountrath	Soil Complex	Offaly	Calcareous Drift mainly of Limestone & Sandstone
SoilSeries00320	Mountrath	Complex	Laois	Calcareous Till composed mainly of Limestone & Sandstone
SoilSeries00211	Mulkear	Regosol	Limerick	River alluvium (medium-coarse textured, base-rich)
SoilSeries00532	Mylerstown	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00264	Mylerstown	Gley	Kildare	Calcareous limestone till
SoilSeries00321	Mylerstown	Gley	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00075	Mylerstown	Gley	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00576	Mylerstown	Gley	Westmeath	Gravelly Limestone Till
SoilSeries00030	Mylerstown	Gley	Meath	Till of limestone & shale composition
SoilSeries00533	Mylerstown + Ballyshear		Offaly	
SoilSeries00534	Mylerstown + Clonlisk		Offaly	
SoilSeries00322	Mylerstown Imperfectly Drained Phase	Gley	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00376	Nethertown	Podzol	Wexford	Glacial sands with more extensive granite influence
SoilSeries00285	Newtown	Gley	Kildare	Calcareous limestone granite till
SoilSeries00252	Newtown	Gley	Carlow	Glacial till, Weichsel, of mainly limestone with granite & sandstone
SoilSeries00535	Non soil area	Non soil area		
SoilSeries00387	Old Ross	Brown Earth L.B.S.	Wexford	Drift of predominantly shale - granite composition
SoilSeries00379	Oulartleigh	Gley	Wexford	Lake alluvium Base rich
SoilSeries00443	Owenmore	Blanket Peat	Mayo West	
SoilSeries00444	Owenmore	Blanket Peat	Mayo West	
SoilSeries00445	Owenmore	Blanket Peat	Mayo West	
SoilSeries00446	Owenmore - Aughty	Complex	Mayo West	
SoilSeries00447	Owenmore - Aughty	Complex	Mayo West	
SoilSeries00448	Owenmore Rocky Phase	Blanket Peat	Mayo West	Blanket Peat
SoilSeries00449	Owenmore Very Rocky Phase	Blanket Peat	Mayo West	Blanket Peat
SoilSeries00253	Parknakyle	Gley	Carlow	Soliflucted drift, Saale, Carboniferous shale, sandstone & flagstone
SoilSeries00536	Patrickswell	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00323	Patrickswell	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00633	Patrickswell	Grey Brown Podolic	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00182	Patrickswell	Grey Brown Podzolic	Limerick	Glacial drift predominantly of limestone composition with slight sandstone admixture; of Weichsel Age
SoilSeries00053	Patrickswell	Grey Brown Podzolic	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00577	Patrickswell	Grey Brown Podzolic	Westmeath	Limestone Till
SoilSeries00015	Patrickswell	Grey Brown Podzolic	Meath	Till of dominantly limestone composition
SoilSeries00537	Patrickswell + Baggotstown		Offaly	
SoilSeries00538	Patrickswell + Howardstown + Elton		Offaly	
SoilSeries00539	Patrickswell + Mylerstown		Offaly	
SoilSeries00540	Patrickswell Baggotstown	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00578	Patrickswell Baggotstown	Soil Complex	Westmeath	Complex
SoilSeries00541	Patrickswell Baggotstown Elton	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00579	Patrickswell Baggotstown Elton	Soil Complex	Westmeath	Complex
SoilSeries00542	Patrickswell Baggotstown Elton + Mylerstown		Offaly	
SoilSeries00543	Patrickswell Bouldery Phase	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00634	Patrickswell Bouldery Phase	Grey Brown Podolic	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00055	Patrickswell Bouldery Phase	Grey Brown Podzolic	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00580	Patrickswell Bouldery Phase	Grey Brown Podzolic	Westmeath	Limestone Till
SoilSeries00581	Patrickswell Ladestown	Soil Complex	Westmeath	Complex
SoilSeries00544	Patrickswell Lithic Phase	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00635	Patrickswell Lithic Phase	Grey Brown Podolic	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00054	Patrickswell Lithic Phase	Grey Brown Podzolic	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00016	Patrickswell Lithic Phase	Grey Brown Podzolic	Meath	Till of dominantly limestone composition
SoilSeries00583	Patrickswell Rathowen	Soil Complex	Westmeath	Complex
SoilSeries00324	Patrickswell Rocky Phase	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00087	Patrickswell Shallow Variant	Grey Brown Podzolic	Tipperary	limestone glacial till
SoilSeries00086	Patrickswell Steep Variant	Grey Brown Podzolic	Tipperary	limestone glacial drift with sandstone erratics
SoilSeries00131	Patrickswell-Baggotstown	Complex	Tipperary	
SoilSeries00107	Patrickswell-Baggotstown-Elton	Complex	Meath	till & fluvioglacial material of predominantly limestone composition with some shale & sandstone
SoilSeries00132	Patrickswell-Baggotstown-Elton Complex	Complex	Tipperary	
SoilSeries00118	Patrickswell-Howardstown	Complex	Meath	Gravelly till of predominantly limestone composition with some shale and
SoilSeries00106	Patrickswell-Ladestown	Complex	Meath	Fluvioglacial sands & gravels of limestone, shale & chert composition
SoilSeries00254	Paulstown	Grey Brown Podzolic	Carlow	Glacial till, Weichsel, of mainly limestone with shale & sandstone
SoilSeries00450	Peaty Gley and Peat	Hill and Mountain	Mayo West	
SoilSeries00451	Peaty Gley and Peat	Hill and Mountain	Mayo West	
SoilSeries00452	Peaty Iron-Pan Podzols	Hill and Mountain	Mayo West	
SoilSeries00453	Peaty Podzols	Hill and Mountain	Mayo West	
SoilSeries00454	Peaty Podzols	Hill and Mountain	Mayo West	
SoilSeries00455	Peaty Podzols	Hill and Mountain	Mayo West	
SoilSeries00456	Plateau Peat	Hill and Mountain	Mayo West	
SoilSeries00457	Podzols	Hill and Mountain	Mayo West	

Occurrence of Soil Series delineated on published AFT soil maps

includes complexes and phases

Page Link	Soil Series Name	Great Soil Group	County	Parent material
SoilSeries00458	Podzols & Gleys Peaty & non Peaty	Hill and Mountain	Mayo West	
SoilSeries00034	Pollard	Peat	Meath	Peat soils
SoilSeries00545	Pollardstown	Peat	Offaly	Humified Fen Peats composed of variable amounts of Sedges, Mosses, Reed & Wood remains
SoilSeries00286	Pollardstown	Peat	Kildare	Peat
SoilSeries00325	Pollardstown	Peat	Laois	Peat
SoilSeries00082	Pollardstown	Peat	Tipperary	peat
SoilSeries00582	Pollardstown	Fen Peat	Westmeath	Peat
SoilSeries00191	Puckane	Gley	Limerick	Glacial drift mainly of mixed sandstone—shale composition, with a little limestone; of Saale Age
SoilSeries00636	Puckane	Gley	Clare	Glacial drift of Old Red Sandstone with Silurian shale & some limestone, Saale, Weichsel
SoilSeries00076	Puckane	Gley	Tipperary	Glacial till mainly of mixed sandstone-shale composition (with some limestone)
SoilSeries00637	Puckane Alkaline Parent Material Phase	Gley	Clare	Glacial drift of Old Red Sandstone with Silurian shale & some limestone, Saale, Weichsel
SoilSeries00638	Puckane Peaty Phase	Gley	Clare	Glacial drift of Old Red Sandstone with Silurian shale & some limestone, Saale, Weichsel
SoilSeries00077	Puckane Peaty Phase	Gley	Tipperary	Glacial till mainly of mixed sandstone-shale composition (with some limestone)
SoilSeries00639	Puckane Slieveareagh	Complex	Clare	Fluvioglacial materials, Old Red Sandstone with some shales & limestone
SoilSeries00192	Puckane slightly peaty phase	Gley	Limerick	Sandstone-shale glacial drift with some limestone; of Weichsel Age
SoilSeries00133	Puckane-Cortaclareen	Complex	Tipperary	mixed drift of predominantly Old Red Sandstone origin
SoilSeries00134	Puckane-Slievereagh	Complex	Tipperary	
SoilSeries00119	Qonsast Complex	peat	Meath	peat
SoilSeries00326	Raheenduff	Gley	Laois	Dense Calcareous Till composed of Limestone Shale Sandstone & Flagstone
SoilSeries00327	Raheenduff Imperfectly Drained Phase	Gley	Laois	Dense Calcareous Till composed of Limestone Shale Sandstone & Flagstone
SoilSeries00255	Raheenleigh	Gley	Carlow	Glacial till, Saale, of shale & granite
SoilSeries00459	Rake Street - Crossmolina	Complex	Mayo West	
SoilSeries00380	Randallsmill	Brown Earth L.B.S.	Wexford	Glacial sands finer textured
SoilSeries00381	Rathangan	Gley	Wexford	Mixed drift of shale, quartzite & Irish Sea Muds
SoilSeries00093	Rathborney	Regosol	Tipperary	alluvium derived from shales & sandstone
SoilSeries00640	Rathborney	Regosol	Clare	Lake alluvium, base content varying, varying texture
SoilSeries00183	Rathcannon	Grey Brown Podzolic	Limerick	Glacial drift predominantly of limestone composition having a slight admixture of sandstone & shale; of Weichsel Age
SoilSeries00019	Rathkenny	Brown Podzolic	Meath	Till of dominantly shale composition
SoilSeries00020	Rathkenny Moderately Steep Phase	Brown Podzolic	Meath	Till of dominantly shale composition
SoilSeries00102	Rathkenny Sandy Variant	Brown Podzolic	Meath	Upper carboniferous sandstone
SoilSeries00546	Rathmoyle	Brown Earth	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00584	Rathowen	Grey Brown Podzolic	Westmeath	Shale & Limestone Till
SoilSeries00017	Rathowen	Grey Brown Podzolic	Meath	Till of limestone & shale composition
SoilSeries00101	Rathowen Brown Earth Variant	Brown Earth	Meath	Glacial till of lower Palaeozoic shale & limestone composition
SoilSeries00585	Rathowen Cherty Phase	Grey Brown Podzolic	Westmeath	Shale Limestone & Chert Till
SoilSeries00018	Rathowen Cherty Phase	Grey Brown Podzolic	Meath	Till of limestone, shale & chert composition
SoilSeries00586	Rathowen Ladestown	Soil Complex	Westmeath	Complex
SoilSeries00110	Rathowen-Ladestown	Complex	Meath	till & fluvioglacial sands & gravels of mainly limestone & shale composition
SoilSeries00115	Rathowen-Street Complex	Complex	Meath	till of limestone & shale composition
SoilSeries00256	Rathvinden	Grey Brown Podzolic	Carlow	Soliflucted drift, Saale, glacial till & fluvioglacial gravels, Weichsel, of limestone, shale, sandstone & flagstone
SoilSeries00257	Ridge	Brown Podzolic	Carlow	Carboniferous shale bedrock
SoilSeries00328	Ridge	Brown Earth	Laois	Dense Calcareous Till composed of Sandstone Shale Flagstone & Limestone
SoilSeries00329	Ridge Steep Phase	Brown Earth	Laois	Shale bedrock
SoilSeries00338	Ridge Stony Phase	Brown Earth	Laois	Flagstone bedrock
SoilSeries00199	Rineanna	Lithosol	Limerick	Limestone bedrock
SoilSeries00217	Rineanna Complex	Complex	Limerick	
SoilSeries00151	Rinnagowna	Gley	Leitrim	Glacial drift from calcareous sandstone, conglomerate, arkose & grit (Boyle Sandstone Group) - Visean Age, L Carbonif.
SoilSeries00258	River Burren	Regosol	Carlow	River alluvium, base rich
SoilSeries00460	Rock and Skeletal Soil	Hill and Mountain	Mayo West	
SoilSeries00215	Rooskagh	Brown Earth	Limerick	Lake & river alluvium of Coal Measure Shale origin with some limestone influence
SoilSeries00193	Rootiagh	Gley	Limerick	Glacial drift composed mainly of volcanics (some basalt) with limestone, shale & sandstone admixture; Weichsel Age
SoilSeries00330	Rossmore	Podzol	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00287	Sawyerswood	Gley	Kildare	Calcareous limestone till
SoilSeries00089	Scraggen	Brown Earth	Tipperary	Fluvioglacial sands & gravels dominated by Old Red Sandstone with shale & limestone erratics
SoilSeries00382	Screen	Brown Podzolic	Wexford	Glacial sands coarse textured
SoilSeries00001	Seafield	Regosol	Meath	Coarse blown sands
SoilSeries00641	Seafield	Regosol	Clare	Wind blown sand
SoilSeries00063	Seefin	Podzol	Tipperary	Mainly sandstone colluvium (some sandstone till & bedrock)
SoilSeries00642	Seefin	Podzol	Clare	Old Red Sandstone & colluvium of Old Red Sandstone
SoilSeries00198	Seefin	Podzol	Limerick	Old Red Sandstone bedrock & conglomerates of Devonian Age & derived colluvium
SoilSeries00643	Sellernaun	Gley	Clare	Glacial drift of Old Red Sandstone with Silurian shale & some limestone, Saale, Weichsel
SoilSeries00259	Seskinree	Gley	Carlow	Soliflucted drift, Saale, Carboniferous shale, sandstone & flagstone
SoilSeries00094	Shannon	Gley	Tipperary	alluvium of dominantly limestone composition
SoilSeries00212	Shannon	Gley	Limerick	Estuarine alluvium (fine textured, base-rich)
SoilSeries00644	Shannon	Gley	Clare	River estuarine alluvium, base rich, fine texture
SoilSeries00135	Shannon-Banagher	Complex	Tipperary	
SoilSeries00547	Sieve Bloom	Gley	Offaly	Sandstone Bedrock & Drift composed mainly of Sandstone with a little Shale & Chert
SoilSeries00331	Sieve Bloom	Gley	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00548	Sieve Bloom non Peaty Phase	Gley	Offaly	Sandstone Bedrock & Drift composed mainly of Sandstone with a little Shale & Chert
SoilSeries00332	Sieve Bloom non-Peaty Phase	Gley	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00333	Sieve Bloom Steep Phase	Gley	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00334	Sieve Bloom Undulating Phase	Gley	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00103	Sievebeag	Podzol	Meath	till intermixed with hillwash, both derived from lower palaeozoic shales
SoilSeries00021	Sievebeag	Podzol	Meath	Till of dominantly shale composition
SoilSeries00383	Sievecoilitia	Brown Podzolic	Wexford	Mainly shale bedrock
SoilSeries00042	Slievereagh	Lithosol	Tipperary	Mainly sandstone bedrock
SoilSeries00645	Slievereagh	Lithosol	Clare	Old Red Sandstone & colluvium of Old Red Sandstone
SoilSeries00200	Slievereagh	Lithosol	Limerick	Old Red Sandstone bedrock & conglomerates of Devonian Age
SoilSeries00651	Small Islands not surveyed			
SoilSeries00096	Soil 1	Mineral	West Donegal	Acid Brown Earth
SoilSeries00097	Soil 2	Mineral	West Donegal	Brown Podzolics
SoilSeries00461	Srah	Dry Podzol	Mayo West	
SoilSeries00145	Stonepark	Podzol	Leitrim	Glacial drift derived from course grained gneiss, quartzite, micascist & epidiorite - mainly Moinian Period.
SoilSeries00335	Stradbally	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00336	Stradbally Rocky Phase	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00288	Straffan	Complex	Kildare	Calcareous limestone till
SoilSeries00587	Street	Gley	Westmeath	Shale & Limestone Till
SoilSeries00031	Street	Gley	Meath	Till of limestone & shale composition
SoilSeries00104	Street New Red Sandstone Variant	Podzolic Gley	Meath	Permo-Triassic New Red Sandstone mixed with shale
SoilSeries00116	Street-Ladestown-Banagher	Complex	Meath	till of limestone & shale composition
SoilSeries00462	Tallavbaun	Gley	Mayo West	
SoilSeries00463	Tallavbaun - Owenmore	Complex	Mayo West	
SoilSeries00464	Tallavbaun Bouldery Phase	Gley	Mayo West	
SoilSeries00465	Tallavbaun Bouldery Phase	Gley	Mayo West	
SoilSeries00466	Tallavbaun Peaty Phase	Gley	Mayo West	
SoilSeries00467	Tallavbaun Peaty Phase	Gley	Mayo West	
SoilSeries00220	Temple Hill variant	Podzol	Limerick	Silurian Shales & associated colluvial material
SoilSeries00384	Templeshanbo	Gley	Wexford	Mica schist & drift of predominantly mica schist composition
SoilSeries00650	Tidal	Tidal	Clare	Tidal
SoilSeries00468	Tidal Marsh	Miscellaneous Land	Mayo West	
SoilSeries00469	Tidal Marsh	Miscellaneous Land	Mayo West	
SoilSeries00260	Toberbride	Gley	Carlow	Glacial till, Weichsel, of granite & limestone
SoilSeries00261	Tomard	Podzol	Carlow	Carboniferous flagstone bedrock
SoilSeries00470	Tourmakeady	Dry Podzol	Mayo West	
SoilSeries00471	Tourmakeady	Dry Podzol	Mayo West	
SoilSeries00262	Transitional Peat	Complex	Carlow	Peat
SoilSeries00472	Trean	Gley	Mayo West	
SoilSeries00646	Tullig	Brown Earth	Clare	Colluvium from Upper Carboniferous shale & sandstone
SoilSeries00084	Turbary	Peat	Tipperary	ombrotrophic peat
SoilSeries00588	Turbary	Peat Complex Cutover	Westmeath	Peat
SoilSeries00039	Turbary	Peat	Meath	Peat soils
SoilSeries00549	Turbary	Peat Complex	Offaly	Raised Bog & Fen Peats
SoilSeries00550	Turbary (Complex)	Peat	Offaly	Highly humified Blanket Bog Peat
SoilSeries00136	Turbary Complex	Peat	Tipperary	ombrotrophic peat
SoilSeries00337	Turbary Complex	Peat complex	Laois	Peat
SoilSeries00551	Turbary Slieve Bloom Rossmore	Soil Complex	Offaly	Blanket Bog, Peat & Drift composed mainly of Sandstone
SoilSeries00120	Turbary-Knockastanna	Complex	Tipperary	
SoilSeries00649	Urban Areas		Clare	
SoilSeries00144	Wardhouse	Brown Podzolic	Leitrim	Glacial drift from Mullaghmore Sandstone & Bundoran Shale Group, usually calcareous - Visean Age, Lwr Carboniferous
SoilSeries00647	Water (Lakes etc.)		Clare	
SoilSeries00648	Waterpark	Brown Earth	Clare	Calcareous shale & drift with some limestone, Weichsel
SoilSeries00385	Wexford Slob	Gley	Wexford	Estuarine alluvium fine textured
SoilSeries00174	Wonderhill	Brown Earth	Limerick	Basaltic lava

Soil Series delineated on published AFT soil maps - County order

Page Link	Soil Series Name	Great Soil Group	County	Parent material
SoilSeries00221	Acaun	Brown Earth	Carlow	Fluvioglacial gravels, Saale (?) of limestone, with mica schist, granite & sandstone
SoilSeries00222	Athy Complex	Complex	Carlow	Fluvioglacial gravels, Weichsel, of limestone, with sandstone & granite
SoilSeries00223	Ballinabranagh	Grey Brown Podzolic	Carlow	Soliflucted drift, Saale, glacial till, Weichsel, of limestone, chert, shale, sandstone & flagstone
SoilSeries00224	Ballinagilky	Podzol	Carlow	Glacial till, Saale, of granite
SoilSeries00225	Ballindaggan	Brown Earth	Carlow	Shale with mica schist
SoilSeries00226	Ballinrush	Gley	Carlow	Glacial till, Weichsel, of granite & limestone
SoilSeries00227	Ballytarsna	Brown Earth	Carlow	Granite bedrock
SoilSeries00228	Ballywilliam	Gley	Carlow	Glacial till, Saale, of granite & some chert
SoilSeries00229	Basin Peat	Complex	Carlow	Peat
SoilSeries00230	Belmount	Gley	Carlow	Glacial till, Saale, of granite & some chert
SoilSeries00231	Black Rock Mountain	Podzol	Carlow	Shale with mica schist
SoilSeries00232	Blackstairs	Podzol	Carlow	Granite bedrock
SoilSeries00233	Borris	Brown Earth	Carlow	Glacial till, Saale, of granite & some chert
SoilSeries00234	Broughillstown Complex	Complex	Carlow	Fluvioglacial gravels, Weichsel, of limestone, with granite, greenstone, mica schist & sandstone
SoilSeries00235	Carrigvahanagh	Lithosol	Carlow	Granite bedrock
SoilSeries00236	Castlecomer	Gley	Carlow	Soliflucted drift, Saale, Carboniferous shale, sandstone & flagstone
SoilSeries00237	Clohamon	Regosol	Carlow	River alluvium, base poor
SoilSeries00238	Clonegall	Brown Podzolic	Carlow	Glacial till, Saale, of shale & granite
SoilSeries00239	Clowater	Gley	Carlow	Glacial till, Weichsel, of mainly limestone with granite & sandstone
SoilSeries00240	Coolnakisha	Gley	Carlow	Soliflucted drift, Saale, glacial till, Weichsel, of limestone, chert, shale, sandstone & flagstone
SoilSeries00241	Greenane	Gley	Carlow	Glacial till, Weichsel, of mainly limestone with granite & sandstone
SoilSeries00242	Hill Peat	Complex	Carlow	Peat
SoilSeries00243	Keeloge	Brown Earth	Carlow	Carboniferous shale bedrock
SoilSeries00244	Kellistown	Grey Brown Podzolic	Carlow	Glacial till, Weichsel, of mainly limestone with granite & sandstone
SoilSeries00246	Kilmannock	Regosol	Carlow	River alluvium, base rich
SoilSeries00245	Kiltealy	Brown Podzolic	Carlow	Glacial till, Saale, of granite
SoilSeries00247	Knockmullgurry	Gley	Carlow	Glacial till, Saale, of granite & some chert
SoilSeries00248	Knocksquire	Brown Podzolic	Carlow	Granite bedrock
SoilSeries00249	Millquarter	Regosol	Carlow	Lake alluvium, base poor
SoilSeries00250	Moanduff	Gley	Carlow	Soliflucted drift, Saale, glacial till, Weichsel, of limestone, chert, shale, sandstone & flagstone
SoilSeries00251	Mortarstown	Grey Brown Podzolic	Carlow	Glacial till, Weichsel, mainly limestone
SoilSeries00252	Newtown	Gley	Carlow	Glacial till, Weichsel, of mainly limestone with granite & sandstone
SoilSeries00253	Parknakyle	Gley	Carlow	Soliflucted drift, Saale, Carboniferous shale, sandstone & flagstone
SoilSeries00254	Paulstown	Grey Brown Podzolic	Carlow	Glacial till, Weichsel, of mainly limestone with shale & sandstone
SoilSeries00255	Raheenleigh	Gley	Carlow	Glacial till, Saale, of shale & granite
SoilSeries00256	Rathvinden	Grey Brown Podzolic	Carlow	Soliflucted drift, Saale, glacial till & fluvioglacial gravels, Weichsel, of limestone, shale, sandstone & flagstone
SoilSeries00257	Ridge	Brown Podzolic	Carlow	Carboniferous shale bedrock
SoilSeries00258	River Burren	Regosol	Carlow	River alluvium, base rich
SoilSeries00259	Seskinrea	Gley	Carlow	Soliflucted drift, Saale, Carboniferous shale, sandstone & flagstone
SoilSeries00260	Toberbride	Gley	Carlow	Glacial till, Weichsel, of granite & limestone
SoilSeries00261	Tomard	Podzol	Carlow	Carboniferous flagstone bedrock
SoilSeries00262	Transitional Peat	Complex	Carlow	Peat
SoilSeries00589	Abbeyfeale Non Peaty Phase	Gley	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00590	Abbeyfeale Sandy Phase	Gley	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00591	Allen	Peat	Clare	Peat
SoilSeries00592	Allen Cutover	Peat	Clare	Peat
SoilSeries00593	Attyquinn Howardstown	Complex	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00594	Aughty	Peat	Clare	Peat
SoilSeries00595	Aughty Cutover	Peat	Clare	Peat
SoilSeries00596	Baggotstown	Brown Earth	Clare	Outwash & fluvioglacial, of limestone with sandstone, shale & volcanics, Weichsel,
SoilSeries00597	Ballincurra	Brown Earth	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00598	Ballylanders	Brown Earth	Clare	Glacial drift (soliflucted) & colluvium, mostly from Silurian shale (bedrock) with Old Red Sandstone, Saale & Weichsel
SoilSeries00599	Ballynalacken	Brown Earth	Clare	Glacial drift (soliflucted) & colluvium, mostly from Silurian shale (bedrock) with Old Red Sandstone, Saale & Weichsel
SoilSeries00600	Banagher	Peat	Clare	Peat
SoilSeries00601	Burren	Rendzina	Clare	Carboniferous limestone bedrock
SoilSeries00602	Burren Ballincurra	Complex	Clare	Glacial drift, Limestone strata
SoilSeries00603	Burren Deeper Phase	Rendzina	Clare	Carboniferous limestone bedrock
SoilSeries00604	Burren Extremely Rocky Phase	Rendzina	Clare	Carboniferous limestone bedrock
SoilSeries00605	Burren Rocky Phase	Rendzina	Clare	Carboniferous limestone bedrock
SoilSeries00606	Burren Very Rocky Phase	Rendzina	Clare	Carboniferous limestone bedrock
SoilSeries00607	Camoge	Gley	Clare	Lake alluvium, base content varying, varying texture
SoilSeries00608	Cooga	Brown Podzolic	Clare	Coarse textured glacial & fluvioglacial, mostly Old Red Sandstone & Silurian shale with some limestone, Weichsel
SoilSeries00652	Derk	Brown Earth	Clare	Glacial drift derived from igneous volcanic rocks, with some limestone, sandstone & shale admixture, Weichsel
SoilSeries00609	Doonglara	Brown Podzolic	Clare	Old Red Sandstone & colluvium of Old Red Sandstone
SoilSeries00610	Drombanny	Gley	Clare	Lake alluvium, base rich, varying texture
SoilSeries00611	Elton	Grey Brown Podolic	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00612	Feale	Gley	Clare	Lake alluvium, base content varying, varying texture
SoilSeries00613	Glenomra	Gley	Clare	Lake alluvium, base content varying, varying texture
SoilSeries00614	Gortaclareen	Gley	Clare	Glacial drift of Old Red Sandstone with Silurian shale & some limestone, Saale, Weichsel
SoilSeries00615	Howardstown	Gley	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00616	Kilcolgan	Rendzina	Clare	Limestone drift, Weichsel
SoilSeries00617	Kilcolgan Bouldery Phase	Rendzina	Clare	Limestone drift, Weichsel
SoilSeries00618	Kilfenora	Grey Brown Podolic	Clare	Upper Carboniferous shale & limestone drift, Weichsel
SoilSeries00619	Kilfergus	Brown Earth	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00620	Kilgory	Regosol	Clare	Lake alluvium, base content varying, varying texture
SoilSeries00621	Kilrush	Gley	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00622	Kinvarra	Brown Earth	Clare	Limestone drift, Weichsel
SoilSeries00623	Kinvarra Bouldery Phase	Brown Earth	Clare	Limestone drift, Weichsel
SoilSeries00624	Knockaceol	Podzol	Clare	Old Red Sandstone & colluvium of Old Red Sandstone
SoilSeries00625	Knockaceol Bouldery Phase	Podzol	Clare	Old Red Sandstone & colluvium of Old Red Sandstone
SoilSeries00626	Knockanattin	Podzol	Clare	Old Red Sandstone drift, Weichsel
SoilSeries00627	Knockanimpaha	Podzol	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00628	Knockastanna	Podzol	Clare	Glacial drift (soliflucted) & colluvium, mostly from Silurian shale (bedrock) with Old Red Sandstone, Saale & Weichsel
SoilSeries00629	Knockastanna Peaty Phase	Podzol	Clare	Glacial drift (soliflucted) & colluvium, mostly from Silurian shale (bedrock) with Old Red Sandstone, Saale & Weichsel
SoilSeries00630	Knocknaskeha	Brown Earth	Clare	Limestone, Old Red Sandstone drift, Weichsel
SoilSeries00631	Mountcollins	Brown Podzolic	Clare	Glacial drift (soliflucted) & colluvium, Upp Carboniferous shale & sandstone; Saale & Weichsel
SoilSeries00632	Mountcollins Kilrush	Complex	Clare	Upper Carboniferous shales & sandstones
SoilSeries00633	Patrickswell	Grey Brown Podolic	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00634	Patrickswell Bouldery Phase	Grey Brown Podolic	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00635	Patrickswell Lithic Phase	Grey Brown Podolic	Clare	Glacial drift of limestone with some sandstone & shale, Weichsel
SoilSeries00636	Puckane	Gley	Clare	Glacial drift of Old Red Sandstone with Silurian shale & some limestone, Saale, Weichsel
SoilSeries00637	Puckane Alkaline Parent Material Phase	Gley	Clare	Glacial drift of Old Red Sandstone with Silurian shale & some limestone, Saale, Weichsel
SoilSeries00638	Puckane Peaty Phase	Gley	Clare	Glacial drift of Old Red Sandstone with Silurian shale & some limestone, Saale, Weichsel
SoilSeries00639	Puckane Slieveareagh	Complex	Clare	Fluvioglacial materials, Old Red Sandstone with some shales & limestone
SoilSeries00640	Rathborney	Regosol	Clare	Lake alluvium, base content varying, varying texture
SoilSeries00641	Seafield	Regosol	Clare	Wind blown sand
SoilSeries00642	Seefin	Podzol	Clare	Old Red Sandstone & colluvium of Old Red Sandstone
SoilSeries00643	Sellernaun	Gley	Clare	Glacial drift of Old Red Sandstone with Silurian shale & some limestone, Saale, Weichsel
SoilSeries00644	Shannon	Gley	Clare	River estuarine alluvium, base rich, fine texture
SoilSeries00645	Slieveareagh	Lithosol	Clare	Old Red Sandstone & colluvium of Old Red Sandstone
SoilSeries00650	Tidal	Tidal	Clare	Tidal
SoilSeries00646	Tullig	Brown Earth	Clare	Colluvium from Upper Carboniferous shale & sandstone
SoilSeries00649	Urban Areas		Clare	
SoilSeries00647	Water (Lakes etc.)		Clare	
SoilSeries00648	Waterpark	Brown Earth	Clare	Calcareous shale & drift with some limestone, Weichsel
SoilSeries00271	Allen	Raised bog	Kildare	Peat
SoilSeries00272	Allenwood	Complex	Kildare	Calcareous limestone till
SoilSeries00273	Athy	Complex	Kildare	Calcareous fluvioglacial gravels
SoilSeries00274	Banagher	Reclaimed peat	Kildare	Peat
SoilSeries00275	Boora Complex	Peat	Kildare	Peat
SoilSeries00276	Clonsast Complex	Peat complex	Kildare	Peat
SoilSeries00266	Cupidstownhill	Podzol	Kildare	Ordovician shale
SoilSeries00269	Donaghcumper	Grey Brown Podzolic	Kildare	Limestone bedrock
SoilSeries00270	Dunnstown	Gley	Kildare	Calcareous limestone till
SoilSeries00277	Elton	Grey Brown Podzolic	Kildare	Calcareous limestone till
SoilSeries00278	Finnery	Complex	Kildare	River alluvium
SoilSeries00279	Fontstown	Grey Brown Podzolic	Kildare	Calcareous limestone till
SoilSeries00280	Garristown	Gley	Kildare	Till of shale, sandstone & limestone
SoilSeries00281	Grange	Grey Brown Podzolic	Kildare	Calcareous limestone till
SoilSeries00267	Hughstown	Brown Earth	Kildare	Ordovician shale
SoilSeries00282	Kellistown	Grey Brown Podzolic	Kildare	Calcareous limestone granite till
SoilSeries00283	Kennycourt	Grey Brown Podzolic	Kildare	Calcareous limestone shale till
SoilSeries00284	Kilpatrick	Gley	Kildare	Calcareous limestone till
SoilSeries00265	Liffey	Regosol	Kildare	River alluvium
SoilSeries00268	Mortarstown	Grey Brown Podzolic	Kildare	Calcareous limestone till
SoilSeries00264	Mylerstown	Gley	Kildare	Calcareous limestone till
SoilSeries00285	Newtown	Gley	Kildare	Calcareous limestone granite till
SoilSeries00286	Pollardstown	Peat	Kildare	Peat
SoilSeries00287	Sawyerswood	Gley	Kildare	Calcareous limestone till
SoilSeries00288	Straffan	Complex	Kildare	Calcareous limestone till
SoilSeries00289	Abbeyfeale non-Peaty Phase	Gley	Laois	Carboniferous shale of sandstone, flagstone & chert, Munsterian

Soil Series delineated on published AFT soil maps - County order

Page Link	Soil Series Name	Great Soil Group	County	Parent material
SoilSeries00290	Abbeyfeale Peaty Phase	Gley	Laois	Dense Calcareous Till composed of Sandstone Shale Flagstone & Limestone
SoilSeries00291	Abbeyfeale Undulating Phase	Gley	Laois	Dense Calcareous Till composed of Sandstone Shale Flagstone & Limestone
SoilSeries00292	Allen	Peat	Laois	Peat
SoilSeries00293	Alluvium	Complex	Laois	River Alluvium
SoilSeries00294	Aughty	Peat	Laois	Peat
SoilSeries00295	Aughty Cutover	Peat	Laois	Peat
SoilSeries00296	Aughty Shallow Phase	Peat	Laois	Peat
SoilSeries00297	Aughty Slumping Phase	Peat	Laois	Peat
SoilSeries00299	Ballinakill	Grey Brown Podzolic	Laois	Dense Calcareous Till composed of Limestone Shale Sandstone & Flagstone
SoilSeries00300	Ballyshear	Gley	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00301	Banagher	Peat	Laois	Peat
SoilSeries00302	Baunreagh	Brown Earth	Laois	Shale bedrock & Till composed mainly of Shale with a little Sandstone
SoilSeries00303	Baunreagh Steep Phase	Brown Earth	Laois	Shale bedrock & Till composed mainly of Shale with a little Sandstone
SoilSeries00304	Bawnrush	Gley	Laois	Shale bedrock & Till composed mainly of Shale with a little Sandstone
SoilSeries00298	Boggotstown Carlow	Complex	Laois	Calcareous Fluvioglacial Gravels composed mainly of Limestone
SoilSeries00305	Cardtown	Complex	Laois	Fluvioglacial gravels composed mainly of Sandstone Shale & Limestone
SoilSeries00306	Clonaslee	Gley	Laois	Calcareous Fluvioglacial Gravels composed mainly of Limestone
SoilSeries00307	Clonin	Complex	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00308	Conlaw	Podzol	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00309	Cullahill	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00310	Dysart Hills	Complex	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00311	Elton	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00312	Fontstown	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00313	Gortnamona	Peat	Laois	Peat
SoilSeries00314	Graceswood	Podzol-Grey Brown Podzolic	Laois	Glacial Sand overlying Limestone Till
SoilSeries00315	Howardstown	Gley	Laois	Calcareous Till composed mainly of Limestone with a mixture of Shale & Sandstone
SoilSeries00316	Industrial Complex	Peat	Laois	Peat
SoilSeries00317	Knockastanna Peaty Phase	Podzol	Laois	Shale bedrock & Till composed mainly of Shale with a little Sandstone
SoilSeries00318	Knockbeg	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00319	Knockbeg Stony Phase	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00320	Mountrath	Complex	Laois	Calcareous Till composed mainly of Limestone & Sandstone
SoilSeries00321	Mylerstown	Gley	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00322	Mylerstown Imperfectly Drained Phase	Gley	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00323	Patrickswell	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00324	Patrickswell Rocky Phase	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00325	Pollardstown	Peat	Laois	Peat
SoilSeries00326	Raheenduff	Gley	Laois	Dense Calcareous Till composed of Limestone Shale Sandstone & Flagstone
SoilSeries00327	Raheenduff Imperfectly Drained Phase	Gley	Laois	Dense Calcareous Till composed of Limestone Shale Sandstone & Flagstone
SoilSeries00328	Ridge	Brown Earth	Laois	Dense Calcareous Till composed of Sandstone Shale Flagstone & Limestone
SoilSeries00329	Ridge Steep Phase	Brown Earth	Laois	Shale bedrock
SoilSeries00338	Ridge Stony Phase	Brown Earth	Laois	Flagstone bedrock
SoilSeries00330	Rossmore	Podzol	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00331	Sieve Bloom	Gley	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00332	Sieve Bloom non-Peaty Phase	Gley	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00333	Sieve Bloom Steep Phase	Gley	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00334	Sieve Bloom Undulating Phase	Gley	Laois	Sandstone bedrock & Till composed mainly of Sandstone with a little Shale & Chert
SoilSeries00335	Stradbally	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00336	Stradbally Rocky Phase	Grey Brown Podzolic	Laois	Calcareous Till composed mainly of Limestone
SoilSeries00337	Turbary Complex	Peat complex	Laois	Peat
SoilSeries00154	Allen	Peat	Leitrim	Raised Bog Peats
SoilSeries00159	Ardrum Association	Complex	Leitrim	Peat - Fen Peat
SoilSeries00155	Aughty	Peat	Leitrim	Blanket Peat
SoilSeries00146	Ballinamore	Gley	Leitrim	Glacial drift derived from calcareous shale, argillaceous & arenaceous limestone - Visean Age, Lwr Carboniferous
SoilSeries00156	Ballinamore-Allen	Complex	Leitrim	
SoilSeries00163	Ballyhaise Series—Lithic Phase	Gley	Leitrim	Glacial till derived from greywackes, siltstones, mudstones & shales of the Ordovician Period (not on map!)
SoilSeries00157	Ballyhaise-Corriga	Complex	Leitrim	Glacial drift derived from greywacke, siltstone, mudstone & shale - Ordovician period.
SoilSeries00152	Burren	Rendzina	Leitrim	Very shallow glacial drift & calcareous bedrock; drift derived from calcareous rocks; Visean Age, Lwr Carboniferous
SoilSeries00140	Clooncarreen	Grey Brown Podzolic	Leitrim	Glacial drift from calcareous sandstone, conglomerate, arkose & grit (Boyle Sandstone Group) - Visean Age, L Carbonif.
SoilSeries00141	Corriga	Brown Podzolic	Leitrim	Glacial drift derived from greywacke, siltstone, mudstone & shale - Ordovician period.
SoilSeries00161	Corriga Series—Bouldery Phase (NOT Mapped)	Brown Podzolic	Leitrim	Glacial drift derived from Ordovician greywackes, siltstones & mudstones & shales
SoilSeries00153	Crumpaun	Lithosol	Leitrim	Scree material derived from Glenear & Dartry Limestones - Visean Age, Lower Carboniferous Period.
SoilSeries00147	Drumkeeran	Gley	Leitrim	Glacial drift derived from shales, coal measures, sandstones & conglomerates - Namurian Age, Upper Carboniferous
SoilSeries00162	Drumkeeran Series - Peaty Phase	Peaty Gley	Leitrim	Glacial drift derived from Namurian shale with some limestone conglomerate & sandstone influence
SoilSeries00160	Garvagh	Gley	Leitrim	Glacial drift derived from siliceous limestone with some sandstone influence - Visean Age, Lower Carboniferous Period
SoilSeries00149	Howardstown	Gley	Leitrim	Glacial drift derived from limestone with some sandstone, shale & conglomerate influence -Visean Age, Lwr Carboniferous
SoilSeries00142	Kilnageer	Brown Podzolic	Leitrim	Glacial drift derived from coarse grained gneiss, quartzite, micascist & epidiorite - mainly Moinian Period.
SoilSeries00150	Kiltyclogher	Gley	Leitrim	Glacial drift derived from sandstone, shale & conglomerate - Namurian Age, Upper Carboniferous Period.
SoilSeries00139	Loughmuirran	Brown Earth	Leitrim	Colluvium derived from Benbulbin Shale & Glenear Limestone - Visean Age, Lower Carboniferous Period
SoilSeries00158	Mortarstown-Kinvarra	Complex	Leitrim	Glacial drift from Limestone (siliceous, argillaceous & arenaceous) with some sandstone & shale-Visean Age, Lwr Carbonif.
SoilSeries00143	Mountcollins	Brown Podzolic	Leitrim	Glacial drift derived from shales, coal measures, sandstones & conglomerates - Namurian Age, Upper Carboniferous
SoilSeries00151	Rinnagowna	Gley	Leitrim	Glacial drift from calcareous sandstone, conglomerate, arkose & grit (Boyle Sandstone Group) - Visean Age, L Carbonif.
SoilSeries00145	Stonemark	Podzol	Leitrim	Glacial drift derived from coarse grained gneiss, quartzite, micascist & epidiorite - mainly Moinian Period.
SoilSeries00144	Wardhouse	Brown Podzolic	Leitrim	Glacial drift from Mullaghmore Sandstone & Bundoran Shale Group, usually calcareous - Visean Age, Lwr Carboniferous
SoilSeries00184	Abbeyfeale	Gley	Limerick	Glacial drift & soliflucted material of Upper Carboniferous shale & sandstone composition; mainly of Saale Age
SoilSeries00185	Abbeyfeale non-peaty phase	Gley	Limerick	Glacial drift & soliflucted material of Upper Carboniferous shale & sandstone composition; mainly of Saale Age
SoilSeries00206	Aherlow	Regosols	Limerick	River alluvium (coarse textured, base-rich)
SoilSeries00214	Ashgrove	Brown Earth	Limerick	Glacial lake alluvium & colluvium mainly of Coal Measure Shale origin
SoilSeries00213	Ashgrove complex	Complex	Limerick	
SoilSeries00164	Baggotstown	Brown Earth	Limerick	Glacial gravels & sands mainly of limestone with sandstone-shale & a few volcanic rocks; of Weichsel Age
SoilSeries00165	Ballincurra	Brown Earth	Limerick	Drift of limestone (with a little sandstone & shale) over limestone rock; of Weichsel Age
SoilSeries00175	Ballybrood	Brown Podzolic	Limerick	Glacial drift mainly of Millstone Grit origin with limestone, sandstone & felsite; of Weichsel Age
SoilSeries00179	Ballybrood	Brown Podzolic	Limerick	Glacial drift mainly of Millstone Grit origin with limestone, sandstone & felsite; of Weichsel Age
SoilSeries00178	Ballydoole	Grey Brown Podzolic	Limerick	Glacial drift of mixed limestone-sandstone-shale composition; of Weichsel Age
SoilSeries00167	Ballylanders	Brown Earth	Limerick	Solifluction deposits mainly of Silurian Shale (with some Old Red Sandstone influence); overlying a Saale Age drift
SoilSeries00171	Ballynalacken	Brown Earth	Limerick	Glacial drift & colluvium mainly from Silurian Shale with some Old Red Sandstone & few volcanics; Saale +Weichsel
SoilSeries00180	Ballynamona	Grey Brown Podzolic	Limerick	Glacial drift composed mainly of volcanic material with a proportion of chert & a little limestone; of Saale Age
SoilSeries00216	Ballypierce Variant	Regosol	Limerick	Glacial lake alluvium & colluvium mainly of coal measure shale origin
SoilSeries00168	Ballyvorheen	Brown Earth	Limerick	Fluvio-glacial & out-wash materials mainly of Old Red Sandstone with some shale & limestone; of Weichsel Age
SoilSeries00201	Basin Peat	Peat	Limerick	
SoilSeries00202	Blanket peat	Peat	Limerick	
SoilSeries00207	Camoge	Gley	Limerick	River alluvium (fine textured, base-rich)
SoilSeries00172	Carrigogunnel	Brown Earth	Limerick	Felsitic ash having a high proportion of calcite
SoilSeries00169	Cloverfield	Brown Earth	Limerick	Glacial drift mostly of Millstone Grit & shale origin, with an admixture mainly of limestone-sandstone; of Weichsel Age
SoilSeries00166	Cluggin	Gley	Limerick	Glacial drift equal proportions of limestone & sandstone with some shale: of Weichsel Age
SoilSeries00176	Cooga	Brown Podzolic	Limerick	Fluvio-glacial drift composed mainly of Old Red Sandstone, with some shale & limestone; of Weichsel Age
SoilSeries00203	Coollough	Gley	Limerick	Lake alluvium (fine textured base-rich)
SoilSeries00208	Dark island	Gley	Limerick	River alluvium (fine textured, base-rich)
SoilSeries00166	Derk	Brown Earth	Limerick	Glacial drift (Weichsel) comprising> 60% volcanics (mainly pyroclastic feldspar rocks) with some limestone, shale & sandst.
SoilSeries00194	Doonglara	Podzol	Limerick	Colluvium derived from Old Red Sandstone & conglomerates; of Devonian Age
SoilSeries00204	Drombanny	Gley	Limerick	Lake alluvium (medium textured, base-rich)
SoilSeries00181	Elton	Grey Brown Podzolic	Limerick	Glacial drift mainly of limestone but with a small proportion of sandstone, shale & volcanics; of Weichsel Age
SoilSeries00209	Feale	Regosol	Limerick	River alluvium (medium textured, base-poor)
SoilSeries00187	Gortaclareen	Gley	Limerick	Glacial drift predominantly of Old Red Sandstone composition with some shale-limestone admixture; of Weichsel Age
SoilSeries00205	Griston	Gley	Limerick	Lake sediments (coarse textured, base-rich)
SoilSeries00188	Howardstown	Gley	Limerick	Glacial drift predominantly of limestone composition with a mixture of shale, sandstone & volcanics; of Weichsel Age
SoilSeries00170	Kilbeheny	Brown Earth	Limerick	Glacial drift of predominantly Old Red Sandstone composition with shale admixture; of Saale Age
SoilSeries00173	Kilfergus	Brown Earth	Limerick	Glacial drift (containing many boulders) of Upper Carboniferous shale-sandstone origin; mainly of Weichsel Age
SoilSeries00189	Kilrush	Gley	Limerick	Glacial drift of Upper Carboniferous shale-sandstone origin & mainly of Weichsel Age
SoilSeries00195	Knockaceol	Podzol	Limerick	Colluvium from Old Red Sandstone & conglomerate (Devonian Age) over the bedrock
SoilSeries00218	Knockainy Variant	Brown Earth	Limerick	Glacial drift of predominantly limestone origin having an admixture of sandstone, shale & volcanics
SoilSeries00196	Knockanimpaha	Podzol	Limerick	Upper Carboniferous shale & grit bedrock & associated colluvium
SoilSeries00197	Knockastanna	Podzol	Limerick	Colluvium of Silurian Shale origin with a proportion of Old Red Sandstone, overlying shale bedrock
SoilSeries00219	Knockcommane Variant	Podzol	Limerick	Glacial drift predominantly of Old Red Sandstone composition with shale admixture, of Saale Age
SoilSeries00210	Lyre	Gley	Limerick	River alluvium (medium textured, base-poor)
SoilSeries00177	Mountcollins	Brown Podzolic	Limerick	Colluvium mainly of Coal Measure Shale with some glacial drift admixture of Millstone Grit origin; Saale Age
SoilSeries00190	Mountminnett	Gley	Limerick	Glacial drift of mainly Millstone Grit & shale composition but with a limestone-sandstone admixture; of Weichsel Age
SoilSeries00221	Mulkear	Regosol	Limerick	River alluvium (medium-coarse textured, base-rich)
SoilSeries00182	Patrickswell	Grey Brown Podzolic	Limerick	Glacial drift predominantly of limestone composition with slight sandstone admixture; of Weichsel Age
SoilSeries00191	Puckane	Gley	Limerick	Glacial drift mainly of mixed sandstone—shale composition, with a little limestone; of Saale Age
SoilSeries00192	Puckane slightly peaty phase	Gley	Limerick	Sandstone-shale glacial drift with some limestone; of Weichsel Age
SoilSeries00183	Rathcannon	Grey Brown Podzolic	Limerick	Glacial drift predominantly of limestone composition having a slight admixture of sandstone & shale; of Weichsel Age
SoilSeries00199	Rineanna	Lithosol	Limerick	Limestone bedrock
SoilSeries00217	Rineanna Complex	Complex	Limerick	
SoilSeries00215	Rooskagh	Brown Earth	Limerick	Lake & river alluvium of Coal Measure Shale origin with some limestone influence
SoilSeries00193	Rootiagh	Gley	Limerick	Glacial drift composed mainly of volcanics (some basalt) with limestone, shale & sandstone admixture; Weichsel Age
SoilSeries00198	Seefin	Podzol	Limerick	Old Red Sandstone bedrock & conglomerates of Devonian Age & derived colluvium
SoilSeries00212	Shannon	Gley	Limerick	Estuarine alluvium (fine textured, base-rich)
SoilSeries00200	Slievereagh	Lithosol	Limerick	Old Red Sandstone bedrock & conglomerates of Devonian Age
SoilSeries00220	Temple Hill variant	Podzol	Limerick	Silurian Shales & associated colluvial material
SoilSeries00174	Wonderhill	Brown Earth	Limerick	Basaltic lava
SoilSeries00388	Accony	Dry Podzol	Mayo West	

Soil Series delineated on published AFT soil maps - County order

Page Link	Soil Series Name	Great Soil Group	County	Parent material
SoilSeries00389	Aglish	Gley	Mayo West	
SoilSeries00391	Aille	Brown Earth	Mayo West	
SoilSeries00392	Allen Cutover	Raised Bog	Mayo West	
SoilSeries00393	Alluvium	Miscellaneous Land	Mayo West	
SoilSeries00394	Alluvium	Miscellaneous Land	Mayo West	
SoilSeries00395	Aughty	Blanket Peat	Mayo West	
SoilSeries00398	Aughty Cutover	Blanket Peat	Mayo West	
SoilSeries00396	Aughty Rocky Phase	Blanket Peat	Mayo West	
SoilSeries00397	Ballycastle	Grey Brown Podzolic	Mayo West	
SoilSeries00399	Ballyglass	Brown Earth	Mayo West	
SoilSeries00400	Ballyknock	Gley	Mayo West	
SoilSeries00401	Bellacorick - Glenamoy	Complex	Mayo West	
SoilSeries00402	Belmullet	Gley	Mayo West	
SoilSeries00403	Beltra	Wet Podzol	Mayo West	
SoilSeries00404	Blown Sand	Miscellaneous Land	Mayo West	
SoilSeries00405	Burren Very Rocky Phase	Rendzina	Mayo West	
SoilSeries00406	Castlebar	Brown Earth	Mayo West	
SoilSeries00407	Dooncarton	Wet Podzol	Mayo West	
SoilSeries00408	Dooyork	Brown Earth	Mayo West	
SoilSeries00409	Drummin	Dry Podzol	Mayo West	
SoilSeries00410	Drummin - Letterbrock Rocky	Complex	Mayo West	
SoilSeries00411	Drummin - Owenmore	Complex	Mayo West	
SoilSeries00412	Drummin Bouldery Phase	Dry Podzol	Mayo West	
SoilSeries00413	Drumsleed	Wet Podzol	Mayo West	
SoilSeries00414	Drumsleed Peaty Phase	Wet Podzol	Mayo West	
SoilSeries00415	Elton	Grey-Brown Podzolic	Mayo West	
SoilSeries00416	Fahy	Grey-Brown Podzolic	Mayo West	
SoilSeries00417	Glenamoy	Blanket Peat	Mayo West	
SoilSeries00418	Glenamoy - Aughty	Complex	Mayo West	
SoilSeries00419	Glenamoy Cutover	Blanket Peat	Mayo West	
SoilSeries00420	Gortaclareen	Gley	Mayo West	
SoilSeries00421	Gortaclareen - Fahy	Complex	Mayo West	
SoilSeries00422	Gweesalia	Blanket Peat	Mayo West	
SoilSeries00423	Hill Peat	Hill and Mountain	Mayo West	
SoilSeries00424	Killadoon	Gley	Mayo West	
SoilSeries00425	Killadoon Bouldery Phase	Gley	Mayo West	
SoilSeries00426	Killadoon Peaty Phase	Gley	Mayo West	
SoilSeries00427	Killnageer	Dry Podzol	Mayo West	
SoilSeries00428	Kinvarra	Brown Earth	Mayo West	
SoilSeries00429	Knockanattin	Wet Podzol	Mayo West	
SoilSeries00430	Knockanattin - Letter	Complex	Mayo West	
SoilSeries00431	Knockanattin - Letter Bouldery	Complex	Mayo West	
SoilSeries00432	Knockanattin - Letter Peaty	Complex	Mayo West	
SoilSeries00433	Knockanattin Bouldery Phase	Wet Podzol	Mayo West	
SoilSeries00434	Knockanattin Peaty Phase	Wet Podzol	Mayo West	
SoilSeries00435	Letter	Gley	Mayo West	
SoilSeries00436	Letter - Owenmore	Complex	Mayo West	
SoilSeries00437	Letter - Srah	Complex	Mayo West	
SoilSeries00438	Letterbrock	Wet Podzol	Mayo West	
SoilSeries00439	Letterbrock Bouldery Phase	Wet Podzol	Mayo West	
SoilSeries00440	Massbrook	Wet Podzol	Mayo West	
SoilSeries00441	Massbrook Bouldery Phase	Wet Podzol	Mayo West	
SoilSeries00442	Massbrook Peaty Phase	Wet Podzol	Mayo West	
SoilSeries00443	Owenmore	Blanket Peat	Mayo West	
SoilSeries00444	Owenmore	Blanket Peat	Mayo West	
SoilSeries00445	Owenmore	Blanket Peat	Mayo West	
SoilSeries00446	Owenmore - Aughty	Complex	Mayo West	
SoilSeries00447	Owenmore - Aughty	Complex	Mayo West	
SoilSeries00448	Owenmore Rocky Phase	Blanket Peat	Mayo West	Blanket Peat
SoilSeries00449	Owenmore Very Rocky Phase	Blanket Peat	Mayo West	Blanket Peat
SoilSeries00450	Peaty Gley and Peat	Hill and Mountain	Mayo West	
SoilSeries00451	Peaty Gley and Peat	Hill and Mountain	Mayo West	
SoilSeries00452	Peaty Iron-Pan Podzols	Hill and Mountain	Mayo West	
SoilSeries00453	Peaty Podzols	Hill and Mountain	Mayo West	
SoilSeries00454	Peaty Podzols	Hill and Mountain	Mayo West	
SoilSeries00455	Peaty Podzols	Hill and Mountain	Mayo West	
SoilSeries00456	Plateau Peat	Hill and Mountain	Mayo West	
SoilSeries00457	Podzols	Hill and Mountain	Mayo West	
SoilSeries00458	Podzols & Gleys Peaty & non Peaty	Hill and Mountain	Mayo West	
SoilSeries00459	Rake Street - Crossmolina	Complex	Mayo West	
SoilSeries00460	Rock and Skeletal Soil	Hill and Mountain	Mayo West	
SoilSeries00461	Srah	Dry Podzol	Mayo West	
SoilSeries00462	Tallavbaun	Gley	Mayo West	
SoilSeries00463	Tallavbaun - Owenmore	Complex	Mayo West	
SoilSeries00464	Tallavbaun Bouldery Phase	Gley	Mayo West	
SoilSeries00465	Tallavbaun Bouldery Phase	Gley	Mayo West	
SoilSeries00466	Tallavbaun Peaty Phase	Gley	Mayo West	
SoilSeries00467	Tallavbaun Peaty Phase	Gley	Mayo West	
SoilSeries00468	Tidal Marsh	Miscellaneous Land	Mayo West	
SoilSeries00469	Tidal Marsh	Miscellaneous Land	Mayo West	
SoilSeries00470	Tourmakeady	Dry Podzol	Mayo West	
SoilSeries00471	Tourmakeady	Dry Podzol	Mayo West	
SoilSeries00472	Trean	Gley	Mayo West	
SoilSeries00032	Allen	Peat	Meath	Peat soils
SoilSeries00022	Ashbourne	Gley	Meath	Till of Irish Sea provenance with limestone & shale
SoilSeries00023	Ashbourne Shaley Phase	Gley	Meath	Till of Irish Sea provenance with limestone & shale
SoilSeries00003	Baggotstown	Brown Earth	Meath	Fluvioglacial deposits of dominantly limestone composition
SoilSeries00099	Baggotstown Deep Variant	Brown Earth	Meath	Gravels composed of limestone, calcareous shale & shale
SoilSeries00108	Baggotstown-Crush	Complex	Meath	limestone fluvioglacial sands & gravels
SoilSeries00004	Ballincurra	Brown Earth	Meath	Till of dominantly limestone composition
SoilSeries00024	Ballyshear	Gley	Meath	Till of dominantly limestone composition
SoilSeries00035	Banagher	Peat	Meath	Peat soils
SoilSeries00037	Boyne Alluvium	Complex	Meath	Alluvium derived from limestone & shale
SoilSeries00111	Boyne Alluvium Complex	Complex	Meath	alluvium with limestone & shale
SoilSeries00654	Boyne Alluvium- Organic component	Regosol	Meath	alluvium with limestone & shale
SoilSeries00656	Boyne Alluvium- Terrace component	Brown Earth	Meath	alluvium with limestone & shale
SoilSeries00655	Boyne Alluvium- well drained	Regosol.	Meath	alluvium with limestone & shale
SoilSeries00653	Boyne Alluvium-Poorly drained	Gley	Meath	alluvium with limestone & shale
SoilSeries00008	Burren	Rendzina	Meath	Limestone bedrock
SoilSeries00025	Camoge	Gley	Meath	Alluvium derived from dominantly limestone till
SoilSeries00038	Clonsast	Peat	Meath	Peat soils
SoilSeries00009	Crush	Rendzina	Meath	limestone shale & gravels
SoilSeries00100	Derk Lithosol Variant	Lithosol	Meath	Basalt
SoilSeries00005	Derk Shaley Phase	Brown Earth	Meath	Till of predominantly basalt composition with some shale & limestone
SoilSeries00026	Drombanny	Gley	Meath	Marl & calcareous lake deposits
SoilSeries00010	Dunboyne	Grey Brown Podzolic	Meath	Till of Irish Sea provenance with limestone & shale
SoilSeries00011	Dunboyne Gravelly Phase	Grey Brown Podzolic	Meath	Till of Irish Sea provenance with limestone & shale
SoilSeries00012	Dunboyne Shaley Phase	Grey Brown Podzolic	Meath	Till of Irish Sea provenance with limestone & shale
SoilSeries00112	Dunboyne-Ashbourne	Complex	Meath	drift of irish sea provenance with limestone & shale
SoilSeries00113	Dunboyne-Ashbourne Shaley Phase	Complex	Meath	drift of irish sea provenance with shale & limestone
SoilSeries00114	Dunboyne-Ladestown	Complex	Meath	till & fluvioglacial materials of limestone, shale & chert
SoilSeries00027	Dunsany	Gley	Meath	River or lake alluvium derived from limestone & shale
SoilSeries00013	Elton	Grey Brown Podzolic	Meath	Till of dominantly limestone composition
SoilSeries00028	Feale	Gley	Meath	Alluvium derived mostly from shale
SoilSeries00105	Feale Dry Variant	Regosol	Meath	Shale with some limestone
SoilSeries00117	Glane Complex	Complex	Meath	Namurian shale bedrock & till
SoilSeries00033	Gortnamona	Peat	Meath	Peat soils
SoilSeries00029	Howardstown	Gley	Meath	Till of dominantly limestone composition
SoilSeries00006	Kells	Brown Earth	Meath	Till of dominantly shale composition
SoilSeries00002	Knockeyon	Lithosol	Meath	Carboniferous chert bedrock
SoilSeries00098	Knockeyon Slightly Peaty Podzol Variant	Podzol	Meath	hill wash from chert hillslope with some limestone & shale
SoilSeries00007	Ladestown	Brown Earth	Meath	Fluvioglacial deposits of dominantly shale, limestone & chert composition
SoilSeries00109	Ladestown-Rathowen-Banagher	Complex	Meath	till to fluvioglacial sands & gravels of limestone, shale & chert composition
SoilSeries00014	Mortarstown	Grey Brown Podzolic	Meath	Till of dominantly limestone composition
SoilSeries00030	Mylerstown	Gley	Meath	Till of limestone & shale composition
SoilSeries00015	Patrickswell	Grey Brown Podzolic	Meath	Till of dominantly limestone composition
SoilSeries00016	Patrickswell Lithic Phase	Grey Brown Podzolic	Meath	Till of dominantly limestone composition
SoilSeries00107	Patrickswell-Baggotstown-Elton	Complex	Meath	till & fluvioglacial material of predominantly limestone composition with some shale & sandstone
SoilSeries00118	Patrickswell-Howardstown	Complex	Meath	Gravelly till of predominantly limestone composition with some shale and
SoilSeries00106	Patrickswell-Ladestown	Complex	Meath	Fluvioglacial sands & gravels of limestone, shale & chert composition
SoilSeries00034	Pollard	Peat	Meath	Peat soils

Soil Series delineated on published AFT soil maps - County order

Page Link	Soil Series Name	Great Soil Group	County	Parent material
SoilSeries00119	Qonsast Complex	peat	Meath	peat
SoilSeries00019	Rathkenny	Brown Podzolic	Meath	Till of dominantly shale composition
SoilSeries00020	Rathkenny Moderately Steep Phase	Brown Podzolic	Meath	Till of dominantly shale composition
SoilSeries00102	Rathkenny Sandy Variant	Brown Podzolic	Meath	Upper carboniferous sandstone
SoilSeries00017	Rathowen	Grey Brown Podzolic	Meath	Till of limestone & shale composition
SoilSeries00101	Rathowen Brown Earth Variant	Brown Earth	Meath	Glacial till of lower Palaeozoic shale & limestone composition
SoilSeries00018	Rathowen Cherty Phase	Grey Brown Podzolic	Meath	Till of limestone, shale & chert composition
SoilSeries00110	Rathowen-Ladestown	Complex	Meath	till & fluvioglacial sands & gravels of mainly limestone & shale composition
SoilSeries00115	Rathowen-Street Complex	Complex	Meath	till of limestone & shale composition
SoilSeries00001	Seafield	Regosol	Meath	Coarse blown sands
SoilSeries00103	Slievebeag	Podzol	Meath	till intermixed with hillwash, both derived from lower palaeozoic shales
SoilSeries00021	Slievebeag	Podzol	Meath	Till of dominantly shale composition
SoilSeries00031	Street	Gley	Meath	Till of limestone & shale composition
SoilSeries00104	Street New Red Sandstone Variant	Podzolic Gley	Meath	Permo-Triassic New Red Sandstone mixed with shale
SoilSeries00116	Street-Ladestown-Banagher	Complex	Meath	till of limestone & shale composition
SoilSeries00039	Turbary	Peat	Meath	Peat soils
SoilSeries00473	Allen	Peat	Offaly	Raised Bog Peats of variable humification composed predominantly of Sphagnum Mosses
SoilSeries00474	Allenwood	Soil Complex	Offaly	Fen Peats, Calcareous Drift & Alluvium
SoilSeries00475	Alluvium	Regosol	Offaly	Alluvium
SoilSeries00476	Aughty	Peat	Offaly	Highly humified Blanket Bog Peat
SoilSeries00477	Aughty + Turbary Mountain	Peat complex	Offaly	Ombrotrophic peat of cyperaceous origin - Histosol (USDA Classification)
SoilSeries00478	Aughty Eroded Phase	Peat	Offaly	Highly humified Blanket Bog Peat
SoilSeries00479	Aughty Eroded Phase	Peat	Offaly	Highly humified Blanket Bog Peat
SoilSeries00480	Aughty Slumping Phase	Peat	Offaly	Highly humified Blanket Bog Peat
SoilSeries00481	Baggotstown	Brown Earth	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00482	Baggotstown + Mylerstown		Offaly	
SoilSeries00483	Baggotstown Carlow	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00484	Baggotstown Carlow + Mountrath		Offaly	
SoilSeries00485	Baggotstown Crush	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00486	Baggotstown Patrickswell	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00487	Ballincurra	Brown Earth	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00488	Ballintemple	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00489	Ballintemple + Clonlisk		Offaly	
SoilSeries00490	Ballintemple + Drombanny		Offaly	
SoilSeries00491	Ballintemple + Mylerstown		Offaly	
SoilSeries00492	Ballylanders	Brown Earth	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00493	Ballyshear	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00494	Ballyshear Patrickswell	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00495	Banagher	Peat	Offaly	Peat
SoilSeries00496	Banagher Deep Phase	Peat	Offaly	Humified Fen Peats composed of variable amounts of Sedges, Mosses Reed & Wood remains
SoilSeries00497	Banagher Shallow Phase	Peat	Offaly	Humified Fen Peats composed of variable amounts of Sedges, Mosses, Reed & Wood remains
SoilSeries00498	Baunreagh	Brown Earth	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00499	Baunreagh Steep Phase	Brown Earth	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00500	Bawnrush	Gley	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00501	Burren	Rendzina	Offaly	Limestone Bedrock
SoilSeries00502	Callow	Soil Complex	Offaly	Fen Peats, Calcareous Drift & Alluvium
SoilSeries00503	Cardtown	Soil Complex	Offaly	Fluvioglacial gravels composed mainly of Sandstone Shale & Limestone
SoilSeries00504	Clonin	Soil Complex	Offaly	Sandstone Bedrock & Drift composed mainly of Sandstone with a little Shale & Chert
SoilSeries00505	Clonin + Cardtown		Offaly	
SoilSeries00506	Clonlisk	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00507	Clonlisk + Ballintemple		Offaly	
SoilSeries00508	Croghan	Brown Earth	Offaly	Volcanic Greenstone Ash
SoilSeries00509	Drombanny	Gley	Offaly	Lake Marl over Alluvium
SoilSeries00510	Drombanny + Banagher Deep Phase		Offaly	
SoilSeries00511	Elton	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00512	Finnery River	Soil Complex	Offaly	Fen Peats, Calcareous Drift & Alluvium
SoilSeries00513	Garryhinch	Soil Complex	Offaly	Fen Peats, Calcareous Drift & Alluvium
SoilSeries00514	Garrymona	Peat	Offaly	Raised Bog Peats of variable humification composed predominantly of Sphagnum Mosses
SoilSeries00515	Gortaclareen	Gley	Offaly	Sandstone Bedrock & Drift composed mainly of Sandstone with a little Shale & Chert
SoilSeries00516	Gortnamona	Peat	Offaly	Raised Bog Peats of variable humification composed predominantly of Sphagnum Mosses
SoilSeries00517	Graceswood	Podzol-Grey Brown Pod	Offaly	Calcareous Fluvioglacial Sands
SoilSeries00518	Howardstown	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00519	Howardstown + Ballyshear		Offaly	
SoilSeries00520	Howardstown Baggotstown	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00521	Howardstown Patrickswell	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00522	Howardstown Patrickswell + Alluvium		Offaly	
SoilSeries00523	Kilpatrick	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00524	Knock	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00525	Knockastanna Peaty Phase	Podzol	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00526	Machine Peat	Peat Complex	Offaly	Raised Bog & Fen Peats
SoilSeries00527	Milled Peat	Peat Complex	Offaly	Raised Bog & Fen Peats
SoilSeries00528	Misc Land Unit	Misc Land Unit	Offaly	
SoilSeries00529	Mortarstown	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00530	Mortarstown + Howardstown		Offaly	
SoilSeries00531	Mountrath	Soil Complex	Offaly	Calcareous Drift mainly of Limestone & Sandstone
SoilSeries00532	Mylerstown	Gley	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00533	Mylerstown + Ballyshear		Offaly	
SoilSeries00534	Mylerstown + Clonlisk		Offaly	
SoilSeries00536	Patrickswell	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00537	Patrickswell + Baggotstown		Offaly	
SoilSeries00538	Patrickswell + Howardstown + Elton		Offaly	
SoilSeries00539	Patrickswell + Mylerstown		Offaly	
SoilSeries00540	Patrickswell Baggotstown	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00541	Patrickswell Baggotstown Elton	Soil Complex	Offaly	Calcareous Drift varied composition derived from predominantly Carboniferous Limestone
SoilSeries00542	Patrickswell Baggotstown Elton + Mylerstown		Offaly	
SoilSeries00543	Patrickswell Bouldery Phase	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00544	Patrickswell Lithic Phase	Grey Brown Podzolic	Offaly	Calcareous Drift mainly of Limestone with some Sandstone & Shale
SoilSeries00545	Pollardstown	Peat	Offaly	Humified Fen Peats composed of variable amounts of Sedges, Mosses, Reed & Wood remains
SoilSeries00546	Rathmoyle	Brown Earth	Offaly	Shale Bedrock & Drift composed mainly of Shale with a little Sandstone
SoilSeries00547	Slieve Bloom	Gley	Offaly	Sandstone Bedrock & Drift composed mainly of Sandstone with a little Shale & Chert
SoilSeries00548	Slieve Bloom non Peaty Phase	Gley	Offaly	Sandstone Bedrock & Drift composed mainly of Sandstone with a little Shale & Chert
SoilSeries00549	Turbary	Peat Complex	Offaly	Raised Bog & Fen Peats
SoilSeries00550	Turbary (Complex)	Peat	Offaly	Highly humified Blanket Bog Peat
SoilSeries00551	Turbary Slieve Bloom Rossmore	Soil Complex	Offaly	Blanket Bog, Peat & Drift composed mainly of Sandstone
SoilSeries00078	Allen	Peat	Tipperary	Raised Bog Peats
SoilSeries00079	Aughty	Peat	Tipperary	ombrotrophic peat
SoilSeries00043	Baggotstown	Brown Earth	Tipperary	Fluvioglacial materials of predominantly limestone composition
SoilSeries00085	Baggotstown Deep Variant	Brown Earth	Tipperary	Fluvioglacial deposits of limestone composition with some shale & sandstone
SoilSeries00121	Baggotstown-Crush	Complex	Tipperary	
SoilSeries00044	Ballincurra	Brown Earth	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00124	Ballynalackan-Knockshigowna	Complex	Tipperary	
SoilSeries00045	Ballynalacken	Brown Earth	Tipperary	Glacial till of predominantly shale composition
SoilSeries00064	Ballyshear	Gley	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00125	Ballyshear-Patrickswell Complex	Complex	Tipperary	
SoilSeries00088	Ballyvorheen	Brown Earth	Tipperary	glacial drift of old red sandstone & silurian shale composition
SoilSeries00080	Banagher	Peat	Tipperary	minerotrophic peat
SoilSeries00081	Boora	Peat	Tipperary	minerotphic peat- woody fen origin
SoilSeries00137	Boora Complex	Peat	Tipperary	
SoilSeries00056	Borrisoleigh	Brown Podzolic	Tipperary	Glacial till of predominantly shale composition
SoilSeries00057	Borrisoleigh Steep Phase	Brown Podzolic	Tipperary	Glacial till of predominantly shale composition
SoilSeries00122	Borrisoleigh-Ballynalackan	Complex	Tipperary	
SoilSeries00123	Borrisoleigh-Knockshigowna	Complex	Tipperary	early Palaeozoic shales
SoilSeries00049	Burren	Rendzina	Tipperary	Limestone bedrock
SoilSeries00050	Burren Rocky Phase	Rendzina	Tipperary	Limestone bedrock
SoilSeries00065	Camoge	Gley	Tipperary	Alluvium of mixed limestone-sandstone composition
SoilSeries00126	Camoge-Milltownpass	Complex	Tipperary	
SoilSeries00040	Carney	Regosol	Tipperary	Limestone alluvium
SoilSeries00138	Clonsast Complex	Peat	Tipperary	
SoilSeries00058	Cooga	Brown Podzolic	Tipperary	Fluvioglacial materials of sandstone-shale composition
SoilSeries00066	Coolalough	Gley	Tipperary	Limestone alluvium
SoilSeries00090	Crush	Rendzina	Tipperary	fluvioglacial gravels of limestone composition
SoilSeries00067	Derrygareen	Gley	Tipperary	Fluvioglacial materials of predominantly sandstone composition
SoilSeries00059	Doonglara	Brown Podzolic	Tipperary	Glacial till of predominantly sandstone composition, some sandstone bedrock
SoilSeries00046	Dovea	Brown Earth	Tipperary	Glacial till composed of limestone & shale
SoilSeries00068	Drombanny	Gley	Tipperary	Limestone alluvium
SoilSeries00052	Elton	Grey Brown Podzolic	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00069	Feale	Gley	Tipperary	Shale alluvium with some limestone influence
SoilSeries00070	Gortaclareen	Gley	Tipperary	Glacial till mainly of mixed sandstone-shale composition (with some limestone)
SoilSeries00083	Gortnamona	Peat	Tipperary	ombrotrophic peat
SoilSeries00071	Howardstown	Gley	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00127	Howardstown-Baggotstown	Complex	Tipperary	

Soil Series delineated on published AFT soil maps - County order

Page Link	Soil Series Name	Great Soil Group	County	Parent material
SoilSeries00128	Howardstown-Patrickswell	Complex	Tipperary	
SoilSeries00051	Kilcolgan	Rendzina	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00072	Kilcommon	Gley	Tipperary	Glacial till of predominantly shale composition
SoilSeries00073	Kilcommon Peaty Phase	Gley	Tipperary	Glacial till of predominantly shale composition
SoilSeries00074	Kilgory	Gley	Tipperary	Sandstone alluvium
SoilSeries00047	Kinvarra	Brown Earth	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00060	Knockaceol	Podzol	Tipperary	Mainly sandstone bedrock
SoilSeries00095	Knockaceol Peaty Phase	Peat	Tipperary	Mainly sandstone bedrock
SoilSeries00061	Knockastanna	Podzol	Tipperary	Glacial till of predominantly shale composition
SoilSeries00062	Knockastanna Peaty Phase	Podzol	Tipperary	Glacial till of predominantly shale composition
SoilSeries00129	Knockastanna-Knockshigowna	Complex	Tipperary	
SoilSeries00048	Knocknaskeha	Brown Earth	Tipperary	Glacial till of mixed sandstone-shale composition
SoilSeries00130	Knocknaskeha-Doonglara	Complex	Tipperary	
SoilSeries00091	Knockshigowna	Lithosol	Tipperary	Silurian or Ordovician shales
SoilSeries00041	Milltownpass	Regosol	Tipperary	Limestone alluvium
SoilSeries00092	Mortarstown	Grey Brown Podzolic	Tipperary	limestone till with some shale & sandstone
SoilSeries00075	Mylerstown	Gley	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00053	Patrickswell	Grey Brown Podzolic	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00055	Patrickswell Bouldery Phase	Grey Brown Podzolic	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00054	Patrickswell Lithic Phase	Grey Brown Podzolic	Tipperary	Glacial till of predominantly limestone composition
SoilSeries00087	Patrickswell Shallow Variant	Grey Brown Podzolic	Tipperary	limestone glacial till
SoilSeries00086	Patrickswell Steep Variant	Grey Brown Podzolic	Tipperary	limestone glacial drift with sandstone erratics
SoilSeries00131	Patrickswell-Baggotstown	Complex	Tipperary	
SoilSeries00132	Patrickswell-Baggotstown-Elton Complex	Complex	Tipperary	
SoilSeries00082	Pollardstown	Peat	Tipperary	peat
SoilSeries00076	Puckane	Gley	Tipperary	Glacial till mainly of mixed sandstone-shale composition (with some limestone)
SoilSeries00077	Puckane Peaty Phase	Gley	Tipperary	Glacial till mainly of mixed sandstone-shale composition (with some limestone)
SoilSeries00133	Puckane-Gortaclareen	Complex	Tipperary	mixed drift of predominantly Old Red Sandstone origin
SoilSeries00134	Puckane-Slievereagh	Complex	Tipperary	
SoilSeries00093	Rathborney	Regosol	Tipperary	alluvium derived from shales & sandstone
SoilSeries00089	Scraggen	Brown Earth	Tipperary	Fluvioglacial sands & gravels dominated by Old Red Sandstone with shale & limestone erratics
SoilSeries00063	Seefin	Podzol	Tipperary	Mainly sandstone colluvium (some sandstone till & bedrock)
SoilSeries00094	Shannon	Gley	Tipperary	alluvium of dominantly limestone composition
SoilSeries00135	Shannon-Banagher	Complex	Tipperary	
SoilSeries00042	Slieveareagh	Lithosol	Tipperary	Mainly sandstone bedrock
SoilSeries00084	Turbary	Peat	Tipperary	ombrotrophic peat
SoilSeries00136	Turbary Complex	Peat	Tipperary	ombrotrophic peat
SoilSeries00120	Turbary-Knockastanna	Complex	Tipperary	
SoilSeries00096	Soil 1	Mineral	West Donegal	Acid Brown Earth
SoilSeries00097	Soil 2	Mineral	West Donegal	Brown Podzolics
SoilSeries00553	Allen	Raised Bog	Westmeath	Peat
SoilSeries00554	Baggotstown	Brown Earth	Westmeath	Fluvioglacial Limestone
SoilSeries00555	Baggotstown Crush	Soil Complex	Westmeath	Complex
SoilSeries00552	Baggotstown Hummocky Phase	Brown Earth	Westmeath	Fluvioglacial Limestone
SoilSeries00556	Ballincurra	Brown Earth	Westmeath	Limestone Till over Limestone Bedrock
SoilSeries00557	Ballyshear Patrickswell	Soil Complex	Westmeath	Complex
SoilSeries00558	Banagher	Fen Peat Improved	Westmeath	Peat
SoilSeries00559	Bouldery Lake Alluvium		Westmeath	Lake Alluvium
SoilSeries00560	Burren	Rendzina	Westmeath	Limestone Bedrock
SoilSeries00561	Camoge	Gley	Westmeath	River Alluvium
SoilSeries00562	Clonsast	Peat Complex Industrial	Westmeath	Peat
SoilSeries00563	Coolalough	Gley	Westmeath	Lake Alluvium
SoilSeries00564	Drombanny	Gley	Westmeath	Peaty Lake Alluvium
SoilSeries00565	Elton	Grey Brown Podzolic	Westmeath	Limestone Till
SoilSeries00566	Finnea Banagher Allen	Soil Complex	Westmeath	Complex
SoilSeries00567	Gortnamona	Raised Bog Cutover Re	Westmeath	Peat
SoilSeries00568	Howardstown	Gley	Westmeath	Limestone Till
SoilSeries00569	Howardstown Baggotstown	Soil Complex	Westmeath	Complex
SoilSeries00570	Howardstown Patrickswell	Soil Complex	Westmeath	Complex
SoilSeries00571	Knockeyon	Lithosol	Westmeath	Chert Bedrock
SoilSeries00572	Ladestown	Brown Earth	Westmeath	Fluvioglacial Limestone Shale & Chert
SoilSeries00573	Ladestown Rathowen	Soil Complex	Westmeath	Complex
SoilSeries00574	Ladestown Rathowen Banagher	Soil Complex	Westmeath	Complex
SoilSeries00575	Milltownpass	Regosol	Westmeath	River Alluvium
SoilSeries00576	Mylerstown	Gley	Westmeath	Gravelly Limestone Till
SoilSeries00577	Patrickswell	Grey Brown Podzolic	Westmeath	Limestone Till
SoilSeries00578	Patrickswell Baggotstown	Soil Complex	Westmeath	Complex
SoilSeries00579	Patrickswell Baggotstown Elton	Soil Complex	Westmeath	Complex
SoilSeries00580	Patrickswell Bouldery Phase	Grey Brown Podzolic	Westmeath	Limestone Till
SoilSeries00581	Patrickswell Ladestown	Soil Complex	Westmeath	Complex
SoilSeries00583	Patrickswell Rathowen	Soil Complex	Westmeath	Complex
SoilSeries00582	Pollardstown	Fen Peat	Westmeath	Peat
SoilSeries00584	Rathowen	Grey Brown Podzolic	Westmeath	Shale & Limestone Till
SoilSeries00585	Rathowen Cherty Phase	Grey Brown Podzolic	Westmeath	Shale Limestone & Chert Till
SoilSeries00586	Rathowen Ladestown	Soil Complex	Westmeath	Complex
SoilSeries00587	Street	Gley	Westmeath	Shale & Limestone Till
SoilSeries00588	Turbary	Peat Complex Cutover	Westmeath	Peat
SoilSeries00339	Aeolian Sands	Aeolian Sands	Wexford	Aeolian Sands
SoilSeries00340	Alluvium	Alluvium	Wexford	Alluvium
SoilSeries00386	Alluvium	Alluvium	Wexford	Alluvium
SoilSeries00341	Ambrosetown	Brown Earth H.B.S.	Wexford	Drift of predominantly shale composition
SoilSeries00342	Baldwinstown	Brown Earth H.B.S.	Wexford	Drift of predominantly shale - limestone composition
SoilSeries00343	Ballindaggan	Brown Podzolic	Wexford	Mica schist & drift of predominantly mica schist composition
SoilSeries00344	Ballinruan	Gley	Wexford	Drift of predominantly shale - sandstone composition
SoilSeries00345	Ballyknockan	Gley	Wexford	Glacial sands coarse textured
SoilSeries00346	Ballywilliam	Gley	Wexford	Granite & drift of predominantly granite composition
SoilSeries00347	Bannow	Grey Brown Podzolic	Wexford	Glacial sands with shale drift admixture
SoilSeries00348	Basin Peat	Peat	Wexford	Basin Peat
SoilSeries00349	Black Rock Mountain	Podzol	Wexford	Mainly mica schist bedrock
SoilSeries00350	Blackstairs	Podzol	Wexford	Mainly granite bedrock
SoilSeries00353	Blackstairs	Podzol	Wexford	Mainly granite bedrock, Saale
SoilSeries00351	Broadway	Brown Earth H.B.S.	Wexford	Glacial sands with mixed drift admixture
SoilSeries00352	Broomhill	Brown Earth L.B.S.	Wexford	Drift of predominantly sandstone composition
SoilSeries00355	Carne	Unclassified	Wexford	Glacial sands with slight granite influence
SoilSeries00356	Carrickbyrne Complex	Podzol complex	Wexford	Shales with mixed igneous rock outcrops
SoilSeries00358	Clohamon	Brown Podzolic	Wexford	River alluvium & terrace gravels
SoilSeries00359	Clonroche	Brown Earth L.B.S.	Wexford	Shale & drift of predominantly shale composition
SoilSeries00360	Coolaknick	Gley	Wexford	Lake alluvium Base rich
SoilSeries00361	Coolaknick	Gley	Wexford	Lake alluvium Base rich
SoilSeries00362	Crosstown Complex	Grey Brown Podzolic	Wexford	Mixed drift deposits
SoilSeries00363	Fethard	Grey Brown Podzolic	Wexford	Drift of predominantly shale - sandstone composition
SoilSeries00364	Forth Commons	Podzol	Wexford	Quartzite & derived drift
SoilSeries00366	Hill Peat	Hill Peat	Wexford	Hill Peat
SoilSeries00367	Hook Head	Grey Brown Podzolic	Wexford	Drift of predominantly limestone composition
SoilSeries00368	Killinick	Brown Earth H.B.S.	Wexford	Glacial sandy drift over gravels. Calcareous
SoilSeries00369	Kilmannock	Gley	Wexford	River & estuarine alluvium
SoilSeries00370	Kilmore Slob	Gley	Wexford	Estuarine alluvium coarse textured
SoilSeries00371	Kilperce	Gley	Wexford	Shale & drift of predominantly shale composition
SoilSeries00372	Kiltealy	Brown Podzolic	Wexford	Granite & drift of predominantly granite composition
SoilSeries00373	Knockroe	Gley	Wexford	Drift of predominantly shale - granite composition
SoilSeries00374	Macamore	Gley	Wexford	Dense drift of Irish Sea origin Calcareous
SoilSeries00375	Millquarter	Gley	Wexford	Lake alluvium Base poor
SoilSeries00376	Nethertown	Podzol	Wexford	Glacial sands with more extensive granite influence
SoilSeries00387	Old Ross	Brown Earth L.B.S.	Wexford	Drift of predominantly shale - granite composition
SoilSeries00379	Oulartleigh	Gley	Wexford	Lake alluvium Base rich
SoilSeries00380	Randallsmill	Brown Earth L.B.S.	Wexford	Glacial sands finer textured
SoilSeries00381	Rathangan	Gley	Wexford	Mixed drift of shale, quartzite & Irish Sea Muds
SoilSeries00382	Screen	Brown Podzolic	Wexford	Glacial sands coarse textured
SoilSeries00383	Slievecoilta	Brown Podzolic	Wexford	Mainly shale bedrock
SoilSeries00384	Templeshanbo	Gley	Wexford	Mica schist & drift of predominantly mica schist composition
SoilSeries00385	Wexford Slob	Gley	Wexford	Estuarine alluvium fine textured
SoilSeries00535	Non soil area	Non soil area		
SoilSeries00651	Small Islands not surveyed			

Annex III

‘LIVE’ series are those that comprise the National Soil Series

‘DEAD’ series are those that have been rationalised to a modern correlative.

The series list is in alphabetic, soil subgroup and texture-substrate type order.

Id	Live	National Series	Subgr Code	Num	Modern Definition	Modern Correlative	Texture	Substrate Type	Substrate 1	Substrate 2	Notes
0711AF	DEAD	Abbeylea	711 AF	62	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711AFN	DEAD	Abbeylea non-peaty phase	711 AFN		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712AFP	DEAD	Abbeylea peaty phase	712 AFP		Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711AFS	DEAD	Abbeylea Sandy phase	711 AFS		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	Sdy/Ly --> Kilrush, v small extent
0711AFU	DEAD	Abbeylea Undulating phase	711 AFU		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311AU	DEAD	Acuan	311 AU	93	Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511AY	DEAD	Accony	511 AY		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0712AG	DEAD	Aglish	712 AG		Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0811AH	LIVE	Aherlow	811 AH	81	Sandy river alluvium	Aherlow	Sandy	river alluvium	alluvium	river	Kilgory ??; need pit
0621AH	LIVE	Ahuan	621 AH		Loamy drift with siliceous stones	Ahuan	Loamy	drift with siliceous stones	drift	siliceous stones	
0311AL	LIVE	Aille	311 AL		Coarse loamy over limestone bedrock	Aille	Coarse loamy	limestone bedrock	bedrock	limestone	*Kilvarra in W Mayo includes UN65
0911AE	LIVE	Allen	911 AE	900	Peat (Raised Bog {moss})	Allen	Peat	peat	peat	raised bog	
0911AEC	LIVE	Allen Cutover	911 AEC		Peat (Raised Bog cutover)	Allen Cutover	Peat	peat	peat	raised bog	cutover (Clare)
0723AX	DEAD	Allenwood Complex	723 AX	131	Fine loamy drift with limestones	Myerstown	Fine loamy	drift with limestones	drift	limestones	Myerstown lead soil
0314AM	DEAD	Ambrosetown	314 AM		Fine loamy drift with siliceous stones	Moord	Fine loamy	drift with siliceous stones	drift	siliceous stones	
1011AR	LIVE	Ardmore	1011 AR		Coarse loamy drift with siliceous stones	Ardmore	Loamy	drift with siliceous stones	drift	siliceous stones	
0922AD	DEAD	Ardrum	922 AD	1P	Peat (Fen)	Banagher	Peat	peat	peat	fen peat	some alluvium overlying peat
0711AB	DEAD	Ashbourne	711 AB		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711ABS	DEAD	Ashbourne Shaley Phase	711 ABS		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0313AS	LIVE	Ashgrove	313 AS		Fine loamy drift with siliceous stones	Ashgrove	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0411AT	LIVE	Athy	411 AT	117	Coarse loamy over calcareous gravels	Athy	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0411ATD	DEAD	Athy moderately deep component	411 ATD	117	Coarse loamy over calcareous gravels	Athy	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0723ATP	DEAD	Athy Poorly Drained	723 ATP		Coarse loamy over calcareous gravels	Clonaslee	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0724AQ	DEAD	Attyquin	724 AQ		Fine loamy drift with limestones	Ballyshear	Fine loamy	drift with limestones	drift	limestones	
0911AT	LIVE	Aughty	911 AT	903	Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0913ATC	LIVE	Aughty cutover	913 ATC		Peat (Blanket Bog)	Aughty cutover	Peat	peat	peat	blanket bog	Cut peat
0912ATD	LIVE	Aughty drained	912 ATD		Peat (Blanket Bog)	Aughty drained	Peat	peat	peat	blanket bog	
0911ATE	DEAD	Aughty eroded phase	911 ATE		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0911ATH	DEAD	Aughty shallow phase	911 ATH		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0911ATL	DEAD	Aughty slumping phase	911 ATL		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0321BG	LIVE	Baggotstown	321 BG	42	Coarse loamy over calcareous gravels	Baggotstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0321BGD	DEAD	Baggotstown deep variant	321 BGD		Coarse loamy over calcareous gravels	Baggotstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0321BGH	DEAD	Baggotstown hummocky phase	321 BGH		Coarse loamy over calcareous gravels	Baggotstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0311BA	DEAD	Baldwinstown	311 BA		Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0414BG	DEAD	Ballinabranagh	414 BG	88	Loamy drift with siliceous stones	Crosstown	Loamy	drift with siliceous stones	drift	siliceous stones	
0611BY	DEAD	Ballinagilly	611 BY	109	Loamy drift with igneous and metamorphic stones	Stonepark	Loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0411BK	DEAD	Ballinakill	411 BK		Fine loamy drift with limestones	Elton	Fine loamy	drift with limestones	drift	limestones	
0712BN	LIVE	Ballinamore	712 BN		Fine loamy drift with limestones	Ballinamore	Fine loamy	drift with limestones	drift	limestones	
0321BC	LIVE	Ballincurra	321 BC	43	Fine loamy over limestone bedrock	Ballincurra	Fine loamy	limestone bedrock	bedrock	limestone	
0311BD	DEAD	Ballindaggan	311 BD	15	Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0721BN	DEAD	Ballinruan	721 BN		Fine loamy drift with siliceous stones	Kilperce	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0722BU	DEAD	Ballinrush	722 BU	103	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0724BT	LIVE	Ballintemple	724 BT		Coarse loamy drift with limestones	Ballintemple	Coarse loamy	drift with limestones	drift	limestones	
0513BR	DEAD	Ballybrood	513 BR	53	Fine loamy drift with siliceous stones	Rathkenry	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0411BC	DEAD	Ballycastle	411 BC		Fine loamy drift with siliceous stones	Dunboyne	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0611BN	LIVE	Ballycondon	611 BN		Loamy drift with siliceous stones	Ballycondon	Loamy	drift with siliceous stones	drift	siliceous stones	
0414BD	DEAD	Ballydoole	414 BD		Coarse loamy drift with siliceous stones	Crosstown	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311BG	LIVE	Ballyglass	311 BG		Coarse loamy over sandstone bedrock	Ballyglass	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0711BH	DEAD	Ballyhaise	711 BH		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712BL	LIVE	Ballyhaise lithic phase	712 BL		Fine loamy over sandstone or shale bedrock	Ballyhaise lithic phase	Fine loamy	sandstone or shale bedrock	bedrock	sandstone or shale	
0721BC	DEAD	Ballyknock	721 BC		Coarse loamy over sandstone bedrock	Kilperce	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0722BK	LIVE	Ballyknockan	722 BK		Sandy stoneless drift	Ballyknockan	Sandy	stoneless drift	drift	stoneless	
0311BY	LIVE	Ballylanders	311 BY	45	Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0722BM	DEAD	Ballymacart	722 BM		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0822BB	DEAD	Ballynabola	822 BB		Fine silty river alluvium	Coolfin	Fine silty	river alluvium	alluvium	river	
0311BC	DEAD	Ballynalacken	311 BC	49	Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0411BY	LIVE	Ballynamona	411 BY	58	Fine loamy drift with igneous and metamorphic stones	Ballynamona	Fine loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	includes UN21
0711BP	DEAD	Ballypierce Variant	711 BP		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0611BS	LIVE	Ballyscanlon	611 BS		Loamy over acid igneous bedrock	Ballyscanlon	Loamy	acid igneous bedrock	bedrock	acid igneous	
0724BS	LIVE	Ballyshear	724 BS	201	Fine loamy drift with limestones	Ballyshear	Fine loamy	drift with limestones	drift	limestones	
0311BT	DEAD	Ballytarsna	311 BT	94	Coarse loamy over acid igneous bedrock	Knockskire	Coarse loamy	acid igneous bedrock	bedrock	acid igneous	
0311BV	LIVE	Ballyvorheen	311 BV	46	Sandy drift with siliceous stones	Ballyvorheen	Sandy	drift with siliceous stones	drift	siliceous stones	
0722BW	LIVE	Ballywilliam	722 BW	23	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0922BR	LIVE	Banagher	922 BR	905	Peat (Fen)	Banagher	Peat	peat	peat	fen peat	
0922BRD	DEAD	Banagher deep phase	922 BRD	905	Peat (Fen)	Banagher	Peat	peat	peat	fen peat	
0922BRS	DEAD	Banagher shallow phase	922 BRS	905	Peat (Fen)	Banagher	Peat	peat	peat	fen peat	
1011BA	DEAD	Bannow	1011 BA		Loamy drift with siliceous stones	Monatray	Loamy	drift with siliceous stones	drift	siliceous stones	
0113BA	LIVE	Bantry	113 BA		Peat over sandstone and shale bedrock	Bantry	Peat	sandstone and shale bedrock	bedrock	sandstone and shale	
0313BB	LIVE	Bantry Bay	313 BB		Coarse loamy dense blue-grey drift with siliceous stones	Bantry Bay	Coarse loamy	dense blue-grey drift with siliceous stones	dense blue-grey	siliceous stones	Drumlin slopes West Cork
0311BN	DEAD	Baunreagh	311 BN		Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311BNS	DEAD	Baunreagh steep phase	311 BNS		Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0722BH	DEAD	Bawnrush	722 BH		Loamy drift with siliceous stones	Sieve Bloom	Loamy	drift with siliceous stones	drift	siliceous stones	
0722BO	DEAD	Belmount	722 BO	104	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0721BM	LIVE	Belmullet	721 BM		Sandy stoneless drift	Belmullet	Sandy	stoneless drift	drift	stoneless	
0612BE	DEAD	Beltra	612 BE		Loamy drift with siliceous stones	Portlaw	Loamy	drift with siliceous stones	drift	siliceous stones	
0611BR	LIVE	Black Rock Mountain	611 BR		Loamy over gneiss or schist bedrock	Black Rock Mountain	Loamy	gneiss or schist bedrock	bedrock	gneiss or schist	Wexford
0632BRC	DEAD	Black Rock Mountain	632 BRC	17	Loamy over shale bedrock	Knockastanna	Loamy	shale bedrock	bedrock	shale bedrock	Carlow
0632BL	LIVE	Blackstairs	632 BL	24	Sandy over acid igneous bedrock	Blackstairs	Sandy	acid igneous bedrock	bedrock	acid igneous	
0311BO	LIVE	Borris	311 BO	95	Coarse loamy drift with igneous and metamorphic stones	Borris	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0513BE	LIVE	Borrisoleigh	513 BE	261	Fine loamy over mudstone, shale or slate bedrock	Borrisoleigh	Fine loamy	mudstone, shale or slate bedrock	bedrock	shale or slate	
0513BES	DEAD	Borrisoleigh steep phase	513 BES	261	Fine loamy over mudstone, shale or slate bedrock	Borrisoleigh	Fine loamy	mudstone, shale or slate bedrock	bedrock	shale or slate	
0821BO	LIVE	Boyne	821 BO		Silty river alluvium	Boyne	Silty	river alluvium	alluvium	river	
0821BOO	DEAD	Boyne Alluvium - Organic component	821 BOO		Silty river alluvium	Boyne	Silty	river alluvium	alluvium	river	
0821BOP	DEAD	Boyne Alluvium - Poorly drained component	821 BOP		Silty river alluvium	Boyne	Silty	river alluvium	alluvium	river	
0821BOT	DEAD	Boyne Alluvium - Terrace component	821 BOT		Silty river alluvium	Boyne	Silty	river alluvium	alluvium	river	
0821BOW	DEAD	Boyne Alluvium - well-drained component	821 BOW		Silty river alluvium	Boyne	Silty	river alluvium	alluvium	river	
0312BY	LIVE	Broadway	312 BY		Coarse loamy drift with siliceous stones	Broadway	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311BL	LIVE	Broomhill	311 BL		Fine loamy over sandstone bedrock	Broomhill	Fine loamy	sandstone bedrock	bedrock	sandstone	
0311BR	LIVE	Broughillstown	311 BR		Coarse loamy over calcareous gravels	Broughillstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0311BRD	DEAD	Broughillstown Deep Phase	311 BRD		Coarse loamy over calcareous gravels	Broughillstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0311BRS	DEAD	Broughillstown Shallow Phase	311 BRS		Coarse loamy over calcareous gravels	Baggotstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0712BU	DEAD	Bunallun	712 BU		Coarse loamy stoneless drift	Driminidy	Coarse loamy	stoneless drift	drift	stoneless	
0213BU	LIVE	Burren	213 BU	140	Fine loamy over limestone bedrock	Burren	Fine loamy	limestone bedrock	bedrock	limestone	
0213BUD	DEAD	Burren deeper phase	213 BUD	140A	Fine loamy over limestone bedrock	Burren	Fine loamy	limestone bedrock	bedrock	limestone	
0213BUX	DEAD	Burren Extremely Rocky Phase	213 BUX	140Z	Fine loamy over limestone bedrock	Burren Rocky Phase	Fine loamy	limestone bedrock	bedrock	limestone	
0213BUR	LIVE	Burren rocky phase	213 BUR	140X	Fine loamy over limestone bedrock	Burren Rocky Phase	Fine loamy	limestone bedrock	bedrock	limestone	
0213BUV	DEAD	Burren very rocky phase	213 BUV	140Y	Loamy over limestone bedrock	Burren Rocky Phase	Loamy	limestone bedrock	bedrock	limestone	
0511CH	DEAD	Callaghane	511 CH		Coarse loamy drift with siliceous stones; locally over gravel	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0822CA	LIVE	Camoge	822 CA	63	Clayey river alluvium	Camoge	Clayey	river alluvium	alluvium	river	
0511CA	LIVE	Carne	511 CA		Coarse loamy stoneless drift	Carne	Coarse loamy	stoneless drift	drift	stoneless	
0212CY	LIVE	Carney	212 CY	148	Carbonatic-clayey lake marl alluvium	Carney	Carbonatic-clayey	lake marl alluvium	alluvium	lake marl	
0612CB	LIVE	Carrickbyrne	612 CB		Loamy over acid and basic igneous bedrock	Carrickbyrne	Loamy	acid and basic igneous bedrock	bedrock	acid and basic igneous	Acid or basic?
0313CG	LIVE	Carrigogunnell	313 CG	50	Coarse loamy over lithoskeletal basic igneous rock	Carrigogunnell	Coarse loamy	lithoskeletal basic igneous rock	bedrock	basic igneous rock	
0113CV	LIVE	Carrigvahanagh	113 CV	102	Peat over lithoskeletal acid igneous bedrock	Carrigvahanagh	Peat	acid igneous bedrock	bedrock	acid igneous	
0312CT	DEAD	Castlebar	312 CT		Coarse loamy drift with siliceous stones	Broadway	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0712CC	DEAD	Castlecomer	712 CC	105	Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311CM	LIVE	Clashmore	311 CM		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0811CN	LIVE	Clohamon	811 CN	39	Coarse loamy river alluvium	Clohamon	Coarse loamy	river alluvium	alluvium	river	
0711CH	LIVE	Clohernagh	711 CH		Fine loamy fragic drift with siliceous stones	Clohernagh	Fine loamy	fragic drift with siliceous stones	fragic drift	siliceous stones	
0723CS	LIVE	Clonaslee	723 CS		Coarse loamy over calcareous gravels	Clonaslee	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0512CG	LIVE	Clonegall	512 CG	97	Coarse loamy drift with siliceous stones	Clonegall	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511CN	LIVE	Clonin	511 CN	54	Coarse loamy over sandstone bedrock	Clonin	Coarse loamy	sandstone bedrock	bedrock	sandstone	Complex, UN07, Laois p.232-3
0723CK	DEAD	Clonlisk	723 CK		Fine loamy drift with limestones	Myerstown	Fine loamy	drift with limestones	drift	limestones	
0311CL	LIVE	Clonroche	311 CL		Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0914CS	LIVE	Clonsast	914 CS	907	Peat (Raised Bog, industrial milled and machined)	Clonsast	Peat	peat	peat	industrial	
0411CC	DEAD	Cloncarreen	411 CC		Fine loamy drift with siliceous stones	Dunboyne	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0313CV	DEAD	Cloverfield	313 CV	47	Fine loamy drift with siliceous stones	Ashgrove	Fine loamy	drift with siliceous stones	drift	siliceous stones	Limerick
0722CW	DEAD	Clowater	722 CW	108	Coarse loamy drift						

Id	Live	National Series	Subgr Code	Num	Modern Definition	Modern Correlative	Texture	Substrate Type	Substrate 1	Substrate 2	Notes
0411ET	LIVE	Elton	411 ET	59	Fine loamy drift with limestones	Elton	Fine loamy	drift with limestones	drift	limestones	
0414FH	DEAD	Fahy	414 FH		Coarse loamy drift with siliceous stones	Crosstown	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0821FA	LIVE	Feale	821 FA	82	Fine loamy river alluvium	Feale	Fine loamy	river alluvium	alluvium	river	
0821FAD	DEAD	Feale Dry variant	821 FAD	82	Fine loamy river alluvium	Feale	Fine loamy	river alluvium	alluvium	river	
0414FE	LIVE	Fethard	414 FE		Fine loamy drift with siliceous stones	Fethard	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0811FI	LIVE	Finisk	811 FI		Fine silty over non-calcareous gravels	Finisk	Fine silty	non-calcareous gravels	drift	non-calcareous gravels	
0311FN	DEAD	Finnea	311 FN		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511FN	DEAD	Finnea	511 FN		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0824FNK	DEAD	Finnery	824 FNK		Carbonatic-loamy lake marl alluvium	Drombanny	Carbonatic-loamy	lake marl alluvium	alluvium	lake marl	Kildare
0820FN	LIVE	Finnery - River Burren	820 FN	132	Variable river alluvium	Finnery - River Burren	Variable	river alluvium	river		
0411FT	DEAD	Fontstown	411 FT	120	Loamy drift with limestones	Patrickswell	loamy	drift with limestones	drift	limestones	
0632FC	LIVE	Forth Commons	632 FC		Loamy over sandstone bedrock	Forth Commons	loamy	sandstone bedrock	bedrock	sandstone	
0711GS	DEAD	Garristown	711 GS	127	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0723GH	DEAD	Garryhinch Series 1	723 GH		Fine loamy drift with limestones	Mylerstown	Fine loamy	drift with limestones	drift	limestones	
0721GH	DEAD	Garryhinch Series 2	721 GH		Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0724GH	DEAD	Garryhinch Series 3	724 GH		Coarse loamy drift with limestones	Ballintemple	Coarse loamy	drift with limestones	drift	limestones	
0913GA	DEAD	Garrymona	913 GA		Peat cutover (Raised Bog)	Gortnamona	Peat	peat cutover (raised bog)	peat	raised bog	Cut peat
0912GN	LIVE	Garrynamona	912 GN		Peat (Raised Bog)	Garrynamona	Peat	peat	peat	raised bog	
0711GV	DEAD	Garvagh	711 GV	71	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712GL	DEAD	Glan	712 GL		Coarse loamy drift with siliceous stones	Driminidy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722GH	DEAD	Glassheenahelian	722 GH		Coarse loamy drift with siliceous stones (compact sandy till)	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0911GY	DEAD	Glenamoy	911 GY		Peat (Blanket Bog)	Aughy	Peat	peat	peat	blanket bog	
0913GYC	DEAD	Glenamoy Cutover	913 GYC		Peat (Blanket Bog)	Aughy Cutover	Peat	peat	peat	blanket bog	
0632GL	LIVE	Glenary	632 GL		Loamy drift with siliceous stones	Glenary	loamy	drift with siliceous stones	drift	siliceous stones	
0612GB	LIVE	Glenbough Variant	612 GB		Sandy stoneless drift	Glenbough variant	Sandy	stoneless drift	drift	stoneless	vexford
0821GL	DEAD	Glenomra	821 GL	142	Coarse loamy river alluvium	Lyre	Coarse loamy	river alluvium	alluvium	river	
0712GN	LIVE	Gortaclareen	712 GN	68	Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0913GM	LIVE	Gortnamona	913 GM	913	Peat cutover (Raised Bog)	Gortnamona	Peat	peat cutover (raised bog)	peat	raised bog	Cut peat
0411GW	DEAD	Graceswood	411 GW		Coarse loamy over calcareous gravels	Baggotstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0411GA	DEAD	Grange	411 GA	121	Loamy drift with limestones	Elton	loamy	drift with limestones	drift	limestones	
0731GE	LIVE	Greenane	731 GE	108	Loamy drift with siliceous stones	Greenane	loamy	drift with siliceous stones	drift	siliceous stones	
0822GR	LIVE	Griston	822 GR	69	Sandy lake marl alluvium	Griston	Sandy	lake marl alluvium	alluvium	lake marl	
0911GW	DEAD	Gweesalla	911 GW		Peat (Blanket Bog)	Aughy	Peat	peat	peat	blanket bog	
0411HH	DEAD	Hook Head	411 HH		Loamy drift with limestones	Patrickswell	loamy	drift with limestones	drift	limestones	
0712HN	LIVE	Howardstown	712 HN	70	Clayey drift with limestones	Howardstown	Clayey	drift with limestones	drift	limestones	
0311HT	DEAD	Hughstown	311 HT	123	Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0811IL	LIVE	Ilen	811 IL		Loamy river alluvium over gravels	Ilen	loamy	river alluvium	alluvium	river	
0412JH	LIVE	Johnstown	412 JH		Coarse loamy drift with siliceous stones	Johnstown	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311KL	DEAD	Keeloge	311 KL	96	Coarse loamy drift over hard shale	Kells	Coarse loamy	drift over hard shale	drift	shale	
0411KL	LIVE	Kellistown	411 KL	89	Coarse loamy drift with limestones	Kellistown	Coarse loamy	drift with limestones	drift	limestones	
0311KE	LIVE	Kells	311 KE		Coarse loamy over shale or slate bedrock	Kells	Coarse loamy	shale or slate bedrock	bedrock	shale or slate	
0311KC	LIVE	Kennycourt	311 KC	122	Fine loamy drift with limestones	Kennycourt	Fine loamy	drift with limestones	drift	limestones	
0921KR	LIVE	Kilbarry	921 KR		Peat over river alluvium	Kilbarry	Peat	river alluvium	alluvium	river	
0311KB	DEAD	Kilbhereny	311 KB	48	Sandy drift with siliceous stones	Ballyvorheen	Sandy	drift with siliceous stones	drift	siliceous stones	
0213KC	LIVE	Kilcolgan	213 KC	141	Fine loamy drift with limestones	Kilcolgan	Fine loamy	drift with limestones	drift	limestones	
0213KCB	DEAD	Kilcolgan bouldery phase	213 KCB	141	Fine loamy drift with limestones	Kilcolgan	Fine loamy	drift with limestones	drift	limestones	
0711KC	DEAD	Kilcommon	711 KC	251	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712KCP	DEAD	Kilcommon peaty phase	712 KCP		Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0321KF	LIVE	Kilfenora	321 KF	134	Clayey drift over limestone bedrock	Kilfenora	Clayey	drift over limestone bedrock	bedrock	limestone	
0311KF	DEAD	Kilfergus	311 KF	51	Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0821KG	LIVE	Kilgory	821 KG	144	Sandy river alluvium	Kilgory	Sandy	river alluvium	alluvium	river	
0311KI	LIVE	Kill	311 KI		Fine loamy drift with igneous and metamorphic stones	Kill	Fine loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0311KIL	LIVE	Kill lithic phase	311 KIL		Fine loamy over acid igneous bedrock	Kill lithic phase	Fine loamy	acid igneous bedrock	bedrock	acid igneous	
0711KD	DEAD	Killadangan	711 KD		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0631KD	LIVE	Killadoon	631 KD		Loamy drift with siliceous stones	Killadoon	loamy	drift with siliceous stones	drift	siliceous stones	includes UN35
0631KDB	DEAD	Killadoon bouldery phase	631 KDB		Loamy drift with siliceous stones	Killadoon	loamy	drift with siliceous stones	drift	siliceous stones	
0631KDP	DEAD	Killadoon bouldery phase	631 KDP		Loamy drift with siliceous stones	Killadoon	loamy	drift with siliceous stones	drift	siliceous stones	
0632KA	LIVE	Killinga	632 KA		Loamy compact drift with siliceous stones	Killinga	loamy	drift with siliceous stones	drift	siliceous stones	fine grained sandstone till
0311KN	DEAD	Killinck	311 KN		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0513KA	DEAD	Killnaguer	513 KA		Coarse loamy drift with siliceous stones	Knockboy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	West Mayo
0821KK	LIVE	Kilmannock	821 KK	35	Silty estuarine alluvium	Kilmannock	Silty	estuarine alluvium	alluvium	estuarine	
0411KM	DEAD	Kilmeaden	411 KM		Fine loamy drift with siliceous stones	Dunboyne	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0823KS	LIVE	Kilmore Slob	823 KS		Sandy marine alluvium	Kilmore Slob	Sandy	marine alluvium	alluvium	marine	
0823KSV	LIVE	Kilmore slob variant	823 KSV		Clayey marine alluvium	Kilmore Slob variant	Clayey	marine alluvium	alluvium	marine	
0511KG	DEAD	Kilnaguer	511 KG		Sandy drift with igneous and metamorphic stones	Kiltealy	Sandy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0723KL	DEAD	Kilpatrick	723 KL	128	Fine loamy drift with limestones	Mylerstown	Fine loamy	drift with limestones	drift	limestones	
0721KP	LIVE	Kilperce	721 KP		Fine loamy drift with siliceous stones	Kilperce	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711KR	LIVE	Kilrush	711 KR	71	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0511KY	LIVE	Kiltealy	511 KY	22	Sandy drift with igneous and metamorphic stones	Kiltealy	Sandy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0711KT	DEAD	Kiltyclogher	711 KT		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311KVW	DEAD	Kinvarra	311 KVW		Coarse loamy over limestone bedrock	UNnamed_65	Coarse loamy	limestone bedrock	bedrock	limestone	West Mayo
0311KV	LIVE	Kinvarra	311 KV	135	Fine loamy over clayey drift with limestones	Kinvarra	Fine loamy over clayey	drift with limestones	drift	limestones	Clare
0311KVB	DEAD	Kinvarra Bouldery phase	311 KVB	135	Fine loamy over clayey drift with limestones	Kinvarra	Fine loamy over clayey	drift with limestones	drift	limestones	
0411KK	DEAD	Knock	411 KK	60	Loamy drift with limestones	Patrickswell	loamy	drift with limestones	drift	limestones	
0513KC	LIVE	Knockaceol	513 KC	77	Coarse loamy over sandstone bedrock	Knockaceol	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0513KCB	DEAD	Knockaceol bouldery phase	513 KCB	77	Coarse loamy over sandstone bedrock	Knockaceol	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0513KCP	DEAD	Knockaceol peaty phase	513 KCP	77	Coarse loamy over sandstone bedrock	Knockaceol	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0411KYV	DEAD	Knockainy Variant	411 KYV	59	Fine loamy drift with limestones	Elton	Fine loamy	drift with limestones	drift	limestones	
0632KT	DEAD	Knockanattin	632 KT	139	Loamy drift with siliceous stones	Killinga	loamy	drift with siliceous stones	drift	siliceous stones	
0632KTB	DEAD	Knockanattin bouldery phase	632 KTB	139	Loamy drift with siliceous stones	Killinga	loamy	drift with siliceous stones	drift	siliceous stones	
0632KTP	DEAD	Knockanattin peaty phase	632 KTP	139	Loamy drift with siliceous stones	Killinga	loamy	drift with siliceous stones	drift	siliceous stones	
0632KI	DEAD	Knockanimpaha	632 KI	78	Loamy over shale or slate bedrock	Knockastanna	loamy	shale or slate bedrock	bedrock	shale or slate	
0511KSB	DEAD	Knockastanna	511 KSB		Fine loamy over shale or slate bedrock	Cupidstownhill	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0632KS	LIVE	Knockastanna	632 KS	79	Loamy over shale or slate bedrock	Knockastanna	loamy	shale or slate bedrock	bedrock	shale or slate	includes UN66
0632KSP	DEAD	Knockastanna peaty phase	632 KSP	79	Loamy over shale or slate bedrock	Knockastanna	loamy	shale or slate bedrock	bedrock	shale or slate	
0411KB	DEAD	Knockbeg	411 KB		Loamy drift with limestones	Patrickswell	loamy	drift with limestones	drift	limestones	
0411KBS	DEAD	Knockbeg stony phase	411 KBS		Loamy drift with limestones	Patrickswell	loamy	drift with limestones	drift	limestones	
0513KB	LIVE	Knockboy	513 KB		Coarse loamy drift with siliceous stones	Knockboy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0612KE	DEAD	Knockcommane	612 KE		Loamy drift with siliceous stones	Portlaw	loamy	drift with siliceous stones	drift	siliceous stones	
0612KEV	DEAD	Knockcommane variant	612 KEV		Loamy drift with siliceous stones	Portlaw	loamy	drift with siliceous stones	drift	siliceous stones	
0112KY	LIVE	Knockeyon	112 KY	204	Loamy over lithoskeletal sandstone	Knockeyon	loamy	lithoskeletal sandstone	lithoskeletal	sandstone	
0632KYP	DEAD	Knockeyon slightly peaty podzol variant	632 KYP	204	Loamy over lithoskeletal sandstone	Forth Commons	Loamy	lithoskeletal sandstone	lithoskeletal	sandstone	
0911KM	LIVE	Knockmealdown	911 KM		Peat over rock	Knockmealdown	Peat	peat	peat over rock		
0722KM	DEAD	Knockmullgurry	722 KM	109	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0311KH	DEAD	Knockaskeha	311 KH	136	Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0721KO	LIVE	Knockroe	721 KO		Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0112KW	LIVE	Knockshigowna	112 KW		Loamy over lithoskeletal shale or slate bedrock	Knockshigowna	loamy	shale or slate bedrock	bedrock	shale or slate	
0311KS	LIVE	Knocksquire	311 KS	98	Coarse loamy over acid igneous bedrock	Knocksquire	Coarse loamy	acid igneous bedrock	bedrock	acid igneous	
0311LA	LIVE	Ladestown	311 LA	199	Fine loamy over calcareous gravels	Ladestown	Fine loamy	calcareous gravels	drift	calcareous gravels	
0722LT	DEAD	Letter	722 LT		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0632LB	DEAD	Letterbrock	632 LB		Loamy drift with siliceous stones	Killinga	loamy	drift with siliceous stones	drift	siliceous stones	
0632LBB	DEAD	Letterbrock bouldery phase	632 LBB		Loamy drift with siliceous stones	Killinga	loamy	drift with siliceous stones	drift	siliceous stones	
0712LC	DEAD	Lickey	712 LC		Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0811LF	DEAD	Liffey	811 LF	125	Coarse loamy river alluvium	Clohamon	Coarse loamy	river alluvium	alluvium	river	
0314LO	LIVE	Loughmuirran	314 LO		Clayey drift with siliceous stones (colluvium)	Loughmuirran	Clayey	drift with siliceous stones	drift	siliceous stones	
0821LY	LIVE	Lyre	821 LY	72	Coarse loamy river alluvium	Lyre	Coarse loamy	river alluvium	alluvium	river	
0711MC	LIVE	Macamore	711 MC		Fine loamy over clayey drift with limestones	Macamore	Fine loamy over clayey	drift with limestones	drift	limestones	
0511MD	DEAD	Madore	511 MD		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0811MH	DEAD	Manch	811 MH		Loamy river alluvium over gravels	Ilen	loamy	river alluvium	alluvium	river	
0611MB	DEAD	Massbrook	611 MB		Loamy drift with igneous and metamorphic stones	Stonemark	loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611MBB	DEAD	Massbrook bouldery phase	611 MBB		Loamy drift with igneous and metamorphic stones	Stonemark	loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611MBP	DEAD	Massbrook peaty phase	611 MBP		Loamy drift with igneous and metamorphic stones	Stonemark	loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0811ML	DEAD	Mealagh	811 ML		Loamy river alluvium over gravels	Ilen	loamy	river alluvium	alluvium	river	
0822MQ	LIVE	Millquarter	822 MQ	38	Fine silty lake marl alluvium	Millquarter	Fine silty	lake marl alluvium	alluvium	lake marl	
0813MP	LIVE	Milltownpass	813 MP	207	Sandy stoneless drift	Milltownpass	Sandy	stoneless drift	drift	stoneless	
0712MN	DEAD	Moanduff	712 MN	110	Fine loamy drift with limestones	Ballinamore	Fine loamy	drift with limestones	drift	limestones	
1011MT	LIVE	Monatray	1011 MT		Loamy drift with siliceous stones	Monatray	loamy	drift with siliceous stones	drift	siliceous stones	
0632MV	LIVE	Monavullagh	632 MV								

Id		Live	National Series	Subgrc	Code	Num	Modern Definition	Modern Correlative	Texture	Substrate Type	Substrate 1	Substrate 2	Notes
0513RE	DEAD		Reanascreea	513	RE		Coarse loamy drift with siliceous stones	Knockboy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0812RY	LIVE		Rearymore	812	RY		Fine loamy river alluvium	Rearymore	Fine loamy	river alluvium	alluvium	river	
0513RG	DEAD		Ridge	513	RG		Fine loamy over mudstone, shale or slate bedrock	Borrisoleigh	Fine loamy	mudstone, shale or slate bedrock	bedrock	shale or slate	Carlow
0311RG	DEAD		Ridge	311	RG	99	Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	Laois
0311RGS	DEAD		Ridge Steep phase	311	RGS		Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	Laois
0311RGY	DEAD		Ridge Stony phase	311	RGY		Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	Laois
0112RN	LIVE		Rineanna	112	RN	84	Loamy over lithoskeletal limestone	Rineanna	oamy	lithoskeletal limestone	lithoskeletal	limestone	
0711RG	DEAD		Rinnagowna	711	RG		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0821RB	DEAD		River Burren	821	RB	115	River alluvium (variable texture)	Finnelly - River Burren	Variable	river alluvium	alluvium	river	
0811RS	DEAD		Rooskagh	811	RS		Coarse loamy river alluvium	Clohamon	Coarse loamy	river alluvium	alluvium	river	
0712RT	LIVE		Rootiagh	712	RT	75	Fine loamy drift with igneous and metamorphic stones	Rootiagh	Fine loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	Limerick
0511RO	LIVE		Ross Carbery	511	RO		Coarse loamy compact drift with siliceous stones	Ross Carbery	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	
0511ROB	DEAD		Ross Carbery Broken phase	511	ROB		Coarse loamy compact drift with siliceous stones	Ross Carbery	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	
0511ROP	DEAD		Ross Carbery Plaggen	511	ROP		Coarse loamy compact drift with siliceous stones	Ross Carbery	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	
0112ROR	DEAD		Ross Carbery Rocky phase	112	ROR		Coarse loamy compact drift with siliceous stones	Bantry	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	West Cork
1011ROV	DEAD		Ross Carbery variant	1011	ROV		Coarse loamy compact drift with siliceous stones	Schull Plaggen	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	West Cork
0632RM	DEAD		Rossmore	632	RM		Loamy drift with siliceous stones	Killinga	oamy	drift with siliceous stones	drift	siliceous stones	Laois
0612SH	DEAD		Sandhills variant	612	SH		Sandy stoneless drift	Glenbough variant	Sandy	stoneless drift	drift	stoneless	Wexford
0712SW	DEAD		Sawyerswood	712	SW	130	Clayey drift with limestones	Howardstown	Clayey	drift with limestones	drift	limestones	
0313SH	LIVE		Schull	313	SH		Coarse loamy drift with siliceous stones	Schull	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
1011SHP	LIVE		Schull Plaggen	1011	SHP		Coarse loamy drift with siliceous stones	Schull Plaggen	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0112SHR	DEAD		Schull Rocky phase	112	SHR		Peat over sandstone or shale bedrock	Bantry	Peat	sandstone or shale bedrock	bedrock	sandstone or shale	West Cork
0313SHY	DEAD		Schull Rocky Variant	313	SHY		Coarse loamy drift with siliceous stones	Schull	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
1011SHV	DEAD		Schull variant	1011	SHV		Coarse loamy drift with siliceous stones	Schull Plaggen	Coarse loamy	drift with siliceous stones	drift	siliceous stones	West Cork
0311SG	LIVE		Scraggen	311	SG		Coarse loamy over non-calcareous gravels	Scraggen	Coarse loamy	non-calcareous gravels	drift	non-calcareous gravels	No profile- Tipperary
0511SN	LIVE		Screen	511	SN		Sandy stoneless drift	Screen	Sandy	stoneless drift	drift	stoneless	
0211SE	LIVE		Seafield	211	SE	146	Sandy stoneless drift	Seafield	Sandy	stoneless drift	drift	stoneless	
0632SF	DEAD		Seefin	632	SF	80	Loamy over sandstone bedrock	Forth Commons	oamy	sandstone bedrock	bedrock	sandstone	
0721SN	DEAD		Sellernaun	721	SN	143	Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0712SK	DEAD		Seskinrea	712	SK	114	Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0822SH	LIVE		Shannon	822	SH	76	Fine silty estuarine alluvium	Shannon	Fine silty	estuarine alluvium	alluvium	estuarine	
0722SB	LIVE		Sieve Bloom	722	SB		Coarse loamy upland drift with siliceous stones	Sieve Bloom	Coarse loamy	upland drift with siliceous stones	upland drift	siliceous stones	CLY DR, SIL uplands
0721SBN	DEAD		Sieve Bloom non Peaty Phase	721	SBN		Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722SBS	DEAD		Sieve Bloom steep Phase	722	SBS		Coarse loamy upland drift with siliceous stones	Sieve Bloom	Coarse loamy	upland drift with siliceous stones	upland drift	siliceous stones	
0722SBU	DEAD		Sieve Bloom undulating Phase	722	SBU		Coarse loamy upland drift with siliceous stones	Sieve Bloom	Coarse loamy	upland drift with siliceous stones	upland drift	siliceous stones	
0611SG	LIVE		Sievebeag	611	SG		Loamy over shale or slate bedrock	Sievebeag	oamy	shale or slate bedrock	bedrock	shale or slate	includes UN34
0513SC	DEAD		Sievecoiliba	513	SC		Fine loamy over mudstone, shale or slate bedrock	Borrisoleigh	Fine loamy	mudstone, shale or slate bedrock	bedrock	shale or slate	
0112SR	DEAD		Siev ereagh	112	SR	85	Loamy over lithoskeletal sandstone	Knockeyon	oamy	lithoskeletal sandstone	lithoskeletal	sandstone	
0821SB	DEAD		Slob	821	SB		Silty estuarine alluvium	Kilmannock	Silty	estuarine alluvium	alluvium	estuarine	Waterford
0311S01	DEAD		Soil 1	311	S01	95	Coarse loamy drift with igneous and metamorphic stones	Borris	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	West Donegal
0911S10	DEAD		Soil 10	911	S10		Peat (Blanket Bog)	Aughy	Peat	peat	blanket bog	blanket bog	West Donegal
0911S10a	DEAD		Soil 10a	911	S10a		Peat (Blanket Bog)	Aughy	Peat	peat	blanket bog	blanket bog	West Donegal
0911S10b	DEAD		Soil 10b	911	S10b		Peat (Blanket Bog)	Aughy	Peat	peat	blanket bog	blanket bog	West Donegal
0912S11	DEAD		Soil 11	912	S11		Peat (Blanket Bog)	Aughy drained	Peat	peat	blanket bog	blanket bog	
0912S11a	DEAD		Soil 11a	912	S11a		Peat (Blanket Bog)	Aughy drained	Peat	peat	blanket bog	blanket bog	
0912S11b	DEAD		Soil 11b	912	S11b		Peat (Blanket Bog)	Aughy drained	Peat	peat	blanket bog	blanket bog	
0913S12	DEAD		Soil 12	913	S12		Peat (Blanket Bog)	Aughy cutover	Peat	peat	blanket bog	blanket bog	
0211S17	DEAD		Soil 17	211	S17		Sandy stoneless drift	Seafield	Sandy	stoneless drift	drift	stoneless	
0211S18	DEAD		Soil 18	211	S18		Sandy stoneless drift	Seafield	Sandy	stoneless drift	drift	stoneless	
0311S01a	DEAD		Soil 1a	311	S01a	95	Coarse loamy drift with igneous and metamorphic stones	Borris	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	West Donegal
0511S02	DEAD		Soil 2	511	S02		Sandy drift with igneous and metamorphic stones	Kiltealy	Sandy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0113S20	DEAD		Soil 20	113	S20		Peat over lithoskeletal acid igneous rock	Carrigvahanagh	Peat	lithoskeletal acid igneous rock	lithoskeletal	acid igneous rock	
0113S20a	DEAD		Soil 20a	113	S20a		Peat over lithoskeletal acid igneous rock	Carrigvahanagh	Peat	lithoskeletal acid igneous rock	lithoskeletal	acid igneous rock	
0912S22	DEAD		Soil 22	912	S22		Peat (Blanket Bog)	Aughy drained	Peat	peat	blanket bog	blanket bog	
0912S22a	DEAD		Soil 22a	912	S22a		Peat (Blanket Bog)	Aughy drained	Peat	peat	blanket bog	blanket bog	
0911S23	DEAD		Soil 23	911	S23		Peat (Blanket Bog)	Aughy	Peat	peat	blanket bog	blanket bog	West Donegal
0911S23a	DEAD		Soil 23a	911	S23a		Peat (Blanket Bog)	Aughy	Peat	peat	blanket bog	blanket bog	West Donegal
0911S23b	DEAD		Soil 23b	911	S23b		Peat (Blanket Bog)	Aughy	Peat	peat	blanket bog	blanket bog	West Donegal
0821S28	DEAD		Soil 28	821	S28		Coarse loamy river alluvium	Lyre	Coarse loamy	river alluvium	alluvium	river	
0822S29	DEAD		Soil 29	822	S29		Coarse loamy river alluvium	UNnamed_49	Coarse loamy	river alluvium	alluvium	river	
0511S02a	DEAD		Soil 2a	511	S02a		Sandy drift with igneous and metamorphic stones	Kiltealy	Sandy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611S03	DEAD		Soil 3	611	S03		Loamy over gneiss or schist bedrock	Black Rock Mountain	oamy	gneiss or schist bedrock	bedrock	gneiss or schist	
0922S30	DEAD		Soil 30	922	S30		Peat (Fen)	Banagher	Peat	peat	fen peat	fen peat	
0611S03a	DEAD		Soil 3a	611	S03a		Loamy over gneiss or schist bedrock	Black Rock Mountain	oamy	gneiss or schist bedrock	bedrock	gneiss or schist	
0722S04	DEAD		Soil 4	722	S04		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S04a	DEAD		Soil 4a	722	S04a		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S04b	DEAD		Soil 4b	722	S04b		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S05	DEAD		Soil 5	722	S05		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S05a	DEAD		Soil 5a	722	S05a		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S05b	DEAD		Soil 5b	722	S05b		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0612S06	DEAD		Soil 6	612	S06		Sandy drift with siliceous stones	UNnamed_38	Sandy	drift with siliceous stones	drift	siliceous stones	
0611S08	DEAD		Soil 8	611	S08		Loamy over gneiss or schist bedrock	Black Rock Mountain	oamy	gneiss or schist bedrock	bedrock	gneiss or schist	
0722S09	DEAD		Soil 9	722	S09		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0511SH	DEAD		Srah	511	SH		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0611SP	LIVE		Stonepark	611	SP		Loamy drift with igneous and metamorphic stones	Stonepark	oamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0411SY	DEAD		Stradbally	411	SY		Loamy drift with limestones	Patrickswell	oamy	drift with limestones	drift	limestones	
0411SYR	DEAD		Stradbally Rocky Phase	411	SYR		Loamy drift with limestones	Patrickswell	oamy	drift with limestones	drift	limestones	
0711ST	LIVE		Straffan	711	ST	133	Fine loamy drift with limestones	Straffan	Fine loamy	drift with limestones	drift	limestones	
0711SR	DEAD		Street	711	SR	202	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711SRN	DEAD		Street New Red Sandstone Variat	711	SRN		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0811SU	LIVE		Suir	811	SU		Fine silty river alluvium	Suir	Fine silty	river alluvium	alluvium	river	
0722TV	DEAD		Tallavbaun	722	TV		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722TVB	DEAD		Tallavbaun Bouldery Phase	722	TVB		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722TVP	DEAD		Tallavbaun Peaty Phase	722	TVP		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0632TH	DEAD		Temple Hill variant	632	TH		Loamy over shale or slate bedrock	Knockastanna	oamy	shale or slate bedrock	bedrock	shale or slate	Limerick
0722TS	DEAD		Templeshanbo	722	TS		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722TB	DEAD		Toberbride	722	TB	115	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0512TO	LIVE		Tomard	512	TO	101	Fine loamy over shale or slate bedrock	Tomard	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0722TK	LIVE		Tourmakeady	722	TK		Fine loamy drift with siliceous stones	Tourmakeady	Fine loamy	drift with siliceous stones	drift	siliceous stones	includes UN44
0711TR	LIVE		Tramore	711	TR		Coarse loamy drift with igneous and metamorphic stones	Tramore	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0712TN	DEAD		Trean	721	TN		Coarse loamy drift with siliceous stones	Kilpierce	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0314TU	DEAD		Tullig	314	TU	137	Fine loamy drift with siliceous stones	Moord	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0913TB	LIVE		Turbary	913	TB	914	Peat (Raised Bog, undrained, hand-cut)	Turbary	Peat	peat	cutover	cutover	Cut peat
0111UN01	LIVE		UNnamed_01	111	UN01		Loamy over lithoskeletal basic igneous rock	UNnamed_01	oamy	lithoskeletal basic igneous rock	lithoskeletal	basic igneous rock	
0112UN02	LIVE		UNnamed_02	112	UN02		Loamy over lithoskeletal gneiss or schist	UNnamed_02	oamy	lithoskeletal gneiss or schist	lithoskeletal	gneiss or schist	
0311UN03	LIVE		UNnamed_03	311	UN03		Fine loamy over non-calcareous gravels	UNnamed_03	Fine loamy	non-calcareous gravels	drift	non-calcareous gravels	
0313UN04	LIVE		UNnamed_04	313	UN04		Fine loamy over shale or slate bedrock	UNnamed_04	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0321UN05	LIVE		UNnamed_05	321	UN05		Fine loamy over calcareous gravels	UNnamed_05	Fine loamy	calcareous gravels	drift	calcareous gravels	
0511UN06	LIVE		UNnamed_06	511	UN06		Coarse loamy over non-calcareous gravels	UNnamed_06	Coarse loamy	non-calcareous gravels	drift	non-calcareous gravels	
0511UN07	DEAD		UNnamed_07	511	UN07		Coarse loamy over sandstone bedrock	Clonin	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0711UN08	LIVE		UNnamed_08	711	UN08		Clayey over shale or slate bedrock	UNnamed_08	Clayey	shale or slate bedrock	bedrock	shale or slate bedrock	
0711UN09	LIVE		UNnamed_09	711	UN09		Fine loamy over clayey drift with siliceous stones	UNnamed_09	Fine loamy over clayey	drift with siliceous stones	drift	siliceous stones	
0721UN10	LIVE		UNnamed_10	721	UN10		Loamy over lithoskeletal shale or slate	UNnamed_10	oamy	lithoskeletal shale or slate	lithoskeletal	shale or slate	
0811UN11	LIVE		UNnamed_11	811	UN11		Coarse loamy river alluvium	Clohamon	Coarse loamy	river alluvium	alluvium	river	
0811UN12	LIVE		UNnamed_12	811	UN12		Silty river alluvium						

Id	Live	National Series	Subgr	Code	Num	Modern Definition	Modern Correlative	Texture	Substrate Type	Substrate 1	Substrate 2	Notes
0111UN01	LIVE	UNNamed_01	111	UN01		Loamy over lithoskeletal basic igneous rock	UNNamed_01	oamy	ithoskeletal basic igneous rock	lithoskeletal	basic igneous rock	
0111UN51	LIVE	UNNamed_51	111	UN51		Loamy over sandstone bedrock	UNNamed_51	oamy	sandstone bedrock	bedrock	sandstone	
0111UN14	LIVE	UNNamed_14	111	UN14		Loamy over shale or slate bedrock	UNNamed_14	oamy	shale or slate bedrock	bedrock	shale or slate	
0112ROR	DEAD	Ross Carbery Rocky phase	112	ROR		Coarse loamy compact drift with siliceous stones	Bantry	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	West Cork
0112UN02	LIVE	UNNamed_02	112	UN02		Loamy over lithoskeletal gneiss or schist	UNNamed_02	oamy	lithoskeletal gneiss or schist	lithoskeletal	gneiss or schist	
0112CP	DEAD	Crumpaun	112	CP		Loamy over lithoskeletal limestone bedrock	Rineanna	oamy	lithoskeletal limestone	lithoskeletal	limestone	40 deg slopes!
0112RN	LIVE	Rineanna	112	RN	84	Loamy over lithoskeletal limestone	Rineanna	oamy	lithoskeletal limestone	lithoskeletal	limestone	
0112KY	LIVE	Knockeyon	112	KY	204	Loamy over lithoskeletal sandstone	Knockeyon	oamy	lithoskeletal sandstone	lithoskeletal	sandstone	
0112SR	DEAD	Slievereagh	112	SR	85	Loamy over lithoskeletal sandstone	Knockeyon	oamy	lithoskeletal sandstone	lithoskeletal	sandstone	
0112SHR	DEAD	Schull Rocky phase	112	SHR		Peat over sandstone or shale bedrock	Bantry	Peat	sandstone or shale bedrock	bedrock	sandstone or shale	West Cork
0112KW	LIVE	Knockshigowna	112	KW		Loamy over lithoskeletal shale or slate bedrock	Knockshigowna	oamy	shale or slate bedrock	bedrock	shale or slate	
0113CV	LIVE	Carrigvahanagh	113	CV	102	Peat over lithoskeletal acid igneous bedrock	Carrigvahanagh	Peat	acid igneous bedrock	bedrock	acid igneous	
0113S20	DEAD	Soil 20	113	S20		Peat over lithoskeletal acid igneous rock	Carrigvahanagh	Peat	lithoskeletal acid igneous rock	lithoskeletal	acid igneous rock	
0113S20a	DEAD	Soil 20a	113	S20a		Peat over lithoskeletal acid igneous rock	Carrigvahanagh	Peat	lithoskeletal acid igneous rock	lithoskeletal	acid igneous rock	
0113BA	LIVE	Bantry	113	BA		Peat over sandstone and shale bedrock	Bantry	Peat	sandstone and shale bedrock	bedrock	sandstone and shale	
0211UN15	LIVE	UNNamed_15	211	UN15		Loamy over limestone bedrock	UNNamed_15	oamy	imestone bedrock	bedrock	limestone	
0211SE	LIVE	Seafield	211	SE	146	Sandy stoneless drift	Seafield	Sandy	stoneless drift	drift	stoneless	
0211S17	DEAD	Soil 17	211	S17		Sandy stoneless drift	Seafield	Sandy	stoneless drift	drift	stoneless	
0211S18	DEAD	Soil 18	211	S18		Sandy stoneless drift	Seafield	Sandy	stoneless drift	drift	stoneless	
0212CY	LIVE	Carney	212	CY	148	Carbonatic-clayey lake marl alluvium	Carney	Carbonatic-clayey	lake marl alluvium	alluvium	lake marl	
0213CS	LIVE	Crush	213	CS		Coarse loamy over calcareous gravels	Crush	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0213RE	DEAD	Rakestreet	213	RE		Sandy drift with calcareous gravels	Crush	Sandy	drift with calcareous gravels	drift	calcareous gravels	
0213KC	LIVE	Kilcolgan	213	KC	141	Fine loamy drift with limestones	Kilcolgan	Fine loamy	drift with limestones	drift	limestones	
0213KCB	DEAD	Kilcolgan bouldery phase	213	KCB	141	Fine loamy drift with limestones	Kilcolgan	Fine loamy	drift with limestones	drift	limestones	
0213BU	LIVE	Burren	213	BU	140	Fine loamy over limestone bedrock	Burren	Fine loamy	imestone bedrock	bedrock	limestone	
0213BUD	DEAD	Burren deeper phase	213	BUD	140A	Fine loamy over limestone bedrock	Burren	Fine loamy	imestone bedrock	bedrock	limestone	
0213BUX	DEAD	Burren Extremely Rocky Phase	213	BUX	140Z	Fine loamy over limestone bedrock	Burren Rocky Phase	Fine loamy	limestone bedrock	bedrock	limestone	
0213BUR	LIVE	Burren rocky phase	213	BUR	140X	Fine loamy over limestone bedrock	Burren Rocky Phase	Fine loamy	limestone bedrock	bedrock	limestone	
0213BUV	DEAD	Burren very rocky phase	213	BUV	140Y	Loamy over limestone bedrock	Burren Rocky Phase	Loamy	limestone bedrock	bedrock	limestone	
0311BT	DEAD	Ballytarsna	311	BT	94	Coarse loamy over acid igneous bedrock	Knocksquire	Coarse loamy	acid igneous bedrock	bedrock	acid igneous	
0311KS	LIVE	Knocksquire	311	KS	98	Coarse loamy over acid igneous bedrock	Knocksquire	Coarse loamy	acid igneous bedrock	bedrock	acid igneous	
0311KIL	LIVE	Kill lithic phase	311	KIL		Fine loamy over acid igneous bedrock	Kill lithic phase	Fine loamy	acid igneous bedrock	bedrock	acid igneous	
0311BR	LIVE	Broughillstown	311	BR		Coarse loamy over calcareous gravels	Broughillstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0311BRD	DEAD	Broughillstown Deep Phase	311	BRD		Coarse loamy over calcareous gravels	Broughillstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0311BRS	DEAD	Broughillstown Shallow Phase	311	BRS		Coarse loamy over calcareous gravels	Baggotstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0311LA	LIVE	Ladestown	311	LA	199	Fine loamy over calcareous gravels	Ladestown	Fine loamy	calcareous gravels	drift	calcareous gravels	
0311KL	DEAD	Keeloge	311	KL	96	Coarse loamy drift over hard shale	Kells	Coarse loamy	drift over hard shale	drift	shale	
0311BO	LIVE	Borris	311	BO	95	Coarse loamy drift with igneous and metamorphic stones	Borris	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0311S01	DEAD	Soil 1	311	S01	95	Coarse loamy drift with igneous and metamorphic stones	Borris	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	West Donegal
0311S01a	DEAD	Soil 1a	311	S01a	95	Coarse loamy drift with igneous and metamorphic stones	Borris	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	West Donegal
0311DK	DEAD	Derk	311	DK		Coarse loamy drift with igneous and metamorphic stones	Kill	Fine loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0311DKL	DEAD	Derk Lithosol Variant	311	DKL		Fine loamy drift with igneous and metamorphic stones	Kill	Fine loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0311DKS	DEAD	Derk Shaley Phase	311	DKS		Fine loamy drift with igneous and metamorphic stones	Kill	Fine loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0311KI	LIVE	Kill	311	KI		Fine loamy drift with igneous and metamorphic stones	Kill	Fine loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0311UN65	LIVE	UNNamed_65	311	UN65		Coarse loamy drift with limestones	UNNamed_65	Coarse loamy	drift with limestones	drift	limestones	includes Kinvarra in West Mayo
0311KC	LIVE	Kennycourt	311	KC	122	Fine loamy drift with limestones	Kennycourt	Fine loamy	drift with limestones	drift	limestones	
0311RAB	DEAD	Rathowen Brown Earth Variant	311	RAB	200	Fine loamy drift with limestones	Kennycourt	Fine loamy	drift with limestones	drift	limestones	
0311KV	LIVE	Kinvarra	311	KV	135	Fine loamy over clayey drift with limestones	Kinvarra	Fine loamy over clayey	drift with limestones	drift	limestones	Clare
0311KVB	DEAD	Kinvarra Bouldery phase	311	KVB	135	Fine loamy over clayey drift with limestones	Kinvarra	Fine loamy over clayey	drift with limestones	drift	limestones	
0311DO	LIVE	Dovea	311	DO	249	Fine silty drift with limestones	Dovea	Fine silty	drift with limestones	drift	limestones	
0311AU	DEAD	Acaun	311	AU	93	Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311CM	LIVE	Clashmore	311	CM		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311DA	DEAD	Dungavan	311	DA		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311FN	DEAD	Finnea	311	FN		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311KF	DEAD	Kilfergus	311	KF	51	Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311KN	DEAD	Killinick	311	KN		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311KH	DEAD	Knocknaskeha	311	KH	136	Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311OR	DEAD	Old Ross	311	OR		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311BA	DEAD	Baldwinstown	311	BA		Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311BC	DEAD	Ballynacken	311	BC	49	Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311BN	DEAD	Baunreagh	311	BN		Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311CL	LIVE	Clonroche	311	CL		Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311DP	DEAD	Deerpark variant	311	DP		Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311BV	LIVE	Ballyvorheen	311	BV	46	Sandy drift with siliceous stones	Ballyvorheen	Sandy	drift with siliceous stones	drift	siliceous stones	
0311KB	DEAD	Kilbereny	311	KB	48	Sandy drift with siliceous stones	Ballyvorheen	Sandy	drift with siliceous stones	drift	siliceous stones	
0311AL	LIVE	Aille	311	AL		Coarse loamy over limestone bedrock	Aille	Coarse loamy	imestone bedrock	bedrock	limestone	±Kinvarra in W Mayo includes UN65
0311KVW	DEAD	Kinvarra	311	KVW		Coarse loamy over limestone bedrock	UNNamed_65	Coarse loamy	imestone bedrock	bedrock	limestone	West Mayo
0311SG	LIVE	Scraggen	311	SG		Coarse loamy over non-calcareous gravels	Scraggen	Coarse loamy	non-calcareous gravels	drift	non-calcareous gravels	No profile- Tipperary
0311UN03	LIVE	UNNamed_03	311	UN03		Fine loamy over non-calcareous gravels	UNNamed_03	Fine loamy	non-calcareous gravels	drift	non-calcareous gravels	
0311BG	LIVE	Ballyglass	311	BG		Coarse loamy over sandstone bedrock	Ballyglass	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0311BL	LIVE	Broomhill	311	BL		Fine loamy over sandstone bedrock	Broomhill	Fine loamy	sandstone bedrock	bedrock	sandstone	
0311WP	DEAD	Waterpark	311	WP	138	Coarse loamy over shale bedrock	Kells	Coarse loamy	shale bedrock	bedrock	shale	Clare
0311KE	LIVE	Kells	311	KE		Coarse loamy over shale or slate bedrock	Kells	Coarse loamy	shale or slate bedrock	bedrock	shale or slate	
0311BD	DEAD	Ballindaggan	311	BD	15	Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0311BY	LIVE	Ballylanders	311	BY	45	Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0311BNS	DEAD	Baunreagh steep phase	311	BNS		Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0311HT	DEAD	Hughstown	311	HT	123	Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0311RG	DEAD	Ridge	311	RG	99	Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	Laois
0311RGS	DEAD	Ridge Steep phase	311	RGS		Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	Laois
0311RGY	DEAD	Ridge Stony phase	311	RGY		Fine loamy over shale or slate bedrock	Ballylanders	Fine loamy	shale or slate bedrock	bedrock	shale or slate	Laois
0311RM	LIVE	Randallsmill	311	RM		Coarse loamy stoneless drift	Randallsmill	Coarse loamy	stoneless drift	drift	stoneless	
0311DY	LIVE	Dooyork	311	DY		Sandy stoneless drift	Dooyork	Sandy	stoneless drift	drift	stoneless	
0312BY	LIVE	Broadway	312	BY		Coarse loamy drift with siliceous stones	Broadway	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0312CT	DEAD	Castlebar	312	CT		Coarse loamy drift with siliceous stones	Broadway	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0312RA	DEAD	Rathmoyle	312	RA		Coarse loamy drift with siliceous stones	Broadway	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0312UN16	LIVE	UNNamed_16	312	UN16		Fine loamy drift with siliceous stones	UNNamed_16	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0313CR	DEAD	Croghan	313	CR		Fine loamy over lithoskeletal basic igneous bedrock	Wonderhill	Fine loamy	basic igneous bedrock	bedrock	basic igneous	
0313BB	LIVE	Bantry Bay	313	BB		Coarse loamy dense blue-grey drift with siliceous stones	Bantry Bay	Coarse loamy	dense blue-grey drift with siliceous stones	dense blue-grey	siliceous stones	Drumlin slopes West Cork
0313SH	LIVE	Schull	313	SH		Coarse loamy drift with siliceous stones	Schull	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0313SHY	DEAD	Schull Rocky Variant	313	SHY		Coarse loamy drift with siliceous stones	Schull	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0313AS	LIVE	Ashgrove	313	AS		Fine loamy drift with siliceous stones	Ashgrove	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0313CV	DEAD	Cloverfield	313	CV	47	Fine loamy drift with siliceous stones	Ashgrove	Fine loamy	drift with siliceous stones	drift	siliceous stones	Limerick
0313CG	LIVE	Carrigogunnel	313	CG	50	Coarse loamy over lithoskeletal basic igneous rock	Carrigogunnel	Coarse loamy	ithoskeletal basic igneous rock	lithoskeletal	basic igneous rock	
0313WO	LIVE	Wonderhill	313	WO	52	Fine loamy over lithoskeletal basic igneous rock	Wonderhill	Fine loamy	ithoskeletal basic igneous rock	lithoskeletal	basic igneous rock	
0313UN04	LIVE	UNNamed_04	313	UN04		Fine loamy over shale or slate bedrock	UNNamed_04	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0314UN52	LIVE	UNNamed_52	314	UN52		Coarse loamy drift with limestones	UNNamed_52	Coarse loamy	drift with limestones	drift	limestones	
0314LO	LIVE	Loughmuirran	314	LO		Clayey drift with siliceous stones (colluvium)	Loughmuirran	Clayey	drift with siliceous stones	drift	siliceous stones	
0314UN53	LIVE	UNNamed_53	314	UN53		Coarse loamy drift with siliceous stones	UNNamed_53	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0314AM	DEAD	Ambrosetown	314	AM		Fine loamy drift with siliceous stones	Moord	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0314MO	LIVE	Moord	314	MO		Fine loamy drift with siliceous stones	Moord	Fine loamy	drift with siliceous stones	drift	siliceous stones	includes UN17
0314TU	DEAD	Tullig	314	TU	137	Fine loamy drift with siliceous stones	Moord	Fine loamy	drift with siliceous stones	drift	siliceous stones	now Moord series
0314UN17	DEAD	UNNamed_17	314	UN17		Fine loamy drift with siliceous stones	Moord	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0314UN18	LIVE	UNNamed_18	314	UN18		Fine loamy over sandstone bedrock	UNNamed_18	Fine loamy	sandstone bedrock	bedrock	sandstone	
0314UN19	LIVE	UNNamed_19	314	UN19		Fine loamy over shale or slate bedrock	UNNamed_19	Fine loamy	shale or slate bedrock	bedrock	shale or slate	decide shale or slate...
0321BG	LIVE	Baggotstown	321	BG	42	Coarse loamy over calcareous gravels	Baggotstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0321BGD	DEAD	Baggotstown deep variant	321	BGD		Coarse loamy over calcareous gravels	Baggotstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0321BGH	DEAD	Baggotstown hummocky phase	321	BGH		Coarse loamy over calcareous gravels	Baggotstown	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0321UN05	LIVE	UNNamed_05	321	UN05		Fine loamy over calcareous gravels	UNNamed_05	Fine loamy	calcareous gravels	drift	calcareous gravels	
0321KF	LIVE	Kilfenora	321	KF	134	Clayey drift over limestone bedrock	Kilfenora	Clayey	drift over limestone bedrock	bedrock	limestone	
0321CH	LIVE	Cullahill	321									

		Live	National Series	Subgrc	Code	Num	Modern Definition	Modern Correlative	Texture	Substrate Type	Substrate 1	Substrate 2	Notes
0414UN57	LIVE		UNnamed_57	414	UN57		Fine silty drift with siliceous stones	UNnamed_57	Fine silty	drift with siliceous stones		siliceous stones	
0414BG	DEAD		Ballinabranagh	414	BG	88	Loamy drift with siliceous stones	Crosstown	.oamy	drift with siliceous stones	drift	siliceous stones	
0414UN27	LIVE		UNnamed_27	414	UN27		Fine loamy over shale or slate bedrock	UNnamed_27	Fine loamy	shale or slate bedrock	bedrock	shale or slate	decide shale or slate...
0511RO	LIVE		Ross Carbery	511	RO		Coarse loamy compact drift with siliceous stones	Ross Carbery	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	
0511ROB	DEAD		Ross Carbery Broken phase	511	ROB		Coarse loamy compact drift with siliceous stones	Ross Carbery	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	
0511ROP	DEAD		Ross Carbery Plaggen	511	ROP		Coarse loamy compact drift with siliceous stones	Ross Carbery	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	
0511KG	DEAD		Kilnageer	511	KG		Sandy drift with igneous and metamorphic stones	Kiltealy	Sandy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0511KY	LIVE		Kiltealy	511	KY	22	Sandy drift with igneous and metamorphic stones	Kiltealy	Sandy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0511S02	DEAD		Soil 2	511	S02		Sandy drift with igneous and metamorphic stones	Kiltealy	Sandy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0511S02a	DEAD		Soil 2a	511	S02a		Sandy drift with igneous and metamorphic stones	Kiltealy	Sandy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0511AY	DEAD		Accony	511	AY		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511CH	DEAD		Callaghane	511	CH		Coarse loamy drift with siliceous stones; locally over gravel	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511CO	LIVE		Cooga	511	CO		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511DM	DEAD		Drimoleague	511	DM		Coarse loamy drift with siliceous stones; locally over gravel	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511FN	DEAD		Finnea	511	FN		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511MD	DEAD		Madore	511	MD		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511SH	DEAD		Srah	511	SH		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511WH	DEAD		Wardhouse	511	WH		Coarse loamy drift with siliceous stones; locally over gravel	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511UN29	LIVE		UNnamed_29	511	UN29		Fine loamy drift with siliceous stones	UNnamed_29	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0511UN06	LIVE		UNnamed_06	511	UN06		Coarse loamy over non-calcareous gravels	UNnamed_06	Coarse loamy	non-calcareous gravels	drift	non-calcareous gravels	
0511CN	LIVE		Clonin	511	CN	54	Coarse loamy over sandstone bedrock	Clonin	Coarse loamy	sandstone bedrock	bedrock	sandstone	Complex, UN07, Laois p.232-3
0511DR	DEAD		Drummin	511	DR		Coarse loamy over sandstone bedrock	UNnamed_07	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0511DRB	DEAD		Drummin Bouldery phase	511	DRB		Coarse loamy over sandstone bedrock	UNnamed_07	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0511RKS	DEAD		Rathkenny Sandy variant	511	RKS		Coarse loamy over sandstone bedrock	Clonin	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0511UN07	DEAD		UNNamed_07	511	UN07		Coarse loamy over sandstone bedrock	Clonin	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0511UN31	LIVE		UNnamed_31	511	UN31		Fine loamy over sandstone bedrock	UNnamed_31	Fine loamy	sandstone bedrock	bedrock	sandstone	
0511CU	LIVE		Cupidstownhill	511	CU	124	Fine loamy over shale or slate bedrock	Cupidstownhill	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0511KSB	DEAD		Knockastanna	511	KSB		Fine loamy over shale or slate bedrock	Cupidstownhill	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0511UN30	DEAD		UNnamed_30	511	UN30		Fine loamy over shale or slate bedrock	Cupidstownhill	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0511CA	LIVE		Carne	511	CA		Coarse loamy stoneless drift	Carne	Coarse loamy	stoneless drift	drift	stoneless	
0511NT	DEAD		Nethertown	511	NT		Coarse loamy stoneless drift	Carne	Coarse loamy	stoneless drift	drift	stoneless	
0511SN	LIVE		Screen	511	SN		Sandy stoneless drift	Screen	Sandy	stoneless drift	drift	stoneless	
0512CG	LIVE		Clonegall	512	CG	97	Coarse loamy drift with siliceous stones	Clonegall	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0512TO	LIVE		Tomard	512	TO	101	Fine loamy over shale or slate bedrock	Tomard	Fine loamy	shale or slate bedrock	bedrock	shale or slate	
0513CM	LIVE		Crossmolina	513	CM		Coarse loamy drift with limestones	Crossmolina	Coarse loamy	drift with limestones	drift	limestones	
0513DL	DEAD		Doonglara	513	DL	56	Coarse loamy drift with siliceous stones	Knockboy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0513KA	DEAD		Killnageer	513	KA		Coarse loamy drift with siliceous stones	Knockboy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	West Mayo
0513KB	LIVE		Knockboy	513	KB		Coarse loamy drift with siliceous stones	Knockboy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0513RE	DEAD		Reanascreena	513	RE		Coarse loamy drift with siliceous stones	Knockboy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0513BR	DEAD		Ballybrood	513	BR	53	Fine loamy drift with siliceous stones	Rathkenny	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0513RK	LIVE		Rathkenny	513	RK		Fine loamy drift with siliceous stones	Rathkenny	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0513RKM	DEAD		Rathkenny Moderately Steep Phase	513	RKM		Fine loamy drift with siliceous stones	Rathkenny	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0513BE	LIVE		Borrisleigh	513	BE	261	Fine loamy over mudstone, shale or slate bedrock	Borrisleigh	Fine loamy	mudstone, shale or slate bedrock	bedrock	shale or slate	
0513BES	DEAD		Borrisleigh steep phase	513	BES	261	Fine loamy over mudstone, shale or slate bedrock	Borrisleigh	Fine loamy	mudstone, shale or slate bedrock	bedrock	shale or slate	
0513MS	DEAD		Mountcollins	513	MS	55	Fine loamy over mudstone, shale or slate bedrock	Borrisleigh	Fine loamy	mudstone, shale or slate bedrock	bedrock	mudstone, shale or slate	
0513RG	DEAD		Ridge	513	RG		Fine loamy over mudstone, shale or slate bedrock	Borrisleigh	Fine loamy	mudstone, shale or slate bedrock	bedrock	shale or slate	Carlow
0513SC	DEAD		Slievecoilta	513	SC		Fine loamy over mudstone, shale or slate bedrock	Borrisleigh	Fine loamy	mudstone, shale or slate bedrock	bedrock	shale or slate	
0513KC	LIVE		Knockaceol	513	KC	77	Coarse loamy over sandstone bedrock	Knockaceol	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0513KCB	DEAD		Knockaceol bouldery phase	513	KCB	77	Coarse loamy over sandstone bedrock	Knockaceol	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0513KCP	DEAD		Knockaceol peaty phase	513	KCP	77	Coarse loamy over sandstone bedrock	Knockaceol	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0513UN32	LIVE		UNnamed_32	513	UN32		Fine loamy over sandstone bedrock	UNnamed_32	Fine loamy	sandstone bedrock	bedrock	sandstone	
0514CR	LIVE		Corriga	514	CR		Fine loamy drift with siliceous stones	Corriga	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0514CRB	DEAD		Corriga bouldery phase	514	CRB		Fine loamy drift with siliceous stones	Corriga	Fine loamy	drift with siliceous stones	drift	siliceous stones	large boulders locally (not mapped)
0514UN33	LIVE		UNnamed_33	514	UN33		Coarse loamy over sandstone bedrock	UNnamed_33	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0611BS	LIVE		Ballyscanlon	611	BS		Loamy over acid igneous bedrock	Ballyscanlon	.oamy	acid igneous bedrock	bedrock	acid igneous	
0611BY	DEAD		Ballinglilly	611	BY	109	Loamy drift with igneous and metamorphic stones	Stonepark	.oamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611MB	DEAD		Massbrook	611	MB		Loamy drift with igneous and metamorphic stones	Stonepark	.oamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611MBB	DEAD		Massbrook bouldery phase	611	MBB		Loamy drift with igneous and metamorphic stones	Stonepark	.oamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611MBP	DEAD		Massbrook peaty phase	611	MBP		Loamy drift with igneous and metamorphic stones	Stonepark	.oamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611SP	LIVE		Stonepark	611	SP		Loamy drift with igneous and metamorphic stones	Stonepark	.oamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611BN	LIVE		Ballycondon	611	BN		Loamy drift with siliceous stones	Ballycondon	.oamy	drift with siliceous stones	drift	siliceous stones	
0611BR	LIVE		Black Rock Mountain	611	BR		Loamy over gneiss or schist bedrock	Black Rock Mountain	.oamy	gneiss or schist bedrock	bedrock	gneiss or schist	Wexford
0611S03	DEAD		Soil 3	611	S03		Loamy over gneiss or schist bedrock	Black Rock Mountain	.oamy	gneiss or schist bedrock	bedrock	gneiss or schist	
0611S03a	DEAD		Soil 3a	611	S03a		Loamy over gneiss or schist bedrock	Black Rock Mountain	.oamy	gneiss or schist bedrock	bedrock	gneiss or schist	
0611S08	DEAD		Soil 8	611	S08		Loamy over gneiss or schist bedrock	Black Rock Mountain	.oamy	gneiss or schist bedrock	bedrock	gneiss or schist	
0611DS	LIVE		Drumslig	611	DS		Loamy over sandstone bedrock	Drumslig	.oamy	sandstone bedrock	bedrock	sandstone	
0611SG	LIVE		Slievebe>										

Id		Live	National Series	Subgr	Code	Num	Modern Definition	Modern Correlative	Texture	Substrate Type	Substrate 1	Substrate 2	Notes
0721GH	DEAD		Garryhinch Series 2	721	GH		Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0721KO	LIVE		Knockroe	721	KO		Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0721SN	DEAD		Sellernaun	721	SN	143	Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0721SBN	DEAD		Sieve Bloom non Peaty Phase	721	SBN		Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0721TN	DEAD		Trean	721	TN		Coarse loamy drift with siliceous stones	Kilpierce	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0721BN	DEAD		Ballinrua	721	BN		Fine loamy drift with siliceous stones	Kilpierce	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0721KP	LIVE		Kilpierce	721	KP		Fine loamy drift with siliceous stones	Kilpierce	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0721UN10	LIVE		UNnamed_10	721	UN10		Loamy over lithoskeletal shale or slate	UNnamed_10	Loamy	lithoskeletal shale or slate	lithoskeletal	shale or slate	
0721BC	DEAD		Ballyknock	721	BC		Coarse loamy over sandstone bedrock	Kilpierce	Coarse loamy	sandstone bedrock	bedrock	sandstone	
0721UN43	LIVE		UNnamed_43	721	UN43		Fine loamy stoneless drift	UNnamed_43	Fine loamy	stoneless drift	drift	stoneless	
0721BM	LIVE		Belmullet	721	BM		Sandy stoneless drift	Belmullet	Sandy	stoneless drift	drift	stoneless	
0722BU	DEAD		Ballinrua	722	BU	103	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722BW	LIVE		Ballywilliam	722	BW	23	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722BO	DEAD		Belmount	722	BO	104	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722KM	DEAD		Knockmullgurry	722	KM	109	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S04	DEAD		Soil 4	722	S04		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S04a	DEAD		Soil 4a	722	S04a		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S04b	DEAD		Soil 4b	722	S04b		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S05	DEAD		Soil 5	722	S05		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S05a	DEAD		Soil 5a	722	S05a		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S05b	DEAD		Soil 5b	722	S05b		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S09	DEAD		Soil 9	722	S09		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722TS	DEAD		Templeshanbo	722	TS		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722TB	DEAD		Toberberide	722	TB	115	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722NT	LIVE		Newtown	722	NT	111	Coarse loamy drift with limestones	Newtown	Coarse loamy	drift with limestones	drift	limestones	
0722BM	DEAD		Ballymacart	722	BM		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722CW	DEAD		Ciowater	722	CW	108	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722DG	DEAD		Derrygarren	722	DG	250	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722GH	DEAD		Glasssheenahelian	722	GH		Coarse loamy drift with siliceous stones (compact sandy till)	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722LT	DEAD		Letter	722	LT		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722OL	DEAD		Oulartleigh	722	OL		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722PU	LIVE		Puckane	722	PU	74	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722PUA	DEAD		Puckane Alkaline Parent Material	722	PUA	74	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722PUP	DEAD		Puckane Peaty Phase	722	PUP	74	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722PUS	DEAD		Puckane Slightly Peaty Phase	722	PUS	74	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722RL	DEAD		Raheenleigh	722	RL	113	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722TV	DEAD		Tallavbaun	722	TV		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722TVB	DEAD		Tallavbaun Bouldery Phase	722	TVB		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722TVP	DEAD		Tallavbaun Peaty Phase	722	TVP		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722TK	LIVE		Tourmakeady	722	TK		Fine loamy drift with siliceous stones	Tourmakeady	Fine loamy	drift with siliceous stones	drift	siliceous stones	includes UN44
0722UN44	DEAD		UNnamed_44	722	UN44		Fine loamy drift with siliceous stones	Tourmakeady	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0722UN61	LIVE		UNnamed_61	722	UN61		Fine silty drift with siliceous stones	UNnamed_61	Fine silty	drift with siliceous stones	drift	siliceous stones	
0722BH	DEAD		Bawnrush	722	BH		Loamy drift with siliceous stones	Sieve Bloom	Loamy	drift with siliceous stones	drift	siliceous stones	
0722BK	LIVE		Ballyknockan	722	BK		Sandy stoneless drift	Ballyknockan	Sandy	stoneless drift	drift	stoneless	
0722SB	LIVE		Sieve Bloom	722	SB		Coarse loamy upland drift with siliceous stones	Sieve Bloom	Coarse loamy	upland drift with siliceous stones	upland drift	siliceous stones	Ly DR_SIL uplands
0722SBS	DEAD		Sieve Bloom steep Phase	722	SBS		Coarse loamy upland drift with siliceous stones	Sieve Bloom	Coarse loamy	upland drift with siliceous stones	upland drift	siliceous stones	
0722SBU	DEAD		Sieve Bloom undulating Phase	722	SBU		Coarse loamy upland drift with siliceous stones	Sieve Bloom	Coarse loamy	upland drift with siliceous stones	upland drift	siliceous stones	
0723ATP	DEAD		Athy Poorly Drained	723	ATP		Coarse loamy over calcareous gravels	Clonaslee	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0723CS	LIVE		Clonaslee	723	CS		Coarse loamy over calcareous gravels	Clonaslee	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0723UN46	LIVE		UNnamed_46	723	UN46		Fine loamy over calcareous gravels	UNnamed_46	Fine loamy	calcareous gravels	drift	calcareous gravels	
0723UN45	LIVE		UNnamed_45	723	UN45		Coarse loamy drift with limestones	UNnamed_45	Coarse loamy	drift with limestones	drift	limestones	
0723AX	DEAD		Allenwood Complex	723	AX	131	Fine loamy drift with limestones	Myerstown	Fine loamy	drift with limestones	drift	limestones	Myerstown lead soil
0723CK	DEAD		Clonisk	723	CK		Fine loamy drift with limestones	Myerstown	Fine loamy	drift with limestones	drift	limestones	
0723DW	DEAD		Dunnstown	723	DW	126	Fine loamy drift with limestones	Myerstown	Fine loamy	drift with limestones	drift	limestones	
0723GH	DEAD		Garryhinch Series 1	723	GH		Fine loamy drift with limestones	Myerstown	Fine loamy	drift with limestones	drift	limestones	
0723KL	DEAD		Kilpatrick	723	KL	128	Fine loamy drift with limestones	Myerstown	Fine loamy	drift with limestones	drift	limestones	
0723MT	LIVE		Myerstown	723	MT	129	Fine loamy drift with limestones	Myerstown	Fine loamy	drift with limestones	drift	limestones	
0723MTI	DEAD		Myerstown imperfectly drained peat	723	MTI	129	Fine loamy drift with limestones	Myerstown	Fine loamy	drift with limestones	drift	limestones	
0723PT	DEAD		Painestown	723	PT		Fine loamy drift with limestones	Myerstown	Fine loamy	drift with limestones	drift	limestones	
0724BT	LIVE		Ballintemple	724	BT		Coarse loamy drift with limestones	Ballintemple	Coarse loamy	drift with limestones	drift	limestones	
0724GH	DEAD		Garryhinch Series 3	724	GH		Coarse loamy drift with limestones	Ballintemple	Coarse loamy	drift with limestones	drift	limestones	
0724AQ	DEAD		Atyquin	724	AQ		Fine loamy drift with limestones	Ballyshear	Fine loamy	drift with limestones	drift	limestones	
0724BS	LIVE		Ballyshear	724	BS	201	Fine loamy drift with limestones	Ballyshear	Fine loamy	drift with limestones	drift	limestones	
0731UN47	LIVE		UNnamed_47	731	UN47		Fine loamy drift with siliceous stones	UNnamed_47	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0731GE	LIVE		Greenane	731	GE	108	Loamy drift with siliceous stones	Greenane	Loamy	drift with siliceous stones	drift	siliceous stones	
0811FI	LIVE		Finisk	811	FI		Fine silty over non-calcareous gravels	Finisk	Fine silty	non-calcareous gravels	drift	non-calcareous gravels	
0811CN	LIVE		Clohamon	811	CN	39	Coarse loamy river alluvium	Clohamon	Coarse loamy	river alluvium	alluvium	river	
0811LF	DEAD		Liffey	811	LF	125	Coarse loamy river alluvium	Clohamon	Coarse loamy	river alluvium	alluvium	river	
0811MK	DEAD		Mulkear	811	MK	83	Coarse loamy river alluvium	Clohamon	Coarse loamy	river alluvium	alluvium	river	
0811RS	DEAD		Rooskagh	811	RS		Coarse loamy river alluvium	Clohamon	Coarse loamy	river alluvium	alluvium	river	
0811UN11	LIVE		UNnamed_11	811	UN11		Coarse loamy river alluvium	Clohamon	Coarse loamy	river alluvium	alluvium	river	
0811SU	LIVE		Suir	811	SU		Fine silty river alluvium	Suir	Fine silty	river alluvium	alluvium	river	
0811IL	LIVE		Ilen	811	IL		Loamy river alluvium over gravels	Ilen	Loamy	river alluvium	alluvium	river	
0811MH	DEAD		Manch	811	MH		Loamy river alluvium over gravels	Ilen	Loamy	river alluvium	alluvium	river	
0811ML	DEAD		Mealagh	811	ML		Loamy river alluvium over gravels	Ilen	Loamy	river alluvium	alluvium	river	
0811AH	LIVE		Aherlow	811	AH	81	Sandy river alluvium	Aherlow	Sandy	river alluvium	alluvium	river	Kilgory ??, need pit
0811UN12	LIVE		UNnamed_12	811	UN12		Silty river alluvium	UNnamed_12	Silty	river alluvium	alluvium	river	
0812UN62	LIVE		UNnamed_62	812	UN62		Carbonatic-loamy lake alluvium	UNnamed_62	Carbonatic-loamy	lake alluvium	alluvium	lake	
0812RY	LIVE		Rearymore	812	RY		Fine loamy river alluvium	Rearymore	Fine loamy	river alluvium	alluvium	river	
0812UN13	LIVE		UNnamed_13	812	UN13		Silty river alluvium	UNnamed_13	Silty	river alluvium	alluvium	river	
0813MP	LIVE		Milltownpass	813	MP	207	Sandy stoneless drift	Milltownpass	Sandy	stoneless drift	drift	stoneless	
0820FN	LIVE		Finnery - River Burren	820	FN	132	Variable river alluvium	Finnery - River Burren	Variable	river alluvium	alluvium	river	
0821KK	LIVE		Kilmannock	821	KK	35	Silty estuarine alluvium	Kilmannock	Silty	estuarine alluvium	alluvium	estuarine	
0821SB	DEAD		Slob	821	SB		Silty estuarine alluvium	Kilmannock	Silty	estuarine alluvium	alluvium	estuarine	Waterford
0821UN48	LIVE		UNnamed_48	821	UN48		Fine loamy lake alluvium	UNnamed_48	Fine loamy	lake alluvium	alluvium	lake	
0821UN63	LIVE		UNnamed_63	821	UN63		Fine silty lake alluvium	UNnamed_63	Fine silty	lake alluvium	alluvium	lake	
0821VI	LIVE		Vicarstown	821	VI		Clayey river alluvium	Vicarstown	Clayey	river alluvium	alluvium	river	
0821GL	DEAD		Glenomra	821	GL	142	Coarse loamy river alluvium	Lyre	Coarse loamy	river alluvium	alluvium	river	
0821LY	LIVE		Lyre	821	LY	72	Coarse loamy river alluvium	Lyre	Coarse loamy	river alluvium	alluvium	river	
0821S28	DEAD		Soil 28	821	S28		Coarse loamy river alluvium	Lyre	Coarse loamy	river alluvium	alluvium	river	
0821FA	LIVE		Feale	821	FA	82	Fine loamy river alluvium	Feale	Fine loamy	river alluvium	alluvium	river	
0821FAD	DEAD		Feale Dry variant	821	FAD	82	Fine loamy river alluvium	Feale	Fine loamy	river alluvium	alluvium	river	
0821KG	LIVE		Kilgory	821	KG	144	Sandy river alluvium	Kilgory	Sandy	river alluvium	alluvium	river	
0821BO	LIVE		Boyne	821	BO		Silty river alluvium	Boyne	Silty	river alluvium	alluvium	river	
0821BOO	DEAD		Boyne Alluvium - Organic compo	821	BOO		Silty river alluvium	Boyne	Silty	river alluvium	alluvium	river	
0821BOP	DEAD		Boyne Alluvium - Poorly drained c	821	BOP		Silty river alluvium	Boyne	Silty	river alluvium	alluvium	river	
0821BOT	DEAD		Boyne Alluvium - Terrace compo	821	BOT		Silty river alluvium	Boyne	Silty	river alluvium	alluvium	river	
0821BOW	DEAD		Boyne Alluvium - well-drained co	821	BOW		Silty river alluvium	Boyne	Silty	river alluvium	alluvium	river	
0821RB	DEAD		River Burren	821	RB	115	River alluvium (variable texture)	Finnery - River Burren	Variable	river alluvium	alluvium	river	
0822UN50	LIVE		UNnamed_50	822	UN50		Coarse loamy over calcareous gravels	UNnamed_50	Coarse loamy	calcareous gravels	drift	calcareous gravels	
0822SH	LIVE		Shannon	822	SH	76	Fine silty estuarine alluvium	Shannon	Fine silty	estuarine alluvium	alluvium	estuarine	
0822CL	LIVE		Coolalough	822	CL	65	Clayey lake marl alluvium	Coolalough	Clayey	lake marl alluvium	alluvium	lake marl	
0822MQ	LIVE		Millquarter	822	MQ	38	Fine silty lake marl alluvium	Millquarter	Fine silty	lake marl alluvium	alluvium	lake marl	
0822GR	LIVE		Griston	822	GR	69	Sandy lake marl alluvium	Griston	Sandy	lake marl alluvium	alluvium	lake marl	
0822WS	LIVE		Wexford slob	822	WS		Silty marine alluvium	Wexford slob	Silty	marine alluvium	alluvium	marine	
0822WSV	DEAD		Wexford slob variant	822	WSV		Silty marine alluvium	Wexford slob	Silty	marine alluvium	alluvium	marine	
0822CA	LIVE		Camoge	822	CA	63	Clayey river alluvium	Camoge					

Id	Live	National Series	Subgr	Code	Num	Modern Definition	Modern Correlative	Texture	Substrate Type	Substrate 1	Substrate 2	Notes
0212CY	LIVE	Carney	212	CY	148	Carbonatic-clayey lake marl alluvium	Carney	Carbonatic-clayey	lake marl alluvium	alluvium	lake marl	
0823DU	LIVE	Dunsany	823	DU		Carbonatic-clayey lake marl alluvium	Dunsany	Carbonatic-clayey	lake marl alluvium	alluvium	lake marl	
0812UN62	LIVE	UNNamed_62	812	UN62		Carbonatic-loamy lake alluvium	UNNamed_62	Carbonatic-loamy	lake alluvium	alluvium	lake	
0824DR	LIVE	Drombanny	824	DR	67	Carbonatic-loamy lake marl alluvium	Drombanny	Carbonatic-loamy	lake marl alluvium	alluvium	lake marl	
0824FNK	DEAD	Finnery	824	FNK		Carbonatic-loamy lake marl alluvium	Drombanny	Carbonatic-loamy	lake marl alluvium	alluvium	lake marl	Kildare
0321KF	LIVE	Kilfenora	321	KF	134	Clayey drift over limestone bedrock	Kilfenora	Clayey	drift over limestone bedrock	bedrock	limestone	
0712HN	LIVE	Howardstown	712	HN	70	Clayey drift with limestones	Howardstown	Clayey	drift with limestones	drift	limestones	
0712SW	DEAD	Sawyerswood	712	SW	130	Clayey drift with limestones	Howardstown	Clayey	drift with limestones	drift	limestones	
0711DK	LIVE	Drumkeeran	711	DK		Clayey drift with siliceous stones	Drumkeeran	Clayey	drift with siliceous stones	drift	siliceous stones	
0712CG	LIVE	Cluggin	712	CG	64	Clayey drift with siliceous stones	Cluggin	Clayey	drift with siliceous stones	drift	siliceous stones	
0711DKP	DEAD	Drumkeeran Peaty phase	711	DKP		Clayey drift with siliceous stones	Drumkeeran	Clayey	drift with siliceous stones	drift	siliceous stones	
0314LO	LIVE	Loughmuirran	314	LO		Clayey drift with siliceous stones (colluvium)	Loughmuirran	Clayey	drift with siliceous stones	drift	siliceous stones	
0822CL	LIVE	Coolalough	822	CL	65	Clayey lake marl alluvium	Coolalough	Clayey	lake marl alluvium	alluvium	lake marl	
0823KSV	LIVE	Kilmore slob variant	823	KSV		Clayey marine alluvium	Kilmore Slob variant	Clayey	marine alluvium	alluvium	marine	
0711UN08	LIVE	UNNamed_08	711	UN08		Clayey over shale or slate bedrock	UNNamed_08	Clayey	shale or slate bedrock	bedrock	shale or slate bedrock	
0821VI	LIVE	Vicarstown	821	VI		Clayey river alluvium	Vicarstown	Clayey	river alluvium	alluvium	river	
0822CA	LIVE	Camoge	822	CA	63	Clayey river alluvium	Camoge	Clayey	river alluvium	alluvium	river	
0822RB	DEAD	Rathborney	822	RB	145	Clayey river alluvium	Camoge	Clayey	river alluvium	alluvium	river	Clare
0711UN39	LIVE	UNNamed_39	711	UN39		Clayey Stoneless drift	UNNamed_39	Clayey	stoneless drift	drift	stoneless	
0511RO	LIVE	Ross Carbery	511	RO		Coarse loamy compact drift with siliceous stones	Ross Carbery	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	
0112ROR	DEAD	Ross Carbery Rocky phase	112	ROR		Coarse loamy compact drift with siliceous stones	Bantry	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	West Cork
0511ROB	DEAD	Ross Carbery Broken phase	511	ROB		Coarse loamy compact drift with siliceous stones	Ross Carbery	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	
0511ROP	DEAD	Ross Carbery Plaggen	511	ROP		Coarse loamy compact drift with siliceous stones	Ross Carbery	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	
1011ROV	DEAD	Ross Carbery variant	1011	ROV		Coarse loamy compact drift with siliceous stones	Schull Plaggen	Coarse loamy	compact drift with siliceous stones	compact drift	siliceous stones	West Cork
0313BB	LIVE	Bantry Bay	313	BB		Coarse loamy dense blue-grey drift with siliceous stones	Bantry Bay	Coarse loamy	dense blue-grey drift with siliceous stones	dense blue-grey	siliceous stones	Drumlin slopes West Cork
0311KL	DEAD	Keeloge	311	KL	96	Coarse loamy drift over hard shale	Kells	Coarse loamy	drift over hard shale	drift	shale	
0311BO	LIVE	Borris	311	BO	95	Coarse loamy drift with igneous and metamorphic stones	Borris	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0711TR	LIVE	Tramore	711	TR		Coarse loamy drift with igneous and metamorphic stones	Tramore	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722BW	LIVE	Ballywilliam	722	BW	23	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0311S01	DEAD	Soil 1	311	S01	95	Coarse loamy drift with igneous and metamorphic stones	Borris	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	West Donegal
0311S01a	DEAD	Soil 1a	311	S01a	95	Coarse loamy drift with igneous and metamorphic stones	Borris	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	West Donegal
0722BO	DEAD	Belmount	722	BO	104	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722BU	DEAD	Ballinrush	722	BU	103	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722KM	DEAD	Knockmullgurry	722	KM	109	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S04	DEAD	Soil 4	722	S04		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S04a	DEAD	Soil 4a	722	S04a		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S04b	DEAD	Soil 4b	722	S04b		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S05	DEAD	Soil 5	722	S05		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S05a	DEAD	Soil 5a	722	S05a		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S05b	DEAD	Soil 5b	722	S05b		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722S09	DEAD	Soil 9	722	S09		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722TB	DEAD	Toberbride	722	TB	115	Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0722TS	DEAD	Templeshanbo	722	TS		Coarse loamy drift with igneous and metamorphic stones	Ballywilliam	Coarse loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0311UN65	LIVE	UNNamed_65	311	UN65		Coarse loamy drift with limestones	UNNamed_65	Coarse loamy	drift with limestones	drift	limestones	includes Kinvarra in West Mayo
0314UN52	LIVE	UNNamed_52	314	UN52		Coarse loamy drift with limestones	UNNamed_52	Coarse loamy	drift with limestones	drift	limestones	
0411KL	LIVE	Kellistown	411	KL	89	Coarse loamy drift with limestones	Kellistown	Coarse loamy	drift with limestones	drift	limestones	
0513CM	LIVE	Crossmolina	513	CM		Coarse loamy drift with limestones	Crossmolina	Coarse loamy	drift with limestones	drift	limestones	
0722NT	LIVE	Newtown	722	NT	111	Coarse loamy drift with limestones	Newtown	Coarse loamy	drift with limestones	drift	limestones	
0723UN45	LIVE	UNNamed_45	723	UN45		Coarse loamy drift with limestones	UNNamed_45	Coarse loamy	drift with limestones	drift	limestones	
0724BT	LIVE	Ballintemple	724	BT		Coarse loamy drift with limestones	Ballintemple	Coarse loamy	drift with limestones	drift	limestones	
0724GH	DEAD	Garryhinch Series 3	724	GH		Coarse loamy drift with limestones	Ballintemple	Coarse loamy	drift with limestones	drift	limestones	
0311CM	LIVE	Clashmore	311	CM		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0312BY	LIVE	Broadway	312	BY		Coarse loamy drift with siliceous stones	Broadway	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0313SH	LIVE	Schull	313	SH		Coarse loamy drift with siliceous stones	Schull	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0314UN53	LIVE	UNNamed_53	314	UN53		Coarse loamy drift with siliceous stones	UNNamed_53	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0411DG	LIVE	Dungarvan	411	DG		Coarse loamy drift with siliceous stones	Dungarvan	Coarse loamy	drift with siliceous stones	drift	siliceous stones	Incl UNNamed_64
0412JH	LIVE	Johnstown	412	JH		Coarse loamy drift with siliceous stones	Johnstown	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0414CO	LIVE	Crosstown	414	CO		Coarse loamy drift with siliceous stones	Crosstown	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511CO	LIVE	Cooga	511	CO		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0512CG	LIVE	Clonegall	512	CG	97	Coarse loamy drift with siliceous stones	Clonegall	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0513KB	LIVE	Knockboy	513	KB		Coarse loamy drift with siliceous stones	Knockboy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0711NW	LIVE	Newport	711	NW		Coarse loamy drift with siliceous stones	Newport	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0712DY	LIVE	Driminidy	712	DY		Coarse loamy drift with siliceous stones	Driminidy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0721KO	LIVE	Knockroe	721	KO		Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722PU	LIVE	Puckane	722	PU	74	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
1011SHP	LIVE	Schull Plaggen	1011	SHP		Coarse loamy drift with siliceous stones	Schull Plaggen	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
1011AR	LIVE	Ardmore	1011	AR		Coarse loamy drift with siliceous stones	Ardmore	loamy	drift with siliceous stones	drift	siliceous stones	
0311AU	DEAD	Acaun	311	AU	93	Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311DA	DEAD	Dungavan	311	DA		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311FN	DEAD	Finnea	311	FN		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311KF	DEAD	Kilfergus	311	KF	51	Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311KH	DEAD	Knocknaskeha	311	KH	136	Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311KN	DEAD	Killinick	311	KN		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0311OR	DEAD	Old Ross	311	OR		Coarse loamy drift with siliceous stones	Clashmore	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0312CT	DEAD	Castlebar	312	CT		Coarse loamy drift with siliceous stones	Broadway	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0312RA	DEAD	Rathmoyle	312	RA		Coarse loamy drift with siliceous stones	Broadway	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0313SHY	DEAD	Schull Rocky Variant	313	SHY		Coarse loamy drift with siliceous stones	Schull	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0411RV	DEAD	Rathvinden	411	RV	92	Coarse loamy drift with siliceous stones	Dungarvan	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0411UN64	DEAD	UNNamed_64	411	UN64		Coarse loamy drift with siliceous stones	Dungarvan	Coarse loamy	drift with siliceous stones	drift	siliceous stones	Now Dungarvan
0414BD	DEAD	Ballydoole	414	BD		Coarse loamy drift with siliceous stones	Crosstown	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0414FH	DEAD	Fahy	414	FH		Coarse loamy drift with siliceous stones	Crosstown	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511AY	DEAD	Accony	511	AY		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511FN	DEAD	Finnea	511	FN		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511MD	DEAD	Madore	511	MD		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0511SH	DEAD	Srah	511	SH		Coarse loamy drift with siliceous stones	Cooga	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0513DL	DEAD	Doonglara	513	DL	56	Coarse loamy drift with siliceous stones	Knockboy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0513KA	DEAD	Killnageer	513	KA		Coarse loamy drift with siliceous stones	Knockboy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	West Mayo
0513RE	DEAD	Reanascreena	513	RE		Coarse loamy drift with siliceous stones	Knockboy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0712DD	DEAD	Dodard	712	DD		Coarse loamy drift with siliceous stones	Slieve Bloom	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0712GL	DEAD	Glan	712	GL		Coarse loamy drift with siliceous stones	Driminidy	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0721GH	DEAD	Garryhinch Series 2	721	GH		Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0721SBN	DEAD	Sieve Bloom non Peaty Phase	721	SBN		Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0721SN	DEAD	Sellernaun	721	SN	143	Coarse loamy drift with siliceous stones	Knockroe	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0721TN	DEAD	Trean	721	TN		Coarse loamy drift with siliceous stones	Kil Pierce	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722BM	DEAD	Ballymacart	722	BM		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722CW	DEAD	Clowater	722	CW	108	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722DG	DEAD	Derrygarren	722	DG	250	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722LT	DEAD	Letter	722	LT		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722OL	DEAD	Oulartleigh	722	OL		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722PUA	DEAD	Puckane Alkaline Parent Material	722	PUA	74	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722PUP	DEAD	Puckane Peaty Phase	722	PUP	74	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722PUS	DEAD	Puckane Slightly Peaty Phase	722	PUS	74	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722RL	DEAD	Raheenleigh	722	RL	113	Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722TV	DEAD	Tallavbaun	722	TV		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722TVB	DEAD	Tallavbaun Bouldery Phase	722	TVB		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
0722TVP	DEAD	Tallavbaun Peaty Phase	722	TVP		Coarse loamy drift with siliceous stones	Puckane	Coarse loamy	drift with siliceous stones	drift	siliceous stones	
1011SHV	DEAD	Schull variant	1011	SHV		Coarse loamy drift with siliceous stones	Schull Plaggen	Coarse loamy	drift with siliceous stones	drift	siliceous stones	West Cork
0722GH	DEAD	Glasheenahielan	722									

Id	Live	National Series	Subgr	Code	Num	Modern Definition	Modern Correlative	Texture	Substrate Type	Substrate 1	Substrate 2	Notes
0311DK	DEAD	Derk	311	DK		Fine loamy drift with igneous and metamorphic stones	Kill	Fine loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0311DKL	DEAD	Derk Lithosol Variant	311	DKL		Fine loamy drift with igneous and metamorphic stones	Kill	Fine loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0311DKS	DEAD	Derk Shaley Phase	311	DKS		Fine loamy drift with igneous and metamorphic stones	Kill	Fine loamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0213KC	LIVE	Kilcolgan	213	KC	141	Fine loamy drift with limestones	Kilcolgan	Fine loamy	drift with limestones	drift	limestones	
0311KC	LIVE	Kennycourt	311	KC	122	Fine loamy drift with limestones	Kennycourt	Fine loamy	drift with limestones	drift	limestones	
0321CH	LIVE	Cullahill	321	CH		Fine loamy drift with limestones	Cullahill	Fine loamy	drift with limestones	drift	limestones	Laois
0321UN20	LIVE	UNnamed_20	321	UN20		Fine loamy drift with limestones	Cullahill	Fine loamy	drift with limestones	drift	limestones	
0323UN54	LIVE	UNnamed_54	323	UN54		Fine loamy drift with limestones	UNnamed_54	Fine loamy	drift with limestones	drift	limestones	
0411ET	LIVE	Elton	411	ET	59	Fine loamy drift with limestones	Elton	Fine loamy	drift with limestones	drift	limestones	
0412DA	LIVE	Daars	412	DA		Fine loamy drift with limestones	Daars	Fine loamy	drift with limestones	drift	limestones	Kildare- UN25 --> Daars
0414RA	LIVE	Rathowen	414	RA	200	Fine loamy drift with limestones	Rathowen	Fine loamy	drift with limestones	drift	limestones	
0711ST	LIVE	Straffan	711	ST	133	Fine loamy drift with limestones	Straffan	Fine loamy	drift with limestones	drift	limestones	
0712BN	LIVE	Ballinamore	712	BN		Fine loamy drift with limestones	Ballinamore	Fine loamy	drift with limestones	drift	limestones	
0721UN42	LIVE	UNnamed_42	721	UN42		Fine loamy drift with limestones	UNnamed_42	Fine loamy	drift with limestones	drift	limestones	
0723MT	LIVE	Mylerstown	723	MT	129	Fine loamy drift with limestones	Mylerstown	Fine loamy	drift with limestones	drift	limestones	
0724BS	LIVE	Ballyshear	724	BS	201	Fine loamy drift with limestones	Ballyshear	Fine loamy	drift with limestones	drift	limestones	
0213KCB	DEAD	Kilcolgan bouldery phase	213	KCB	141	Fine loamy drift with limestones	Kilcolgan	Fine loamy	drift with limestones	drift	limestones	
0311RAB	DEAD	Rathowen Brown Earth Variant	311	RAB	200	Fine loamy drift with limestones	Kennycourt	Fine loamy	drift with limestones	drift	limestones	
0411BK	DEAD	Ballinakill	411	BK		Fine loamy drift with limestones	Elton	Fine loamy	drift with limestones	drift	limestones	
0411KYV	DEAD	Knockairy Variant	411	KYV	59	Fine loamy drift with limestones	Elton	Fine loamy	drift with limestones	drift	limestones	
0412UN25	DEAD	UNnamed_25	412	UN25		Fine loamy drift with limestones	Daars	Fine loamy	drift with limestones	drift	limestones	
0414DC	DEAD	Donaghcumper	414	DC	119	Fine loamy drift with limestones	Rathowen	Fine loamy	drift with limestones	drift	limestones	
0414RAC	DEAD	Rathowen Cherty Phase	414	RAC		Fine loamy drift with limestones	Rathowen	Fine loamy	drift with limestones	drift	limestones	
0712CK	DEAD	Coolnakisha	712	CK	107	Fine loamy drift with limestones	Ballinamore	Fine loamy	drift with limestones	drift	limestones	
0712MN	DEAD	Moanduff	712	MN	110	Fine loamy drift with limestones	Ballinamore	Fine loamy	drift with limestones	drift	limestones	
0712RD	DEAD	Raheenduff	712	RD		Fine loamy drift with limestones	Ballinamore	Fine loamy	drift with limestones	drift	limestones	
0712RDI	DEAD	Raheenduff imperfectly drained phase	712	RDI		Fine loamy drift with limestones	Ballinamore	Fine loamy	drift with limestones	drift	limestones	
0723AX	DEAD	Allenwood Complex	723	AX	131	Fine loamy drift with limestones	Mylerstown	Fine loamy	drift with limestones	drift	limestones	Mylerstown lead soil
0723CK	DEAD	Clonlisk	723	CK		Fine loamy drift with limestones	Mylerstown	Fine loamy	drift with limestones	drift	limestones	
0723DW	DEAD	Duninstown	723	DW	126	Fine loamy drift with limestones	Mylerstown	Fine loamy	drift with limestones	drift	limestones	
0723GH	DEAD	Garryhinch Series 1	723	GH		Fine loamy drift with limestones	Mylerstown	Fine loamy	drift with limestones	drift	limestones	
0723KL	DEAD	Kilpatrick	723	KL	128	Fine loamy drift with limestones	Mylerstown	Fine loamy	drift with limestones	drift	limestones	
0723MTI	DEAD	Mylerstown imperfectly drained phase	723	MTI	129	Fine loamy drift with limestones	Mylerstown	Fine loamy	drift with limestones	drift	limestones	
0723PT	DEAD	Painestown	723	PT		Fine loamy drift with limestones	Mylerstown	Fine loamy	drift with limestones	drift	limestones	
0724AQ	DEAD	Attyquin	724	AQ		Fine loamy drift with limestones	Ballyshear	Fine loamy	drift with limestones	drift	limestones	
0311CL	LIVE	Clonroche	311	CL		Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0312UN16	LIVE	UNnamed_16	312	UN16		Fine loamy drift with siliceous stones	UNnamed_16	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0313AS	LIVE	Ashgrove	313	AS		Fine loamy drift with siliceous stones	Ashgrove	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0314MO	LIVE	Moord	314	MO		Fine loamy drift with siliceous stones	Moord	Fine loamy	drift with siliceous stones	drift	siliceous stones	Includes UN17
0411DB	LIVE	Dunboyne	411	DB		Fine loamy drift with siliceous stones	Dunboyne	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0412CB	LIVE	Crossabeg	412	CB		Fine loamy drift with siliceous stones	Crossabeg	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0412UN26	LIVE	UNnamed_26	412	UN26		Fine loamy drift with siliceous stones	Crossabeg	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0414FE	LIVE	Fethard	414	FE		Fine loamy drift with siliceous stones	Fethard	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0511UN29	LIVE	UNnamed_29	511	UN29		Fine loamy drift with siliceous stones	UNnamed_29	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0513RK	LIVE	Rathkenny	513	RK		Fine loamy drift with siliceous stones	Rathkenny	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0514CR	LIVE	Corriga	514	CR		Fine loamy drift with siliceous stones	Corriga	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711KR	LIVE	Kilrush	711	KR	71	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712GN	LIVE	Gortaclareen	712	GN	68	Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0721KP	LIVE	Kilperce	721	KP		Fine loamy drift with siliceous stones	Kilperce	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0722TK	LIVE	Tourmakeady	722	TK		Fine loamy drift with siliceous stones	Tourmakeady	Fine loamy	drift with siliceous stones	drift	siliceous stones	includes UN44
0731UN47	LIVE	UNnamed_47	731	UN47		Fine loamy drift with siliceous stones	UNnamed_47	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311BA	DEAD	Baldwinstown	311	BA		Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311BC	DEAD	Ballymalacken	311	BC	49	Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311BN	DEAD	Baunreagh	311	BN		Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0311DP	DEAD	Deerpark variant	311	DP		Fine loamy drift with siliceous stones	Clonroche	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0313CV	DEAD	Cloverfield	313	CV	47	Fine loamy drift with siliceous stones	Ashgrove	Fine loamy	drift with siliceous stones	drift	siliceous stones	Limerick
0314AM	DEAD	Ambrosetown	314	AM		Fine loamy drift with siliceous stones	Moord	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0314TU	DEAD	Tullig	314	TU	137	Fine loamy drift with siliceous stones	Moord	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0314UN17	DEAD	UNnamed_17	314	UN17		Fine loamy drift with siliceous stones	Moord	Fine loamy	drift with siliceous stones	drift	siliceous stones	now Moord series
0411BC	DEAD	Ballycastle	411	BC		Fine loamy drift with siliceous stones	Dunboyne	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0411CC	DEAD	Clooncarreen	411	CC		Fine loamy drift with siliceous stones	Dunboyne	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0411DBG	DEAD	Dunboyne Gravelly phase	411	DBG		Fine loamy drift with siliceous stones	Dunboyne	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0411DBS	DEAD	Dunboyne Shaley phase	411	DBS		Fine loamy drift with siliceous stones	Dunboyne	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0411KM	DEAD	Kilmeaden	411	KM		Fine loamy drift with siliceous stones	Dunboyne	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0513BR	DEAD	Ballybrood	513	BR	53	Fine loamy drift with siliceous stones	Rathkenny	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0513RKM	DEAD	Rathkenny Moderately Steep Phase	513	RKM		Fine loamy drift with siliceous stones	Rathkenny	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0514CRB	DEAD	Corriga bouldery phase	514	CRB		Fine loamy drift with siliceous stones	Corriga	Fine loamy	drift with siliceous stones	drift	siliceous stones	large boulders locally (not mapped)
0711AB	DEAD	Ashbourne	711	AB		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711ABS	DEAD	Ashbourne Shaley Phase	711	ABS		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711AF	DEAD	Abbeyleale	711	AF	62	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711AFN	DEAD	Abbeyleale non-peaty phase	711	AFN		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711AFS	DEAD	Abbeyleale Sandy phase	711	AFS		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	Sdy/Ly --> Kilrush, v small extent
0711AFU	DEAD	Abbeyleale Undulating phase	711	AFU		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711BH	DEAD	Ballyhaise	711	BH		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711BP	DEAD	Ballypierce Variant	711	BP		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711GS	DEAD	Garristown	711	GS	127	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711GV	DEAD	Garvagh	711	GV	71	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711KC	DEAD	Kilcommon	711	KC	251	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711KD	DEAD	Killadangan	711	KD		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711KT	DEAD	Kiltyclogher	711	KT		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711PN	DEAD	Parknagyle	711	PN		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711RG	DEAD	Rinnagowna	711	RG		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711RO	DEAD	Rathangan	711	RO		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711SR	DEAD	Street	711	SR	202	Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711SRN	DEAD	Street New Red Sandstone Variant	711	SRN		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711WF	DEAD	Waterford	711	WF		Fine loamy drift with siliceous stones	Kilrush	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712AFP	DEAD	Abbeyleale peaty phase	712	AFP		Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712AG	DEAD	Aglish	712	AG		Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712CC	DEAD	Castlecomer	712	CC	105	Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712KCP	DEAD	Kilcommon peaty phase	712	KCP		Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712LC	DEAD	Lickey	712	LC		Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712ME	DEAD	Mothel	712	ME		Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712MM	DEAD	Mountminnett	712	MM	73	Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0712SK	DEAD	Seskinrea	712	SK	114	Fine loamy drift with siliceous stones	Gortaclareen	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0721BN	DEAD	Ballinruan	721	BN		Fine loamy drift with siliceous stones	Kilperce	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0722UN44	DEAD	UNnamed_44	722	UN44		Fine loamy drift with siliceous stones	Tourmakeady	Fine loamy	drift with siliceous stones	drift	siliceous stones	
0711CH	LIVE	Clohernagh	711	CH		Fine loamy fragile drift with siliceous stones	Clohernagh	Fine loamy	fragic drift with siliceous stones	fragic drift	siliceous stones	
0821UN48	LIVE	UNnamed_48	821	UN48		Fine loamy lake alluvium	UNnamed_48	Fine loamy	lake alluvium	alluvium	lake	
0311KIL	LIVE	Kill lithic phase	311	KIL		Fine loamy over acid igneous bedrock	Kill lithic phase	Fine loamy	acid igneous bedrock	bedrock	acid igneous	
0311LA	LIVE	Ladestown	311	LA	199	Fine loamy over calcareous gravels	Ladestown	Fine loamy	calcareous gravels	drift	calcareous gravels	
0321UN05	LIVE	UNnamed_05	321	UN05		Fine loamy over calcareous gravels	UNnamed_05	Fine loamy	calcareous gravels	drift	calcareous gravels	
0723UN46	LIVE	UNnamed_46	723	UN46		Fine loamy over calcareous gravels	UNnamed_46	Fine loamy	calcareous gravels	drift	calcareous gravels	
0411UN21	DEAD	UNnamed_21	411	UN21		Fine loamy over calcareous gravels	Ballynamona	Fine loamy	calcareous gravels	drift	calcareous gravels	
0311KV	LIVE	Kinvarra	311	KV	135	Fine loamy over clayey drift with limestones	Kinvarra	Fine loamy over clayey	drift with limestones	drift	limestones	Clare
0411MT	LIVE	Mortarstown	411	MT	90	Fine loamy over clayey drift with limestones	Mortarstown	Fine loamy over clayey	drift with limestones	drift	limestones	
0414UN56	LIVE	UNnamed_56	414	UN56		Fine loamy over clayey drift with limestones	UNnamed_56	Fine loamy over clayey	drift with limestones	drift	limestones	
0711MC	LIVE	Macamore	711	MC		Fine loamy over clayey drift with limestones	Macamore	Fine loamy over clayey	drift with limestones	drift	limestones	
0311KVB	DEAD	Kinvarra Bouldery phase	311	KVB	135	Fine loamy over clayey drift with limestones	Kinvarra	Fine loamy over clayey	drift with limestones	drift	limestones	
0411PU	DEAD	Paulstown	411	PU	91	Fine loamy over clayey drift with limestones	Mortarstown	Fine loamy over clayey	drift with limestones	drift	limestones	
0411RC	DEAD	Rathcannon	411	RC	61							

Id	Live	National Series	Subgrc	Code	Num	Modern Definition	Modern Correlative	Texture	Substrate Type	Substrate 1	Substrate 2	Notes
0632KA	LIVE	Killinga	632	KA		Loamy compact drift with siliceous stones	Killinga	.oamy	drift with siliceous stones	drift	siliceous stones	fine grained sandstone till
0611SP	LIVE	Stonepark	611	SP		Loamy drift with igneous and metamorphic stones	Stonepark	.oamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611BY	DEAD	Ballinagilly	611	BY	109	Loamy drift with igneous and metamorphic stones	Stonepark	.oamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611MB	DEAD	Massbrook	611	MB		Loamy drift with igneous and metamorphic stones	Stonepark	.oamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611MBB	DEAD	Massbrook bouldery phase	611	MBB		Loamy drift with igneous and metamorphic stones	Stonepark	.oamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0611MBP	DEAD	Massbrook peaty phase	611	MBP		Loamy drift with igneous and metamorphic stones	Stonepark	.oamy	drift with igneous and metamorphic stones	drift	igneous and metamorphic stones	
0411PW	LIVE	Patrickswell	411	PW	60	Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0411FT	DEAD	Fontstown	411	FT	120	Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0411GA	DEAD	Grange	411	GA	121	Loamy drift with limestones	Elton	.oamy	drift with limestones	drift	limestones	
0411HH	DEAD	Hook Head	411	HH		Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0411KB	DEAD	Knockbeg	411	KB		Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0411KBS	DEAD	Knockbeg stony phase	411	KBS		Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0411KK	DEAD	Knock	411	KK	60	Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0411PWB	DEAD	Patrickswell bouldery phase	411	PWB	60	Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0411PWP	DEAD	Patrickswell Steep Variant	411	PWP		Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0411PWR	DEAD	Patrickswell rocky phase	411	PWR	60	Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0411PWS	DEAD	Patrickswell shallow variant	411	PWS		Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0411SY	DEAD	Stradbally	411	SY		Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0411SYR	DEAD	Stradbally Rocky Phase	411	SYR		Loamy drift with limestones	Patrickswell	.oamy	drift with limestones	drift	limestones	
0611BN	LIVE	Ballycondon	611	BN		Loamy drift with siliceous stones	Ballycondon	.oamy	drift with siliceous stones	drift	siliceous stones	
0612PO	LIVE	Portlaw	612	PO		Loamy drift with siliceous stones	Portlaw	.oamy	drift with siliceous stones	drift	siliceous stones	
0621AH	LIVE	Ahuan	621	AH		Loamy drift with siliceous stones	Ahuan	.oamy	drift with siliceous stones	drift	siliceous stones	
0631KD	LIVE	Killadoon	631	KD		Loamy drift with siliceous stones	Killadoon	.oamy	drift with siliceous stones	drift	siliceous stones	includes UN35
0632GL	LIVE	Glenary	632	GL		Loamy drift with siliceous stones	Glenary	.oamy	drift with siliceous stones	drift	siliceous stones	
0731GE	LIVE	Greenane	731	GE	108	Loamy drift with siliceous stones	Greenane	.oamy	drift with siliceous stones	drift	siliceous stones	
1011MT	LIVE	Monatray	1011	MT		Loamy drift with siliceous stones	Monatray	.oamy	drift with siliceous stones	drift	siliceous stones	
0414BG	DEAD	Ballinabranagh	414	BG	88	Loamy drift with siliceous stones	Crosstown	.oamy	drift with siliceous stones	drift	siliceous stones	
0612BE	DEAD	Beltra	612	BE		Loamy drift with siliceous stones	Portlaw	.oamy	drift with siliceous stones	drift	siliceous stones	
0612CL	DEAD	Conlawn	612	CL		Loamy drift with siliceous stones	Portlaw	.oamy	drift with siliceous stones	drift	siliceous stones	Laois
0612KE	DEAD	Knockcommane	612	KE		Loamy drift with siliceous stones	Portlaw	.oamy	drift with siliceous stones	drift	siliceous stones	
0612KEV	DEAD	Knockcommane variant	612	KEV		Loamy drift with siliceous stones	Portlaw	.oamy	drift with siliceous stones	drift	siliceous stones	
0631KDB	DEAD	Killadoon bouldery phase	631	KDB		Loamy drift with siliceous stones	Killadoon	.oamy	drift with siliceous stones	drift	siliceous stones	
0631KDP	DEAD	Killadoon bouldery phase	631	KDP		Loamy drift with siliceous stones	Killadoon	.oamy	drift with siliceous stones	drift	siliceous stones	
0631UN35	DEAD	UNnamed_35	631	UN35		Loamy drift with siliceous stones	Killadoon	.oamy	drift with siliceous stones	drift	siliceous stones	
0632DO	DEAD	Dooncarton	632	DO		Loamy drift with siliceous stones	Killinga	.oamy	drift with siliceous stones	drift	siliceous stones	
0632KT	DEAD	Knockanatin	632	KT	139	Loamy drift with siliceous stones	Killinga	.oamy	drift with siliceous stones	drift	siliceous stones	
0632KTB	DEAD	Knockanatin bouldery phase	632	KTB	139	Loamy drift with siliceous stones	Killinga	.oamy	drift with siliceous stones	drift	siliceous stones	
0632KTP	DEAD	Knockanatin peaty phase	632	KTP	139	Loamy drift with siliceous stones	Killinga	.oamy	drift with siliceous stones	drift	siliceous stones	
0632LB	DEAD	Letterbrock	632	LB		Loamy drift with siliceous stones	Killinga	.oamy	drift with siliceous stones	drift	siliceous stones	
0632LBB	DEAD	Letterbrock bouldery phase	632	LBB		Loamy drift with siliceous stones	Killinga	.oamy	drift with siliceous stones	drift	siliceous stones	
0632RM	DEAD	Rossmore	632	RM		Loamy drift with siliceous stones	Killinga	.oamy	drift with siliceous stones	drift	siliceous stones	Laois
0722BH	DEAD	Bawnrush	722	BH		Loamy drift with siliceous stones	Slieve Bloom	.oamy	drift with siliceous stones	drift	siliceous stones	
1011BA	DEAD	Bannow	1011	BA		Loamy drift with siliceous stones	Monatray	.oamy	drift with siliceous stones	drift	siliceous stones	
0612CB	LIVE	Carrickbyrne	612	CB		Loamy over acid and basic igneous bedrock	Carrickbyrne	.oamy	acid and basic igneous bedrock	bedrock	acid and basic igneous	Acid or basic?
0611BS	LIVE	Ballyscanlon	611	BS		Loamy over acid igneous bedrock	Ballyscanlon	.oamy	acid igneous bedrock	bedrock	acid igneous	
0611BR	LIVE	Black Rock Mountain	611	BR		Loamy over gneiss or schist bedrock	Black Rock Mountain	.oamy	gneiss or schist bedrock	bedrock	gneiss or schist	Wexford
0611S03	DEAD	Soil 3	611	S03		Loamy over gneiss or schist bedrock	Black Rock Mountain	.oamy	gneiss or schist bedrock	bedrock	gneiss or schist	
0611S03a	DEAD	Soil 3a	611	S03a		Loamy over gneiss or schist bedrock	Black Rock Mountain	.oamy	gneiss or schist bedrock	bedrock	gneiss or schist	
0611S08	DEAD	Soil 8	611	S08		Loamy over gneiss or schist bedrock	Black Rock Mountain	.oamy	gneiss or schist bedrock	bedrock	gneiss or schist	
0112BUR	LIVE	Burren rocky phase	213	BUR	140X	Loamy over limestone bedrock	Burren Rocky Phase	Fine loamy	limestone bedrock	bedrock	limestone	
0211UN15	LIVE	UNnamed_15	213	UN15		Loamy over limestone bedrock	UNnamed_15	.oamy	limestone bedrock	bedrock	limestone	
0212BUV	DEAD	Burren very rocky phase	213	BUV	140Y	Loamy over limestone bedrock	Burren Rocky Phase	.oamy	limestone bedrock	bedrock	limestone	
0111UN01	LIVE	UNnamed_01	111	UN01		Loamy over lithoskeletal basic igneous rock	UNnamed_01	.oamy	lithoskeletal basic igneous rock	lithoskeletal	basic igneous rock	
0112UN02	LIVE	UNnamed_02	112	UN02		Loamy over lithoskeletal gneiss or schist	UNnamed_02	.oamy	lithoskeletal gneiss or schist	lithoskeletal	gneiss or schist	
0112RN	LIVE	Rineanna	112	RN	84	Loamy over lithoskeletal limestone	Rineanna	.oamy	lithoskeletal limestone	lithoskeletal	limestone	
0112CP	DEAD	Crumpaun	112	CP		Loamy over lithoskeletal limestone bedrock	Rineanna	.oamy	lithoskeletal limestone	lithoskeletal	limestone	40 deg slopes!
0112KY	LIVE	Knockeyon	112	KY	204	Loamy over lithoskeletal sandstone	Knockeyon	.oamy	lithoskeletal sandstone	lithoskeletal	sandstone	
0112SR	DEAD	Slievereagh	112	SR	85	Loamy over lithoskeletal sandstone	Knockeyon	.oamy	lithoskeletal sandstone	lithoskeletal	sandstone	
0632KYP	DEAD	Knockeyon slightly peaty podzol v	632	KYP	204	Loamy over lithoskeletal sandstone	Forth Commons	.oamy	lithoskeletal sandstone	lithoskeletal	sandstone	
0721UN10	LIVE	UNnamed_10	721	UN10		Loamy over lithoskeletal shale or slate	UNnamed_10	.oamy	lithoskeletal shale or slate	lithoskeletal	shale or slate	
0112KW	LIVE	Knockshigowna	112	KW		Loamy over lithoskeletal shale or slate bedrock	Knockshigowna	.oamy	shale or slate bedrock	bedrock	shale or slate	
0111UN51	LIVE	UNnamed_51	111	UN51		Loamy over sandstone bedrock	UNnamed_51	.oamy	sandstone bedrock	bedrock	sandstone	
0611DS	LIVE	Drumslig	611	DS		Loamy over sandstone bedrock	Drumslig	.oamy	sandstone bedrock	bedrock	sandstone	
0612UN58	LIVE	UNnamed_58	612	UN58		Loamy over sandstone bedrock	UNnamed_58	.oamy	sandstone bedrock	bedrock	sandstone	
0631UN36	LIVE	UNnamed_36	631	UN36		Loamy over sandstone bedrock	UNnamed_36	.oamy	sandstone bedrock	bedrock	sandstone	
0632FC	LIVE	Forth Commons	632	FC		Loamy over sandstone bedrock	Forth Commons	.oamy	sandstone bedrock	bedrock	sandstone	
0632SF	DEAD	Seefin	632	SF	80	Loamy over sandstone bedrock	Forth Commons	.oamy	sandstone bedrock	bedrock	sandstone	
0632BRC	DEAD	Black Rock Mountain	632	BRC	17	Loamy over shale bedrock	Knockastanna	.oamy	shale bedrock	bedrock	shale bedrock	Carlow
0111UN14	LIVE	UNnamed_14	111	UN14		Loamy over shale or slate bedrock	UNnamed_14	.oamy	shale or slate bedrock	bedrock	shale or slate	
0611SG	LIVE	Slievebeag	611	SG		Loamy over shale or slate bedrock	Slievebeag	.oamy	shale or slate bedrock	bedrock	shale or slate	includes UN34
0632KS	LIVE	Knockastanna	632	KS	79	Loamy over shale or slate bedrock	Knockastanna	.oamy	shale or slate bedrock	bedrock	shale or slate	includes UN66
0611UN34	DEAD	UNnamed_34	611	UN34		Loamy over shale or slate bedrock	Slievebeag	.oamy	shale or slate bedrock	bedrock	shale or slate	decide shale or slate...
0632KI	DEAD	Knockanimpaha	632	KI	78	Loamy over shale or slate bedrock	Knockastanna	.oamy	shale or slate bedrock	bedrock	shale or slate	
0632KSP	DEAD	Knockastanna peaty phase	632	KSP	79	Loamy over shale or slate bedrock	Knockastanna	.oamy	shale or slate bedrock	bedrock	shale or slate	
0632TH	DEAD	Temple Hill variant	632	TH		Loamy over shale or slate bedrock	Knockastanna	.oamy	shale or slate bedrock	bedrock	shale or slate	Limerick
0632UN66	DEAD	UNnamed_66	632	UN66		Loamy over shale or slate bedrock	Knockastanna	.oamy	shale or slate bedrock	bedrock	shale or slate bedrock	
0811IL	LIVE	Ilen	811	IL		Loamy river alluvium over gravels	Ilen	.oamy	river alluvium	alluvium	river	
0811MH	DEAD	Manch	811	MH		Loamy river alluvium over gravels	Ilen	.oamy	river alluvium	alluvium	river	
0811ML	DEAD	Mealagh	811	ML		Loamy river alluvium over gravels	Ilen	.oamy	river alluvium	alluvium	river	
0911AT	LIVE	Aughty	911	AT	903	Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0912ATD	LIVE	Aughty drained	912	ATD		Peat (Blanket Bog)	Aughty drained	Peat	peat	peat	blanket bog	
0913ATC	LIVE	Aughty cutover	913	ATC		Peat (Blanket Bog)	Aughty cutover	Peat	peat	peat	blanket bog	Cut peat
0911ATE	DEAD	Aughty eroded phase	911	ATE		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0911ATH	DEAD	Aughty shallow phase	911	ATH		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0911ATL	DEAD	Aughty slumping phase	911	ATL		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0911GW	DEAD	Gweesalia	911	GW		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0911GY	DEAD	Glenamoy	911	GY		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0911OW	DEAD	Owenmore	911	OW		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0911OWR	DEAD	Owenmore Rocky Phase	911	OWR		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0911OWV	DEAD	Owenmore Very Rocky Phase	911	OWV		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	
0911S10	DEAD	Soil 10	911	S10		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	West Donegal
0911S10a	DEAD	Soil 10a	911	S10a		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	West Donegal
0911S10b	DEAD	Soil 10b	911	S10b		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	West Donegal
0911S23	DEAD	Soil 23	911	S23		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	West Donegal
0911S23a	DEAD	Soil 23a	911	S23a		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	West Donegal
0911S23b	DEAD	Soil 23b	911	S23b		Peat (Blanket Bog)	Aughty	Peat	peat	peat	blanket bog	West Donegal
0912S11	DEAD	Soil 11	912	S11		Peat (Blanket Bog)	Aughty drained	Peat	peat	peat	blanket bog	
0912S11a	DEAD	Soil 11a	912	S11a		Peat (Blanket Bog)	Aughty drained	Peat	peat	peat	blanket bog	
0912S11b	DEAD	Soil 11b	912	S11b		Peat (Blanket Bog)	Aughty drained	Peat	peat	peat	blanket bog	
0912S22	DEAD	Soil 22	912	S22		Peat (Blanket Bog)	Aughty drained	Peat	peat	peat	blanket bog	
0912S22a	DEAD	Soil 22a	912	S22a		Peat (Blanket Bog)	Aughty drained	Peat	peat	peat	blanket bog	
0913GYC	DEAD	Glenamoy Cutover	913	GYC		Peat (Blanket Bog)	Aughty Cutover	Peat	peat	peat	blanket bog	
0913S12	DEAD	Soil 12	913	S12		Peat (Blanket Bog)	Aughty cutover	Peat	peat	peat	blanket bog	
0922BR	LIVE	Banagher	922	BR	905	Peat (Fen)	Banagher	Peat	peat	peat	fen peat	
0922AD	DEAD	Ardrum	922	AD	1P	Peat (Fen)	Banagher	Peat	peat	peat	fen peat	some alluvium overlying peat
0922BRD	DEAD	Banagher deep phase	922	BRD	905	Peat (Fen)	Banagher	Peat	peat	peat	fen peat	
0922BRS	DEAD	Banagher shallow phase	922	BRS	905	Peat (Fen)	Banagher	Peat	peat	peat	fen peat	
0922S30	DEAD	Soil 30	922	S30		Peat (Fen)	Banagher	Peat	peat	peat	fen peat	
0921PT	LIVE	Pollardstown	921	PT	908	Peat (Fen, undrained)	Pollardstown	Peat	peat	peat	fen peat	
0911AE	LIVE	Allen	911	AE	900	Peat (Raised Bog (moss))	Allen	Peat	peat	peat	raised bog	
0911RH	DEAD	Raheen	911	RH		Peat (Raised Bog (moss))	Allen	Peat	peat	peat	raised bog	
0911AEC	LIVE	Allen Cutover	911	AEC		Peat (Raised Bog cutover)	Allen Cutover	Peat	peat	peat	raised bog	cutover (Clare)
0912GN	LIVE	Garrynamona	912	GN		Peat (Raised Bog)	Garrynamona	Peat	peat	peat	raised bog	
0914CS	LIVE	Cionsast	914	CS	907	Peat (Raised Bog, Industrial milled and machined)</						

Annex IV

ISIS Soil Classification

0 Raw Sands		
1 Lithosols	1.1 Lithosols	1.11 Typical Lithosols 1.12 Humic Lithosols 1.13 Histic Lithosols
2 Rendzinas	2.1 Rendzinas	2.11 Typical Rendzinas 2.12 Gleyic Rendzinas 2.13 Humic Rendzinas 2.14 Stagnic Rendzinas 2.15 Histic Rendzinas
3 Brown Earths	3.1 Non-calcareous Brown Earths	3.11 Typical Brown Earths 3.12 Gleyic Brown Earths 3.13 Humic Brown Earths 3.14 Stagnic Brown Earths 3.15 Humi-stagnic Brown Earths
	3.2 Calcareous Brown Earths	3.21 Typical Calcareous Brown Earths 3.22 Gleyic Calcareous Brown Earths 3.23 Stagnic Calcareous Brown Earths
4 Luvisols	4.1 Luvisols	4.11 Typical Luvisols 4.12 Gleyic Luvisols 4.13 Humic Luvisols 4.14 Stagnic Luvisols
5 Brown Podzolics	5.1 Brown Podzolics	5.11 Typical Brown Podzolics 5.12 Gleyic Brown Podzolics 5.13 Humic Brown Podzolics 5.14 Stagnic Brown Podzolics
6 Podzols	6.1 Non-Gley Podzols	6.11 Ferric Podzols 6.12 HumoFerric Podzols
	6.2 Gley Podzols	6.21 Typical Gley Podzols 6.22 Stagno-Gley Podzols
	6.3 Stagno-Podzols	6.31 Ferric Stagno-Podzols 6.32 Iron-pan Stagno-Podzols
7 Gleys	7.1 Surface-water Gleys	7.11 Typical Surface-water Gleys 7.12 Humic Surface-water Gleys
	7.2 Ground-water Gleys	7.21 Typical Groundwater Gleys 7.22 Humic Groundwater Gleys 7.23 Calcareous Groundwater Gleys 7.24 Humic Calcareous Groundwater Gleys
	7.3 Undifferentiated Gleys	7.31 Typical Undifferentiated Gleys
8 Alluvial soils	8.1 Brown Alluvial Soils	8.11 Typical Brown Alluvial Soils 8.12 Gleyic Brown Alluvial Soils 8.13 Humic Brown Alluvial soils
	8.2 Alluvial Gleys	8.21 Typical Alluvial Gleys 8.22 Humic Alluvial Gleys 8.23 Typical Calcareous Alluvial Gleys 8.24 Humic Calcareous Alluvial Gleys
9 Peat soils	9.1 Ombrotrophic Peat Soils	9.11 Raw Ombrotrophic Peat Soils 9.12 Earthy Ombrotrophic Peat Soils 9.13 Cut-over Ombrotrophic Peat Soils 9.14 Industrial Ombrotrophic Peat Soils
	9.2 Minerotrophic Peat Soils	9.21 Raw Minerotrophic Peat Soils 9.22 Earthy Minerotrophic Peat Soils
10 Anthropogenic soils	10.1 Anthrosols	10.11 Terric Anthrosols 10.12 Stagni-terrific Anthrosols
	10.2 Technosols	

National_assoc_code	County_Assoc_cod	Association_Name	Lead Series	Texture_Substrate_type	Ancillary1_code	Ancillary1_name	Ancillary2_code	Ancillary2_name	Ancillary3_code	Ancillary3_name	Ancillary4_code	Ancillary4_name	Ancillary5_code	Ancillary5_name	Comment	notes
112a	112f	Rineanna	Rineanna (RN)	Loamy over lithoskeletal limestone	321	Ballincurra (BC)	411	Elton ET)							includes Rineanna-Ballincurra complex	
112b	112b	Crumpaun	Crumpaun=Rineanna (RN)	Loamy over lithoskeletal limestone	314	Loughmuirran (LO)	711	unnamed (UN08) (Clayey/shale)							wetter	
112c	112a	Knockeyon_1	Knockeyon(KY)	Loamy over lithoskeletal sandstone	632	Forth Commons									includes Slieveveagh	Include 112d
112d		Knockeyon_2	Knockeyon(KY)	Loamy over lithoskeletal sandstone		Rock (Rk)	911	Aughty (AT)							W Cork- hill and mountain complex rock is probably the dominant part of the association	Combine with Knocheyon_1
112d		Knockshigowna	Knockshigowna (KW)	Loamy over lithoskeletal slate and shale	311	Clonroche (CL)	513	Borrisoleigh (BE)							Borrisoleigh - Knockshigowna complex and	
113a		Carrigvahanagh	Carrigvahanagh (CV)	peat over lithoskeletal acid igneous rock		Rock Rk)	632	Blackstairs (BL)	722	Ballywilliam (BW)	911	Aughty (AT)			rock covers 50-80% of the area	
113b		Bantry	Bantry (BA)	Peat over lithoskeletal sandstone and shale		Rock (Rk)	911	Aughty (AT)							Hill and mountain complex D in West Cork	Bantry is new sereis name for the Schull and Ross Carbery rocky phases (W Cork)
211a	211a	Seafield	Seafield (SE)	Sandy stoneless drift	311	Dooyork (DY)	722	Ballyknockan (BK)							Dooyork series occurs along the edge of sand dunes. Some imperfectly and poorly drained soils (Ballyknockan) on landward side of dune sands (West Donegal)	
211b		Kilcolgan	Kilcolgan (KC)	Fine loamy drift with limestones	211	Kilcolgan bouldery phase (KC)	321	Kinvarra (KV)							drift over limestone rock; includes Kilcolgan bouldery phase	
213a	211b	Burren	Burren (BU)	Fine loamy over limestone bedrock		Rock Rk)	111	unnamed (RN?) (loamy/lithosk lst)	321	Ballincurra (BC)	213	Kilcolgan (KC)			Include rocky phase with up to 25% bare rock; Co Clare has rocky phases; no Ballincurra at Leitrim	change to 213 as humose
213b		Burren rocky phase	Burren (BUR)	Limestone pavement	211	Burren (BU)									Also includes all Burren rocky phases	
311a	311D	Clonroche (CL)	Clonroche (CL)	Fine loamy drift with silliceous stones	311	Baunreagh Steep Phase = Ballylanders (BY)	513	Borrisoleigh (BE)	712	Gortaclareen (GN)	711	Kilrush (KR)			Clonroche over drift; Baunreagh Steep Phase; 311f Ballynalacken -> 311a; 311j Cloverfield -> 311a; Baldswintown = Clonroche. Knockshigowna as minor component	easy rolling topography, Baunreagh Steep phase (Laos p.210 profile desc); Borrisoleigh, extensive in N Tipperary. Incudes Ballynalacken in Co Clare
311b	311c	Kill_1	Kill (KI)	Fine loamy drift with igneous & metamorphic stones	311	Kill lithic phase (KIL)	313	Carrigogunnel (CG)							Derk shaley phase; Co Clare- Derk in felsitic drift	
311c	311G	Clashmore_1	Clashmore (CM)	Coarse loamy drift with siliceous stones	312	Broadway (BY)	722	Puckane (PU)							rationalised with other Wick associations Old Ross, Knocknaskeha 1 and 2 and Kilfergus includes gleyic BE (Broadway) and 722 Puckane. Knockeyon as minor component	gently undulating
311d	311I	Ballyvorheen	Ballyvorheen (BV)	Sandy drift with siliceous stones	311	Clashmore (CM)	612	Portlaw (PO)							Related to Cooga series but keep separate for now; 311m->311d	
311e	311b	Kells	Kells (KE)	Coarse loamy drift over hard shale	513	Rathkenny RK)	711	Kilrush (KR)							Gley soils in valleys? maybe Street a minor component (small areas lumped during rationalisation). Also Ew on drumlins	also includes Keeloge in Carlow and Parknackle in Carlow (Kilrush)
311f	311i	Ballylanders	Ballylanders (BY)	Fine loamy over slate or shale bedrock	513	Cupidstownhill (CU)	313	Ridge= Ballylanders (BY)?	311	Clonroche (CL)					Largest areas (Clare 11.93kha) FLY over rock; Limerick CoLy over rock maybe?; Choose either FLY or CoLy and non-humose?	includes Ballindaggan in Carlow and Wexford and ridge in Laos and Hughstown in Kildare; Includes Ballynalacken in Co Clare
311g		Knocksquire	Knocksquire (KS)	Coarse loamy over acid igneous bedrock		Rock (Rk)										
311h		Borris	Borris (BO)	Coarse loamy drift with igneous and metamorphic stones	722	Ballywilliam (BW)										
311i		Broomhill	Broomhill (BL)	fine loamy drift over sandstone bedrock	311	Clashmore (CM)	1011	Monatray (MT)							some elements of man-made - reclaimed with beach sand particulalry the Bannow	includes Wexford and Waterford Broomhill units
311j		Randallsmill	Randallsmill (RM)	Coarse loamy stoneless drift												
311k		Broughillstown	Broughillstown (BR)	Coarse loamy over calcareous gravels	321	Baggotstown (BG)									different to Baggotstown as lead is typical BE rather than calc BE	Not mapped in Terra Cognita -> 321a Baggotstown
311l		Kennycourt	Kennycourt (KC)	Loamy drift with limestones	311	Clonroche (CL)	311	Ballylanders BY)							described as a GBP but not enough clay increase. Most are freely drained soils on lst drift with some shallower shale bedrock soils probaly also some local shale drift	
311m		Kill_2	Kill (KI)	Coarse loamy drift with igneous & metamorphic stones	721	Tramore (TR)	611	Ballyscanlon							includes Tramore (fragic) in Wexford	
311n		Clashmore_2	Clashmore_2	Coarse loamy drift with siliceous stones	711	Kilrush (KR)	411	Dungarvan (DG)							Dungarvan name has been used for the 411 subdis. Dungarvan unit in waterford is reclassified as Clashmore as it is a BE. Included Killadandaan now rationalised to Kilrush	
311o		Dovea	Dovea (DO)	Fine silty drift with limestones	321	Ballincurra (BC)	712	Howardstown (HN)							Map code 249	
311p		Dooyork	Dooyork (DY)	Sandy stoneless drift											Remove this association from national legend. Dooyork is an ancillary in 211a	
311q		UN15 (cLy_Rk-LIM) = Aille	UN15 (cLy_Rk-LIM) = Aille (AL)	Coarse loamy over limestone bedrock	213	Burren (BU)	311	cLy over DR-LIM= UN65	213	Crush (CS)	513	Crossmolina (CM)			Predominantly Kinvarra series found in West Mayo (not to be confused with Kinvarra elsewhere in national legend) - coarse loamy RK-LIM	
313a	313d	Ashgrove	Ashgrove (AS)	Fine loamy drift with siliceous stones	811	Clohamon (CN)	711	Kilrush (KR)							Keep intact, though likely to be a different kind of map unit to rest of Ireland	
313b		Wonderhill	Wonderhill (WO)	Fine loamy over lithoskeletal basic igneous rock	111	UN01 (Ly/basic igneous)	113	Carrigvahanagh (CV)							find names for shallow components	
313c		Schull	Schull (SH)	Coarse loamy drift with siliceous stones	1011	Ardmore (AR) (Schull plaggen)	712	Driminidy (DY)	511	Ross Carbery (RO)					Found in coastal areas on Western seaboard. Schull rocky phase now Bantry series	West Cork - includes Bantry complex A
313d		Bantry Bay	Bantry Bay (BB)	Coarse loamy dnse blue-grey drift with siliceous stones												
314a		Moord	Moord (MO)	fine loamy drift with silliceous stones	712	Gortaclareen (GN)	711	Kilrush (KR)							Moord in Waterford and Co Clare. Ambrosetown in Wexford now rationalised to Moord	Tullig rationalised to Moord in Co Clare
321a	321a	Baggotstown	Baggotstown (BG)	Coarse loamy over calcareous gravels	321	unnamed fine loamy/calc gravels= UN05	213	Crush (CS)	411	Patrickswell/Elton (PW/ET)					Badsey is FLY var of Baggotstown- modal profile = NTipp p95 - needs a name. This unit covers Baggotstown and Baggotstown-Crush units	Found on esker and moraine features. Crush found on the kame crests, Baggotstown elsewhere also includes some Patrickswell
321b	321c	Ballincurra	Ballincurra (BC)	Fine loamy over limestone bedrock	112	Rineanna (RN)	411	Elton ET)	321	Kilfenora (KF)					refers to units described as Ballincurra	Kilfenora 2nd ancillary soil in Co Clare
321c		Kinvarra	Kinvarra (KV)	Fine loamy over clayey drift with limestones	321	Kilfenora (KF)	313	Kilfergus= Schull (SH)							Co Clare	

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411a	411b	Patrickswell_1	Patrickswell (PW)	Loamy drift with limestones	321	Baggotstown (BG)	311	Ladestown (LA)	411	Elton (ET)					Incorporate bouldery phase (Tipperary)? Also included v minor Howardstown and Mylerstown minor components (Tipp)	well drained Patrickswell unit; redefined texture as loamy; horseheath anc1 now in lead series defn
411b	411c	Patrickswell_2	Patrickswell (PW)	Loamy drift with limestones	411	Patrickswell lithic phase (PWL)	321	Ballincurra (BC)							also include BE e.g. Baggotstown or ladestown. Also includes Mylerstown as minor component (tipp)	well drained Patrickswell with lithic phase
411c	411ß	Patrickswell_3	Patrickswell (PW)	Loamy drift with limestones	724	Mylerstown (MT)	411	Patrickswell lithic phase (PWL)	922	Banagher (BR)	724	Ballyshear (BS)			wetter Patrickswell unit Mylerstown changed from 711 to 723. Howardstown also needed as a subsid and locally Coolalough (822)	Undulating 60-120m, 2deg slopes
411d	411D	Kellistown	Kellistown (KL)	Coarse loamy drift with limestones	722	Puckane (PU)	722	Newtown (NT)							correlate Kellistown with Patrickswell? Newtown becomes Kellistown as contain same units.	Clowater has a peaty top, Newtown is humose; both are SL-LS Kellistown undulating to rolling topography at 60-120m, Newtown found on concave sloes, flattish topography and local depressions, Clowater found in depressions.
411e	411a	Mortarstown_1	Mortarstown (MT)	Fine loamy over clayey drift with limestones	414	Rathowen RA)	411	Patrickswell (PW)							Text suggest stagnogleyic; keep Offaly separate	Include Kinvarra as ancilliary and <-- 411g
411f	411h	Dunboyne	Dunboyne (DB)	Fine loamy drift with siliceous stones	711	Kilrush (KR)	414	Rathowen (RA)	311	Ladestown (LA)					Map says limestone till; text says Irish sea till (calc) intermixed with local limestone tills; Quat map says Shale enriched compact till of Irish Sea provenance.	411i-m -> 411f; 411n Clooncarine -> 411f; 411p Ballynamona -> 411f; 411ε Graceswood->411f
411g	4 11o	Mortarstown_2	Mortarstown (MT)	Fine loamy over clayey drift with limestones	411	Rathowen (RA)	311	Kinvarra (KV)							Mortarstown-Kinvara complex	Combine with 411e Mortarstown_1
411h	411g	Athy	Athy (AT)	Coarse loamy over calcareous gravels	321	Baggotstown (BG)	723	Athy poorly drained = Cionaslee (CS)							poorly drained component needs new name- no other 723s that are relevant	
411x		Elton_1	Elton (ET)	Fine loamy drift with limestones	321	Baggotstown (BG)	711	Kilrush (KR)	822	Camoge (CA)	411	Patrickswell (PW)	213	Burren-Ballincurra complex (BU-BC)	Howardstown as minor component	a few small areas of Burren-Ballincurra where limestone protrudes (Co Clare)
414a	414B	Crosstown	Crosstown (CO)	Coarse loamy drift with siliceous stones	412	Crossabeg (CB)	412	Johnstown (JH)	411	Elton (ET)					includes 414A Fethard; Rathowen = Crosstown also includes RCP 414f Ballydoole in Limerick and Ballinbranagh in Carlow	414A -> 414a; 414e-> 414a
414b		Rathowen_1	Rathowen (RA)	Fine loamy drift with limestones	311	Ladestown (LA)	711	Kilrush (KR)							includes RCP 414a, c and d	Combine 414b and 414c into one Rathowen unit
414c		Rathowen_2	Rathowen (RA)	Fine loamy drift with limestones	311	Ladestown (LA)	922	Banagher (BR)							wetter 414b with drained fen peat in hollows	Ladestown-Rathowen-Banagher --> 414b
414d		Fethard	Fethard (FE)	Fine loamy drift with sillceous stones	721	Ballinruan= Kilpierce (KP)									Ballinruan now rationalised to Kilpierce	
511a	511e	Cooga_1	Cooga CO)	Coarse loamy drift with siliceous stones	511	UN06 (cLy_DR/GRN)	311	Clashmore (CM)	513	Knockboy (KB)	722	Puckane (PU)			includes RCP 511a and 511e and Clonnin complex (Offaly); includes Doonglara in Co Clare	
511b		Kiltealy	Kiltealy (KY)	Sandy drift with igneous and metamorphic stones	512	Tomard (TO) (Cullion)	722	Ballywilliam BW)	313	Carrigogunnel (CG)					now includes RCP 511b Kilnageer. Will also have brown earths associated with the Bpodz (313 Carrigogunnel - West Donegal)	
511c		Screen	Screen (SN)	Sandy stoneless drift	722	Ballyknockan (BK)	511	Carne (CA)								
511d		Cupidstownhill	Cupidstownhill (CU)	Loamy over shale bedrock	112	Knockshigowna (KW)									equivalent to Knockastanna series mapped in Limerick and NTipp and includes Knockastanna-Knockshigowna complex	
511e		Ross Carbery	Ross Carbery (RO)	Coarse loamy drift with siliceous stones	511	Cooga (CO)	722	Puckane (PU) (Glassheenahielan)	811	Ilén (IL)					differnt from Cooga as PM is compact fine sand till in W Cork	Possible inclusion of 712 Drimidy
511f		Cooga_2	Cooga (CO)	Coarse loamy drift with siliceous stones	632	Killinga (KA)	911	Aughty (AT)								
512a	512	Clonegall	Clonegall (CG)	Coarse loamy drift with siliceous stones	722	Puckane (PU)									line work to be rationalised to include Raheenleigh unit with Clonegall. Includes Cardtown, Laois	
512b		Tomard	Tomard (TO)	Loamy over slate or shale bedrock											perhaps add other ancillary soils	
513a	513d	Knockboy_1	Knockboy (KB)	Coarse loamy drift with siliceous stones	513	Knockaceol (KC)	722	Puckane (PU)	311	Ballyvorheen (BV)					Merge with Cooga? Knockeyon is a minor component	include with 513e Knockboy_2
513b	513a	Rathkenny	Rathkenny (RK)	Fine loamy drift with siliceous stones	311	Kells (KE)	511	UN31 (Ly/San)	712	Gortaclareen (GN)					Merge 513a and 513b	includes RCP 513b, 513f (Ballybrood)
513c	511c	Borrisoleigh	Borrisoleigh (BE)	Fine loamy over mudstone, shale or slate bedrock	311	Clonroche CL)	112	Knockshigowna (KW)	612	Carrickbyrne (CB)	711	Kilrush (KR)			includes steep phase and complexes that have these component soils. Includes Slievecoilta from Wexford and ridge from carlow and mountcollins limerick	includes Carrickbyrne association in Wexford
513d		Knockaceol	Knockaceol (KC)	Coarse loamy over sandstone bedrock	112	Knockeyon (KY)	513	Knockboy (KB)	632	Forth Commons (FC)					Include peaty phase in Tipperary	
513e		Knockboy_2	Knockboy (KB)	Coarse loamy drift with siliceous stones	611	Ballycondon (BN)	711	Newport (NW)	722	Slieve Bloom (SB)					Waterford; Dodard correlated to Slieve Bloom	include with 513a Knockboy_1
514a		Corriga	Corriga (CR)	Fine loamy drift with siliceous stones	611	Meline ??	711	Kilrush (KR)							Leitrim unit; drift derived from greywackes, siltstone, mudstones and shales of Ballyhaise	

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611a		Black Rock Mountain	Black Rock Mountain (BR)	Loamy over gneiss and schist bedrock	611	Stonepark (SP)	112	UN02 (Ly/GN&SC)		Rock (Rk)					Stonepark is over mica schist drift (Leitrim); unnamed ranker/schist bedrock; includes	Black rock mountain in Wexford - in carlow BRM should be renamed as it is a 632/shale (see 632b)
611b	611a	Slievebeag	Slievebeag (SG)	Loamy over shale bedrock												transfer to 632b
612a		Portlaw	Portlaw (PO)	Loamy drift with siliceous stones	513	Borrisoleigh (BE)	513	Knockboy (KB)	611	Ballycondon (BN)					Waterford	
621a		Ahuan	Ahuan (AH)	Loamy drift with siliceous stones	712	Gortaclareen (GN)	611	Drumslig (DS)							Waterford	
631a		Kiladoon	Kiladoon (KD)	Loamy drift with siliceous stones	513	Knockboy (KB)	511	Cooga (CO)	911	Aughty (AT)						
632a		Blackstairs	Blackstairs (BL)	Sandy over granite bedrock	113	Carrigvahanagh (CV)		Rock (Rk)							Carlow and Wexford on blackstairs mountains	
632b		Knockastanna	Knockastanna (KS)	Loamy over shale bedrock	511	Cupidstownhill (CU)	911	Aughty AT)	112	Knockeyon (KY)	712	Gortaclareen (GN)			this is also the black rock mountain in carlow. Puckane (722) also a component	includes 511d Cupidstownhill & 611a Slievebeag
632c		Forth Commons	Forth Commons (FC)	Loamy over sandstone bedrock	911	Aughty (AT)		Rock (Rk)							includes seefin	
632d		Monavullagh	Monavullagh (MV)	Sandy over sandstone bedrock (conglomerate)	632	Glenary (GL)									Waterford. Knockalisheen is Sdy/drift w siliceous stones	
632e		Killinga	Killinga (KA)	Loamy drift with siliceous stones (fine grained sstone till)	511	Ross Carbery (RO)	513	Knockboy (KB)	911	Aughty (AT)	511	Cooga (CO)			includes Rossmore from Laois p218-221. Also includes Reanascreena (W cork) reclaimed version of Killinga now classfied as Knockboy	
632f		Drumsleed	Drumsleed (DS)	Sandy drift with siliceous stones	722	Puckane (PU)	911	Aughty (AT)	632	Killinga (KA)	113	UN				
711a		Macamore	Macamore (MC)	Fine loamy over clayey drift with limestones	721	Kilpierce (KP)	711	UN09 (fLy over Cey/DR_SIL)							seen at vets house in Wexford- should this be undiff gley	
711b		Kilrush	Kilrush (KR)	Fine loamy drift with siliceous stones	712	Gortaclareen (GN)	922	Banagher (BR)	311	Ladestown (LA)	513	Borrisoleigh BE)	911	Auchty (AT)	see notes for soils now classified as Kilrush.	
711c	711d	Drumkeeran	Drumkeeran (DK)	Clayey drift with siliceous stones	712	Cluggin (CG)									small unit but review later	
711d		Straffan	Straffan ST	Fine loamy drift with limestones	723	Mylerstown (MT)	411	Elton (ET)							no profile descriptions. Straffan 65% (+10%), 10% Mylerstown, Elton 10%	
711e		Clohernagh	Clohernagh (CH)	Fine loamy drift with siliceous stones (fragic)	311	Clonroche (CL)									found only in Waterford (so far....) could be rationalised later with Kilrush	
711f		Newport	Newport (NW)	Coarse loamy drift with siliceous stones	722	Slieve Bloom (SB)	513	Knockboy (KB)							Waterford - wet unit	
711g	721c	Tramore	Tramore TR)	Coarse loamy drift with igneous and metamorphic stones	311	Clashmore (CM)	311	Kill (KI)							Dense till of Tramore series is fragic (?), Bulk density of 1.77gcm ³ at 45cm ie SWG	
712a		Gortaclareen_1	Gortaclareen (GN)	Fine loamy drift with siliceous stones	722	Newtown (NT)	822	Camoge (CA)	911	Allen (AE)	513	Knockboy (KB)				
712b		Cluggin	Cluggin (CG)	Clayey drift with siliceous stones	414	Crosstown (CO)										
712c		Howardstown	Howardstown (HN)	Clayey drift with limestones	724	Ballyshear (BS)	411	Patrickswell (PW)	922	Banagher (BR)					includes all Howardstown (inc 712 beta) and Sawyerstown (Kildare)	
712d		Gortaclareen_2	Gortaclareen (GN)	Fine loamy drift with siliceous stones	514	Corriga (CR)	711	Ballyhaise lithic phase (BL)							Ballyhaise-Corriga also includes drumlin complex (Bantry) in W Cork - Ballyhaise has been rationalised to Gortaclareen	
712e		Ballinamoor	Ballinamore (BN)	Fine loamy drift with limestones	711	Straffan (ST)	911	Allen (AE)							includes 712alpha (Raheenduff) and RCP Ballinamore_1 and _2	
712f		Driminidy	Driminidy (DY)	Coarse loamy stoneless drift	911	Aughty (AT)	913	Turbury (TB)	511	Ross Carbery (RO)	913	Turbary (TB)	313	Schull (SH)	till is fine sand and very compact- seperate unit as different from drift with siliceous stones in other areas	includes Bantry complex B from West Cork
712g		Gortaclareen_3	Gortaclareen (GN)	Fine loamy drift with siliceous stones	414	Crosstown (CO)	312	Broadway (BY)								
721a		Kilpierce	Kilpierce (KP)	Fine loamy drift with siliceous stones	721	UN10 (Ly over lithoskeletal SH & SL)	711	UN09 (fLy/Cey DR_SIL)	711	Kilrush (KR)	A	Undifferentiated alluvium (All)			Wexford	
721b		Knockroe	Knockroe (KO)	coarse loamy drift with siliceous stones												
722a	722A	Newtown	Newtown (NT)	coarse loamy drift with igneous and metamorphic stones	722	Puckane (PU)	411	Kellistown (KL)	731	Greenane (GE)					** could be rationalised with Kellistown as the component soils are the same. associated with other coarse textured g/w gleys (Clowater peaty top) and better drained kellistown series	flattish topography and depressions; substrate type same as for Ballywilliam but BS of drift = 100%, but Ballywilliam drift is very acid (pH=5.0)
722b		Puckane_1	Puckane (PU)	Coarse loamy drift with siliceous stones	721	Kilpierce (KP)	712	Gortaclareen (GN)	911	Allen (AE)					includes all Puckane units except association with Slievereagh and Raheenleigh and Oulartleigh	
722c		Puckane_2	Puckane (PU)	Coarse loamy drift with siliceous stones	112	Knockeyon (KY)	311	Clashmore (CM)	513	Knockboy (KB)					Puckane-Slievereagh. Also Gortaclareen (712) needed	
722d		Slieve Bloom	Slieve Bloom SB)	Coarse loamy (upland) drift with siliceous stones	632	Knockastanna KS)	511	Cooga (CO)	911	Aughty (AT)	722	Slieve Bloom undulating phase (SB)			includes Slieve Bloom steep phase; substrate type same as for Puckane but reserved pro tem for Uplands	includes Bawnrush
722e		Ballywilliam	Ballywilliam (BW)	Coarse loamy drift with igneous and metamorphic stones	712	Tramore (TR)	913	Aughty cut-over (ATC)							occurs in valley bottoms on slopes of Blackstairs mountains	also includes Belmont, Ballinrush,Toberbride,Templeshanbo
722f		Puckane_3	Puckane (PU)	Coarse loamy drift with siliceous stones	712	Gortaclareen (GN)	311	Clashmore (CM)							occurs in waterford Puckane lead but with surface water gleys (permeable over impermeable substrate at >80)	unsure whether this should be an undifferentiated Gley??
723a		Mylerstown	Mylerstown (MT)	Fine loamy drift with limestones	911	Allen (AE)	411	Patrickswell (PW)	724	Ballyshear (BS)					Ntipp WMeath are ZL/ZCL adjacent to cutover peat	see notes for rationalised soils
724a	724A	Ballyshear	Ballyshear (BS)	Fine loamy drift with limestones	724	Ballintemple (BT)	723	Mylerstown (MT)	411							

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811a		Clohamon	Clohamon (CN)	Coarse loamy river alluvium	821	Lyre (LY)	812	Rearymore (RY)	821	Vicarstown (VI)					also profile in Laois p190; Vicarstown=Laois profile p188	also includes Liffey in Kildare
812a		Rearymore	Rearymore (RY)	Fine loamy river alluvium	812	Zy RIV ALL (UN13)	811	Zy RIV ALL (UN12)	821	Kilmannock (KK)	811	Clohamon			From Alluviums in Offaly, Laois and Kildare to be reviewed! Kilmannock var is silty/river alluvium	use feale profile from Laois p182
813a	813	Milltownpass	Milltownpass (MP)	Sandy stoneless drift	811	Clohamon (CN)										
820a		Finnery	Finnery (FN)	alluvium											various soils typical & humic gleys + Pollagh soils (Laois)	
821x		River Burren	River Burren (FN)	variable texture river alluvium											rationalise with Boyne?	
821a		Kilmannock	Kilmannock KK)	silty estuarine alluvium											also includes 'slob' in Waterford	
821b		Vicarstown	Vicarstown (VI)	Clayey river alluvium	821	Feale (FA)	821	Kilmannock (KK)								Transfer to 821c Feale
821c		Feale	Feale (FA)	Fine loamy river alluvium	821	Boyne (BO)	821	Vicarstown (VI)								
821d	821b	Kilgory	Kilgory (KG)	Sandy river alluvium	811	Aherlow (AH)										
821e	821d	Boyne	Boyne (BO)	Silty river alluvium	822	cLy_RIV-ALL (UN49)	811	Clohamon	311	UN03 fLy_GRN					Boyne alluvium complex need to find soil names for 822 and 311 components	
821f		Lyre	Lyre (LY)	Coarse loamy river alluvium	811	Clohamon (CN)	822	cLy_RIV-ALL (UN49)								
822a		Coolalough	Coolalough (CL)	clayey lacustrine alluvium	824	Coolanick (CN)									Camoge-Miltownpass; Clayey in Limerick; Fine loamy in WestMeath	Coolalough Fly NTipp profile = Coolanick
822b		Millquarter	Millquarter (MQ)	Fine silty lacustrine alluvium												
822c		Griston	Griston (GR)	Sandy lacustrine alluvium											very small extent only in Limerick, peaty top	
822d		Wexford slob	Wexford slob (WS)	Silty marine alluvium												
822e		Shannon	Shannon (SH)	Fine silty estuarine alluvium	821	Vicarstown (VI)	922	Banagher (BR)	824	Drombanny (DR)					Shannon-Banagher	
822f	822a	Camoge	Camoge (CA)	Clayey river alluvium	822	Coolfin (CF)	822	cLy over CALC_GR (UN50)	813	Milltownpass (MP)					851 ancillary soils need completing	also Polloagh soils in Laois p192 wmeath profile p79 Miltownpass
822g		Coolfin	Coolfin (CF)	Fine silty river alluvium	811	Suir (SU)	921	Kilbarry (KR)	811	Finisk (FI)					waterford - complex association in alluvial positions. Finisk is probably too small to show and could be removed from the assoc.	
823a		Kilmore Slob	Kilmore Slob (KS)	Sandy marine alluvium	823	Kilmore Slob variant (KSV)									Variant is heavier texture	
824a		Drombanny	Drombanny (DR)	Carbonatic-loamy lake marl	823	Dunsany (DU)	212	Carney (CA)								
911a		Allen	Allen (AE)	peat	913	Turbary (TB)	922	Banagher (BR)	912	Garrynamona					Raw peat- raised bog in lowland (oligotrophic)	
911b		Aughty_1	Aughty (AT)	peat	913	Aughty cutover (ATC)	913	Turbary (TB)							Raw peat- blanket bog uplands (oligotrophic)	
911c		Knockmealdown	Knockmealdown (KM)	peat over rock	632	Glenary (GL)	113	Carrigvahanagh							Waterford peat over rock with podzol subsid	
911d		Aughty_2	Aughty (AT)	peat	113	Bantry	632	Killinga	632	Drumsleed peaty phase (DS)		Rock (Rk)			Mountain complex A, B and C and also includes units with Raheen (allen) + Hill & mountain complex C in West Cork	
921a		Pollardstown	Pollardstown (PT)	peat	922	Banagher	913	Gortnamona (GM)								
913a		Turbary	Turbary (TB)	peat	911	Allen (AE)	913	Gortnamona (GM)	912	Garrynamona (GN)	921	Pollardstown (PT)	913	Aughty Cut-over (ATC)	Raw peat cut over (upland)	
913b		Aughty_Cutover	Aughty_Cutover (ATC)	peat (cutover	113	Carrigvahanagh (CV)										
922a		Banagher_1	Banagher (BR)	peat	913	Turbary (TB)	911	Allen (AE)							Earthy eutrophic lowland Fen peat	
922b		Banagher_2	Banagher (BR)	peat & peaty alluvium	922	Ardrum =Banagher (BR)									Ardrum association in Leitrim and Longford, includes peaty silty alluvium	
914a		Clonsast	Clonsast (CS)	peat	913	Turbary (TB)	913	Gortnamona (GM)	911	Allen					Industrial peat - milled and machined	
1011a		Monatray	Monatray (MT)	loamy drift with siliceous stones	1012	Ardmore (AR) = (Schull plaggen - SHP)	1011	Curragh (CU)	1011	Schull plaggen (SHP)					occurs in S Waterford 'plaggen' soils	

Changes in red made Mar-Apr 2011
Changes in blue made Jun-Jly2011
Changes in Green made Aug-Sep 2011
More Changes made Dec 2011
Review Jly 2012

