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**DIRECTORY OF
ACTIVE QUARRIES, PITS, AND MINES IN IRELAND**

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MINERALS SECTION

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1 INTRODUCTION

Following the publication of the 1988 edition of this Quarry Directory it became apparent that there was a demand for such a Directory from planners, economists, engineers, geologists, and sales representatives, as well as from consumers and producers of natural materials. To meet this demand the Geological Survey is pleased to announce the publication of a second comprehensive edition containing an enhanced level of information.

1.1 Introduction to the second edition.

This, the second edition of the Geological Survey Quarry Directory, now includes information on active quarries, pits and mines in Ireland. This new edition has been completely updated to give a more detailed description for each operation. This additional information includes: the nearest significant town to the operation, a geological description, specifications for each product, approximate scale of output and telephone and fax numbers for enquiries where available. We are particularly grateful to operators who have supplied us with extra data.

All the operations listed are indexed and arranged under: rock type, product type, operator and quarry number. The location of the quarries, pits and mines listed are shown on Maps 1, 2 and 3. at the back of the Directory.

Fourteen percent of the 196 operations listed in this edition are new. Since the first edition in 1988 however, 19% of the 256 quarries and pits then listed are known to have ceased operation. A further 15% have not responded to our enquiries and may be closed or only sporadically active. Only operations from which we have received a response have been included in the Directory. The omission of an operation from this Directory does not necessarily mean that it is no longer in operation.

1.2 Compilation of the directory.

Compilation of this edition of the Quarry Directory is based on two mail-shots (June and November 1993). As the response to these was low, all remaining operations were then contacted by telephone. The response to the telephone survey was positive and existing entries were up-dated and new entries were made.

There are probably many more active quarries and pits in Ireland of which the Geological Survey of Ireland has no records or information and hence are not listed in this directory. These however can be added to the records at any time should the operators wish to contact the Geological Survey. It is stressed that all the information in this directory has been supplied or approved by the quarry, pit and mine operators; except for minor editorial changes and changes in format it has not been altered in any way by the Geological Survey and **responsibility for the accuracy of the entries rests**

with the owners/operators. Any errors in transcription however are the responsibility of the compilers.

1.3 Key to the format of entries.

The entries are listed by county then alphabetically by quarry, pit or mine name. The level of detail for each entry listed is dependent on the amount of information disclosed by the owner/operator. For each entry the information given falls into the following categories.

Quarry/Pit/Mine name, townland and county: The quarry/pit/mine name is that given by the owner. The townland name is that given on the Ordnance Survey 6" maps which is sometimes spelt differently than in local usage.

Quarry number: This number has been created in order to index the data and identify the operations on Maps 1, 2 and 3. In general the quarry numbers will be found to follow the sequence in which the quarry descriptions appear.

Nearest significant town: The largest town in the vicinity of the quarry is given in order to assist with locating the quarry when using a road map.

National grid reference: The first number of the easting and northing are the numeric equivalent of the grid zone, thus S (2)6880 (1)5470 may be read as S 6880 5470.

Operator: Name and address of owner/operator including telephone and fax numbers when supplied.

Enquiries: Name and address for enquiries including telephone and fax numbers when supplied.

Rock type. This is the rock type as listed in the Rock Type Index.

Geological description (if available). This has been provided either by the operator or a geologist who has visited the operation. The geological descriptions are intended for use by consultant geologists and engineers requiring this level of information.

Products: This category includes the products listed for each operation. They are cross referenced in the Products index.

Specifications: This category includes details of the products listed. This covers sizes and dimensions, colour, appearance, physical properties, chemical properties and DOE standards.

Scale of operation: an approximate indication of the current scale or capacity of the operation.

Abbreviations:

AAV	Aggregate Abrasion Value
ACV	Aggregate Crushing Value
AIV	Aggregate Impact Value
BS	British Standard
DIN	Deutsche Industrie Normen (German Industrial Standards)
DOE	Department of Environment
PSV	Polished Stone Value
SG	Specific Gravity
tpa	tonnes per annum
TNV	Total Neutralising Value
WA	Water Absorption

1.4 Acknowledgements.

A number of people have been involved in work on this Directory. We would particularly like to thank: Mel Howes for her work in setting up the original database and indices, Mary Carter and Conor MacDermot for computer support, Malcolm Dowling for his help with the mailshots, and to Catriona Quinn for establishing the GIS system on which the location maps are based and for preparing the maps.

2.1 CO. CARLOW

BALLYELLEN LIMESTONE FLOUR WORKS,
Ballyellin, Co. Carlow.

Quarry no: 1

National grid reference: S (2)6880 (1)5470.

Nearest significant town: Goresbridge.

Operator: Quarries Operations Greencore. Tel: 0504/41254. Fax: 0504/41236.

Enquiries to: James Kenny, Ballyellen Limestone Flour Works, Goresbridge, Co. Kilkenny. Tel: 0503/75177. Fax: 0503/75164.

Rock type: Limestone. **Geological description:** Dolomitic Carboniferous limestone.

Products: Ground limestone for agriculture and road making materials.

Specifications: Colour - light grey to black. Sizes - up to 150mm. Chemical properties - MgCO₃ content 32% to 44%.

Scale of operation: up to 100,000tpa.

CLOGRENNANE QUARRY,
Raheendoran, Co. Carlow.

Quarry no: 2

National grid reference: S (2)6885 (1)7206.

Nearest significant town: Carlow.

Operator: Clogrennane Lime Limited, Co. Carlow. Tel: 0503/31811. Fax: 0503/31607.

Enquiries to: Leo Grogan, Managing Director, Clogrennane Lime Limited, Co. Carlow. Tel: 0503/31811. Fax: 0503/31607.

Rock type: Limestone. **Geological description:** High calcium Carboniferous limestone.

Products: Calcium oxide (quicklime), calcium hydroxide (hydrated lime) and lime putty.

JAMES WALSH QUARRY,
Bannagagole, Co. Carlow.

Quarry no: 3

National grid reference: S (2)6620 (1)6430.

Nearest significant town: Leighlin Bridge.

Operator: Stone Developments Ltd, James Walshe Quarries, Old Leighlin, Co. Carlow. Tel: 0503/21227. Fax: 0503/21607.

Enquiries to: James Walshe Quarry, Old Leighlin. Tel: 0503/21227. Fax: 0503/21607.

Rock type: Limestone. **Geological description:** Lower Carboniferous Limestone.

Products: Dimension stone used for cladding, ashlar, tiles, slabs and monumental uses.

Specifications: Colour - blue. Composition - micrite 40%, sparite 30%, shell debris 30%. Physical properties - salt crystallisation test - A, porosity 0.6%, adsorption 0.54%, saturation co-efficient 0.89%.

Scale of operation: 50,000 to 70,000tpa.

KILDAVIN PIT,

Quarry no: 4

Kildavin, Co. Carlow.

National grid reference: S (2)8900 (1)5900.

Nearest significant town: Kildavin.

Operator: Kildavin Concrete Products Ltd., Kildavin, Co. Carlow. Tel: 054/477408.

Enquiries to: Michael Deane Snr., Main Street, Bunclody, Co. Wexford. Tel: 054/477408.

Rock type: Sand and gravel.

Products: Ready-mix concrete, concrete blocks, sand, gravel and road making aggregates.

LIAM CONWAY AND SONS LTD.

Quarry no: 5

Kildavin, Co. Carlow.

National grid reference: S (2)8930 (1)5910.

Nearest significant town: Bunclody.

Operator: Liam Conway and Sons Ltd, Kildavin, Bunclody, Co. Wexford. Tel: 054/77223, 054/77711. Fax: 054/77223.

Enquiries to: James or P.J Conway, Directors of Liam Conway and Sons Ltd. Tel: 054/77223, 054/77711. Fax: 054/77223.

Rock type: Sand and gravel.

Products: Washed limestone sand and gravel, chippings, stones for drainage, filling, hardcore and road making materials.

Specifications: Aggregate sizes - rounded pebbles 50mm, 30mm, 20mm, 12mm and 6mm. Broken stone 2" down, 20mm, 12mm and dust.

Scale of operation: approximately 25,000tpa.

2.2 CO. CAVAN

AUGHRIM QUARRY,
Aughrim, Co. Cavan.

Quarry no: 6

National grid reference: H (2)2700 (3)2100.

Nearest significant town: Ballyconnell.

Operator: Sean Quinn Group Limited, Derrylin, Co. Fermanagh, BT92 9AU. Tel: 03657/48866. Fax: 03657/48800.

Enquiries to: Sean Quinn Group Limited, Derrylin, Co. Fermanagh, BT92 9AU. Tel: 03657/48866. Fax: 03657/48800.

Rock type: Limestone. *Geological description:* Carboniferous limestone.

Products: Limestone.

Scale of operation: > 500,000tpa.

CLARKE'S QUARRY,
Cavanarainy, Co. Cavan.

Quarry no: 7

National grid reference: H (2)4950 (3)1040.

Nearest significant town: Cavan.

Operator: Clarke Quarries Ltd., Drung, Co. Cavan. Tel: 049/38162, 049/38174. Fax: 049/38319.

Enquiries to: Philip Hayes, Manager, Clarke's Quarry. Tel: 049/38162, 049/38174. Fax: 049/38319.

Rock type: Greywacke. *Geological description:* Lower Palaeozoic greywacke.

Products: Ready-mix concrete and concrete blocks. Tarmacadam and asphalt. Road aggregates. Paving brick. All grades of broken stone.

TAGHART QUARRY,
Taghart South, Co. Cavan.

Quarry no: 8

National grid reference: H (2)7300 (3)0000.

Nearest significant town: Kingscourt/Bailieboro.

Operator: O'Reilly Bros. Ltd., Kingscourt, Co. Cavan. Tel: 042/67237. Fax: 042/67311.

Enquiries to: O'Reilly Bros., Kingscourt, Co. Cavan. Tel: 042/67237. Fax: 042/67311.

Rock type: Whinstone. *Geological description:* Lower Palaeozoic greywacke.

Products: Crushed stone, chippings, road surfacing aggregate, concrete blocks, ready-mix concrete, sand and gravel, concrete blocks, capping-kerbs-slabs, paving bricks.

Specifications: Aggregate sizes - 3/8", 1/2", 1", 1 1/2", 2", 3", 4". DOE clause 804. Physical properties - PSV 65. Colour - blue.

Scale of operation: 250,000tpa.

2.3 CO. CLARE

BALLYCAR QUARRY,
Ballycar North, Co. Clare.

Quarry no: 9

National grid reference: R (1)5500 (1)6400.

Operator: Donal McKenna, Gallows View, Bunratty East, Newmarket-on-Fergus, Co. Clare. Tel: 061/369125.

Rock type: Shale.

Products: Shale.

BALLYQUIN PIT,
Ballyquin More, Co. Clare.

Quarry no: 10

National grid reference: R (1)6260 (1)6940.

Nearest significant town: O'Briensbridge.

Operator: Roadstone Provinces Ltd, Mid West Regional Office, Bunratty, Co. Clare. Tel: 061/361577. Fax: 061/361742.

Enquiries to: Ballyquin Pit, Ballyquin, Co. Clare. Tel: 061/377127.

Rock type: Sand and gravel. *Geological description:* Glacial sand and gravel, quartz greywacke predominates.

Products: Concrete aggregate, road aggregate, washed sand.

Specifications: Physical properties - PSV 64, AAV 10, SG 2.58. Si content 65%.

Scale of operation: 250,000 - 500,000tpa.

BUNRATTY QUARRY,
Bunratty West, Co. Clare.

Quarry no: 11

National grid reference: R (1)4420 (1)6140.

Nearest significant town: Shannon.

Operator: Roadstone Provinces Ltd, Mid West Regional Office, Bunratty, Co. Clare. Tel: 061/361577. Fax: 061/361742.

Enquiries to: Quarry Manager, Bunratty Quarry. Tel: 061/361577. Fax: 061/361742.

Rock type: Limestone. *Geological description:* Siliceous argillaceous Carboniferous Limestone.

Products: Limestone aggregate, concrete, precast concrete products, ready-mix mortar, asphalt, bitumen macadam.

Specifications: Physical properties - AAV 9, PSV 62, SG 2.7. Aggregate sizes - 300mm down, 3mm down, single size and combinations of 150mm, 100mm, 40mm, 28mm, 20mm, 14mm, 10mm, 6mm.

Scale of operation: 500,000 - 1Mtpa.

CLIFF QUARRY,

Quarry no: 12

Lismulbreeda, Co. Clare.

National grid reference: R (1)2745 (1)7138.

Nearest significant town: Ennis.

Operator: Clare County Council, New Road, Ennis, Co. Clare. Tel: 065/21616. Fax: 065/28233.

Enquiries to: R. Gill, Executive Engineer, Machinery Section. Tel: 065/21616. Fax: 065/28233.

Rock type: Sandstone. **Geological description:** Sandstone of Carboniferous Millstone Grit Series.

Products: Aggregates and road chippings.

Specifications: Physical properties - PSV 62, ACV 15, AAV 4.4, SG 2.66 and water absorption 0.3 to 0.4. Aggregate sizes - 8mm, 10mm, 12mm, 14mm, 16mm, 20mm. DOE Clause 804 and 810.

Scale of operation: 50,000tpa.

DERREEN QUARRY,

Quarry no: 13

Derreen, Co. Clare.

National grid reference: R (1)0370 (1)9025.

Nearest significant town: Liscannor.

Operator: Liscannor Stone Co. Ltd., Doolin, Co. Clare. Tel: 065/74078 065/74077. Fax: 065/74077.

Enquiries to: P. J. Ryan, Liscannor Stone Company Limited, Luogh, Doolin, Co. Clare. Tel: 065/74077 065/74078. Fax: 065/74077.

Rock type: Sandstone. **Geological description:** Sandstone of Carboniferous Flagstone Series.

Products: Flagstone, crazy paving, squared/unsquared flags.

Specifications: Blue/black fossil patterned appearance. Sizes - 20-50mm thick, up to 2m x 1m, larger available.

KINEILTY QUARRY,

Quarry no: 14

Kineilty, Co. Clare.

National grid reference: R (1)0292 (1)9026.

Nearest significant town: Liscannor.

Operator: Liscannor Stone Co. Ltd., Doolin, Co. Clare. Tel: 065/74077 065/74078. Fax: 065/74077.

Enquiries to: P. J. Ryan. Tel: 065/74077 065/74078. Fax: 065/74077.

Rock type: Sandstone. **Geological description:** Sandstone of Carboniferous Flagstone Series.

Products: Flagstone, crazy paving, squared/unsquared flags.

Specifications: Appearance - blue/black fossil patterned. Size - 20 to 50mm thick and up to 2m x 1m, larger available.

LUOGH QUARRY.

Quarry no: 15

Luogh South, Co. Clare.

National grid reference: R (1)0530 (1)9353.

Nearest significant town: Liscannor.

Operator: Liscannor Stone Co. Ltd., Luogh, Doolin, Co. Clare. Tel: 065/74078
065/74077. Fax: 065/74077.

Enquiries to: Liscannor Stone Co. Ltd., Luogh, Doolin, Co. Clare. Tel: 065/74077
065/74078. Fax: 065/74077.

Rock type: Sandstone. **Geological description:** Sandstone of Carboniferous Flagstone Series.

Products: Split and pitched faced walling stone. Fireplaces and stone tables.

Specifications: High silica sandstone, blue grey stone with some brown coloured blocks. Sizes - 3" to 9" high, 4" to 5" wide on bed .

MCGRATH LIMESTONE QUARRY.

Quarry no: 16

Fortane More, Co. Clare.

National grid reference: R (1)5300 (1)8100.

Nearest significant town: Tulla.

Operator: McGrath Bros. (O'Callaghan Mills) Ltd., Fortane, O'Callaghan Mills, Co. Clare. Tel: 065/25125. Fax: 065/25489.

Enquiries to: Joe McGrath, McGrath Limestone Quarry. Tel: 065/25125. Fax: 065/25489.

Rock type: Limestone. **Geological description:** Carboniferous limestone.

Products: Aggregates, agricultural magnesium ground limestone.

Specifications: Aggregates sizes - 1/2" down, 1 1/2" down, 3" down, 1 1/2" clean, 2" clean, 4" clean.

Scale of operation: approximately 50,000tpa.

TOONAGH QUARRY,

Quarry no: 17

Ballybrody, Co. Clare.

National grid reference: R (1)3030 (1)8400.

Nearest significant town: Ennis.

Operator: Ryan Bros. (Ennis) Ltd. Toonagh Quarry Works, Ennis, Co. Clare. Tel: 065/27644. Fax: 065/27047.

Enquiries to: Ryan Bros. (Ennis) Limited, Toonagh Quarry, Ennis, Co. Clare. Tel: 065/27644. Fax: 065/27047.

Rock type: Limestone. **Geological description:** Carboniferous Limestone.

Products: Aggregates, hardcore, chippings - all sizes. Materials for building and road construction, drainage and concrete products.

Scale of operation: > 100,000tpa.

2.4 CO. CORK

BALLYBEG QUARRY,
Ballybeg West, Co. Cork.

Quarry no: 18

National grid reference: R (1)5400 (1)0730.

Nearest significant town: Buttevant.

Operator: Quarries Operations Greencore, Killough Quarry, Thurles, Co. Tipperary.
Tel: 0504/41254. Fax: 0504/41236.

Enquiries to: Philip Cotter, Manager, Ballybeg Quarry, Buttevant, Co. Cork. Tel:
021/23160. Fax: 022/23513.

Rock type: Limestone. *Geological description:* Carboniferous limestone.

Products: Agricultural ground limestone, road aggregates of all sizes, wet mix macadam.

Specifications: Chemical composition - CaCO₃ 85-95%, MgCO₃ 2-10%

Scale of operation: up to 200,000tpa.

BALYGARVAN QUARRY,
Killanully, Co. Cork.

Quarry no: 19

National grid reference: W (1)6950 (0)6370.

Operator: John A. Wood Ltd., Carrigrohane Road, Victoria Cross, Cork. Tel:
021/542821.

Enquiries to: John A. Wood Ltd., Ballygarvan Quarry. Tel: 021/888211.

Rock type: Limestone. *Geological description:* Carboniferous reef limestone.

Products: Crushed stone, hardcore, agricultural limestone, ready-mix concrete.

BALYGARVAN SANDSTONE QUARRY,
Killanully, Co. Cork.

Quarry no: 20

National grid reference: W (1)6930 (0)6430.

Operator: John A. Wood Ltd., Carrigrohane Road, Victoria Cross, Cork. Tel:
021/542821.

Enquiries to: John A. Wood Ltd., Ballygarvan Quarry. Tel: 021/888248.

Rock type: Sandstone.

Products: Rock filling.

CARRIGALINE QUARRY,
Coolmore, Co. Cork.

Quarry no: 21

National grid reference: W (1)7670 (0)6270.

Operator: John A. Wood Ltd., Carrigrohane Road, Victoria Cross, Cork. Tel: 021/542821.

Enquiries to: John A. Wood Ltd., Ballygarvan Quarry. Tel: 021/888211.

Rock type: Limestone. *Geological description:* Carboniferous limestone.

Products: Run of quarry, filling.

CARRIGTWOHILL QUARRY,
Ballyvodock West, Co. Cork.

Quarry no: 22

National grid reference: W (1)8480 (0)7240.

Operator: John A. Wood Ltd, Carrigrohane Road, Victoria Cross, Cork. Tel: 021/542821.

Enquiries to: John A. Wood Ltd., Carrigtwohill Quarry. Tel: 021/883214.

Rock type: Limestone. *Geological description:* Carboniferous reef limestone.

Products: All sizes of chippings, graded aggregates, hardcore, agricultural limestone, burnt lime, superfine lime, ready-mix concrete and concrete blocks.

CASTLEMORE QUARRY,
Castlemore, Co. Cork.

Quarry no: 23

National grid reference: W (1)4420 (0)6640.

Nearest significant town: Macroom, Crookstown.

Operator: Castlemore Quarries Ltd., Castlemore, Crookstown, Co. Cork. Tel: 021/336336. Fax: 021/336404.

Enquiries to: Mr. P. Creedon, Castlemore Quarries Ltd. Tel: 021/336336. Fax: 021/336404.

Rock type: Limestone. *Geological description:* Carboniferous reef limestone.

Products: Road construction aggregates, all sizes of graded aggregates, agricultural ground lime, superfine calcium carbonate fillers, mineral fillers, industrial granules, textured grit. Castlemore facing bricks and pavers, precast concrete products and ready-mix concrete.

Specifications: Chemical composition - CaCO₃ 97.9% MgCO₃ 1.2%

Scale of operation: > 250,000 tpa.

CLASHANURE PIT,
Clashanure, Co. Cork.

Quarry no: 24

National grid reference: W (1)5130 (0)7250.

Nearest significant town: Cork.

Operator: Finbarr O'Neill, Clashanure, Ovens, Co. Cork. Tel: 021/871933.

Enquiries to: Finbarr O'Neill, Poulavone, Ballincollig, Co. Cork. Tel: 021/871933.

Rock type: Sand and gravel. **Geological description:** Gravel ridge.

Products: Natural sand and gravel.

Scale of operation: Approximately 80,000tpa.

CLASSES PIT,
Classes, Co. Cork.

Quarry no: 25

National grid reference: W (1)5600 (0)7000.

Operator: John A. Wood Ltd., Carrigrohane Rd, Victoria Cross, Cork. Tel: 021/542821.

Enquiries to: John A. Wood Ltd., Classes, Ovens. Tel: 021/871291.

Rock type: Sand and gravel. **Geological description:** Sand and gravel.

Products: Washed sand, washed graded aggregates, concrete blocks, precast products, cattle slats, tarmac and asphalt.

ELLIS QUARRY,
Carrigtohill, Co. Cork.

Quarry no: 26

National grid reference: W (1)8200 (0)7300.

Nearest significant town: Carrigtwohill.

Operator: Ready-mix (South-west) Ltd., Poulavone, Ballincollig, Co. Cork. Tel: 021/870666. Fax: 021/871563.

Enquiries to: Owen Lynch. Tel: 021/870666. Fax: 021/871563.

Rock type: Limestone Sand and gravel.

Products: Washed and graded aggregate suitable for the production of bituminous products, surface dressing and the production of concrete products.

Specifications: Aggregate sizes - 100mm down, 40mm, 28mm, 20mm, 14mm, 10mm, 6mm. DOE Clause 503 and 505B. Physical properties - PSV 64.

GARRYHESTA PIT,
Knockanemore, Co. Cork.

Quarry no: 27

National grid reference: W (1)5300 (0)6970.

Operator: John A. Wood Ltd., Carrigrohane Road, Victoria Cross, Cork. Tel: 021/542821.

Enquiries to: John A. Wood Ltd., Garryhesta Pit. Tel: 021/871160.

Rock type: Sand and gravel.

Products: Washed concreting and plastering sand, washed and graded chippings for concrete and road surfacing, hardcore, walk gravel and ready-mix concrete.

KILLEADY QUARRY,
Coolatooder, Co. Cork.

Quarry no: 28

National grid reference: W (1)5700 (0)6170.

Operator: John A. Wood Ltd., Carrigrohane Rd, Victoria Cross, Cork. Tel: 021/542821.

Enquiries to: John A. Wood Ltd., Killeady Quarry . Tel: 021/885176.

Rock type: Sandstone. *Geological description:* Sandstone/Lower Carboniferous shale.

Products: Road chips and various grades of hard core and filling.

LEAHILL QUARRY,
Roosk, Co. Cork.

Quarry no: 29

National grid reference: V (0)8670 (0)4840.

Nearest significant town: Adrigole.

Operator: Wimpey Fleming Quarries Ltd., Leahill Quarry, Adrigole, Beara, Co. Cork. Tel: 027/60085. Fax: 027/60139.

Enquiries to: Mr Deryck Allison, General Manager, Leahill Quarry, Beara, Adrigole, Co. Cork. Tel: 027/60085. Fax: 027/60139.

Rock type: Sandstone. *Geological description:* Thick silicious sandstone of Lower Carboniferous age.

Products: Aggregates to BS Standards and DIN specifications.

Specifications: Physical properties - PSV 63, AAV 4.1, ACV 15, AIV 14.0, SG 2.70, water absorption 0.4, 10% fines 260 kN.

Scale of operation: 850,000tpa.

LOWER GARRYHESTA PIT,
Garryhesty, Co. Cork.

Quarry no: 30

National grid reference: W (1)5250 (0)6820.

Operator: John A Wood Ltd., Carrigrohane Road, Victoria Cross, Cork. Tel: 021/542821.

Enquiries to: John A. Wood Ltd., Garryhesta Pit. Tel: 021/871160.

Rock type: Sand and gravel.

Products: Washed concreting and plastering sand, washed and graded chippings for concrete and road surfacing, hardcore and walk gravel.

MALLOW QUARRY,
Lackanamona, Co. Cork.

Quarry no: 31

National grid reference: W (1)5950 (0)9970.

Operator: John A. Wood Ltd., Carrigrohane Road, Victoria Cross, Cork. Tel: 021/542821. *Enquiries to:* John A. Wood Ltd., Mallow Quarry. Tel: 022/42173.

Rock type: Limestone. *Geological description:* Carboniferous reef limestone.

Products: All sizes of limestone chippings, hardcore. Agricultural limestone, ready-mix concrete and concrete blocks, tarmac and asphalt.

BALLYHIERNAN QUARRY,
Ballyhiernan, Co. Donegal.

Quarry no: 38

National grid reference: C (2)1760 (4)4350.

Operator: Donegal Granite Ltd, Ballyhiernan, Kindrum, Co. Donegal. Tel: 074/59016.

Enquiries to: Patrick Carr, Ballyhiernan, Kindrum, Co. Donegal . Tel: 074/59016.

Rock type: Granite. *Geological description:* Granite-part of Fanad pluton.

Products: Building and dimension stone suitable for monumental, cladding, paving, houses fronts, shop fronts.

Specifications: Colour - Silver-grey, red or pink granite. Block size - 2m x 1m x 1m (larger if necessary).

BALLYMAGROARTY QUARRY,
Ballymagroarty Irish, Co. Donegal.

Quarry no: 39

National grid reference: G (1)9060 (3)6770.

Operator: P. McCaffrey & Sons Ltd., Ballymagroarty Quarries, Ballintra, Co. Donegal. Tel: 073/34036 or 073/34200.

Enquiries to: Adrian Britton, Manager. Tel: 073/34036 or 073/34200.

Rock type: Limestone. *Geological description:* Carboniferous limestone.

Products: Tarmacadam, ready-mix concrete, wet mix macadam, road materials and chippings, limestone dust. Other activities: Hire of excavators, rollers etc.

Specifications: Aggregate sizes - 1/4", 3/8", 1/2" and 3/4". DOE Clause 804.

BIRDSTOWN PIT,
Birdstown Demesne, Co. Donegal.

Quarry no: 40

National grid reference: C (2)4200 (4)2500.

Operator: J. Barr & Sons Manufacturers Ltd., Burnfoot, Bridgend, Co. Donegal.

Enquiries to: Patrick Barr. Tel: 077/68102, 077/68275.

Rock type: Sand and gravel. *Geological description:* Natural gravel deposit.

Products: Concrete blocks - 18" x 19" x 4", 18" x 9" x 6", 18" x 11" x 4", bricks, readymix concrete, concrete drainage pipes - 150mm, 225mm, 300mm, 450 mm, 600mm, hydraulically pressed road kerbs and sand and gravel.

CASHEL QUARRY,
Cashel, Co. Donegal.

Quarry no: 41

National grid reference: C (2)5050 (4)4600.

Nearest significant town: Carndonagh.

Operator: Roadstone Provinces Ltd, North West Regional Office, Two Mile Ditch, Co. Galway. Tel: 091/753509. Fax: 091/752199.

Enquiries to: Manager, Foden Works, Carndonagh, Co. Donegal. Tel: 077/74114.

Rock type: Limestone. **Geological description:** Dalradian Limestone, siliceous marble.

Products: Aggregate ex quarry. Agricultural ground limestone ex Foden Works.

Specifications: Physical properties - TNV 90, SG 2.72. Aggregate sizes - 300mm down, 75mm, 50mm, 20mm. Agricultural limestone - 3mm down.

Scale of operation: < 250,000tpa.

CASSIDY'S PIT,
Fawnmore, Co. Donegal.

Quarry no: 42

National grid reference: B (1)9800 (4)3500.

Nearest significant town: Falcarragh.

Operator: Cassidy Bros. Concrete Products Falcarragh Ltd, Fawnmore, Falcarragh, Co. Donegal. Tel: 074/35253. Fax: 074/35324.

Rock type: Sand and gravel.

Products: Sand and gravel.

CLOCH DHUN NA NGALL TEO,
Loughnalughramann, Co. Donegal.

Quarry no: 43

National grid reference: G (1)6530 (3)8900.

Nearest significant town: Ardara.

Operator: Hugh Gavigan, Maghera, Ardara, Co. Donegal. Tel: 075/41392. Fax: 075/41392.

Enquiries to: John Gavigan, Sales Manager. Margaret Doherty. Tel: 075/41392. Fax: 075/41392.

Rock type: Quartzite. **Geological description:** Dalradian laminated coloured quartzites.

Products: Dimension stone. Cladding and paving stone.

Specifications: Colour - brown, grey, green, grey. Block size - 450mm x 450mm x 12mm, 350mm x 350mm x 12mm, 250mm x 250mm x 12mm.

Scale of operation: up to 2500tpa.

DOOHERY QUARRY, Quarry no: 44
Clouherachullion, Co. Donegal.
National grid reference: B (1)8560 (4)0480.
Nearest significant town: Doohery.
Operator: Feely and Sons Ltd, Boyle, Co. Roscommon. Tel: 079/62066. Fax: 079/62894.
Enquiries to: Feely and Sons Ltd, Boyle, Co. Roscommon. Tel: 079/62066. Fax: 079/62894.
Rock type: Granite.
Products: Granite dimension stone.
Specifications: Block size - 1.50cm x 100cm x 100cm. Colour - pink.
Scale of operation: approximately 100 tpa.

DRIMAGHEY QUARRY, Quarry no: 45
Aghayeevoge, Co. Donegal.
National grid reference: G (1)7340 (3)7990.
Nearest significant town: Killybegs.
Operator: The Glen Stone Co. Ltd., Killybegs, Co. Donegal. Tel: 073/31188 073/31521.
Enquiries to: Patrick McCloskey or Joseph McCloskey, Donegal Road, Killybegs, Co. Donegal. Tel: 073/31521.
Rock type: Quartz Whinstone.
Products: Most sizes of road aggregates and surface dressing chippings.
Specifications: Physical properties - PSV 62, AAV 2.8 - 4.6, ACV 13 - 17.

GLEN SAMON, Quarry no: 46
Drumlackagh, Co. Donegal.
National grid reference: C (2)1100 (4)3071.
Operator: Feely and Sons Ltd, Boyle, Co. Roscommon. Tel: 079/62066. Fax: 079/62894.
Enquiries to: Feely and Sons Ltd, Boyle, Co. Roscommon. Tel: 079/62066. Fax: 079/62894.
Rock type: Granite.
Products: Granite dimension stone.
Specifications: Block size - 2.5m x 1m x 1.3m. Colour - pink with black banding.
Scale of operation: 1000tpa.

GRANAGHAN'S QUARRY,

Quarry no: 47

Ardfarn, Co. Donegal.

National grid reference: G (1)8260 (3)5770.

Operator: P. McCaffrey & Sons Ltd., Ballymagroarty Quarries, Ballintra, Co. Donegal.
Tel: 072/41458.

Enquiries to: Ed McCaffrey, Manager. Tel: 072/41458.

Rock type: Sandstone. *Geological description:* Carboniferous sandstone.

Products: Aggregate.

Specifications: Physical properties - PSV 68, ACV 16.4, AAV 6.4.

GRANSHA NO. 1 PIT,

Quarry no: 48

Gransha, Co. Donegal.

National grid reference: C (2)3600 (4)3200.

Nearest significant town: Buncrana.

Operator: Cassidy Bros. Concrete Products Ltd., Gransha, Buncrana, Co. Donegal. Tel:
077/61777. Fax: 077/61972.

Enquiries to: Cassidy Bros. Concrete Products Ltd., Gransha, Buncrana, Co. Donegal.
Tel: 077/61777. Fax: 077/61972.

Rock type: Sand and gravel.

KILTOLE QUARRY,

Quarry no: 49

Kiltole, Co. Donegal.

National grid reference: C (2)2250 (4)0130.

Nearest significant town: Letterkenny.

Operator: Mr. A.S. Ballantine, Kiltole, Convoy, Co. Donegal. Tel: 074/47202.

Enquiries to: Stanley Ballantine, Quarry Manager. Tel: 074/47202, 08054/8825979
(after hours)

Rock type: Limestone. *Geological description:* Dalradian limestone.

Products: Stones, chippings, quarry rubble and limestone dust. Road making and land
drainage materials.

Specifications: Aggregate sizes - 3/8", 3/4", 1 1/2", 2", 4", 6".

Scale of operation: approximately 40,000tpa.

KNOCKYBRIN QUARRY,

Quarry no: 50

Knockybrin, Co. Donegal.

National grid reference: C (2)1920 (4)1560.

Nearest significant town: Letterkenny.

Operator: Maye Concrete Ltd., Wine Street, Sligo, Co. Sligo. Tel: 071/62248. Fax:
071/69582.

Enquiries to: Sean McQuaid or A. McGlone, Wine Street, Sligo. Tel: 071/62248. Fax:
071/69582.

Rock type: Quartzite. *Geological description:* Dalradian quartzite.

Products: Crushed stone suitable for roadmaking.

LAGHY QUARRY,

Quarry no: 51

Carrick East, Co. Donegal.

National grid reference: G (1)9410 (3)7390.

Nearest significant town: Donegal Town.

Operator: Maye Concrete Ltd., Wine Street, Sligo, Co. Sligo. Tel: 071/62248. Fax: 071/69582.

Enquiries to: Sean McQuaid or Andy McGlone, Wine Street, Sligo . Tel: 071/62248. Fax: 071/69582.

Rock type: Limestone. **Geological description:** Carboniferous limestone.

Products: Crushed rock suitable for roadmaking materials. Also readymixed concrete and mortar. Concrete blocks. Concrete Pavers. Concrete kerbs. Bituminous products supplied and placed.

Specifications: DOE Clause 803, 804, 810, 616.

MOUNTCHARLES QUARRY,

Quarry no: 52

Mountcharles, Co. Donegal.

National grid reference: G (1)8600 (3)7800.

Nearest significant town: Donegal Town.

Operator: Dan McMonagle and Sons, Mountcharles, Co. Donegal. Tel: 073/35061. Fax: 073/35408.

Enquiries to: Dan McMonagle, Mountcharles, Co. Donegal. Tel: 073/35061. Fax: 073/35408.

Rock type: Sandstone.

Products: Sawn strips, architectural stone, tiles and uncut flagstones for crazy paving in various thicknesses.

Scale of operation: up to 50,000tpa.

RINMORE QUARRY,

Quarry no: 53

Rinmore, Co. Donegal.

National grid reference: C (2)1950 (4)4550.

Operator: Donegal Granite Ltd., Callentar Granite Works, Ballyhiernan, Kindrum, Co. Donegal.

Enquiries to: Patrick Carr, Ballyhiernan, Kindrum, Co. Donegal. Tel: 074/59016.

Rock type: Granite. **Geological description:** Granite - part of Fanad pluton.

Products: Granite building and dimension stone used for cladding, shop fronts, paving and monumental stone.

Specifications: Colour - silver-grey, red or pink granite. Block size - 2m x 1m x 1m (larger if necessary).

UPPER GRANSHA NO. 2,

Quarry no: 54

Upper Gransha, Co. Donegal.

National grid reference: C (2)3600 (4)3000.

Nearest significant town: Buncrana.

Operator: Cassidy Bros. Concrete Products Ltd., Gransha, Buncrana, Co. Donegal. Tel: 077/61777. Fax: 077/61972.

Rock type: Shale, Sandstone. **Geological description:** Grits and slates of the Fahan group.

Products: Shale and sandstone.

2.6 CO. DUBLIN

BARNACULLIA QUARRY,
Barnacullia, Co. Dublin.

Quarry no: 55

National grid reference: O (3)1790 (2)2420.

Nearest significant town: Sandyford.

Operator: James Murphy & Sons Ltd., Murphystown Road, Sandyford, Co. Dublin.
Tel: 01/2956006. Fax: 01/2953694.

Enquiries to: James Murphy and Sons Ltd., Murphystown Road, Sandyford, Co. Dublin. Tel: 01/2956006, 01/2955078. Fax: 01/2953694.

Rock type: Granite.

Products: Granite suitable for building, monumental and ecclesiastical work.
Availability: Up to 4 tons in weight. Large quantities available.

Specifications: Colour - blue/grey.

BELGARD QUARRY,
Cheeverstown, Co. Dublin.

Quarry no: 56

National grid reference: O (3)0657 (2)2874.

Nearest significant town: Tallaght.

Operator: Roadstone Dublin Ltd, Fortunestown, Tallaght, Dublin 24, Co. Dublin. Tel: 01/4525555. Fax: 01/4525578.

Enquiries to: Quarry Manager, Belgard Quarry. Tel: 01/4525555. Fax: 01/4525578.

Rock type: Limestone. *Geological description:* Siliceous argillaceous limestone of the Calp Series.

Products: Aggregate, concrete, mortar, precast concrete blocks, paving, flags, asphalt, bitumen macadams.

Specifications: Aggregate sizes - 200mm down, 150mm, 100mm, 75mm, 50mm, 40mm, 28mm, 20mm, 14mm, 10mm, 6mm, 3mm down. Physical properties: AAV 4.5-7.8, PSV 50-51, ACV 19-23, AIV 15-20, WA 0.28-0.97, SG 2.63-2.69.

Scale of operation: > 1Mtpa.

FELTRIM QUARRY,
Feltrim, Co. Dublin.

Quarry no: 57

National grid reference: O (3)2020 (2)4440.

Nearest significant town: Swords.

Operator: Roadstone Dublin Ltd, Fortunestown, Tallaght, Dublin 24, Co. Dublin. Tel: 01/4525555. Fax: 01/4525578.

Enquiries to: Quarry Manager, Feltrim Quarry, Swords, Co. Dublin. Tel: 01/8450246. Fax: 01/8454087.

Rock type: Limestone. *Geological description:* Carboniferous Reef Limestone.

Products: Broken stone, granular full, range of aggregate sizes, concrete and block plant.

Specifications: Physical properties - ACV 21-23, AIV 15, WA 0.54, SG 2.65.

Scale of operation: > 500,000tpa.

HOLLYWOOD QUARRY,

Quarry no: 58

Bettyville, Co. Dublin.

National grid reference: O (3)1600 (2)5800.

Nearest significant town: Balbriggan.

Operator: Murphy Concrete Manufacturing Ltd., Hampton Place, Balbriggan, Co. Dublin. Tel: 01/8412827. Fax: 01/8412547.

Enquiries to: Joe Monks, Francis Tolan or Seamus Murphy. Tel: 01/8412827. Fax: 01/8412547.

Rock type: Limestone Shale. *Geological description:* Limestone and shale.

Products: Crushed rock 100mm, boulders, shale filling.

Specifications: DOE Clause 803 and 804.

Scale of operation: up to 150,000tpa .

HUNTSTOWN QUARRY,

Quarry no: 59

Huntstown, Co. Dublin.

National grid reference: O (3)1700 (2)5700.

Nearest significant town: Finglas.

Operator: Roadstone Dublin Ltd, Fortunestown, Tallaght, Dublin 24, Co. Dublin. Tel: 01/4525555. Fax: 01/4525578.

Enquiries to: Quarry Manager, Huntstown Quarry, Finglas, Co. Dublin. Tel: 01/8343311, 01/8347322. Fax: 01/8343931.

Rock type: Limestone. *Geological description:* Argillaceous limestone (Calp).

Products: Granular fill, broken stone, asphalt/macadam, masonry blocks and bricks, full range of aggregates, concrete products.

Scale of operation: > 500,000tpa.

LITTLEWOOD PIT,

Quarry no: 60

Naul, Co. Dublin.

National grid reference: O (3)1400 (2)6100.

Nearest significant town: Balbriggan.

Operator: P. & B. Connolly (Dublin) Ltd., Clashford, Naul, Co. Dublin. Tel: 01/8411826, 01/8411840. Fax: 01/8412860.

Rock type: Sand and gravel. *Geological description:* Gravel ridge.

Products: Crushed stone, washed gravels and washed concreting sand.

Specifications: Aggregate sizes 4", 3", 2", 1 1/2", 3/4", 1/2", 3/8"

Scale of operation: up to 200,000tpa.

MILVERTON QUARRY,
Milverton, Co. Dublin.

Quarry no: 61

National grid reference: O (3)2460 (2)5900.

Nearest significant town: Skerries.

Operator: Milverton Quarries Ltd., Skerries, Co. Dublin. Tel: 01/8491259. Fax: 01/8492551.

Enquiries to: W. D. Colvin, General Manager, Milverton Quarries Ltd., Skerries, Co. Dublin. Tel: 01/8491259. Fax: 01/8492551.

Rock type: Limestone. *Geological description:* Carboniferous limestone.

Products: Limestone flour and grits for animal food and limestone grits for fertilizer. Ground agricultural limestone, industrial fillers, white plastering sand and decorative chippings.

Scale of operation: 80,000tpa.

NORTH DUBLIN STONE,
Tubbersool, Co. Dublin.

Quarry no: 62

National grid reference: O (3)1600 (2)6500.

Nearest significant town: Balbriggan.

Operator: North Dublin Commercials, Knocknagin, Balbriggan, Co. Dublin. Tel: 01/8412875. Fax: 01/8411815.

Enquiries to: North Dublin Commercials. Tel: 01/8412875. Fax: 01/8411815.

Rock type: Sand and gravel.

Products: Sand to 6"stone.

Scale of operation: 100,000tpa.

ROE & O'NEILL QUARRY,
Ballyedmonduff, Co. Dublin.

Quarry no: 63

National grid reference: O (3)1850 (2)2350.

Nearest significant town: Dundrum.

Operator: Roe & O'Neill Ltd., Ballyedmonduff, Sandyford, Co. Dublin. Tel: 01/2954243. Fax: 01/2954243.

Enquiries to: Philip O'Neill or Patrick Roe. Tel: 01/2954243. Fax: 01/2954243.

Rock type: Granite. *Geological description:* Granite.

Products: Granite blocks, quarry stone, random rubble, paving, kerbs, garden sculpture, sun dials, gate piers, altars, baptismal fonts, sculpture, statues, shop fronts, floors, fireplaces, urns, bollard steps, window sills, garden walls, bridges, monuments, cobble stones, bollards, wall cappings, copings, cornice and reproduction mouldings fireplaces.

TUBBERSUIL,

Quarry no: 64

Tobersool, Co. Dublin.

National grid reference: O (3)1600 (2)6500.

Nearest significant town: Balbriggan, Drogheda, Ashbourne, Navan.

Operator: John Gallagher, Lougher, Dunleek, Meath. Tel: 041/25202.

Enquiries to: John Gallagher, The Mullagh Quarry, Bellewstown, Co. Meath. Tel: 041/23651.

Rock type: Limestone. **Geological description:** Limestone deposit of glacial origin.

Products: Aggregate, washed sand and aggregates used for drainage.

Specifications: Aggregate sizes - 4", 3", 1.5" .

Scale of operation: 50,000tpa.

WINDMILLHILL QUARRY,

Quarry no: 65

Windmillhill, Co. Dublin.

National grid reference: O (3)0021 (2)2543.

Operator: Mr. Laurence Behan, Windmillhill Quarry, Rathcoole, Co. Dublin. Tel: 01/4589253, 01/4588430.

Enquiries to: Mr. Laurence Behan. Tel: 01/4589253, 01/4588430.

Rock type: Greywacke. **Geological description:** Lower Palaeozoic greywacke.

Products: Road aggregates of all sizes available.

Specifications: High PSV chippings.

2.7 CO. GALWAY

BALLYDOTIA PIT,

Quarry no: 66

Ballynaballia, Co. Galway.

National grid reference: M (1)2155 (2)3545.

Operator: Redmond Lee Ltd, Ballydotia, Moycullen, Co. Galway. Tel: 091/85123.

Enquiries to: Richard Lee. Tel: 088/581947.

Rock type: Sand and gravel Limestone.

Products: Sand for bricklaying, plastering, concrete. Chips for drainage, dashing etc. Stone for filling and drainage. Top soil. Limestone aggregate.

Specifications: Sizes - 3/8", 3/4", 1 1/2", 2", 4" . All sizes of crushed limestone aggregate.

BALLYFA PIT,

Quarry no: 67

Caraun More, Co. Galway.

National grid reference: M (1)6460 (2)2585.

Nearest significant town: Loughrea.

Operator: Vincent Cannon & Co. Ltd., Woodlawn, Ballinasloe, Co. Galway. Tel: 0905/75895, 0905/87619.

Enquiries to: Vincent Cannon, Woodlawn, Ballinasloe, Co. Galway. Tel: 0905/75895.

Rock type: Sand and gravel. *Geological description:* Limestone sand and gravel esker ridge.

Products: Natural washed and graded sand, gravel and crushed stone. Road aggregates of all sizes.

BARNANORAUN QUARRY,

Quarry no: 68

Barnanoraun, Co. Galway.

National grid reference: L (0)7500 (2)5100.

Nearest significant town: Clifden, Recess.

Operator: Michael Patrick Joyce, Recess, Co. Galway. Tel: 095/34625.

Enquiries to: Michael Patrick Joyce, Recess, Co. Galway. Tel: 095/34625.

Rock type: Marble. *Geological description:* Green Connemara Marble.

Products: Almost all sizes available in marble blocks and gallets.

CONNEMARA SAND AND GRAVEL,

Quarry no: 69

Addergoole, Co. Galway.

National grid reference: L (0)7265 (2)5845.

Nearest significant town: Clifden.

Operator: Connemara Sand and Gravel Co., Kylemore, Co. Galway. Tel: 095/41020.

Enquiries to: Connemara Sand and Gravel Co., Kylemore, Co. Galway. Tel: 095/41020.

Rock type: Sand and gravel. *Geological description:* Gravel deposit.

Products: Sand and gravel suitable for concrete.

Specifications: Sizes - 160mm, 80mm, 15mm, graded and washed sand.

ESKER PIT,

Quarry no: 70

Brusk, Co. Galway.

National grid reference: M (1)5540 (2)2600.

Nearest significant town: Athenry.

Operator: J Cannon (Athenry) Ltd., Esker, Athenry, Co. Galway. Tel: 091/48027.

Enquiries to: James Cannon, Esker, Athenry, Co. Galway. Tel: 091/48027.

Rock type: Sand and gravel. *Geological description:* Limestone sand and gravel deposit.

Products: Sand and gravel, ready-mix concrete, concrete blocks.

KNOCKSHANGARRY,

Quarry no: 71

Knockshangarry, Co. Galway.

National grid reference: M (1)6550 (2)1530.

Nearest significant town: Loughrea.

Operator: Vincent Cannon and Co Ltd, Woodlawn, Ballinasloe, Co. Galway. Tel: 0905/75895, 0905/87619.

Enquiries to: Vincent Cannon. Tel: 0905/75895, 0905/87619.

Rock type: Limestone.

Products: Full range of aggregate sizes, building stone.

LISSOUGHTER QUARRY,

Quarry no: 72

Lissoughter, Co. Galway.

National grid reference: L (0)8550 (2)4880.

Operator: J.C. Walsh & Sons Ltd., 24 Main St, Rathfarnham, Dublin 14. Tel: 01/904636. Fax: 01/901194.

Enquiries to: Stephen Walsh. Tel: 01/904636. Fax: 01/901194.

Rock type: Marble. *Geological description:* Marble.

Products: Marble blocks suitable for interior tiles and giftware.

Specifications: Size - 1m. cu. blocks.

POLLREMON PIT,

Quarry no: 73

Pollremon, Co. Galway.

National grid reference: M (1)5900 (2)7000.

Operator: Sean Quinn Quarries (Williamstown) Ltd., Pollermon, Williamstown, Co. Galway.

Enquiries to: Sales Dept. Tel: (0)07/43010.

Rock type: Sand and gravel.

Products: Sand, gravel, ready-mix concrete, concrete blocks and roof tiles.

SHEPPARDS,

Quarry no: 74

Kellysgrove, Co. Galway.

National grid reference: M (1)8375 (2)2745.

Nearest significant town: Ballinasloe.

Operator: Vincent Cannon & Co. Ltd., Woodlawn, Ballinasloe, Co. Galway. Tel: 0905/75895, 0905/87619.

Enquiries to: Vincent Cannon, Woodlawn, Ballinasloe, Co. Galway. Tel: 0905/75895 0905/87619.

Rock type: Sand and gravel. *Geological description:* Limestone sand and gravel esker ridge.

Products: Natural washed and graded sand, crushed rock and road aggregates of all sizes.

TONROE QUARRY,

Quarry no: 75

Tonroe, Co. Galway:

National grid reference: M (1)4070 (2)2230.

Nearest significant town: Oranmore.

Operator: M. J. Cannon, Oranhill, Oranmore, Co. Galway. Tel: 091/94104, 091/94793.

Enquiries to: Pat Conacur, Sales Manager, Cannon Concrete, Oranhill, Oranmore, Co. Galway. Tel: 091/94104, 091/94975.

Rock type: Limestone. *Geological description:* Carboniferous Limestone.

Products: Limestone aggregates, concrete blocks and readymix concrete.

Specifications: Aggregate sizes: 10mm, 20mm, 25mm, 40mm, 75mm, 100mm and 150mm. DOE Clause 804.

TOP QUARRIES QUARRY,
Brackernagh, Co. Galway.

Quarry no: 76

National grid reference: M (1)8420 (2)3020.

Operator: Stone Developments Ltd, Ballybrew Quarries, Enniskerry, Co. Wicklow.
Tel: 01/2862981, 01/2860448, 01/2828411. Fax: 01/2860449.

Enquiries to: Mr John Cotter, Ballybrew Quarries, Enniskerry, Co. Wicklow. Tel:
01/2862981, 01/2860448, 01/2828411. Fax: 01/2860449.

Rock type: Limestone. **Geological description:** Grey Carboniferous Limestone.

Products: Building and monumental limestone. Processing works at quarry.

TWO MILE DITCH QUARRY,
Pollkeen, Co. Galway.

Quarry no: 77

National grid reference: M (1)3310 (2)2880.

Nearest significant town: Galway.

Operator: Roadstone Provinces Ltd, North West Regional Office, Two Mile Ditch, Co.
Galway. Tel: 091/753509. Fax: 091/752199.

Enquiries to: Quarry Manager, Two Mile Ditch Quarry, Two Mile Ditch, Co. Galway.
Tel: 091/753509. Fax: 091/752199.

Rock type: Limestone. **Geological description:** Carboniferous Limestone.

Products: Limestone aggregates, agricultural ground limestone, concrete, precast
concrete products, mortar, asphalt, bitumen macadam.

Specifications: Aggregate sizes - 300mm down, 150mm, 100mm, 40mm, 28mm,
20mm, 14mm, 10mm, 6mm, 3mm down. Physical properties - AAV 10, TNV 96, SG
2.7.

Scale of operation: > 500,000tpa.

2.8 CO. KERRY

BALLYEGAN QUARRY,
Ballyegan, Co. Kerry.

Quarry no: 78

National grid reference: Q (0)9600 (1)1120.

Nearest significant town: Castleisland.

Operator: John A. Wood Ltd., Carrigrohane Road, Victoria Cross, Cork. Tel: 021/542821.

Enquiries to: John A. Wood Ltd., Ballyegan Quarry, Castleisland, Co. Kerry. Tel: 066/37115.

Rock type: Limestone. *Geological description:* Carboniferous reef limestone.

Products: All sizes of limestone chippings, hardcore, agricultural limestone, tarmac and asphalt.

CAIREIL NA RIOCHTA TEO,
Graigue, Co. Kerry.

Quarry no: 79

National grid reference: V (0)5260 (0)9970.

Nearest significant town: Dingle.

Operator: Kingdom Quarries, Graigue, Lispole, Co. Kerry.

Enquiries to: Michael Kavanagh, Ballymoreigh, Dingle, Co. Kerry. Tel: 066/59029 .
Fax: 066/59085.

Rock type: Sandstone.

Products: Crushed stone, chips, building stone, rock armour and road materials/aggregate. All grades and sizes.

Scale of operation: Approximately 30,000tpa.

CASEY'S PIT,
Clasheen, Co. Kerry.

Quarry no: 80

National grid reference: W (1)0050 (0)8855.

Nearest significant town: Killarney.

Operator: John A. Wood Ltd., Carrigrohane Rd., Victoria Cross, Cork. Tel: 021/542821.

Enquiries to: John A. Wood Ltd., Clasheens, Killarney, Co. Kerry. Tel: 064/31974.

Rock type: Sand and gravel.

Products: Washed and unwashed sands, washed and graded aggregates, road chippings, filter bed sands, concrete blocks and ready-mix concrete.

KILLARNEY PIT,
Clasheen, Co. Kerry.

Quarry no: 81

National grid reference: W (1)0180 (0)8900.

Nearest significant town: Killarney.

Operator: John A. Wood Ltd., Carrigrohane Rd., Victoria Cross, Cork. Tel: 021/542821.

Enquiries to: John A. Wood Ltd., Clasheens, Killarney, Co. Kerry. Tel: 064/31974.

Rock type: Sand and gravel.

Products: Washed and unwashed sands, washed and graded aggregates, road chippings, filter bed sands, concrete blocks and ready-mix concrete.

M. F. QUIRKE AND SONS,
Rangue, Co. Kerry.

Quarry no: 82

National grid reference: V (0)7570 (0)9390.

Nearest significant town: Killorglin.

Operator: John Quirke, Rangue, Killorglin, Co. Kerry. Tel: 066/61279. Fax: 066/61415.

Enquiries to: John Quirke, Rangue, Killorglin. Tel: 066/61279. Fax: 066/61415.

Rock type: Sand and gravel.

Products: All types of concrete blocks, ready-mix concrete and concrete products.

Specifications: Physical properties - PSV 62, ACV 17. Chemical properties - SiO₂ 88.7%, CaO 0.15%.

Scale of operation: 100,000tpa.

MINARD QUARRY,
Minard, Co. Kerry.

Quarry no: 83

National grid reference: V (0)5500 (0)9950.

Operator: Tom O'Sullivan, Minard East, Annascaul, Co. Kerry.

Enquiries to: Tom O'Sullivan, Sales Manager. Tel: 066/57165.

Rock type: Sandstone.

Products: Random block paving 1" to 2"

RANGUE PIT,
Rangue, Co. Kerry.

Quarry no: 84

National grid reference: V (0)7560 (0)9420.

Nearest significant town: Killorglin.

Operator: John A. Wood Ltd., Carrigrohane Rd., Victoria Cross, Cork. Tel: 021/542821.

Enquiries to: John A. Wood Ltd., Rangue, Killorglin. Tel: 066/61744.

Rock type: Sand and gravel.

Products: Washed and graded sand and aggregates.

KILSARAN CONCRETE LTD,
Ballysax, Co. Kildare.

Quarry no: 89

National grid reference: N (2)8120 (2)0920.

Nearest significant town: Kilcullen.

Operator: Kilsaran Concrete Products Ltd, Piercetown, Dunboyne, Co. Meath. Tel: 01/8251311. Fax: 01/8251782.

Enquiries to: Kilsaran Concrete Products Ltd, Piercetown, Dunboyne, Co. Meath. Tel: 01/8251311. Fax: 01/8251782.

Rock type: Sand and gravel.

Products: Crushed stone, washed aggregates and sand.

LOWTOWN QUARRY,
Lowtown, Co. Kildare.

Quarry no: 90

National grid reference: N (2)7800 (2)2460.

Operator: M. & A. Hanlon Ltd., Lowtown Quarry, Robertstown, Naas, Co. Kildare. Tel: 045/60149.

Enquiries to: M Hanlon. Tel: 045/60149.

Rock type: Sand and gravel. *Geological description:* Limestone sand and gravel.

Products: Washed sand and washed and crushed aggregates and chips, concrete blocks and ready-mix concrete.

THE QUARRY KILMEAGUE.
Grangeclare East, Co. Kildare.

Quarry no: 91

National grid reference: N (2)7800 (2)2400.

Nearest significant town: Naas/Newbridge.

Operator: Martin Gavin Ltd, Black Hill, Kill, Co. Kildare. Tel: 045/60895, 01/4908283. Fax: 01/4908765.

Enquiries to: Michael Gavin, Black Hill, Kill, Co. Kildare. Tel: 045/60895, 01/4908283. Fax: 01/4908765.

Rock type: Sand and gravel. *Geological description:* Esker ridge.

Products: Crushed stone, gravel fill, ungraded gravel, quarry run rock.

Specifications: Sizes - 4", 4" down, 2", 2" down.

Scale of operation: Up to 260,000tpa.

WALSHESTOWN PIT,

Quarry no: 92

Walshestown, Co. Kildare.

National grid reference: N (2)9300 (2)1546.

Nearest significant town: Naas.

Operator: Readymix (Manufacturing) Ltd., Walshestown, Naas, Co. Kildare. Tel: 045/97163. Fax: 045/76173.

Enquiries to: Dominic McGrath, Walshestown, Naas, Co. Kildare. Tel: 045/97163. Fax: 045/76173.

Rock type: Sand and gravel. **Geological description:** Limestone gravel deposit.

Products: Washed and crushed aggregates for filling, roadmaking, concrete products and land drainage. Washed sand.

2.10 CO. KILKENNY

DUNBELL BIG QUARRY, Quarry no: 93
Dunbell Big, Co. Kilkenny.
National grid reference: S (2)5570 (1)5200.
Nearest significant town: Kilkenny.
Operator: Roadstone Provinces Ltd, South East Regional Office, Kilmacow Quarry, Kilmacow, Co. Kilkenny. Tel: 051/95249. Fax: 051/95405.
Enquiries to: Dunbell Big Quarry, Bennettsbridge, Co. Kilkenny.
Rock type: Dolomite. *Geological description:* Dolomite.
Products: Concrete aggregate and aggregate for asphalt, tarmacadam, agricultural lime, dolomite for fertiliser.
Specifications: Physical properties - PSV 52, TNV 102, SG 2.8.
Scale of operation: 250,000 - 500,000tpa.

DUNMORE PIT, Quarry no: 94
Dunmore, Co. Kilkenny.
National grid reference: S (2)5000 (1)6000.
Nearest significant town: Kilkenny.
Operator: Readymix (Southeast) Ltd., Arden, Tullamore, Co. Offaly. Tel: 0506/21485. Fax: 0506/21862.
Enquiries to: Andrew Galvin, Arden, Tullamore, Co. Offaly. Tel: 0506/21485. Fax: 0506/21862.
Rock type: Sand and gravel. *Geological description:* Limestone gravel deposit.
Products: Washed and crushed aggregate for fill, land drainage and concrete products.

HOLDENSRATH QUARRY, Quarry no: 95
Holdensrath, Co. Kilkenny.
National grid reference: S (2)4778 (1)5658.
Nearest significant town: Kilkenny.
Operator: Graneiss Ltd., Airfield Road, Kilkenny, Co. Kilkenny. Tel: 056/21051. Fax: 056/21051.
Enquiries to: T. Pryal, Holdensrath Quarry, Airfield Road, Kilkenny, Co. Kilkenny. Tel: 056/21051. Fax: 056/21051.
Rock type: Limestone. *Geological description:* Carboniferous limestone.
Products: Dimension Stone. Building and Monumental sculptors stone.
Specifications: Size - 2.8 x 140 x 0.75 to 200cm. Appearance - blue/grey sanded finish, dark grey/black polished finish.
Scale of operation: 15-20,000tpa.

KELLYMOUNT QUARRY,

Quarry no: 96

Kellymount, Co. Kilkenny.

National grid reference: S (2)6440 (1)6020.

Nearest significant town: Kilkenny.

Operator: Kilkenny Limestone Ltd, Kellymount Quarry, Paulstown, Co. Kilkenny. Tel: 0503/26191. Fax: 0503/26276.

Enquiries to: Feely and Sons Ltd, Boyle, Co. Roscommon. Tel: 079/62066. Fax: 079/62894.

Rock type: Limestone. **Geological description:** Carboniferous limestone.

Products: Dimension stone for memorials, construction and church work.

Specifications: Maximum block size - 3.0 x 1.5 x 2.0 cubic metres. Maximum block weight - 25 tonnes.

Scale of operation: 7000 cubic metres pa.

KILMACOW QUARRY,

Quarry no: 97

Granny, Co. Kilkenny.

National grid reference: S (2)5567 (1)1562.

Nearest significant town: Waterford.

Operator: Roadstone Provinces Ltd, South East Regional Office, Kilmacow Quarry, Co. Kilkenny. Tel: 051/95249. Fax: 051/95405.

Enquiries to: Quarry Manager, Kilmacow Quarry, Co. Kilkenny. Tel: 051/95249. Fax: 051/95405.

Rock type: Limestone. **Geological description:** Carboniferous Limestone.

Products: Full range of aggregates, agricultural lime, tarmacadam.

Specifications: Physical properties - AAV 8, SG 2.7.

Scale of operation: 250,000 - 500,000tpa.

ORMONDE BRICK SHALE,

Quarry no: 98

Coolbaun, Co. Kilkenny.

National grid reference: S (2)5700 (1)7500.

Nearest significant town: Castlecomer.

Operator: Ormonde Brick Ltd, Castlecomer, Co. Kilkenny. Tel: 056/41323. Fax: 056/41314.

Enquiries to: Ormonde Brick Ltd, Castlecomer, Co. Kilkenny. Tel: 056/41323. Fax: 056/41314.

Rock type: Fireclay Shale. **Geological description:** Upper Carboniferous Measures shale and fireclay.

Products: Fired clay bricks.

Scale of operation: 50,000tpa.

SHEASTOWN PIT,

Quarry no: 99

Sheastown, Co. Kilkenny.

National grid reference: S (2)5500 (1)5000.

Nearest significant town: Kilkenny.

Operator: P. Hennessy & Co. Ltd., Sheastown, Co. Kilkenny. Tel: 056/27223. Fax: 056/27176.

Enquiries to: Paddy Hennessy, Sheastown, Kilkenny. Tel: 056/27223. Fax: 056/27176.

Rock type: Sand and gravel. **Geological description:** Gravel pit.

Products: Sand, gravel, road aggregates all sizes. Ready-mix concrete.

Specifications: DOE Clause 803 and Clause 804.

Scale of operation: 75,000tpa.

THREecastLES QUARRY,

Quarry no: 100

Killaree, Co. Kilkenny.

National grid reference: S (2)4570 (1)6090.

Operator: McKeon Stone Ltd., Brockley Park, Stradbally, Co. Laois. Tel: 0502/25151. Fax: 0502/25301.

Enquiries to: James McKeon, Freshford Road, Kilkenny, Co. Kilkenny.

Rock type: Limestone. **Geological description:** Carboniferous limestone.

Products: All types of dimension stone products for monumental and building use.

Specifications: Colour - Grey blue/black when polished.

2.11 CO. LAOIS

BALLYADAMS QUARRY,

Quarry no: 101

Ballyadams, Co. Laois.

National grid reference: S (2)6210 (1)9165.

Nearest significant town: Ballintubbert.

Operator: Roadstone Dublin Ltd, Fortunestown, Tallaght, Dublin 24, Co. Dublin. Tel: 01/4525555. Fax: 01/4525578.

Enquiries to: Quarry Manager, Ballyadams Quarry. Tel: 0507/27110.

Rock type: Limestone. *Geological description:* Carboniferous Limestone.

Products: Granular fill, broken stone and aggregates.

Scale of operation: < 250,000tpa.

CAMPION'S QUARRY,

Quarry no: 102

Lisduff, Co. Laois.

National grid reference: S (2)1990 (1)7695.

Nearest significant town: Rathdowney.

Operator: Mr. Michael Campion, Lisduff, Errill, Co. Laois. Tel: 0505/44123.

Enquiries to: Campion's Quarry, Lisduff, Errill, Portlaoise. Tel: 0505/44123, 0505/44143.

Rock type: Limestone. *Geological description:* Carboniferous limestone.

Products: All popular sizes of crushed limestone, tarmacadam, agricultural ground limestone.

CARROLL QUARRY,

Quarry no: 103

Knockacoller, Co. Laois.

National grid reference: S (2)3200 (1)9150.

Nearest significant town: Portlaois.

Operator: Michael N O'Hara, Carroll Quarries, Castletown, Portlaois, Co. Laois. Tel: 0502/32707. Fax: 0502/32747.

Enquiries to: Michael N O'Hara, General Manager, Carroll Quarries, Castletown, Portlaois. Tel: 0502/32707. Fax: 0502/32747.

Rock type: Limestone. *Geological description:* Carboniferous limestone with high silica content and bioclastic fragments.

Products: Aggregates, chippings, railway ballast, lime dust, screenings, drainage stone.

Specifications: Aggregate sizes - 6 mm, 10mm, 14mm and 20mm washed chippings, 50mm, 75mm and 100mm crushed stone, 18mm coarse aggregate chip for concrete production, 1.5" down and .75" down screenings. DOE Clause 804 and Clause 810.

Scale of operation: Approximately 200,000tpa.

2.12 CO. LEITRIM

BIRD'S QUARRY,

Quarry no: 104

Gortgarrigan, Co. Leitrim.

National grid reference: G (1)8450 (3)3405.

Nearest significant town: Sligo.

Operator: Maye Concrete Ltd., Wine Street, Sligo, Co. Sligo. Tel: 071/62248. Fax: 071/69582.

Enquiries to: Sean McQuaid or Andy McGlone, Wine Street, Sligo. Tel: 071/62248. Fax: 071/69582.

Rock type: Limestone. *Geological description:* Carboniferous limestone.

Products: Crushed stone suitable for roadmaking materials.

LURGANBOY QUARRY,

Quarry no: 105

Barracashlaun, Co. Leitrim.

National grid reference: G (1)8480 (3)4140.

Operator: David Trotter & Co., Lurganboy, Manorhamilton, Co. Leitrim.

Rock type: Limestone. *Geological description:* Carboniferous limestone.

Products: Aggregates and dust.

Specifications: Aggregate sizes - 4", 1 1/2", 3/4", 1/2".

2.13 CO. LIMERICK

BALLYNEETY QUARRY, Quarry no: 106
Inch St. Lawrence North, Co. Limerick.
National grid reference: R (1)6510 (1)4870.
Nearest significant town: Limerick.
Operator: Roadstone Provinces Ltd, Mid West Regional Office, Bunratty, Co. Clare.
Tel: 061/361577. Fax: 061/361742.
Enquiries to: Roadstone Provinces Ltd, Ballyneety, Co. Limerick. Tel: 061/351253.
Fax: 061/351003.
Rock type: Dolomite. *Geological description:* Dolomitic reef.
Products: Agricultural ground limestone, full run of aggregates, concrete, precast concrete products, mortar.
Specifications: Physical properties - PSV 52, SG 2.74, TNV 100.
Scale of operation: 250,000 - 500,000tpa.

BARRIGONE QUARRY, Quarry no: 107
Glenbane East, Co. Limerick.
National grid reference: R (1)2940 (1)5045.
Nearest significant town: Foynes.
Operator: Roadstone Provinces Ltd, Mid West Regional Office, Bunratty, Co. Clare.
Tel: 061/361577. Fax: 061/361742.
Enquiries to: Roadstone Provinces Ltd., Barrigone Quarry, Co. Limerick. Tel:
061/392386.
Rock type: Limestone. *Geological description:* Carboniferous Dolomitic Limestone.
Products: Range of aggregate sizes, concrete.
Specifications: Physical properties - AAV 10, TNV 99, SG 2.7.
Scale of operation: < 250,000tpa.

CASTLEMUNGRET QUARRY, Quarry no: 108
Conigar, Co. Limerick.
National grid reference: R (1)5320 (1)5500.
Nearest significant town: Limerick.
Operator: Irish Cement Ltd., Castlemungret, Co. Limerick. Tel: 061/304444. Fax:
061/304440.
Enquiries to: The Manager, Irish Cement Limited. Tel: 061/304444. Fax: 061/304440.
Rock type: Limestone. *Geological description:* Carboniferous limestone.
Products: Limestone for use in cement manufacture.
Scale of operation: 800,000 to 1Mtpa.

CREEVES QUARRY LTD.

Quarry no: 109

Craggs, Co. Limerick.

National grid reference: R (1)2980 (1)4770.

Nearest significant town: Foynes.

Operator: Creeves Quarry Ltd, Shanagolden, Co. Limerick. Tel: 069/65530, 069/65357. Fax: 069/65359.

Enquiries to: John Danaher. Tel: 069/65530, 069/65357. Fax: 069/65359.

Rock type: Limestone.

Products: Agricultural ground limestone, drainage stones, chips, gravel, fillings, screenings, all road making materials, natural walling stone.

GOOIG PIT,

Quarry no: 110

Gooig, Co. Limerick.

National grid reference: R (1)6700 (1)6300.

Nearest significant town: Limerick city.

Operator: Connie Bourke Ltd, Gooig, Castleconnell, Co. Limerick. Tel: 061/377344. Fax: 061/377449.

Enquiries to: Michael O'Shea, Connie Bourke Ltd, Gooig, Castleconnell, Co. Limerick. Tel: 061/377344. Fax: 061/377449.

Rock type: Sand and gravel.

Products: Rounded natural sand and gravel. Washed and graded gravel. Washed sand for plastering and concreting. Washed sand for asphalt manufacture and golf course construction. Top soil.

Specifications: Gravel sizes - 10mm, 20mm, >30mm and >90mm. Colour -various shades of brown.

MONTPELIER PIT,

Quarry no: 111

Montpelier, Co. Limerick.

National grid reference: R (1)6700 (1)6600.

Nearest significant town: Limerick.

Operator: Connie Bourke Ltd., Montpelier, O'Briensbridge, Co. Limerick. Tel: 061/377463. Fax: 061/377449.

Enquiries to: Michael O'Shea, Connie Bourke Ltd, Gooig, Castleconnell, Co. Limerick. Tel: 061/377344. Fax: 061/377449.

Rock type: Sand and gravel.

Products: Washed and graded chippings, washed sand for plastering and concreting, pit run sand, top soil and subsoil.

Specifications: Sizes - 10mm, 20mm and >25mm.

OLDCOURT QUARRY,
Kilfinny, Co. Limerick.

Quarry no: 112

National grid reference: R (1)4560 (1)4010.

Nearest significant town: Kilfinny.

Operator: Liam Lynch (Quarries) Ltd., Oldcourt, Kilfinny, Adare, Co. Limerick.

Enquiries to: Liam Lynch, Carrigeen, Croom, Co. Limerick. Tel: 061/397246. Fax: 061/397117.

Rock type: Limestone. **Geological description:** Carboniferous limestone.

Products: All sizes of road aggregate and ready-mix concrete.

2.14 CO. LONGFORD

MOLLY QUARRY,
Molly, Co. Longford.

Quarry no: 113

National grid reference: N (2)2550 (2)8520.

Nearest significant town: Granard.

Operator: Mr. Joseph Cadam and Sons, Gelsha, Ballinalee, Co. Longford. Tel: 043/23246.

Enquiries to: Mr. Joseph Cadam, Gelsha, Ballinalee, Co. Longford. Tel: 043/23246.

Rock type: Shale. *Geological description:* Shale.

Products: Shale all sizes, all black or brown for roadways, farmyards or car parks.

MOYNE QUARRY,
Leggagh, Co. Longford.

Quarry no: 114

National grid reference: N (2)2390 (2)9480.

Nearest significant town: Longford.

Operator: Readymix (Longford) Ltd., Moyne, Co. Longford. Tel: 049/35266
049/35303. Fax: 071/69582.

Enquiries to: Sean McQuaid, General Manager, Maye Concrete Ltd., Wine Street, Sligo. Tel: 071/62248. Fax: 071/69582.

Rock type: Greywacke. *Geological description:* Lower Palaeozoic greywacke.

Products: Crushed stone aggregates for roadmaking, concrete and bituminous products. Ready-mix concrete and bituminous products (supplied and laid - blacktop). High PSV chips washed and/or precoated. Concrete pavers.

Specifications: Physical properties - PSV 62-65. DOE Clause 803, 804, 810 and 616.

2.15 CO. LOUTH

CUMISKEY'S PIT,

Quarry no: 115

Maddoxland, Co. Louth.

National grid reference: J (3)1500 (3)0600.

Operator: Paddy Lynch (Dundalk) Ltd., Newtownbalregan, Dundalk, Co. Louth. Tel: 042/34654.

Enquiries to: Paddy Lynch (Dundalk) Ltd., Newtownbalregan, Dundalk. Tel: 042/34654.

Rock type: Sand and gravel.

Products: Sand and gravel.

DUNLEER QUARRY,

Quarry no: 116

Mountainstown, Co. Louth.

National grid reference: O (3)0600 (2)8870.

Nearest significant town: Drogheda.

Operator: Kilsaran Concrete Ltd, Piercetown, Dunboyne, Co. Meath. Tel: 01/8251311. Fax: 01/8251782.

Enquiries to: Kilsaran Concrete Ltd, Dunleer Quarry, Dunleer, Co. Louth. Tel: 041/51206. Fax: 041/51871.

Rock type: Greywacke. *Geological description:* Lower Palaeozoic greywackes.

Products: Road aggregates, granular sub-base material, roadbase material, bitumen macadam, hot rolled asphalts.

Specifications: Physical properties - PSV 63, ACV 18-20, AAV 8-11. DOE clauses 804, 810. Bitumen and asphalt to BS 4987, 594, 1973 and 1985.

RAMPARK PIT,

Quarry no: 117

Rampark, Co. Louth.

National grid reference: J (3)1400 (3)0700.

Operator: Noel Lynch, Rampark, Dundalk, Co. Louth. Tel: 042/34654.

Rock type: Sand and gravel.

Products: Sand and gravel.

2.16 CO. MAYO

BALLINASMALLE PIT, Quarry no: 118
Ballinsmaula, Co. Mayo.
National grid reference: M (1)3600 (2)7700.
Nearest significant town: Claremorris.
Operator: Clonbur Concrete Group Ltd, Ballinasmalle, Claremorris, Co. Mayo. Tel: 094/71770.
Enquiries to: Patrick Ring, Newtown, Claremorris, Co. Mayo. Tel: 094/71770.
Rock type: Sand and gravel. *Geological description:* Gravel ridge.
Products: Natural ungraded sand and gravel.

CASTLEBAR QUARRY, Quarry no: 119
Moneenbradagh, Co. Mayo.
National grid reference: M (1)1620 (2)9085.
Nearest significant town: Castlebar.
Operator: Roadstone Provinces Ltd, North West Regional Office, Two Mile Ditch, Co. Galway. Tel: 091/753509. Fax: 091/752199.
Enquiries to: Quarry Manager, Castlebar Quarry, Castlebar, Co. Mayo. Tel: 094/21266. Fax: 094/23348.
Rock type: Limestone. *Geological description:* Carboniferous Limestone.
Products: Agricultural ground limestone, full range of aggregate sizes, concrete, precast concrete products, mortar, bitumen macadams.
Specifications: Physical properties - TNV 97, AAV 9, SG 2.72.
Scale of operation: 250,000 - 500,000tpa.

CAVE PIT, Quarry no: 120
Kilmannin, Co. Mayo.
National grid reference: M (1)4970 (2)8120.
Nearest significant town: Ballyhaunis.
Operator: Austin Grogan & Sons Ltd., Concrete & Quarry Products, Cave, Ballyhaunis, Co. Mayo. Tel: 0907/30072. Fax: 0907/30707.
Enquiries to: Austin Grogan and Sons Ltd., Cave, Ballyhaunis, Co. Mayo. Tel: 0907/30072. Fax: 0907/30707.
Rock type: Sand and gravel. *Geological description:* Glacial limestone sand and gravel deposit.
Products: Various graded washed or excavated sizes of stone, filling, topsoil etc. Washed sand and aggregates.
Specifications: Aggregate sizes - 10mm chippings, 20mm chippings, 75mm stone.
Scale of operation: Approximately 100,000tpa.

COLLAGAGH,

Quarry no: 121

Cuillonaghtan, Co. Mayo.

National grid reference: G (1)3100 (3)0370.

Nearest significant town: Foxford.

Operator: Christy Cunney, Coollagagh, Foxford, Co. Mayo. Tel: 094/56323.

Enquiries to: Christy Cunney, Coollagagh, Foxford, Co. Mayo. Tel: 094/56323.

Rock type: Sand and gravel.

Products: Washed sand, pebbles, stones and rock fill.

Specifications: Sizes - 3/8" pebbles, 3/4" pebbles, 1 1/2" pebbles, 3-4" stones, 6-12" rock fill.

Scale of operation: 30,000tpa.

DRUMBANE PIT,

Quarry no: 122

Drumbaun, Co. Mayo.

National grid reference: M (1)4900 (2)7800.

Nearest significant town: Ballyhaunis.

Operator: Austin Grogan & Sons Ltd., Concrete and Quarry Products, Cave, Ballyhaunis, Co. Mayo. Tel: 0907/30072. Fax: 0907/30707.

Enquiries to: Austin Grogan and Sons Ltd., Cave, Ballyhaunis, Co. Mayo. Tel: 0907/30072. Fax: 0907/0707.

Rock type: Sand and gravel. **Geological description:** Limestone sand and gravel deposit.

Products: Range of aggregates and washed sand.

Specifications: Aggregate sizes - 10mm chips and pebbles, 20mm chips and pebbles, 40mm stone, 75mm stone.

Scale of operation: Approximately 50,000tpa.

2.17 CO. MEATH

BALTY PIT, Quarry no: 123
Mullaghmore, Co. Meath.
National grid reference: N (2)8500 (2)9400.
Nearest significant town: Kingscourt.
Operator: O'Reilly Bros. Ltd., Kingscourt, Co. Cavan. Tel: 042/67237. Fax: 042/67311.
Enquiries to: O'Reilly Bros. Ltd., Kingscourt, Co. Cavan. Tel: 042/67237. Fax: 042/67311.
Rock type: Sand and gravel. *Geological description:* Drumlin deposit.
Products: All size pebbles, washed sand and gravel, drainage stone, pit run gravel.
Scale of operation: up to 100,000tpa.

BARLEY HILL QUARRY, Quarry no: 124
Ardagh, Co. Meath.
National grid reference: N (2)8350 (2)9550.
Nearest significant town: Kingscourt.
Operator: Roadstone Provinces Ltd, North East Regional Office, Drogheda, Co. Louth. Tel: 041/37764. Fax: 041/35011.
Enquiries to: Quarry Manager, Barley Hill Quarry, Kingscourt, Co. Cavan. Tel: 042/67123.
Rock type: Limestone. *Geological description:* Carboniferous reef limestone, slightly dolomitic.
Products: Agricultural ground limestone and aggregate.
Specifications: Aggregate sizes - 300mm down. Physical properties -TNV 100, SG 2.71.
Scale of operation: < 250,000tpa.

CARRICKLECK, Quarry no: 125
Carrickleck, Co. Meath.
National grid reference: N (2)8215 (2)9110.
Operator: Silica Sand Ltd, Marsh Road, Drogheda, Co. Louth. Tel: 041/38550.
Enquiries to: Silica Sand Ltd, Marsh Road, Drogheda. Tel: 041/38550.
Rock type: Silica sand.

CARRICKLECK, Quarry no: 126
Carrickleck, Co. Meath.
National grid reference: N (2)8230 (2)9300.
Operator: Silica Sand Ltd., Marsh Lane, Drogheda, Co. Louth. Tel: 041/38550.
Enquiries to: Silica Sand Ltd. Tel: 041/38550.
Rock type: Silica sand.

DENHAMSTOWN QUARRY,

Quarry no: 127

Denhamstown, Co. Meath.

National grid reference: O (3)0900 (2)6350.

Nearest significant town: Ardcath.

Operator: Irish Cement Ltd., Platin Works, Drogheda, Co. Louth. Tel: 041/37641. Fax: 041/34537.

Enquiries to: Irish Cement Ltd, Platin Works, Drogheda, Co. Louth. Tel: 041/37641. Fax: 041/34537.

Rock type: Shale Greywacke. *Geological description:* Silurian greywacke sandstones and siltstones.

Products: Shale for use in cement manufacture.

Scale of operation: 40,000 - 70,000tpa.

DOHERTY'S PIT,

Quarry no: 128

Cruicetown, Co. Meath.

National grid reference: N (2)9285 (2)7230.

Nearest significant town: Navan.

Operator: Mr. Jim Doherty, Doherty's Quarries Ltd., Cruicetown, Stackallan, Navan, Co. Meath. Tel: 041/24302. Fax: 041/24120.

Enquiries to: Mr. Jim Doherty, Doherty's Pit. Tel: 041/24302. Fax: 041/24120.

Rock type: Sand and gravel. *Geological description:* Waulsortian reef limestone sand and gravel deposit.

Products: Sand and gravel, limestone and limestone by-products.

DONORE QUARRY,

Quarry no: 129

Sheeptown-Stalleen-Donore, Co. Meath.

National grid reference: O (3)0520 (2)7410.

Nearest significant town: Drogheda.

Operator: Irish Cement Ltd, Platin Works, Drogheda, Co. Louth. Tel: 041/37641. Fax: 041/34537.

Enquiries to: Irish Cement Ltd, Platin Works, Drogheda, Co. Louth. Tel: 041/37641. Fax: 041/34537.

Rock type: Shale.

Products: Shale for use in cement manufacture.

Scale of operation: 130,000 - 180,000tpa.

GREENHILLS PIT,

Quarry no: 130

Gormanston, Co. Meath.

National grid reference: O (3)1600 (2)6800.

Nearest significant town: Drogheda.

Operator: Murphy Concrete Manufacturing Ltd., Hampton Place, Balbriggan, Co. Dublin. Tel: 01/8412827. Fax: 01/8412547.

Enquiries to: Joe Monks, Francis Tolan or Seamus Murphy. Tel: 01/8412827. Fax: 01/8412547.

Rock type: Sand and gravel.

Products: Granular material, filter material, crushed rock, screenings, washed sand and aggregates, pit run gravel.

Specifications: DOE clause 803, 805 and 505.

Scale of operation: up to 150,000tpa.

KILSARAN CONCRETE LTD.

Quarry no: 131

Navan, Co. Meath.

National grid reference: N (2)8730 (2)6870.

Nearest significant town: Navan.

Operator: Kilsaran Concrete Products Ltd, Piercetown, Dunboyne, Co. Meath. Tel: 01/8251311. Fax: 01/8251782.

Enquiries to: Kilsaran Concrete Products Ltd, Piercetown, Dunboyne, Co. Meath. Tel: 01/8251311. Fax: 01/8251782.

Rock type: Sand and gravel.

Products: Crushed stone, washed aggregates and sand.

MILLTOWN PIT,

Quarry no: 132

Milltown, Co. Meath.

National grid reference: N (2)5498 (2)7520.

Nearest significant town: Oldcastle.

Operator: Thomas Grall, Milltown, Oldcastle, Co. Meath. Tel: 049/41534.

Enquiries to: Thomas Grall, Milltown, Oldcastle, Co. Meath. Tel: 094/41534.

Rock type: Sand and gravel.

MULLAGHCRONE QUARRY,
Platin, Co. Meath.

Quarry no: 133

National grid reference: O (3)0550 (2)7250.

Nearest significant town: Drogheda.

Operator: Premier Periclase Ltd., Boyne Road, Drogheda, Co. Louth. Tel: 041/31121.
Fax: 041/34655.

Enquiries to: Mr. Paddy Monaghan, Mullaghcrone Quarry, Platin, Drogheda, Co. Meath. Tel: 041/31679. Fax: 041/36104.

Rock type: Limestone. *Geological description:* Carboniferous limestone.

Products: Washed limestone for use in the manufacture of seawater magnesia, limestone fines for miscellaneous uses.

Scale of operation: 250,000 - 400,000tpa.

MULLAGHDILLON QUARRY,
Knockerk, Co. Meath.

Quarry no: 134

National grid reference: N (2)9510 (2)7670.

Nearest significant town: Slane.

Operator: Irish Stoneware and Fireclays Ltd, Carrickmacross, Co. Monaghan. Tel: 042/61256. Fax: 042/62494.

Enquiries to: Irish Stoneware and Fireclays Ltd, Carrickmacross, Co. Monaghan. Tel: 042/61256. Fax: 042/62494.

Rock type: Shale. *Geological description:* Ordovician Shales.

Products: Brick and floor tiles, flueliners, all red burning.

Scale of operation: Approximately 20,000tpa.

THE MULLAGH QUARRY,
Hilltown Little, Co. Meath.

Quarry no: 135

National grid reference: O (3)0790 (2)6740.

Nearest significant town: Drogheda, Navan, Ashbourne & Balbriggan.

Operator: John Gallagher Plant Hire, Lougher, Duleek, Co. Meath. Tel: 041/25202.

Enquiries to: J. Gallagher Plant Hire, The Mullagh Quarry, Bellewstown. Tel: 041/23651.

Rock type: Whinstone Basalt.

Products: Screenings and crushed stone. Chippings for the manufacture of ready-mix concrete and blocks.

Specifications: Aggregate sizes - 4", 3", 1 1/2" & 3/4". DOE Clause 804.

Scale of operation: 100,000tpa.

MURRONS QUARRY, Quarry no: 136
Murrans, Co. Meath.
National grid reference: N (2)5200 (2)7500.
Nearest significant town: Oldcastle.
Operator: J.J. Flood & Sons (Oldcastle) Ltd., The Murrans, Oldcastle, Co. Meath. Tel: 049/41212. Fax: 049/41777.
Enquiries to: J. J. Flood and sons (Oldcastle) Ltd., The Murrans, Oldcastle, Co. Meath. Tel: 049/41212. Fax: 049/41777.
Rock type: Sand and gravel. *Geological description:* Limestone sand and gravel.
Products: Plastering sand, washed aggregate, building sand, drainage stone, crushed stone. Sands for arenas, football pitches and golf courses. .
Specifications: Aggregate sizes - 3/8", 1/2", 3/4", 1", 1 1/2", 2", 3", 4" & 6". DOE Clause 803, 804, 805, 810. Physical properties - PSV 47. 5% silica.
Scale of operation: 100,000 tpa.

NAVAN MINE, Quarry no: 137
Townparks, Co. Meath.
National grid reference: N (2)8500 (2)6700.
Nearest significant town: Navan.
Operator: Outokumpo Zinc, Tara Mines, Navan, Co. Meath. Tel: 046/21927. Fax: 046/21118.
Enquiries to: Outokumpo Zinc, Tara Mines, Navan, Co. Meath. Tel: 046/21927. Fax: 046/21118.
Mineral type: Zinc, Lead. *Geological description:* Zn-Pb orebody occurring within the Lower Carboniferous limestone. Sphalerite and galena are the major constituents, with subsidiary amounts of pyrite marcasite, barite, dolomite and calcite.
Products: Zn-Pb orebody.
Specifications: Zinc concentrate (56%), Lead concentrate (67%).
Scale of operation: 2.6Mt, grading 8.2% Zn and 2.0% Pb.

PLATIN QUARRY, Quarry no: 138
Platin, Co. Meath.
National grid reference: O (3)0550 (2)7150.
Nearest significant town: Drogheda.
Operator: Irish Cement Ltd., Platin Works, Drogheda, Co. Louth. Tel: 041/37641. Fax: 041/34537.
Enquiries to: Irish Cement Ltd, Platin Works, Drogheda, Co. Louth. Tel: 041/37641. Fax: 041/34537.
Rock type: Limestone. *Geological description:* Carboniferous Limestone.
Products: Limestone for use in the manufacture of cement.
Scale of operation: 1 - 1.8Mtpa.

SLANE QUARRY,

Quarry no: 139

Carrickdexter, Co. Meath.

National grid reference: N (2)9350 (2)7400.

Nearest significant town: Slane.

Operator: Roadstone Provinces Ltd, North East Regional Office, Drogheda, Co. Louth.
Tel: 041/37764. Fax: 041/35011.

Enquiries to: Quarry Manager, Slane Quarry. Tel: 041/24214. Fax: 041/24243.

Rock type: Basalt. **Geological description:** Lower Palaeozoic basaltic lava and breccia.

Products: Full range of aggregate sizes, concrete, mortar, bitumen, macadam, asphalt, precast concrete blocks.

Specifications: Physical properties - Lava PSV 56, AAV 3, SG 2.74. Breccia PSV 62, AAV 6, SG 2.7.

Scale of operation: 250,000 - 500,000tpa.

SWAINSTOWN QUARRY,

Quarry no: 140

Kilmessan, Co. Meath.

National grid reference: N (2)9100 (2)5685.

Nearest significant town: Trim.

Operator: Kilsaran Concrete Ltd, Piercetown, Dunboyne, Co. Meath. Tel: 01/8251311.
Fax: 01/8251782.

Enquiries to: Kilsaran Concrete Ltd, Piercetown, Dunboyne, Co. Meath. Tel: 01/8251311. Fax: 01/8251782.

Rock type: Limestone.

Products: Building stone, sub-base and road base materials all sizes, full range of aggregate sizes.

TRIM QUARRY,

Quarry no: 141

Stokestown, Co. Meath.

National grid reference: N (2)8140 (2)5315.

Nearest significant town: Trim.

Operator: Roadstone Provinces Ltd, North East Regional Office, Drogheda, Co. Louth.
Tel: 041/37764. Fax: 041/35011.

Enquiries to: Roadstone Provinces Ltd, North East Regional Office, Drogheda, Co. Louth. Tel: 046/37764. Fax: 046/35011.

Rock type: Limestone. **Geological description:** Carboniferous Reef Limestone.

Products: Range of aggregate sizes.

Scale of operation: < 250,000tpa.

2.18 CO. MONAGHAN

BRAGAN, Quarry no: 142
Bragan, Co. Monaghan.
National grid reference: H (2)5901 (3)4555.
Nearest significant town: Monaghan.
Operator: Watterson Concrete Ltd, Golan, Carrickroe, Emyvale, Co. Monaghan. Tel: 047/87525. Fax: 047/87525.
Enquiries to: Watterson Concrete Ltd, Golan, Carrickroe, Emyvale, Co. Monaghan. Tel: 047/87525. Fax: 047/87525.
Rock type: Sandstone.
Products: Sandstone suitable for building stone.

CASTLEBLAYNEY QUARRY, Quarry no: 143
Moraghy, Co. Monaghan.
National grid reference: H (2)8180 (3)2000.
Nearest significant town: Castleblayney.
Operator: Roadstone Provinces Ltd, North East Regional Office, Drogheda, Co. Louth. Tel: 041/37764. Fax: 041/35011.
Enquiries to: Quarry Manager, Castleblayney Quarry. Tel: 042/40026. Fax: 042/46412.
Rock type: Greywacke. *Geological description:* Lower Palaeozoic Greywacke.
Products: Full range of aggregates, concrete, mortar, precast concrete products, asphalt, bitumen macadam. A major source of high PSV chips.
Specifications: Physical properties - PSV 63, AAV 7, SG 2.7.
Scale of operation: < 250,000tpa.

DONAGH QUARRY, Quarry no: 144
Mullagbane, Co. Monaghan.
National grid reference: H (2)7040 (3)4010.
Nearest significant town: Monaghan.
Operator: Edward McNally Ltd., Donagh Quarries, Glaslough, Co. Monaghan. Tel: 047/88156. Fax: 047/88230.
Enquiries to: Edward McNally, Director, Donagh Quarries, Glaslough, Co. Monaghan. Tel: 047/88156. Fax: 047/88230.
Rock type: Limestone. *Geological description:* Black - dark grey limestone.
Products: Aggregate suitable for road materials, chips for tarring and drainage stone.
Specifications: Sizes - road aggregate 75 - 1000mm, drainage stone 1.5 - 2", chips 0.25", 0.5", 0.75". DOE Clause 804. Colour - black to dark grey limestone.
Scale of operation: up to 70,000tpa.

DRUMGAVNEY BALLYBAY, Quarry no: 145
Drumgavny, Co. Monaghan.
National grid reference: H (2)6777 (3)2211.
Nearest significant town: Ballybay.
Operator: Hugh Allistar and Sons, Drumgavny, Ballybay, Co. Monaghan. Tel: 042/44814.
Enquiries to: H Allistar and Sons, Drumgavny, Ballybay. Tel: 042/44814.
Rock type: Whinstone.
Products: All sizes of broken stone suitable for road making, all grades of washed chippings.
Scale of operation: > 100,000tpa.

KNOCKNACRAN MINE, Quarry no: 146
Knocknacran west, Co. Monaghan.
National grid reference: N (2)8100 (2)9960.
Nearest significant town: Kingscourt.
Operator: Gypsum Industries Plc., Head Office, Clonskeagh Road, Dublin 14. Tel: 01/2693644. Fax: 01/2694180.
Enquiries to: Gypsum Industries Plc., Knocknacran Mine. Tel: 042/67104. Fax: 042/67221.
Products: Gypsum rock.
Specifications: Crushed gypsum rock (-75mm)

LISMAGONWAY QUARRY, Quarry no: 147
Lismagonway, Co. Monaghan.
National grid reference: H (2)6500 (3)2300.
Operator: Wright Bros, Lismagonway Quarry. Swann's Cross, Stranooden, Co. Monaghan. Tel: 042/41811.
Rock type: Greywacke. *Geological description:* Lower Palaeozoic greywacke.
Products: All sizes of road aggregates, ready-mix concrete, blocks, sand and stone.

LOSSET QUARRY, Quarry no: 148
Losset, Co. Monaghan.
National grid reference: H (2)8140 (3)0130.
Operator: Irish Stoneware & Fireclays Ltd., Losset, Carrickmacross, Co. Monaghan. Tel: 042/61256.
Rock type: Shale.
Products: Flue linings, clay land drains and chimney pots.

WATTERSON QUARRY,

Quarry no: 149

Golan, Co. Monaghan.

National grid reference: H (2)6110 (3)4450.

Nearest significant town: Monaghan.

Operator: Watterson Concrete Ltd., Golan, Carrickroe, Emyvale, Co. Monaghan. Tel: 047/87525, 047/87518. Fax: 047/87525.

Enquiries to: Mr. Anthony Watterson, Golan, Carrickroe P.O., Emyvale, Co. Monaghan. Tel: 047/87525, 047/87518. Fax: 047/87525.

Rock type: Sand and gravel.

Products: Natural ungraded sand and gravel. Stone from 2ft to 3/8".

Scale of operation: 25,000tpa.

2.19 CO. OFFALY

ARDAN PIT,
Ardan, Co. Offaly.

Quarry no: 150

National grid reference: N (2)3330 (2)2750.

Nearest significant town: Tullamore.

Operator: Michael Galvin & Sons Ltd., Arden, Tullamore, Co. Offaly. Tel: 0506/21485.

Enquiries to: Andrew Galvin.

Rock type: Sand and gravel. *Geological description:* Limestone gravel deposit.

Products: Gravel filling.

Scale of operation: 500,000 tpa.

BALLYKILMURRAY PIT,
Ballykilmurry, Co. Offaly.

Quarry no: 151

National grid reference: N (2)3100 (2)2750.

Nearest significant town: Tullamore.

Operator: Michael Galvin & Sons Ltd., Arden, Tullamore, Co. Offaly. Tel: 0506/21485. Fax: 0506/21862.

Enquiries to: Andrew Galvin. Tel: 0506/21485. Fax: 0506/21862.

Rock type: Sand and gravel. *Geological description:* Limestone gravel esker deposit.

Products: Washed and crushed stone/aggregates for filling, roadmaking, land drainage, concrete products and stone for tarmacadam.

CLONDALLOW,
Clondallon, Co. Offaly.

Quarry no: 152

National grid reference: M (1)9800 (2)1200.

Nearest significant town: Birr.

Operator: Banagher Concrete, Banagher, Co. Offaly. Tel: 0509/51417. Fax: 0509/51558.

Rock type: Sand and gravel.

Products: Limestone sand and gravel.

Specifications: Sizes - 20mm, 14mm, 10mm and sand.

Scale of operation: 300,000tpa, sporadically active.

NEWTOWN PIT,

Quarry no: 153

Newtown, Co. Offaly.

National grid reference: M (1)9870 (2)1160.

Nearest significant town: Banagher.

Operator: Banagher Concrete Ltd, Banagher, Co. Offaly. Tel: 0509/51417. Fax: 0509/51558.

Enquiries to: Banagher Concrete Ltd. Tel: 0509/51417. Fax: 0509/51558.

Rock type: Sand and gravel. **Geological description:** Sand and gravel deposit comprising approximately 80% limestone and calcite fragments and 10% sedimentary and volcanigenic chert.

Products: Sand and gravel.

TINNYCROSS PIT,

Quarry no: 154

Tinnycross, Co. Offaly.

National grid reference: N (2)3530 (2)2825.

Nearest significant town: Tullamore.

Operator: Kilsaran Concrete Products Ltd, Piercetown, Dunboyne, Co. Meath. Tel: 01/8251311. Fax: 01/8251782.

Enquiries to: Kilsaran Concrete Products Ltd, Piercetown, Dunboyne, Co. Meath. Tel: 01/8251311. Fax: 01/8251782.

Rock type: Sand and gravel.

Products: Washed aggregates, washed sand, crushed aggregates.

Specifications: DOE Clause 804.

2.20 CO. ROSCOMMON

ATHLONE PIT,

Quarry no: 155

Castlesampson, Co. Roscommon.

National grid reference: M (1)9470 (2)4070.

Nearest significant town: Athlone.

Operator: Roadstone Provinces Ltd, North West Regional Office, Two Mile Ditch, Co. Galway. Tel: 091/753509. Fax: 091/752199.

Enquiries to: Quarry Manager, Athlone Pit. Tel: 0902/92731. Fax: 0902/92369.

Rock type: Sand and gravel. *Geological description:* Carboniferous limestone gravel and sand deposit.

Products: Full range of aggregate sizes, washed sand, concrete, concrete products, mortar, asphalt, bitumen macadams.

Scale of operation: < 250,000tpa. This site has no reserves. It is the processing plant fed by pits in the surrounding area. All sales are completed from this site.

CASTLEMINE QUARRY,

Quarry no: 156

Cashelmeehan, Co. Roscommon.

National grid reference: M (1)8800 (2)7110.

Nearest significant town: Roscommon.

Operator: Roadstone Provinces Ltd, North West Regional Office, Two Mile Ditch, Co. Galway. Tel: 091/753509. Fax: 091/752199.

Enquiries to: Quarry Manager, Four Mile House. Tel: 0903/29511. Fax: 0903/29521.

Rock type: Limestone. *Geological description:* Carboniferous Limestone.

Products: Full range of aggregate sizes, agricultural ground limestone, concrete, precast concrete products, mortar, bitumen macadams.

Specifications: Physical properties - TNV 97, SG 2.68.

Scale of operation: < 250,000tpa.

KEELOGES QUARRY,

Quarry no: 157

Keeloges, Co. Roscommon.

National grid reference: G (1)8350 (3)0180.

Nearest significant town: Boyle.

Operator: Roadstone Provinces Ltd, North West Regional Office, Two Mile Ditch, Co. Galway. Tel: 091/753509. Fax: 091/752199.

Enquiries to: Quarry Manager, Keeloges Quarry, Boyle, Co. Roscommon. Tel: 079/62057.

Rock type: Limestone. *Geological description:* Carboniferous Limestone, Oakport Limestone Formation.

Products: Agricultural ground limestone, range of aggregate sizes.

Specifications: Physical properties - AAV 11, TNV 97, SG 2.7.

Scale of operation: < 250,000tpa.

LARAGAN QUARRIES LTD.

Quarry no: 158

Largan, Co. Roscommon.

National grid reference: M (1)9300 (2)8500.

Nearest significant town: Elphin.

Operator: Hanly Bros. Ltd., Laragan, Elphin, Co. Roscommon. Tel: 078/35095. Fax: 078/35292.

Enquiries to: Hanly Bros. Ltd. Tel: 078/35095. Fax: 078/35292.

Rock type: Limestone. **Geological description:** Carboniferous limestone.

Products: Broken and crushed stone.

LECARROW QUARRY,

Quarry no: 159

Galeybeg, Co. Roscommon.

National grid reference: M (1)9575 (2)5565.

Nearest significant town: Between Athlone and Roscommon.

Operator: James Murphy & Sons Ltd., Murphystown Road, Sandyford, Co. Dublin. Tel: 01/2956006, 01/2955078. Fax: 01/2953694.

Enquiries to: James Murphy and Sons Ltd., Murphystown Road, Sandyford, Co. Dublin. Tel: 01/2956006, 01/2955078. Fax: 01/2953694.

Rock type: Limestone. **Geological description:** Carboniferous limestone.

Products: Stone suitable for building, monumental and ecclesiastical work and restoration.

Specifications: Colour - Grey. Weight - 3253 kg/m³ (203lb/ft³). Aggregate sizes - various.

MCKEON'S SAND & GRAVEL PIT,

Quarry no: 160

Culliaghbeg, Co. Roscommon.

National grid reference: M (1)9050 (2)2815.

Nearest significant town: Ballinasloe.

Operator: Mr. Thomas J. McKeon, Brackernagh, Ballinasloe, Co. Galway. Tel: 0905/42521, 0905/42250. Fax: 0905/43245.

Enquiries to: Thomas, Mary or Ann. Tel: 0905/42250. Fax: 0905/43245.

Rock type: Sand and gravel. **Geological description:** Limestone gravel.

Products: Plastering and blocklaying sand, washed aggregate, crushed stone, washed drainage chips, dry screened gravel, screened stone, pit run fill.

Specifications: Physical properties - ACV 35, CaCO₃ 94.39%, SiO₂ 1.31%. DOE Clause 804.

2.21 CO. SLIGO

ABBEYTOWN QUARRY,
Abbeytown, Co. Sligo.

Quarry no: 161

National grid reference: G (1)6600 (3)2950.

Nearest significant town: Sligo.

Operator: Frank Harrington Concrete Sligo Ltd., Ballysadare, Co. Sligo. Tel: 071/67254.

Enquiries to: Frank Harrington Concrete Sligo Ltd. Tel: 071/67254.

Rock type: Limestone. *Geological description:* Carboniferous Limestone.

Products: Washed aggregates, road chippings, rock filling, ready-mix concrete, concrete blocks and concrete pipes.

AUGHAMORE PIT,
Aghamore Far, Co. Sligo.

Quarry no: 162

National grid reference: G (1)7090 (3)3180.

Nearest significant town: Sligo.

Operator: Maye Concrete Ltd., Wine Street, Sligo. Tel: 071/62248. Fax: 071/69582.

Enquiries to: Sean McQuaid, Wine Street, Sligo. Tel: 071/62248. Fax: 071/69582.

Rock type: Sand and gravel. *Geological description:* Limestone sand and gravel deposit.

Products: Crushed and washed aggregates for various uses including roadmaking and concrete products. Concrete pavers.

AUGHAMORE QUARRY,
Aghamore Near, Co. Sligo.

Quarry no: 163

National grid reference: G (1)7025 (3)3185.

Nearest significant town: Sligo.

Operator: Maye Concrete Ltd., Wine Street, Sligo. Tel: 071/62248. Fax: 071/69582.

Enquiries to: Quarry Manager or Sean McQuaid or A. McGlone, Wine Street, Sligo. Tel: 071/62248. Fax: 071/69582.

Rock type: Limestone. *Geological description:* Carboniferous limestone.

Products: Crushed stone suitable for roadmaking materials. Ready-mix concrete and mortar, concrete blocks all sizes, concrete pavers various colours, concrete kerbs, bituminous products, contract resurfacing with wetmix asphalt and bitumen macadam.

Specifications: DOE Clause 803, 804, 810 & 616.

2.22 CO. TIPPERARY

ASHGROVE PIT,

Quarry no: 164

Ashgrove, Co. Tipperary.

National grid reference: R (1)9410 (1)2970.

Nearest significant town: Tipperary.

Operator: Gleeson Concrete Ltd., Donohill, Co. Tipperary. Tel: 062/76111.

Enquiries to: Dominic Morrissey, Gleeson Concrete Limited, Donohill, Co. Tipperary. Tel: 062/76111.

Rock type: Sand and gravel.

Products: Concrete blocks, ready-mix concrete, washed sand, washed gravel, washed chippings, crushed stone, growlime, wet mix macadam.

Specifications: DOE Clause 804.

BIRDHILL QUARRY,

Quarry no: 165

Lackenavea, Co. Tipperary.

National grid reference: R (1)7200 (1)6850.

Nearest significant town: Killaloe.

Operator: Irish Cement Ltd., Castlemungret, Co. Limerick. Tel: 061/304444. Fax: 061/304440.

Enquiries to: The Manager, Irish Cement Limited, Castlemungret, Co. Limerick. Tel: 061/304444. Fax: 061/304440.

Rock type: Shale. *Geological description:* Silurian greywackes, sandstones and mudstones.

Products: Shale for use in cement manufacture.

Scale of operation: 150,000 - 200,000tpa.

CAHIR PIT,

Quarry no: 166

Caberabbey Lower, Co. Tipperary.

National grid reference: S (2)0530 (1)2630.

Nearest significant town: Cahir.

Operator: Roadstone Provinces Ltd, Mid West Regional Office, Bunratty, Co. Clare. Tel: 061/361577. Fax: 061/361742.

Enquiries to: Quarry Manager, Cahir. Tel: 052/41333.

Rock type: Sand and gravel. *Geological description:* Limestone and sandstone sand and gravel deposit.

Products: Washed sand and gravel, range of aggregate sizes, concrete.

Specifications: Physical properties - SG 2.65.

Scale of operation: < 250,000tpa.

CORVILLE PIT.

Quarry no: 167

Clybanane, Co. Tipperary.

National grid reference: S (2)1215 (1)8995.

Nearest significant town: Roscrea.

Operator: Laurence Charles Bowe, Ballyquaide, Ballybrophy, Portlaoise, Co. Laois.
Tel: 0505/41266.

Enquiries to: Laurence Charles Bowe, Ballyquaide, Ballybrophy, Portlaoise, Co. Laois.
Tel: 0505/41266.

Rock type: Sand and gravel.

Products: Aggregate suitable for ready-mix concrete and concrete blocks.

Specifications: Aggregate size - 3mm to 25mm.

Scale of operation: 8000 - 10,000tpa.

CROGUE PIT,

Quarry no: 168

Corrogemore, Co. Tipperary.

National grid reference: R (1)9080 (1)3570.

Nearest significant town: Tipperary.

Operator: Gleeson Concrete Ltd., Concrete Products, Donohill, Co. Tipperary. Tel:
062/76111.

Enquiries to: Dominic Morrissey, Gleeson Concrete Ltd., Donohill, Co. Tipperary. Tel:
062/76111.

Rock type: Sand and gravel.

Products: Concrete blocks, ready-mix concrete, washed sand, washed gravel, washed chippings, crushed stone, grolime, wet mix macadam.

Specifications: DOE Clause 804.

JAMES KEATING PIT,

Quarry no: 169

Ballydrehid, Co. Tipperary.

National grid reference: S (2)0330 (1)2815.

Nearest significant town: Cahir.

Operator: Matt Keating Silver Sand and Gravel (Cahir) Ltd., Ballydrehid, Cahir, Co. Tipperary. Tel: 052/41267. Fax: 052/41368.

Enquiries to: Michael Keating, "Ard Mhuire", Cahir, Co. Tipperary . Tel: 052/41267.
Fax: 052/41368.

Rock type: Sand and gravel. **Geological description:** Glacial gravel ridge.

Products: Washed sand and gravel, washed aggregates, washed stone, crushed stone, mill waste, screened gravel, screened stone.

Specifications: Aggregate sizes - 6mm, 10mm, 15mm, 20mm, 40mm, 75mm, 125mm.

Scale of operation: 25,000 - 40,000tpa.

KILLOUGH QUARRY, Quarry no: 170
Killough, Co. Tipperary.
National grid reference: S (2)1110 (1)5070.
Nearest significant town: Thurles.
Operator: Quarries Operations Greencore, Killough Quarry, Thurles, Co. Tipperary.
Tel: 0504/41254. Fax: 0504/41236.
Enquiries to: Matthew Jennings, Killough Quarry, Thurles, Co. Tipperary. Tel:
0504/41254. Fax: 0504/41236.
Rock type: Limestone. *Geological description:* Asbian limestone.
Products: Agricultural ground limestone, road aggregates of all sizes, kiln stone and
industrial limestone fines. Ground limestone, limestone flour for animal feed, limestone
grit, all grades of aggregate, wet mix macadam, kiln stone.
Specifications: Chemical composition - CaCO₃ > 98% and SiO₂ < 0.3%
Scale of operation: up to 300,000tpa.

LAFFANSBRIDGE QUARRY, Quarry no: 171
Manserghshill, Co. Tipperary.
National grid reference: S (2)1920 (1)4680.
Nearest significant town: Killenaule.
Operator: Gleeson Quarries Ltd., Laffansbridge, Thurles, Co. Tipperary. Tel:
052/56117.
Enquiries to: Michael Fielding, Gleeson Quarries Ltd., Laffansbridge, Thurles, Co.
Tipperary. Tel: 052/56117.
Rock type: Limestone. *Geological description:* Asbian limestone.
Products: Concrete blocks, ready-mix concrete, washed sand and gravel, agricultural
lime, ready-mix mortar and crushed stone. Chippings, wet mix macadam and grolime.
Specifications: DOE Clause 804.

ROBINSON'S PIT, Quarry no: 172
Ballydrehid, Co. Tipperary.
National grid reference: S (2)0385 (1)2765.
Nearest significant town: Cahir.
Operator: Matt Keating Silver Sand and Gravel (Cahir) Ltd., Ballydrehid, Cahir, Co.
Tipperary. Tel: 052/41267. Fax: 052/41368.
Enquiries to: Michael Keating, "Ard Mhuire", Cahir, Co. Tipperary, 052/41267. Tel:
052/41267. Fax: 052/41368.
Rock type: Sand and gravel. *Geological description:* Glacial gravel ridge.
Products: Washed sand and gravel, washed aggregates, washed stone, crushed stone,
mill waste, screened gravel, screened stone.
Specifications: Sizes - 6mm, 10mm, 15mm, 20mm, 40mm, 75mm, 100mm and
125mm.
Scale of operation: 25,000 - 40,000tpa.

THOMASTOWN QUARRY,

Quarry no: 173

Thomastown Demesne, Co. Tipperary.

National grid reference: R (1)9860 (1)3670.

Nearest significant town: Tipperary.

Operator: Gleeson Concrete Ltd., Concrete Products, Donohill, Co. Tipperary. Tel: 062/76111.

Enquiries to: Dominic Morrisey, Gleeson Concrete Ltd., Donohill, Co. Tipperary. Tel: 062/76111.

Rock type: Limestone, Sand and gravel. *Geological description:* Visean shelf limestone. Also fluvioglacial deposits.

Products: Concrete blocks, ready-mix concrete, washed sand, washed gravel, crushed stone all sizes, grolime, washed chippings, wet mix macadam.

Specifications: DOE Clause 804.

2.23 CO. WATERFORD

CAPPAGH QUARRY,
Kilgreany, Co. Waterford.

Quarry no: 174

National grid reference: X (2)1750 (0)9480.

Operator: John A. Wood Ltd., Carrigrohane Road, Victoria Cross, Cork. Tel: 021/54281.

Enquiries to: John A Wood Ltd., Cappagh Quarry, Whitechurch. Tel: 058/68189.

Rock type: Limestone. *Geological description:* Carboniferous limestone.

Products: All sizes of chippings, graded aggregates, hardcore, agricultural limestone, ready-mix concrete.

CARROLL'S CROSS QUARRY,
Greenan, Co. Waterford.

Quarry no: 175

National grid reference: S (2)4505 (1)0785.

Nearest significant town: Waterford.

Operator: Roadstone Provinces Ltd, South East Regional Office, Kilmacow. Tel: 051/95249. Fax: 051/95405.

Enquiries to: Quarry Manager, Carroll's Cross, Kilmacthomas, Co. Waterford. Tel: 051/94102. Fax: 051/94521.

Rock type: Rhyolite. *Geological description:* Ordovician porphyritic rhyolite, Duncannon Group.

Products: Full range of aggregate sizes, concrete, precast concrete products.

Specifications: Physical properties - PSV 61, AAV 7, SG 2.62.

Scale of operation: < 250,000tpa.

2.24 CO. WESTMEATH

BALLYKEERAN PIT,
Ballykeeran, Co. Westmeath.

Quarry no: 176

National grid reference: N (2)0700 (2)4400.

Nearest significant town: Athlone.

Operator: Roadstone Provinces Ltd, North West Regional Office, Two Mile Ditch, Co. Galway. Tel: 091/753509. Fax: 091/752199.

Enquiries to: Quarry Manager, Athlone Pit. Tel: 0902/92731. Fax: 0902/92369.

Rock type: Sand and gravel. *Geological description:* Glacial deposit of gravel.

Products: Dry screened gravel.

Scale of operation: < 250,000tpa (see Athlone Pit)

KNOCKMANT PIT,
Knockmant, Co. Westmeath.

Quarry no: 177

National grid reference: N (2)5300 (2)5080.

Nearest significant town: Mullingar.

Operator: Kilsaran Concrete Products Ltd., Piercetown, Dunboyne, Co. Meath. Tel: 01/8251311. Fax: 01/8251782.

Enquiries to: Kilsaran Concrete Group, Piercetown, Dunboyne, Co. Meath. Tel: 01/8251311. Fax: 018251782.

Rock type: Sand and gravel.

Products: Washed aggregates, crushed aggregates, washed sand and readymix concrete.

PORTNASHANGAN QUARRY,
Portnashangan, Co. Westmeath.

Quarry no: 178

National grid reference: N (2)4180 (2)5910.

Nearest significant town: Mullingar.

Operator: J.J. Flood & Sons (Oldcastle) Ltd., The Murrens, Oldcastle, Co. Meath. Tel: 049/41212. Fax: 049/41777.

Enquiries to: John Farrelly, Portnashangan, Co. Westmeath. Tel: 044/61398. Fax: 049/41777.

Rock type: Limestone. *Geological description:* Carboniferous Limestone.

Products: Rock fill to 6" crusher run. Building stone.

Specifications: Limestone 45% silica. Physical properties - PSV 58. DOE Clause 803, 804, 805, 810.

Scale of operation: 100,000tpa.

QUIRKES QUARRY,

Quarry no: 179

Coolatoor, Co. Westmeath.

National grid reference: N (2)2410 (2)4323.

Nearest significant town: Moate.

Operator: M F Quirke and Sons, Rosemount, Moate, Co. Westmeath. Tel: 0902/36252.

Enquiries to: M F Quirke and Sons, Rosemount, Moate, Co. Westmeath. Tel: 0902/36252.

Rock type: Limestone. *Geological description:* Crinoidal limestone.

Products: All grades of crushed aggregate. Tarmacadam.

Specifications: DOE Clause 804 and 810 Wet-Mix.

RIVERDALE PIT,

Quarry no: 180

Riverdale, Co. Westmeath.

National grid reference: N (2)6200 (2)5100.

Nearest significant town: Mullingar.

Operator: River Securities Ltd., Riverdale, Raharney, Co. Westmeath. Tel: 044/74217. Fax: 044/74217.

Enquiries to: River Securities Ltd., Riverdale, Raharney, Co. Westmeath. Tel: 044/74217. Fax: 044/74217.

Rock type: Sand and gravel.

Products: High quality sand (sharp and fine), pebble and stone fill, drainage pebble and screened gravel.

Specifications: Pebble size - 0.25 to 1.0 inch. Stone size - 2.0 to 6.0 inches.

Scale of operation: up to 840,000tpa.

RIVERPARK PIT,

Quarry no: 181

Moategranoge, Co. Westmeath.

National grid reference: N (2)1800 (2)3800.

Nearest significant town: Moate.

Operator: Ross Bros., Riverpark, Moate, Co. Westmeath. Tel: 0902/81228.

Enquiries to: Ross Bros., Riverpark, Moate, Co. Westmeath. Tel: 0902/81228.

Rock type: Sand and gravel. *Geological description:* Esker ridge.

Products: Graded sand, gravel and stones.

Scale of operation: up to 50,000tpa.

SPLIT HILLS PIT,

Quarry no: 182

Toorlisnamore, Co. Westmeath.

National grid reference: N (2)3400 (2)3850.

Nearest significant town: Mullingar, Tullamore.

Operator: John Gannon & Sons Ltd., Hazelwood, Kilbeggan, Co. Westmeath. Tel: 0506/32126. Fax: 0506/32271.

Enquiries to: John or Patricia Gannon, Hazelwood, Kilbeggan, Co. Westmeath. Tel: 0506/32126. Fax: 0506/32271.

Rock type: Sand and gravel. **Geological description:** Limestone esker ridge deposit.

Products: Limestone chippings of all sizes, roadmaking and road base materials, wet mix macadam, plastering and block sand, gravel, ready-mix concrete and concrete blocks.

Specifications: Physical properties - PSV 44. DOE Clause 803 and 804.

2.25 CO. WEXFORD

BALLYKELLY QUARRY,
Ballykelly, Co. Wexford.

Quarry no: 183

National grid reference: S (2)7170 (1)2120.

Nearest significant town: New Ross.

Operator: Thomas McGrath, Oaklands, New Ross, Co. Wexford.

Enquiries to: Vincent Crotty, Quarry Manager. Tel: 051/21634, 051/21330.

Rock type: Shale.

Products: Crushed rock and screenings, washed dust, washed pebble, shale filling.
Materials suitable for roads, foundations and drainage.

Specifications: Aggregate sizes - 4", 2", 1"

Scale of operation: Approximately 300,000tpa.

BALLYNAMONA PIT,
Ballynamona, Co. Wexford.

Quarry no: 184

National grid reference: T (3)1588 (1)3815.

Nearest significant town: Wexford.

Operator: Roadstone Provinces Ltd, South East Regional Office, Kilmacow, Co. Kilkenny. Tel: 051/95249. Fax: 051/95405.

Enquiries to: Roadstone Provinces Ltd., Brownswood Quarry, Enniscorthy, Co. Wexford. Tel: 054/33455. Fax: 054/35940.

Rock type: Sand and gravel. *Geological description:* Sand deposit, sandstone and quartzite.

Products: Dry screened sand and gravel, washed sand.

Specifications: Physical properties - SG 2.65.

Scale of operation: < 250,000tpa.

BROWNSWOOD QUARRY,
Brownswood, Co. Wexford.

Quarry no: 185

National grid reference: S (2)9783 (1)3714.

Nearest significant town: Enniscorthy.

Operator: Roadstone Provinces Ltd, South East Regional office, Kilmacow, Co. Kilkenny. Tel: 051/95249. Fax: 051/95405.

Enquiries to: Quarry Manager, Brownswood Quarry, Enniscorthy, Co. Wexford. Tel: 054/33455. Fax: 054/35940.

Rock type: Granodiorite. *Geological description:* Ordovician Duncannon Group granodiorite.

Products: Full range of aggregate sizes, precast concrete blocks, concrete products, bitumen macadam, asphalt.

Specifications: Physical properties - PSV 58, AAV 3, SG 2.61.

Scale of operation: 250,000 - 500,000tpa.

DRUMDERRY QUARRIES,
Drumderry, Co. Wexford.

Quarry no: 186

National grid reference: S (2)9035 (1)5820.

Nearest significant town: Bunclody.

Operator: Mr. Jay Kavanagh, Ballinlug, Killanne, Enniscorthy, Co. Wexford. Tel: 054/55255.

Enquiries to: Mr. Jay Kavanagh, Ballinlug, Killanne, Enniscorthy, Co. Wexford. Tel: 054/55255.

Rock type: Sand and gravel.

Products: Plastering sand, graded gravel and graded stones.

OAKLANDS QUARRY,
Oaklands, Co. Wexford.

Quarry no: 187

National grid reference: S (2)7155 (1)2620.

Operator: Thomas McGrath, Oaklands, New Ross, Co. Wexford. Tel: 051/21330.

Enquiries to: Vincent Crotty, Quarry Manager. Tel: 051/21634, 051/21330.

Rock type: Whinstone.

Products: Quarry run rock for deep fills.

2.26 CO. WICKLOW

BADGER ROCK 1,
Togher, Co. Wicklow.

Quarry no: 188

National grid reference: N (2)9991 (2)0369.

Nearest significant town: Blessington.

Operator: JMK Ryan Ltd, Industrial Estate, Blessington, Co. Wicklow. Tel: 045/65139.
Fax: 045/65747.

Enquiries to: JMK Ryan Ltd, Industrial Estate, Blessington, Co. Wicklow. Tel:
045/65139. Fax: 045/65747.

Rock type: Granite.

Products: Building and dimension stone.

Specifications: Coarse to medium grained white biotite granite, with a significant mica content.

Scale of operation: 1000-2000tpa.

BADGERS ROCK 2,
Granabeg Upper, Co. Wicklow.

Quarry no: 189

National grid reference: O (3)0011 (2)0345.

Nearest significant town: Blessington.

Operator: JMK Ryan Ltd, Industrial Estate, Blessington, Co. Wicklow. Tel: 045/65139.
Fax: 045/65747.

Enquiries to: JMK Ryan Ltd, Industrial Estate Blessington, Co. Wicklow. Tel:
045/65139. Fax: 045/65747.

Rock type: Granite.

Products: Building and dimension stone.

Specifications: Coarse to medium grained, white biotite granite, with a significant mica content.

Scale of operation: 1000-2000tpa.

BALLINCLARE QUARRY,
Kilbride, Co. Wicklow.

Quarry no: 190

National grid reference: T (3)2550 (1)8990.

Nearest significant town: Rathnew.

Operator: S.M Morris, Bromley, Kilpeddar, Co. Wicklow. Tel: 0404/48231. Fax: 0404/48259.

Enquiries to: S.M Morris, Ballinclare Quarry, Kilbride, Co. Wicklow. Tel: 0404/48231. Fax: 0404/48259.

Rock type: Basalt.

Products: Aggregate.

Specifications: Sizes - Screenings 1" down, 4mm-6mm, 6mm-10mm, 10mm-14mm, 14mm-20mm, 20mm-28mm, 28mm-40mm, 28mm-65mm, 40mm-100mm. British Standards.

Scale of operation: Approximately 200,000tpa.

BALLYKNOCKAN QUARRY,
Ballyknockan, Co. Wicklow.

Quarry no: 191

National grid reference: O (3)0075 (2)0685.

Nearest significant town: Blessington.

Operator: Stone Developments Ltd., Ballybrew Quarries, Enniskerry, Co. Wicklow. Tel: 01/2828411, 01/2862981. Fax: 01/2860449.

Enquiries to: Mr Larry Sharp, Stone Developments Limited, Ballybrew Quarries, Enniskerry, Co. Wicklow.

Rock type: Granite. *Geological description:* Biotite granite, part of the Wicklow granite complex.

Products: Granite for architectural, monumental and building use. Ashlar, paving and cladding.

Specifications: Block size - one to three cubic metre. Colour - grey, white or brown. Compressive strength - 163/106 MPa. Modulus of rupture - 8.78/6.48 MPa.

Scale of operation: 2,400tpa.

CALARY QUARRY,
Killough Upper, Co. Wicklow.

Quarry no: 192

National grid reference: O (3)2280 (2)1280.

Nearest significant town: Bray.

Operator: Roadstone Dublin Ltd, Fortunestown, Tallaght, Dublin 24. Tel: 01/4525555. Fax: 01/4525578.

Enquiries to: Quarry Manager, Calary Quarry, Kilmacanogue, Co. Wicklow. Tel: 01/2868166.

Rock type: Greywacke. *Geological description:* Lower Palaeozoic Greywacke.

Products: Quarry fill, granular fill and broken stone.

Scale of operation: < 250,000tpa.

CARNEGIE'S PIT, Quarry no: 193
Dillonsdown, Co. Wicklow.
National grid reference: N (2)9790 (2)1640.
Nearest significant town: Blessington.
Operator: J.W. Carnegie & Co. Ltd, Sweetmans Ave, Blackrock, Co. Dublin. Tel: 01/2831109. Fax: 01/2882458 .
Enquiries to: Frank Broughal. Tel: 045/65618, 045/65610.
Rock type: Sand and gravel. *Geological description:* Glacial limestone gravel.
Products: Washed pebbles, washed sand for plastering, concrete and asphalt, screened sand for mortar and concrete, crushed gravel fill.
Specifications: Pebble sizes - 10mm, 20mm, 40mm. DOE Clause 803.

DORAN'S PIT, Quarry no: 194
Dillonsdown, Co. Wicklow.
National grid reference: N (2)9770 (2)1590.
Nearest significant town: Blessington.
Operator: Roadstone Dublin Ltd, Fortunestown, Tallaght, Dublin 24. Tel: 01/4525555. Fax: 01/4525578.
Enquiries to: Quarry Manager, Doran's Pit, Blessington, Co. Wicklow. Tel: 045/65106.
Rock type: Sand and gravel. *Geological description:* Deposit of limestone sand and gravel.
Products: Full range of washed sand and gravel, aggregates.
Scale of operation: > 500,000tpa.

PARNELL QUARRY, Quarry no: 195
Rock Big, Co. Wicklow.
National grid reference: T (3)2500 (1)7100.
Nearest significant town: Arklow.
Operator: Roadstone Exports Ltd, Arklow, Co. Wicklow. Tel: 0402/32016. Fax: 0402/32018.
Enquiries to: Quarry Manager, Parnell Quarry. Tel: 0402/32016. Fax: 0402/32018.
Rock type: Dolerite. *Geological description:* Dolerite/diabase.
Products: All sizes of road aggregates, mostly for export, concrete products, armourstone.
Specifications: Physical properties - PSV 52, AIV 9, ACV 11, AAV 3.5, 10% fines 380kN, SG 2.82 .
Scale of operation: > 500,000tpa.

TOMRILAND SAND & GRAVEL PIT,

Quarry no: 196

Tomriland, Co. Wicklow.

National grid reference: T (3)2020 (1)9820.

Nearest significant town: Roundwood.

Operator: Mrs. Joyce Fagan, Tomriland, Annamoe, Bray, Co. Wicklow. Tel: 0404/45211.

Rock type: Sand and gravel.

Products: Sand and gravel.

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Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
The quarry sites will be recognised by their QUARRY NUMBER on MAPS 1 - 3 at the end of the Directory.

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Knocknacran Mine	Monaghan	146
Lead		
Navan Mine	Meath	137
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Ballyellen Limestone Flour Works	Carlow	1
Clogrennane Quarry	Carlow	2
James Walshe Quarry,	Carlow	3
Aughrim Quarry	Cavan	6
Bunratty Quarry	Clare	11
McGrath Limestone Quarry	Clare	16
Toonagh Quarry	Clare	17
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Ballygarvan Quarry	Cork	19
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Castlemore Quarry	Cork	23
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Ballintra Quarry	Donegal	37
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Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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Limestone (cont.)		
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Holdensrath Quarry	Kilkenny	95
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Ballyadams Quarry	Laois	101
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Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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Drimaghey Quarry	Donegal	45
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Altclough Quarry	Donegal	36
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Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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Quarry name	Rock/mineral type (County)	Quarry no.
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Clashanure Pit	Cork	24
Classes Pit	Cork	25
Ellis Quarry	Cork	26
Garryhesta Pit	Cork	27
Lower Garryhesta Pit	Cork	30
Tullig Pit	Cork	33
Birdstown Pit	Donegal	40
Cassidy's Pit	Donegal	42
Gransha No. 1 Pit	Donegal	48
Littlewood Pit	Dublin	60
North Dublin Stone	Dublin	62
Ballydotia Pit	Galway	66
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	Sand and gravel (cont.)	
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Newtown Pit	Offaly	153
Tinnycross Pit	Offaly	154
Athlone Pit	Roscommon	155
McKeon's Sand & Gravel Pit	Roscommon	160
Aughamore Pit	Sligo	162
Ashgrove Pit	Tipperary	164
Cahir Pit	Tipperary	166
Corville Pit	Tipperary	167
Croque Pit	Tipperary	168
James Keating Pit	Tipperary	169
Robinson's Pit	Tipperary	172
Thomastown Quarry	Tipperary	173
Ballykeeran Pit	Westmeath	176
Knockmant Pit	Westmeath	177
Riverdale Pit	Westmeath	180
Riverpark Pit	Westmeath	181
Split Hills Pit	Westmeath	182
Ballynamona Pit	Wexford	184
Drumderry Quarries	Wexford	186
Carnegie's Pit	Wicklow	193
Doran's Pit	Wicklow	194
Tomriland Sand & Gravel Pit	Wicklow	196

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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ROCK/MINERAL TYPE INDEX Cont.

Quarry name	Rock/mineral type (County)	Quarry no.
Sandstone		
Cliff Quarry	Clare	12
Derreen Quarry	Clare	13
Kineilty Quarry	Clare	14
Luogh Quarry	Clare	15
Ballygarvan Sandstone Quarry	Cork	20
Killeady Quarry	Cork	28
Leahill Quarry	Cork	29
West Cork Stone Quarry	Cork	34
Granaghan's Quarry	Donegal	47
Mountcharles Quarry	Donegal	52
Upper Gransha No. 2	Donegal	54
Caireil Na Riochta Teo	Kerry	79
Minard Quarry	Kerry	83
Bragan	Monaghan	142
Shale		
Ballycar Quarry	Clare	9
Upper Gransha No. 2	Donegal	54
Hollywood Quarry	Dublin	58
Ormonde Brick Shale	Kilkenny	98
Molly Quarry	Longford	113
Denhamstown Quarry	Meath	127
Donore Quarry	Meath	129
Mullaghdillon Quarry	Meath	134
Losset Quarry	Monaghan	148
Birdhill Quarry	Tipperary	165
Ballykelly Quarry	Wexford	183
Silica sand		
Carrickleck	Meath	125
Carrickleck	Meath	126

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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ROCK/MINERAL TYPE INDEX Cont.

Quarry name	Rock/mineral type (County)	Quarry no.
	Whinstone	
Taghart Quarry	Cavan	8
Drimaghey Quarry	Donegal	45
The Mullagh Quarry	Meath	135
Drumgavney Ballybay	Monaghan	145
Oaklands Quarry	Wexford	187
	Zinc	
Navan Mine	Meath	137

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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PRODUCTS INDEX

Quarry name	Products (County)	Quarry no
	Aggregate	
Ballyellen Limestone Flour Works	Carlow	1
Kildavin Pit	Carlow	4
Liam Conway and Sons Ltd.	Carlow	5
Clarke's Quarry	Cavan	7
Taghart Quarry	Cavan	8
Ballyquin Pit	Clare	10
Bunratty Quarry	Clare	11
Cliff Quarry	Clare	12
McGrath Limestone Quarry	Clare	16
Toonagh Quarry	Clare	17
Ballybeg Quarry	Cork	18
Ballygarvan Quarry	Cork	19
Ballygarvan Sandstone Quarry	Cork	20
Carrigaline Quarry	Cork	21
Carrigtwohill Quarry	Cork	22
Castlemore Quarry	Cork	23
Clashanure Pit	Cork	24
Classes Pit	Cork	25
Ellis Quarry	Cork	26
Garryhesta Pit	Cork	27
Killeady Quarry	Cork	28
Leahill Quarry	Cork	29
Lower Garryhesta Pit	Cork	30
Mallow Quarry	Cork	31
Milebush Quarry	Cork	32
Tullig Pit	Cork	33
Ballintra Quarry	Donegal	37
Ballymagroarty Quarry	Donegal	39
Birdstown Pit	Donegal	40
Cashel Quarry	Donegal	41
Cassidy's Pit	Donegal	42
Drimaghey Quarry	Donegal	45
Granaghan's Quarry	Donegal	47
Gransha No. 1 Pit	Donegal	48
Kiltole Quarry	Donegal	49
Knockybrin Quarry	Donegal	50

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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PRODUCTS INDEX Cont.

Quarry name	Products (County)	Quarry no.
	Aggregate (cont.)	
Lagby Quarry	Donegal	51
Belgard Quarry	Dublin	56
Feltrim Quarry	Dublin	57
Hollywood Quarry	Dublin	58
Huntstown Quarry	Dublin	59
Littlewood Pit	Dublin	60
Milverton Quarry	Dublin	61
North Dublin Stone	Dublin	62
Tubbersuil	Dublin	64
Windmillhill Quarry	Dublin	65
Ballydotia Pit	Galway	66
Ballyfa Pit	Galway	67
Connemara Sand and Gravel	Galway	69
Esker Pit	Galway	70
Knockshangarry	Galway	71
Pollremon Pit	Galway	73
Sheppards	Galway	74
Tonroe Quarry	Galway	75
Two Mile Ditch Quarry	Galway	77
Ballyegan Quarry	Kerry	78
Caireil Na Riochta Teo	Kerry	79
Casey's Pit	Kerry	80
Killarney Pit	Kerry	81
Rangue Pit	Kerry	84
Sackville Quarry	Kerry	85
Allen Quarry	Kildare	86
Farrell's Pit	Kildare	87
Hempstown Commons Pit	Kildare	88
Kilsaran Concrete Ltd	Kildare	89
Lowtown Quarry	Kildare	90
The Quarry Kilmeague.	Kildare	91
Walshestown Pit	Kildare	92
Dunbell Big Quarry	Kilkenny	93
Dunmore Pit	Kilkenny	94
Kilmacow Quarry	Kilkenny	97
Sheastown Pit	Kilkenny	99

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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PRODUCTS INDEX Cont.

Quarry name	Products (County)	Quarry no.
	Aggregate (cont.)	
Ballyadams Quarry	Laois	101
Campion's Quarry	Laois	102
Carroll Quarry	Laois	103
Bird's Quarry	Leitrim	104
Lurganboy Quarry	Leitrim	105
Ballyneety Quarry	Limerick	106
Barrigone Quarry	Limerick	107
Creeves Quarry Ltd.	Limerick	109
Gooig Pit	Limerick	110
Montpelier Pit	Limerick	111
Oldcourt Quarry	Limerick	112
Molly Quarry	Longford	113
Moyne Quarry	Longford	114
Cumiskey's Pit	Louth	115
Dunleer Quarry	Louth	116
Rampark Pit	Louth	117
Ballinasmalle Pit	Mayo	118
Castlebar Quarry	Mayo	119
Cave Pit	Mayo	120
Collagagh	Mayo	121
Drumbane Pit	Mayo	122
Balty Pit	Meath	123
Barley Hill Quarry	Meath	124
Denhamstown Quarry	Meath	127
Doherty's Pit	Meath	128
Donore Quarry	Meath	129
Greenhills Pit	Meath	130
Kilsaran Concrete Ltd.	Meath	131
Milltown Pit	Meath	132
Mullaghcrone Quarry	Meath	133
The Mullagh Quarry	Meath	135
Murrans Quarry	Meath	136
Platin Quarry	Meath	138
Slane Quarry	Meath	139
Swainstown Quarry	Meath	140
Trim Quarry	Meath	141

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PRODUCTS INDEX Cont.

Quarry name	Products (County)	Quarry no.
	Aggregate (cont.)	
Castleblaney Quarry	Monaghan	143
Donagh Quarry	Monaghan	144
Drumgavney Ballybay	Monaghan	145
Lismagonway Quarry	Monaghan	147
Watterson Quarry	Monaghan	149
Ardan Pit	Offaly	150
Ballykilmurray Pit	Offaly	151
Clondallow	Offaly	152
Newtown Pit	Offaly	153
Tinnycross Pit	Offaly	154
Athlone Pit	Roscommon	155
Castlemine Quarry	Roscommon	156
Keeloges Quarry	Roscommon	157
Laragan Quarries Ltd.	Roscommon	158
McKeon's Sand & Gravel Pit	Roscommon	160
Abbeytown Quarry	Sligo	161
Aughamore Pit	Sligo	162
Aughamore Quarry	Sligo	163
Ashgrove Pit	Tipperary	164
Cahir Pit	Tipperary	166
Corville Pit	Tipperary	167
Croque Pit	Tipperary	168
James Keating Pit	Tipperary	169
Killough Quarry	Tipperary	170
Laffansbridge Quarry	Tipperary	171
Robinson's Pit	Tipperary	172
Thomastown Quarry	Tipperary	173
Cappagh Quarry	Waterford	174
Carroll's Cross Quarry	Waterford	175
Ballykeeran Pit	Westmeath	176
Knockmant Pit	Westmeath	177
Portnashangan Quarry	Westmeath	178
Quirk's Quarry	Westmeath	179
Riverdale Pit	Westmeath	180
Riverpark Pit	Westmeath	181
Split Hills Pit	Westmeath	182

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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PRODUCTS INDEX Cont.

Quarry name	Products (County)	Quarry no.
	Aggregate (cont.)	
Ballykelly Quarry	Wexford	183
Ballynamona Pit	Wexford	184
Brownswood Quarry	Wexford	185
Drumderry Quarries	Wexford	186
Oaklands Quarry	Wexford	187
Ballinclare Quarry	Wicklow	190
Calary Quarry	Wicklow	192
Carnegie's Pit	Wicklow	193
Doran's Pit	Wicklow	194
Parnell Quarry	Wicklow	195
Tomriland Sand & Gravel Pit	Wicklow	196

Agricultural Ground Limestone

Ballyellen Limestone Flour Works	Carlow	1
McGrath Limestone Quarry	Clare	16
Ballybeg Quarry	Cork	18
Ballygarvan Quarry	Cork	19
Carrigtwohill Quarry	Cork	22
Castlemore Quarry	Cork	23
Mallow Quarry	Cork	31
Milebush Quarry	Cork	32
Ballintra Quarry	Donegal	37
Cashel Quarry	Donegal	41
Milverton Quarry	Dublin	61
Two Mile Ditch Quarry	Galway	77
Ballyegan Quarry	Kerry	78
Sackville Quarry	Kerry	85
Dunbell Big Quarry	Kilkenny	93
Kilmacow Quarry	Kilkenny	97
Campion's Quarry	Laois	102
Ballyneety Quarry	Limerick	106
Creeves Quarry Ltd.	Limerick	109
Castlebar Quarry	Mayo	119
Barley Hill Quarry	Meath	124
Castlemine Quarry	Roscommon	156

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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PRODUCTS INDEX Cont.

Quarry name	Products (County)	Quarry no.
Keeloges Quarry	Roscommon	157
Ashgrove Pit	Tipperary	164
Croque Pit	Tipperary	168
Killough Quarry	Tipperary	170
Laffansbridge Quarry	Tipperary	171
Thomastown Quarry	Tipperary	173
Cappagh Quarry	Waterford	174
Bricks		
Ormonde Brick Shale	Kilkenny	98
Mullaghdillon Quarry	Meath	134
Cement		
Birdhill Quarry	Tipperary	165
Concrete		
Kildavin Pit	Carlow	4
Clarke's Quarry	Cavan	7
Taghart Quarry	Cavan	8
Bunratty Quarry	Clare	11
Toonagh Quarry	Clare	17
Ballygarvan Quarry	Cork	19
Carrigtwohill Quarry	Cork	22
Castlemore Quarry	Cork	23
Classes Pit	Cork	25
Garryhesta Pit	Cork	27
Mallow Quarry	Cork	31
Milebush Quarry	Cork	32
Tullig Pit	Cork	33
Ballymagroarty Quarry	Donegal	39
Birdstown Pit	Donegal	40
Laghy Quarry	Donegal	51
Belgard Quarry	Dublin	56
Feltrim Quarry	Dublin	57
Huntstown Quarry	Dublin	59

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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PRODUCTS INDEX Cont.

Quarry name	Products (County)	Quarry no.
	Concrete (cont.)	
Pollremon Pit	Galway	73
Tonroe Quarry	Galway	75
Two Mile Ditch Quarry	Galway	77
Casey's Pit	Kerry	80
Killarney Pit	Kerry	81
M. F. Quirke and Sons	Kerry	82
Hempstown Commons Pit	Kildare	88
Walshestown Pit	Kildare	92
Dunmore Pit	Kilkenny	94
Sheastown Pit	Kilkenny	99
Ballyneety Quarry	Limerick	106
Barrigone Quarry	Limerick	107
Oldcourt Quarry	Limerick	112
Moyne Quarry	Longford	114
Castlebar Quarry	Mayo	119
Slane Quarry	Meath	139
Castleblaney Quarry	Monaghan	143
Lismagonway Quarry	Monaghan	147
Ballykilmurray Pit	Offaly	151
Tinnycross Pit	Offaly	154
Athlone Pit	Roscommon	155
Castlemine Quarry	Roscommon	156
Abbeytown Quarry	Sligo	161
Aughamore Pit	Sligo	162
Aughamore Quarry	Sligo	163
Ashgrove Pit	Tipperary	164
Cahir Pit	Tipperary	166
Crogue Pit	Tipperary	168
Laffansbridge Quarry	Tipperary	171
Thomastown Quarry	Tipperary	173
Cappagh Quarry	Waterford	174
Carroll's Cross Quarry	Waterford	175
Knockmant Pit	Westmeath	177
Split Hills Pit	Westmeath	182
Brownswood Quarry	Wexford	185
Parnell Quarry	Wicklow	195

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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PRODUCTS INDEX Cont.

Quarry name	Products (County)	Quarry no.
	Dimension Stone	
James Walshe Quarry,	Carlow	3
Derreen Quarry	Clare	13
Kineilty Quarry	Clare	14
Luogh Quarry	Clare	15
West Cork Stone Quarry	Cork	34
Altclough Quarry	Donegal	35
Altclough Quarry	Donegal	36
Ballyhiernan Quarry	Donegal	38
Cloch Dhun na nGall Teo	Donegal	43
Doobery Quarry	Donegal	44
Glen Samon	Donegal	46
Mountcharles Quarry	Donegal	52
Barnacullia Quarry	Dublin	55
Roe & O'Neill Quarry	Dublin	63
Barnanoraun Quarry	Galway	68
Knockshangarry	Galway	71
Lissoughter Quarry	Galway	72
Top Quarries Quarry	Galway	76
Caireil Na Riochta Teo	Kerry	79
Minard Quarry	Kerry	83
Holdensrath Quarry	Kilkenny	95
Kellymount Quarry	Kilkenny	96
Threecastles Quarry	Kilkenny	100
Lecarrow Quarry	Roscommon	159
Portnashangan Quarry	Westmeath	178
Badger Rock 1	Wicklow	188
Badgers Rock 2	Wicklow	189
Ballyknockan Quarry	Wicklow	191
	Dolomite	
Dunbell Big Quarry	Kilkenny	93
	Fireclay	
Mullagh Dillon Quarry	Meath	134

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PRODUCTS INDEX Cont.

Quarry name	Products (County)	Quarry no.
	Flagstone	
Derreen Quarry	Clare	13
Kineilty Quarry	Clare	14
Luogh Quarry	Clare	15
West Cork Stone Quarry	Cork	34
Altclough Quarry	Donegal	35
Altclough Quarry	Donegal	36
Mountcharles Quarry	Donegal	52
Roe & O'Neill Quarry	Dublin	63
Minard Quarry	Kerry	83
	Granite	
Ballyhiernan Quarry	Donegal	38
Rinmore Quarry	Donegal	53
Barnacullia Quarry	Dublin	55
Roe & O'Neill Quarry	Dublin	63
	Greywacke	
Calary Quarry	Wicklow	192
	Gypsum	
Knocknacran Mine	Monaghan	146
	Lead ore	
Navan Mine	Meath	137
	Lime	
Clogrennane Quarry	Carlow	2
Carrigtwohill Quarry	Cork	22
Castlemore Quarry	Cork	23

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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PRODUCTS INDEX Cont.

Quarry name	Products (County)	Quarry no.
Limestone		
Aughrim Quarry	Cavan	6
Castlemungret Quarry	Limerick	108
Doherty's Pit	Meath	128
Mullaghcrone Quarry	Meath	133
Platin Quarry	Meath	138
Lecarrow Quarry	Roscommon	159
Marble		
Barnanoraun Quarry	Galway	68
Lissoughter Quarry	Galway	72
Pipes		
Mullaghdillon Quarry	Meath	134
Losset Quarry	Monaghan	148
Pots		
Losset Quarry	Monaghan	148
Sandstone		
Upper Gransha No. 2	Donegal	54
Bragan	Monaghan	142
Shale		
Ballycar Quarry	Clare	9
Upper Gransha No. 2	Donegal	54
Denhamstown Quarry	Meath	127
Donore Quarry	Meath	129
Kilsaran Concrete Ltd.	Meath	131

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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PRODUCTS INDEX Cont.

Quarry name	Products (County)	Quarry no.
	Silica sand	
Carrickleck	Meath	125
Carrickleck	Meath	126
	Whinstone	
Upper Gransha No. 2	Donegal	54
	Zinc ore	
Navan Mine	Meath	137

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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OPERATOR INDEX Cont.

Owner/operator	Quarry name	County	Quarry no.
Hugh Allistar and Sons.	Drumgavney Ballybay	Monaghan	145
Ardfert Quarry Products Ltd.	Sackville Quarry	Kerry	85
Mr. A.S. Ballantine.	Kiltole Quarry	Donegal	49
Banagher Concrete.	Clondallow	Offaly	152
Banagher Concrete Ltd.	Newtown Pit	Offaly	153
J. Barr & Sons Manufacturers.	Birdstown Pit	Donegal	40
Mr. Laurence Behan.	Windmillhill Quarry	Dublin	65
Connie Bourke Ltd.	Montpelier Pit	Limerick	111
Laurence Charles Bowe.	Corville Pit	Tipperary	167
Mr. Joseph Cadam and Sons.	Molly Quarry	Longford	113
Mr. Michael Champion.	Champion's Quarry	Laois	102
J Cannon (Athenry) Ltd.	Esker Pit	Galway	70
M. J. Cannon.	Tonroe Quarry	Galway	75
Vincent Cannon & Co. Ltd.	Ballyfa Pit	Galway	67
Vincent Cannon & Co. Ltd.	Sheppards	Galway	74
Vincent Cannon and Co Ltd.	Knockshangarry	Galway	71
J.W. Carnegie & Co. Ltd.	Carnegie's Pit	Wicklow	193
Cassidy Bros.	Gransha No. 1 Pit	Donegal	48
Cassidy Bros.	Upper Gransha No. 2	Donegal	54
Cassidy Bros.	Cassidy's Pit	Donegal	42
Castlemore Quarries Ltd.	Castlemore Quarry	Cork	23
Clare County Council.	Cliff Quarry	Clare	12
Clarke Quarries Ltd.	Clarke's Quarry	Cavan	7
Clogrennane Lime Limited.	Clogrennane Quarry	Carlow	2
Clonbur Concrete Group Ltd.	Ballinasmalle Pit	Mayo	118
Connemara Sand and Gravel Co.	Connemara Pit	Galway	69
Connie Bourke Ltd.	Gooig Pit	Limerick	110
P. & B. Connolly (Dublin) Ltd.	Littlewood Pit	Dublin	60
Liam Conway and Sons Ltd.	Liam Conway and Sons	Carlow	5
Creeves Quarry Ltd.	Creeves Quarry Ltd.	Limerick	109
Christy Cunney.	Collagagh	Mayo	121
Mr. Jim Doherty.	Doherty's Pit	Meath	128
Donegal Granite Ltd.	Ballyhiernan Quarry	Donegal	38
Donegal Granite Ltd.	Rinmore Quarry	Donegal	53
Mrs. Joyce Fagan.	Tomriland Sand & Gravel	Wicklow	196

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OPERATOR INDEX Cont.

Owner/operator	Quarry name	County	Quarry no.
Feely and Sons Ltd.	Doobery Quarry	Donegal	44
Feely and Sons Ltd.	Glen Samon	Donegal	46
J.J. Flood & Sons Ltd.	Murrans Quarry	Meath	136
J.J. Flood & Sons Ltd.	Portnashangan Quarry	Westmeath	178
John Gallagher Plant Hire.	The Mullagh Quarry	Meath	135
John Gallagher	Tubbersuil	Dublin	64
Michael Galvin & Sons Ltd.	Aradan Pit	Offaly	150
Michael Galvin & Sons Ltd.	Ballykilmurray Pit	Offaly	151
John Gannon & Sons Ltd.	Split Hills Pit	Westmeath	182
Hugh Gavigan.	Cloch Dhun na nGall Teo	Donegal	43
Martin Gavin Ltd.	The Quarry Kilmeague.	Kildare	91
Gleeson Concrete Ltd.	Ashgrove Pit	Tipperary	164
Gleeson Concrete Ltd.	Croque Pit	Tipperary	168
Gleeson Concrete Ltd.	Thomastown Quarry	Tipperary	173
Gleeson Quarries Ltd.	Laffansbridge Quarry	Tipperary	171
The Glen Stone Co. Ltd.	Drimaghey Quarry	Donegal	45
Thomas Grall.	Milltown Pit	Meath	132
Graneiss Ltd.	Holdensrath Quarry	Kilkenny	95
Austin Grogan & Sons Ltd.	Cave Pit	Mayo	120
Austin Grogan & Sons Ltd.	Drumbane Pit	Mayo	122
Gypsum Industries Plc.	Knocknacran mine	Monaghan	146
M. & A. Hanlon Ltd.	Lowtown Quarry	Kildare	90
Hanly Bros. Ltd.	Laragan Quarries Ltd.	Roscommon	158
Frank Harrington Concrete Ltd.	Abbeytown Quarry	Sligo	161
Healy Brothers.	Milebush Quarry	Cork	32
P. Hennessy & Co. Ltd.	Sheastown Pit	Kilkenny	99
Irish Cement Ltd.	Castlemungret Quarry	Limerick	108
Irish Cement Ltd.	Denhamstown Quarry	Meath	127
Irish Cement Ltd.	Platin Quarry	Meath	138
Irish Cement Ltd.	Birdhill Quarry	Tipperary	165
Irish Cement Ltd.	Donore Quarry	Meath	129
Irish Stoneware & Fireclays Ltd.	Mullaghdillon Quarry	Meath	134
Irish Stoneware & Fireclays Ltd.	Losset Quarry	Monaghan	148
Michael Patrick Joyce.	Barnanoraun Quarry	Galway	68

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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OPERATOR INDEX Cont.

Owner/operator	Quarry name	County	Quarry no.
Mr. Jay Kavanagh.	Drumderry Quarries	Wexford	186
Matt Keating (Cahir) Ltd.	James Keating Pit	Tipperary	169
Matt Keating (Cahir) Ltd.	Robinson's Pit	Tipperary	172
Kildavin Concrete Products Ltd.	Kildavin Pit	Carlow	4
Kilkenny Limestone Ltd.	Kellymount Quarry	Kilkenny	96
Kilsaran Concrete Products Ltd.	Kilsaran Concrete Ltd	Kildare	89
Kilsaran Concrete Products Ltd.	Kilsaran Concrete Ltd.	Meath	131
Kilsaran Concrete Ltd.	Swainstown Quarry	Meath	140
Kilsaran Concrete Products Ltd.	Tinnycross Pit	Offaly	154
Kilsaran Concrete Products Ltd.	Knockmant Pit	Westmeath	177
Kilsaran Concrete Ltd.	Dunleer Quarry	Louth	116
Kingdom Quarries.	Caireil Na Riochta Teo	Kerry	79
Liscannor Stone Co. Ltd.	Derreen Quarry	Clare	13
Liscannor Stone Co. Ltd.	Kineilty Quarry	Clare	14
Liscannor Stone Co. Ltd.	Luogh Quarry	Clare	15
Liam Lynch (Quarries) Ltd.	Oldcourt Quarry	Limerick	112
Noel Lynch.	Rampark Pit	Louth	117
Paddy Lynch (Dundalk) Ltd.	Cumiskey's Pit	Louth	115
Maye Concrete Ltd.	Knockybrin Quarry	Donegal	50
Maye Concrete Ltd.	Laghy Quarry	Donegal	51
Maye Concrete Ltd.	Bird's Quarry	Leitrim	104
Maye Concrete Ltd.	Aughamore Pit	Sligo	162
Maye Concrete Ltd.	Aughamore Quarry	Sligo	163
P. McCaffrey & Sons Ltd.	Ballymagroarty Quarry	Donegal	39
P. McCaffrey & Sons Ltd.	Granaghan's Quarry	Donegal	47
McGrath Bros. Ltd.	McGrath Limestone	Clare	16
Thomas McGrath.	Ballykelly Quarry	Wexford	183
Thomas McGrath.	Oaklands Quarry	Wexford	187
Donal McKenna.	Ballycar Quarry	Clare	9
McKeon Stone Ltd.	Threecastles Quarry	Kilkenny	100
Mr. Thomas J. McKeon.	McKeon's Pit	Roscommon	160
Dan McMonagle and Sons.	Altclough Quarry	Donegal	35
Dan McMonagle and Sons.	Altclough Quarry	Donegal	36
Dan McMonagle and Sons.	Mountcharles Quarry	Donegal	52
Edward McNally Ltd.	Donagh Quarry	Monaghan	144
Milverton Quarries Ltd.	Milverton Quarry	Dublin	61
S.M Morris.	Ballinclare Quarry	Wicklow	190

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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OPERATOR INDEX Cont.

Owner/operator	Quarry name	County	Quarry no.
Murphy Concrete Ltd.	Hollywood Quarry	Dublin	58
Murphy Concrete Ltd.	Greenhills Pit	Meath	130
Frank Murphy & Sons Ltd.	Hempstown Commons Pit	Kildare	88
James Murphy & Sons Ltd.	Barnacullia Quarry	Dublin	55
James Murphy & Sons Ltd.	Lecarrow Quarry	Roscommon	159
North Dublin Commercials.	North Dublin Stone	Dublin	62
Michael N O'Hara.	Carroll Quarry	Laois	103
Finbarr O'Neill.	Clashanure Pit	Cork	24
O'Reilly Bros. Ltd.	Taghart Quarry	Cavan	8
O'Reilly Bros. Ltd.	Balty Pit	Meath	123
Ormonde Brick Ltd.	Ormonde Brick Shale	Kilkenny	98
Tom O'Sullivan.	Minard Quarry	Kerry	83
Outokumpo Zinc	Navan Mine	Meath	137
Premier Periclase Ltd.	Mullagherone Quarry	Meath	133
Quarries Operations Greencore	Ballyellen Works	Carlow	1
Quarries Operations Greencore.	Ballybeg Quarry	Cork	18
Quarries Operations Greencore.	Killough Quarry	Tipperary	170
Sean Quinn Group Limited.	Aughrim Quarry	Cavan	6
Sean Quinn Quarries Ltd.	Pollremon Pit	Galway	73
John Quirke.	M. F. Quirke and Sons	Kerry	82
M F Quirke and Sons.	Quirkes Quarry	Westmeath	179
Readymix (South-west) Ltd.	Tullig Pit	Cork	33
Readymix (Manufacturing) Ltd.	Walshestown Pit	Kildare	92
Readymix (Southeast) Ltd.	Dunmore Pit	Kilkenny	94
Readymix (Longford) Ltd.	Moyne Quarry	Longford	114
Ready-mix (South-west) Ltd.	Ellis Quarry	Cork	26
Redmond Lee Ltd.	Ballydotia Pit	Galway	66
River Securities Ltd.	Riverdale Pit	Westmeath	180
Roadstone Dublin Ltd.	Belgard Quarry	Dublin	56
Roadstone Dublin Ltd.	Feltrim Quarry	Dublin	57
Roadstone Dublin Ltd.	Huntstown Quarry	Dublin	59
Roadstone Dublin Ltd.	Allen Quarry	Kildare	86
Roadstone Dublin Ltd.	Ballyadams Quarry	Laois	101

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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Owner/operator	Quarry name	County	Quarry no.
Roadstone Dublin Ltd.	Calary Quarry	Wicklow	192
Roadstone Dublin Ltd.	Doran's Pit	Wicklow	194
Roadstone Exports Ltd.	Parnell Quarry	Wicklow	195
Roadstone Provinces Ltd. M.W.	Ballyquin Pit	Clare	10
Roadstone Provinces Ltd. M.W.	Bunratty Quarry	Clare	11
Roadstone Provinces Ltd. N.W.	Ballintra Quarry	Donegal	37
Roadstone Provinces Ltd. N.W.	Cashel Quarry	Donegal	41
Roadstone Provinces Ltd. N.W.	Two Mile Ditch Q.	Galway	77
Roadstone Provinces Ltd. S.E.	Dunbell Big Quarry	Kilkenny	93
Roadstone Provinces Ltd. S.E.	Kilmacow Quarry	Kilkenny	97
Roadstone Provinces Ltd. M.W.	Ballyneety Quarry	Limerick	106
Roadstone Provinces Ltd. M.W.	Barrigone Quarry	Limerick	107
Roadstone Provinces Ltd. N.W.	Castlebar Quarry	Mayo	119
Roadstone Provinces Ltd. N.E.	Barley Hill Quarry	Meath	124
Roadstone Provinces Ltd. N.E.	Slane Quarry	Meath	139
Roadstone Provinces Ltd. N.E.	Trim Quarry	Meath	141
Roadstone Provinces Ltd. N.E.	Castleblaney Quarry	Monaghan	143
Roadstone Provinces Ltd. N.W.	Athlone Pit	Roscommon	155
Roadstone Provinces Ltd. N.W.	Castlemine Quarry	Roscommon	156
Roadstone Provinces Ltd. N.W.	Keeloges Quarry	Roscommon	157
Roadstone Provinces Ltd. M.W.	Cahir Pit	Tipperary	166
Roadstone Provinces Ltd. S.E.	Carroll's Cross Quarry	Waterford	175
Roadstone Provinces Ltd. N.W.	Ballykeeran Pit	Westmeath	176
Roadstone Provinces Ltd. S.E.	Ballynamona Pit	Wexford	184
Roadstone Provinces Ltd. S.E.	Brownswood Quarry	Wexford	185
Roe & O'Neill Ltd.	Roe & O'Neill Quarry	Dublin	63
Ross Bros.	Riverpark Pit	Westmeath	181
Ryan Bros. (Ennis) Ltd.	Toonagh Quarry	Clare	17
JMK Ryan Ltd.	Badger Rock 1	Wicklow	188
JMK Ryan Ltd.	Badgers Rock 2	Wicklow	189
Silica Sand Ltd.	Carrickleck	Meath	125
Silica Sand Ltd.	Carrickleck	Meath	126
S.L.M. Ltd.	Farrell's Pit	Kildare	87
Stone Developments Ltd.	James Walshe Quarry	Carlow	3
Stone Developments Ltd.	Top Quarries Quarry	Galway	76
Stone Developments Ltd.	Ballyknockan Quarry	Wicklow	191
David Trotter & Co.	Lurganboy Quarry	Leitrim	105

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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OPERATOR INDEX Cont.

Owner/operator	Quarry name	County	Quarry no.
J.C. Walsh & Sons Ltd.	Lissoughter Quarry	Galway	72
Watterson Concrete Ltd.	Watterson Quarry	Monaghan	149
Watterson Concrete Ltd.	Bragan	Monaghan	142
West Cork Stone Products.	West Cork Stone Quarry	Cork	34
Wimpey Fleming Quarries Ltd.	Leahill Quarry	Cork	29
John A. Wood Ltd.	Ballygarvan Quarry	Cork	19
John A. Wood Ltd.	Ballygarvan Sandstone	Cork	20
John A. Wood Ltd.	Carrigaline Quarry	Cork	21
John A. Wood Ltd.	Carrigtwohill Quarry	Cork	22
John A. Wood Ltd.	Classes Pit	Cork	25
John A. Wood Ltd.	Garryhesta Pit	Cork	27
John A. Wood Ltd.	Killeady Quarry	Cork	28
John A. Wood Ltd.	Lower Garryhesta Pit	Cork	30
John A. Wood Ltd.	Mallow Quarry	Cork	31
John A. Wood Ltd.	Ballyegan Quarry	Kerry	78
John A. Wood Ltd.	Casey's Pit	Kerry	80
John A. Wood Ltd.	Killarney Pit	Kerry	81
John A. Wood Ltd.	Rangue Pit	Kerry	84
John A. Wood Ltd.	Cappagh Quarry	Waterford	174
Wright Bros.	Lismagonway Quarry	Monaghan	147

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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QUARRY NUMBER INDEX

Quarry no.	Quarry name	County
1	Ballyellen Limestone Flour Works	Carlow
2	Clogrennane Quarry	Carlow
3	James Walshe Quarry,	Carlow
4	Kildavin Pit	Carlow
5	Liam Conway and Sons Ltd.	Carlow
6	Aughrim Quarry	Cavan
7	Clarke's Quarry	Cavan
8	Taghart Quarry	Cavan
9	Ballycar Quarry	Clare
10	Ballyquin Pit	Clare
11	Bunratty Quarry	Clare
12	Cliff Quarry	Clare
13	Derreen Quarry	Clare
14	Kineilty Quarry	Clare
15	Luogh Quarry	Clare
16	McGrath Limestone Quarry	Clare
17	Toonagh Quarry	Clare
18	Ballybeg Quarry	Cork
19	Ballygarvan Quarry	Cork
20	Ballygarvan Sandstone Quarry	Cork
21	Carrigaline Quarry	Cork
22	Carrigtwohill Quarry	Cork
23	Castlemore Quarry	Cork
24	Clashanure Pit	Cork
25	Classes Pit	Cork
26	Ellis Quarry	Cork
27	Garryhesta Pit	Cork
28	Killeady Quarry	Cork
29	Leahill Quarry	Cork
30	Lower Garryhesta Pit	Cork
31	Mallow Quarry	Cork
32	Milebush Quarry	Cork
33	Tullig Pit	Cork
34	West Cork Stone Quarry	Cork

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Quarry no.	Quarry name	County
35	Altclough Quarry	Donegal
36	Altclough Quarry	Donegal
37	Ballintra Quarry	Donegal
38	Ballyhiernan Quarry	Donegal
39	Ballymagroarty Quarry	Donegal
40	Birdstown Pit	Donegal
41	Cashel Quarry	Donegal
42	Cassidy's Pit	Donegal
43	Cloch Dhun na nGall Teo	Donegal
44	Dooherly Quarry	Donegal
45	Drimaghey Quarry	Donegal
46	Glen Samon	Donegal
47	Granaghan's Quarry	Donegal
48	Gransha No. 1 Pit	Donegal
49	Kiltole Quarry	Donegal
50	Knockybrin Quarry	Donegal
51	Laghy Quarry	Donegal
52	Mountcharles Quarry	Donegal
53	Rinmore Quarry	Donegal
54	Upper Gransha No. 2	Donegal
55	Barnacullia Quarry	Dublin
56	Belgard Quarry	Dublin
57	Feltrim Quarry	Dublin
58	Hollywood Quarry	Dublin
59	Huntstown Quarry	Dublin
60	Littlewood Pit	Dublin
61	Milverton Quarry	Dublin
62	North Dublin Stone	Dublin
63	Roe & O'Neill Quarry	Dublin
64	Tubbersuil	Dublin
65	Windmillhill Quarry	Dublin
66	Ballydotia Pit	Galway
67	Ballyfa Pit	Galway
68	Barnanoraun Quarry	Galway
69	Connemara Sand and Gravel	Galway
70	Esker Pit	Galway
71	Knockshangarry	Galway

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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QUARRY NUMBER INDEX Cont.

Quarry no.	Quarry name	County
72	Lissoughter Quarry	Galway
73	Pollremon Pit	Galway
74	Sheppards	Galway
75	Tonroe Quarry	Galway
76	Top Quarries Quarry	Galway
77	Two Mile Ditch Quarry	Galway
78	Ballyegan Quarry	Kerry
79	Caireil Na Riochta Teo	Kerry
80	Casey's Pit	Kerry
81	Killarney Pit	Kerry
82	M. F. Quirke and Sons	Kerry
83	Minard Quarry	Kerry
84	Rangue Pit	Kerry
85	Sackville Quarry	Kerry
86	Allen Quarry	Kildare
87	Farrell's Pit	Kildare
88	Hempstown Commons Pit	Kildare
89	Kilsaran Concrete Ltd	Kildare
90	Lowtown Quarry	Kildare
91	The Quarry Kilmeague.	Kildare
92	Walshestown Pit	Kildare
93	Dunbell Big Quarry	Kilkenny
94	Dunmore Pit	Kilkenny
95	Holdensrath Quarry	Kilkenny
96	Kellymount Quarry	Kilkenny
97	Kilmacow Quarry	Kilkenny
98	Ormonde Brick Shale	Kilkenny
99	Sheastown Pit	Kilkenny
100	Threecastles Quarry	Kilkenny
101	Ballyadams Quarry	Laois
102	Campion's Quarry	Laois
103	Carroll Quarry	Laois
104	Bird's Quarry	Leitrim
105	Lurganboy Quarry	Leitrim

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QUARRY NUMBER INDEX Cont.

Quarry no.	Quarry name	County
106	Ballyneety Quarry	Limerick
107	Barrigone Quarry	Limerick
108	Castlemungret Quarry	Limerick
109	Creeves Quarry Ltd.	Limerick
110	Gooig Pit	Limerick
111	Montpelier Pit	Limerick
112	Oldcourt Quarry	Limerick
113	Molly Quarry	Longford
114	Moyne Quarry	Longford
115	Cumiskey's Pit	Louth
116	Dunleer Quarry	Louth
117	Rampark Pit	Louth
118	Ballinasmalle Pit	Mayo
119	Castlebar Quarry	Mayo
120	Cave Pit	Mayo
121	Collagagh	Mayo
122	Drumbane Pit	Mayo
123	Balty Pit	Meath
124	Barley Hill Quarry	Meath
125	Carrickleck	Meath
126	Carrickleck	Meath
127	Denhamstown Quarry	Meath
128	Doherty's Pit	Meath
129	Donore Quarry	Meath
130	Greenhills Pit	Meath
131	Kilsaran Concrete Ltd.	Meath
132	Milltown Pit	Meath
133	Mullagherone Quarry	Meath
134	Mullagh Dillon Quarry	Meath
135	The Mullagh Quarry	Meath
136	Murrans Quarry	Meath
137	Navan Mine	Meath
138	Platin Quarry	Meath
139	Slane Quarry	Meath
140	Swainstown Quarry	Meath

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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QUARRY NUMBER INDEX Cont.

Quarry no.	Quarry name	County
141	Trim Quarry	Meath
142	Bragan	Monaghan
143	Castleblaney Quarry	Monaghan
144	Donagh Quarry	Monaghan
145	Drumgavney Ballybay	Monaghan
146	Knocknacran Mine	Monaghan
147	Lismagonway Quarry	Monaghan
148	Losset Quarry	Monaghan
149	Watterson Quarry	Monaghan
150	Ardan Pit	Offaly
151	Ballykilmurray Pit	Offaly
152	Clondallow	Offaly
153	Newtown Pit	Offaly
154	Tinnycross Pit	Offaly
155	Athlone Pit	Roscommon
156	Castlemine Quarry	Roscommon
157	Keeloges Quarry	Roscommon
158	Laragan Quarries Ltd.	Roscommon
159	Lecarrow Quarry	Roscommon
160	McKeon's Sand & Gravel Pit	Roscommon
161	Abbeytown Quarry	Sligo
162	Aughamore Pit	Sligo
163	Aughamore Quarry	Sligo
164	Ashgrove Pit	Tipperary
165	Birdhill Quarry	Tipperary
166	Cahir Pit	Tipperary
167	Corville Pit	Tipperary
168	Croque Pit	Tipperary
169	James Keating Pit	Tipperary
170	Killough Quarry	Tipperary
171	Laffansbridge Quarry	Tipperary
172	Robinson's Pit	Tipperary
173	Thomastown Quarry	Tipperary

Details of quarries will be found in Section 2 listed by COUNTY and then QUARRY NAME.
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QUARRY NUMBER INDEX Cont.

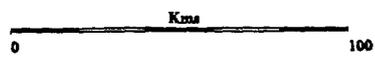
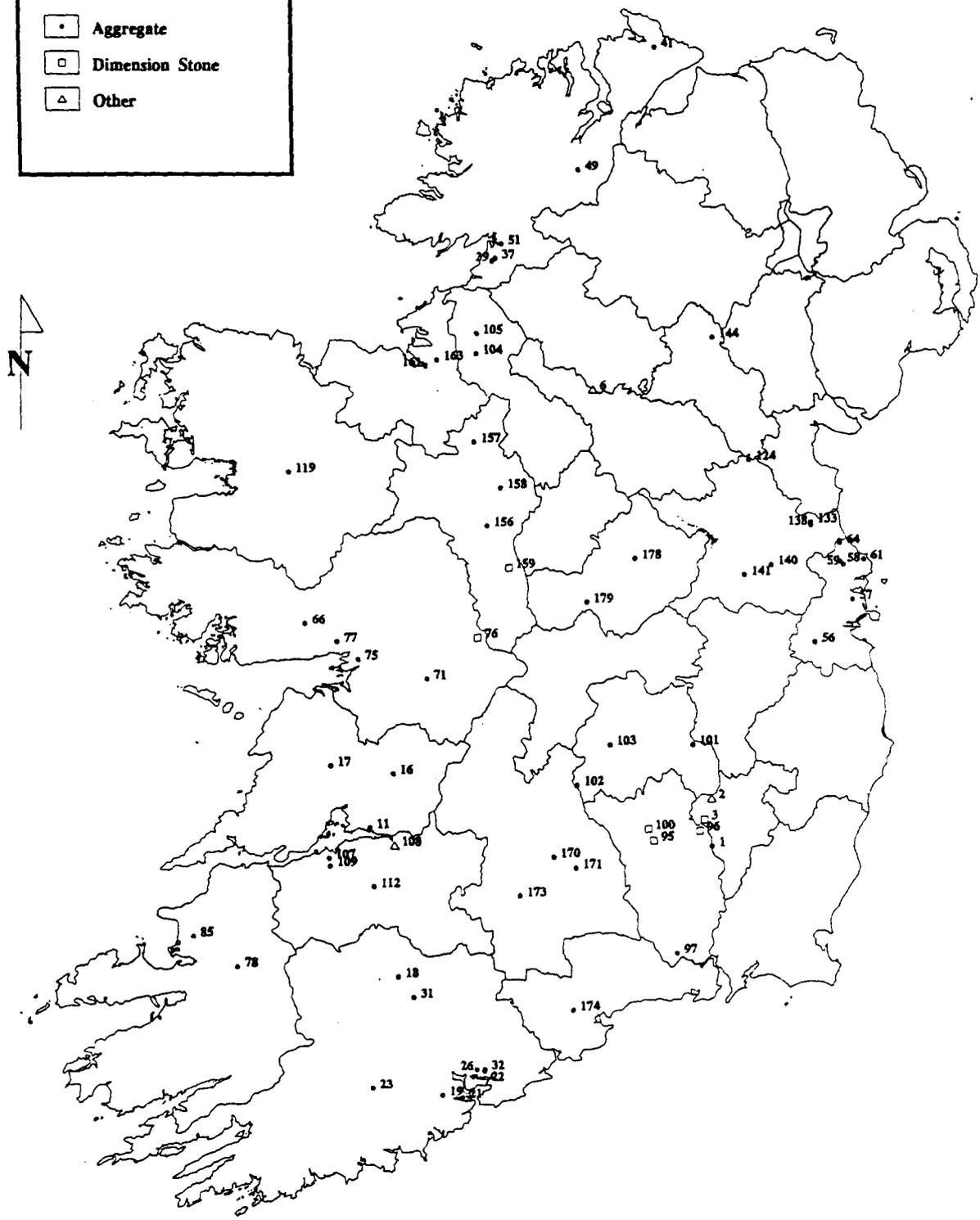
Quarry no.	Quarry name	County
174	Cappagh Quarry	Waterford
175	Carroll's Cross Quarry	Waterford
176	Ballykeeran Pit	Westmeath
177	Knockmant Pit	Westmeath
178	Portnashangan Quarry	Westmeath
179	Quirk's Quarry	Westmeath
180	Riverdale Pit	Westmeath
181	Riverpark Pit	Westmeath
182	Split Hills Pit	Westmeath
183	Ballykelly Quarry	Wexford
184	Ballynamona Pit	Wexford
185	Brownswood Quarry	Wexford
186	Drumderry Quarries	Wexford
187	Oaklands Quarry	Wexford
188	Badger Rock 1	Wicklow
189	Badgers Rock 2	Wicklow
190	Ballinclare Quarry	Wicklow
191	Ballyknockan Quarry	Wicklow
192	Calary Quarry	Wicklow
193	Carnegie's Pit	Wicklow
194	Doran's Pit	Wicklow
195	Parnell Quarry	Wicklow
196	Tomriland Sand & Gravel Pit	Wicklow

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LEGEND

- Aggregate
- Dimension Stone
- △ Other

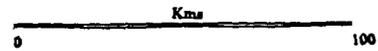
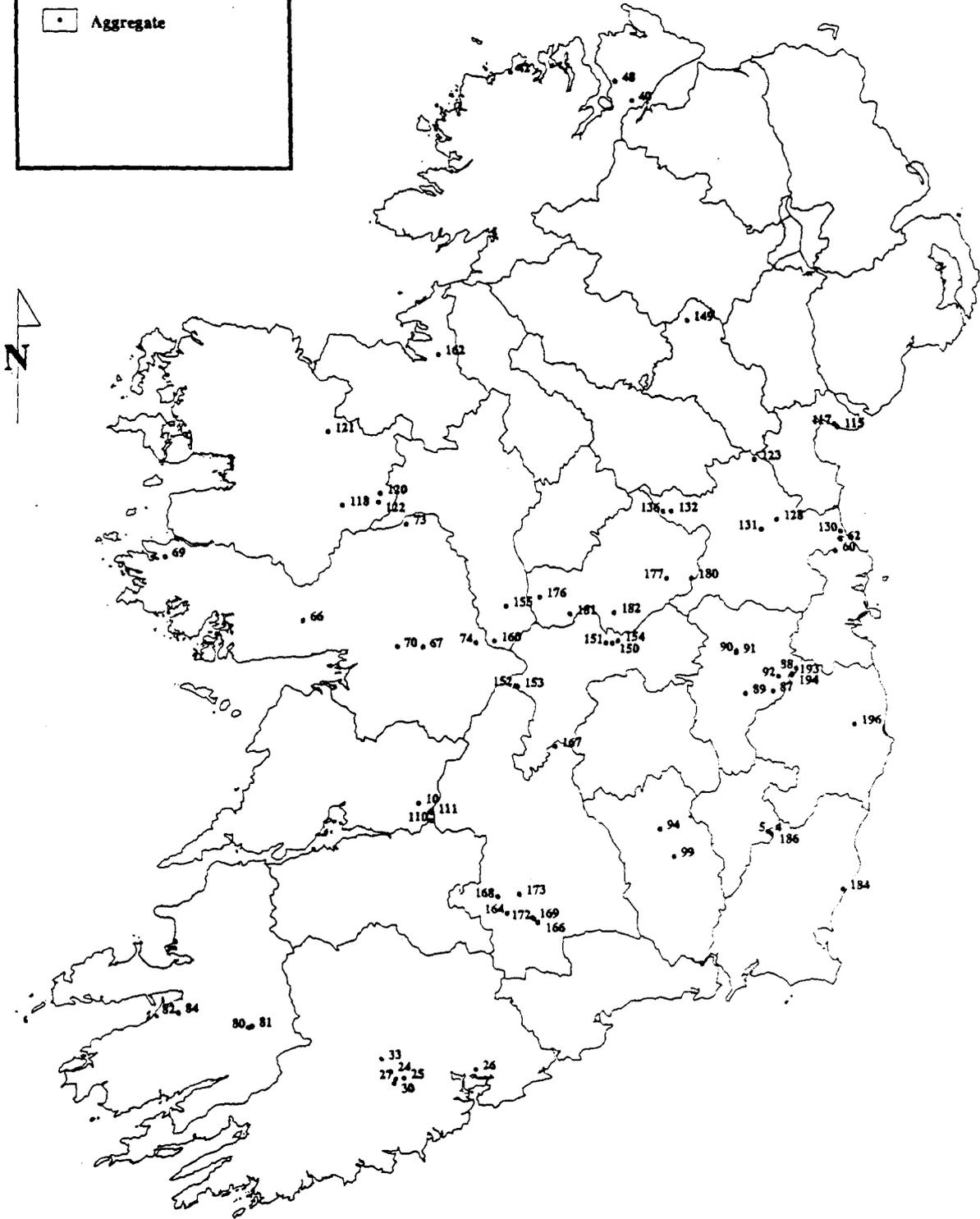
LIMESTONE QUARRIES



LEGEND

• Aggregate

SAND AND GRAVEL PITS



LEGEND

- Aggregate
- Dimension Stone
- △ Other
- × Mine

MINES AND QUARRIES IN OTHER ROCK TYPES

