

The Cornish Building Stone and Slate Guide 2007



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The Cornish Building Stone and Slate Guide

Preface

This Guide has been produced by Cornwall County Council, as Mineral Planning Authority for Cornwall, to promote the sustainable extraction and use of Cornish building stone and slate.

We would like to thank the many people who have assisted in the production of this Guide.

While every attempt has been made to ensure that the details within this Guide are accurate it should not be considered exhaustive. It is intended that an electronic version of the Guide will be updated regularly and this may be viewed at www.cornwall.gov.uk/stoneguide.

The inclusion of any company or individual within this Guide does not necessarily mean that the product or service offered by such a party is endorsed by Cornwall County Council.

Should you require any further information regarding the content of this Guide, or wish to be included in any revision, please do not hesitate to contact;

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The Cornish Building Stone and Slate Guide

Foreword



Cornwall's geology produces a wide variety of distinctive building stones and slate. The quarrying and use of these building materials over many centuries has provided buildings and structures of local character and distinction. Some of our important dimension stones have also been exported and used in prestigious buildings and monuments throughout the world. If we are to maintain our stock of historic buildings, allowing sympathetic repairs, alterations and extensions, while continuing to build distinctive new properties using sustainable materials sourced locally, we will need to maintain a supply of local stone.

The Cornish Building Stone and Slate Guide has been prepared by Cornwall County Council as an essential guide to developers, architects and householders on where to source new and reclaimed building stone and slate. It is hoped that the Guide will make an important contribution to the sustainable extraction and use of building materials within Cornwall. By including additional information on craftsmen, professional and training organisations, the Guide will hopefully encourage and promote the use of traditional building materials and techniques and assist in maintaining the local character and distinctiveness of the County.

Matt M'Taggart

*Executive Member
Strategic Planning and Transportation*

The Cornish Building Stone and Slate Guide

"The character of a place is read in the landscape and Cornwall's heritage of mineral extraction, among the richest traditions in the world, lives in its buildings, both its working buildings - the beam engine houses, the chimneys, dryers and crushing sheds as in the agricultural and fishing vernacular so beloved of all those who treasure this magical county. Cornwall isn't domesticated and smooth like other places, we feel as if we're here on sufferance with a leasehold from the primal forces that shaped it. This booklet is an invaluable source of knowledge for those who want to do a "proper job" and build with materials that respect the palette that nature has provided here and, for those who wish to know more about what is available just for interest. Well done Cornwall County Council for raising the bar and encouraging the use of the best materials, hewn from Cornwall."

Tim Smit CBE
Chief Executive Eden Project

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Photos courtesy of Eden Project



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“Sympathetic use of local building materials in contemporary developments is a mark of good design, enhancing local communities. We welcome the publication of this guide - a source of information about local suppliers and craftsmen which will be valuable to all those involved in building new homes and restoring existing buildings.”



“Stone Federation Great Britain congratulates Cornwall County Council on this initiative and applauds their efforts in promoting the indigenous stone in their region.”

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“As our concern for the environment, and the cost and pollution engendered by transport, have become matters of greater importance, the ancient idea of stone being related to place has returned, as a material manifestation of the principle of “local distinctiveness”. In this regard Cornwall is well placed. Its geology provides a rich variety of granite, slate and other stones which have contributed enormously to the distinctiveness of the County, and should continue to do so. A guide setting out the sources of Cornish stone will be invaluable in informing and directing Clients and Specifiers alike.”

*Professor Michael Wigginton
Chair of the School of Architecture and Design, University of Plymouth
Chairman of the RIBA South West Regional Council*

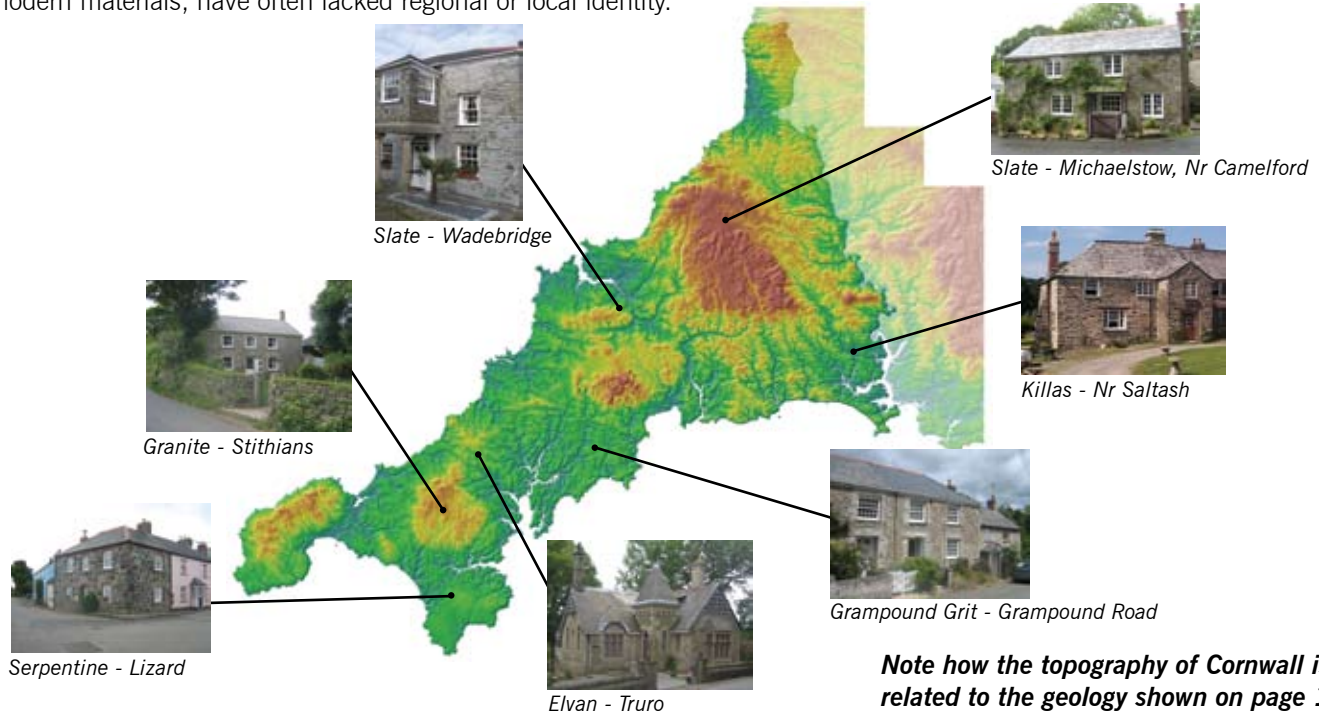
“For all those involved in the repair and restoration of old buildings, this Guide will prove of enormous value. The sourcing of stone and slate for all manner of projects can be a troublesome business and, until now, there has been no obvious work of reference. Whether it is a lintel for a 17th century granite barton, scantle slate for a roof or setts for a courtyard or other development this will be the place to look for the genuine Cornish materials. No less interesting is the highly detailed County Council Minerals Development Framework document, which lists and maps the many defunct quarries, some of these it is hoped may yet produce limited amounts of stone for specialist repairs”.

*Hugh Lander ACIOB
Author & Historic Buildings Consultant*

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Introduction

The varied geology of Cornwall has provided the building materials for many of the older properties in the County, contributing to different building styles and distinctive local character. In contrast, later 20th Century buildings, using modern materials, have often lacked regional or local identity.



Note how the topography of Cornwall is related to the geology shown on page 16.

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Contemporary Use of Local Stone

Greater emphasis is now being placed on the restoration and conservation of older buildings using sympathetic materials. In addition there is greater demand for local building materials for new buildings and townscape schemes, whether they are of traditional or innovative design. As a result this has increased the demand for natural stone products. Quarries within the County could meet much of this demand. However, there is strong competition from imported stone, which is largely produced in countries with less rigorous environmental and employment controls.



Building - Wadebridge



Decorative - Tintagel



Tremough Elvan set in concrete

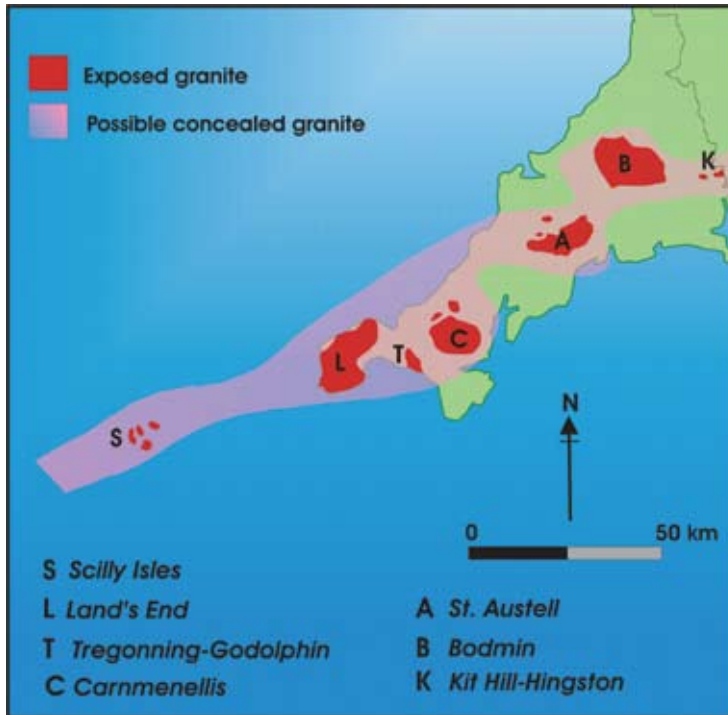


Reclaimed dressed granite

Above are examples of contemporary buildings using a mixture of Cornish stone products. Prestige projects such as the Combined University for Cornwall at the Tremough site at Penryn has used local stone in a novel way in the facings for the main building.

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Geological Background to Cornish Rocks

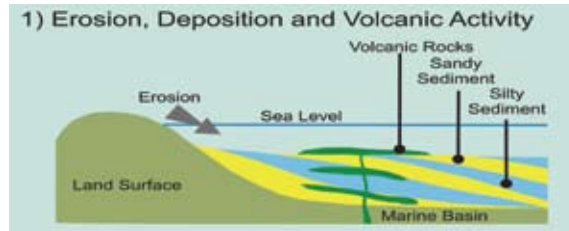


The geology of Cornwall is very varied, with both igneous (e.g. granite, elvan, dolerite) and altered sedimentary rocks (e.g. shale/slate and sandstone – locally known as killas) combined with extrusive volcanic rocks (e.g. basalt). All apart from the granite have been metamorphosed (changed by heat and pressure) to a greater or lesser extent. At the Lizard part of an ancient ocean floor has been obducted (thrust-up) to produce a collection of rocks unusual to the British Isles.

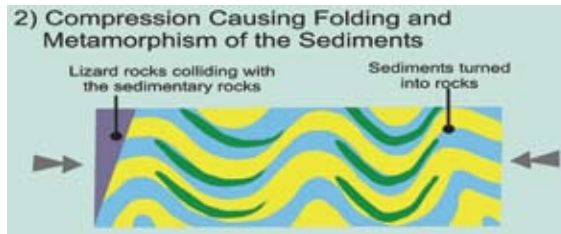
At depth, throughout the whole of the peninsula, runs a central spine of granite (batholith) from the Isles of Scilly to Bodmin and beyond the border. Throughout the County the batholith is exposed as a series of granite uplands. The granite has intruded into the sedimentary and volcanic country rocks. Granite intrusion, earth movements and fluid flow have changed or metamorphosed these country rocks. Those adjacent to the granite such as the basaltic and sedimentary rocks have been 'baked' to a very hard rock. Sedimentary rocks further away, which were mostly subjected to pressure, have developed a cleavage to produce shale or slate.

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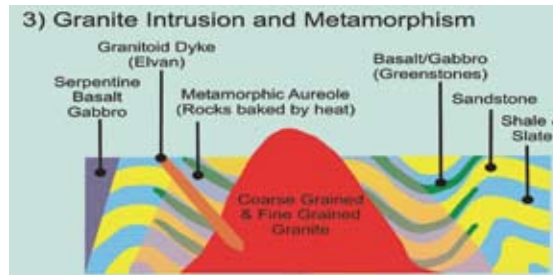
Geological Background



Approximately 400 million years – marine deposition of sediments formed from erosion of land mass



Approximately 360 million years – Variscan mountain building as Africa and Europe converge



295-270 million years – granite batholith intruded, extending from Dartmoor to the Isles of Scilly

Schematic showing simplified geological processes producing Cornish Rocks



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Geological Background

The underlying geology of the peninsula has produced varied, characteristic and spectacular cliffscapes and upland scenery. Man has exploited this natural geological resource since prehistory for building or decorative stone. The utilisation of very local stone for construction is exemplified in the hermitage and chapel at Roche Rock where the very rock on which it stands has been used for the building.



Granite - Castellated cliffs



Granite - Tors



Moorstones - Prehistoric circles



Serpentine - Heathland



Sedimentary - Folded rocks



Roche Rock

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Geological Background - Main Cornish Building or Decorative Rock Types (Each slice 120mm across)



Igneous (Acid)

Granite

Igneous rocks such as granite are formed when magma (molten fluid rock formed within the earth) cools. Granite has a composition of a high quartz content with feldspar and mica making it hard rock.



Coarser-Grained Sedimentary

(Metamorphosed)

Grampound Grit

Rocks such as this gritstone were originally formed in marine basins from the transportation and deposition of coarser-grained eroded rock products. This hard rock has however been metamorphosed by pressure.



Igneous (Basic)

Gabbro

Igneous rocks like gabbro are formed when magma cools. Gabbro (or basalt which is finer grained) has a very low quartz content with feldspar, mica and iron rich minerals and is a hard strong rock.

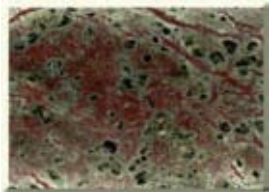


Finer-Grained Sedimentary

(Metamorphosed)

Sandstone

Rocks such as sandstone e.g. Pigsdon were originally formed from the transportation and deposition of finer-grained eroded rock products. Metamorphism by pressure has in this case produced a hard compact rock.



Metamorphic (Ultrabasic igneous)

Serpentine

Metamorphic rocks such as serpentine, are produced from ultra-basic igneous rocks by the action of heat, pressure and the migration of fluids producing a highly coloured soft rock.



Fine-Grained Sedimentary

(Metamorphosed)

Slate

Metamorphic rocks such as slate e.g. Delabole are produced from the erosion of rock, with the finer component (mudstones) deposited in seawater, and later changed by the action of heat and pressure to produce a highly cleavable rock.

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Quarrying and Stone Production

Cornwall has a number of active quarries producing natural stone products. These range from granite, gabbro/basalt, shale, slate and sandstones to ornamental rocks of serpentine and polyphant stone.



Granite quarrying for dimension stone



Sandstone strata in quarry face



Diamond saw for cutting



Slate quarrying

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Quarrying and Stone Production

Numerous products are produced by active quarries today and can include; broken, guillotined, sawn, dressed, polished, split and crushed rock.



Polished granite



Guillotined granite



Split and sawn slate



Sawn and dressed granite

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Quarry Operators

Quarrying as an industrial activity in Cornwall has been in existence for hundreds of years. Often quarries were located near settlements to supply them with local building stone. As the population expanded, larger scale quarries were developed for dimension stone and slate export. This tradition continues today and includes stone for aggregate.

As a natural product, stone from a single quarry may vary significantly in colour and texture.



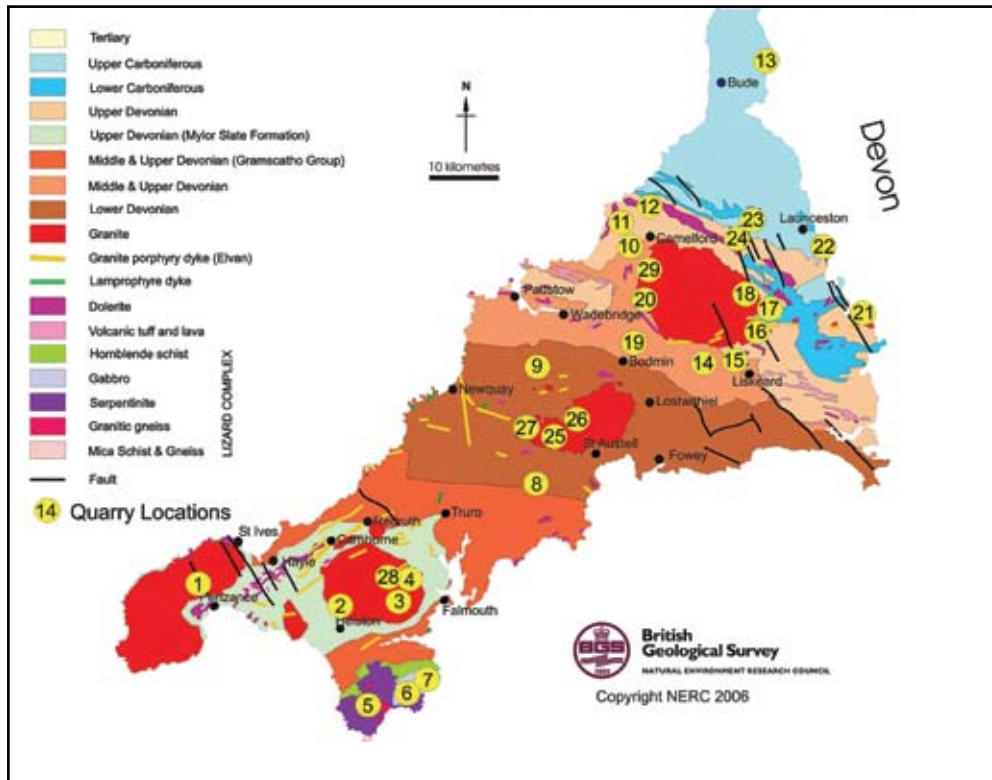
Delabole Slate Quarry



De Lank Granite Quarry

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Quarry operators, locations and geology





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- 1 Castle-an-Dinas Quarry**
Castle Granite Ltd, Ludgvan, Penzance
- 2 Trannack Quarry**
R Pascoe & Sons, Coverack Bridges
- 3 Trenoweth Quarry**
T Marsh, Mabe Burnthouse, Penryn
- 4 Carnsew Quarry**
Aram Resources Ltd, Mabe, Penryn
- 5 The Lizard**
Lizard Serpentine
- 6 Dean Quarry**
Cemex Materials (UK) Ltd, St Keverne
- 7 West of England Quarry**
Aram Resources Ltd, Porthoustock, St Keverne
- 8 Tredinnick Quarry**
MMC Group, Grampond
- 9 Tredinnick Quarry**
R Jonas & Sons, St Issey
- 10 Delabole Slate Quarry**
Delabole Slate Co Ltd, Pengelly, Delabole
- 11 Trecarne Quarry**
L Uglow & Sons, Delabole
- 12 Trevillet Quarry**
Mill Hill Quarries Ltd, Trevillet, Tintagel
- 13 Pigsdon Quarry**
Penhill Quarry & Haulage Ltd, Launcells, Bude
- 14 Westwood Quarry**
Lantoom Ltd, East Taphouse, Dobwalls
- 15 Lantoom Quarry**
Lantoom Ltd, Dobwalls, Liskeard
- 16 Caradon Hill Quarry**
Lantoom Ltd, Minions, Liskeard
- 17 Darley Ford Quarry**
Mr T Dilworth, Upton Cross, Liskeard
- 18 Bearah Tor Quarry**
C F Piper & Son, North Hill, Launceston
- 19 Callywith Quarry**
J Stephens, Bodmin
- 20 De Lank Quarry**
Ennstone Breedon Ltd, St Breward, Bodmin
- 21 Hingston Down Quarry**
Hanson Aggregates, Nr Gunnislake
- 22 Greystone Quarry**
Aggregate Industries (UK) Ltd, Launceston
- 23 Polyphant Quarry**
Polyphant Stone, Polyphant, Launceston
- 24 Blackhill Quarry**
Tarmac Southern Ltd, Polyphant, Launceston
- 25 Goonvean**
Goonvean Aggregates Ltd, St Austell
- 26 Littlejohns**
Aggregate Industries (UK) Ltd, Summercourt
- 27 Melbur**
Aggregate Industries (UK) Ltd, Summercourt
- 28 Chywoon Quarry**
Lauer Brothers Ltd, Longdowns, Penryn
- 29 Tor Down Quarry**
Mr & Mrs Clark, St Breward



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Quarry Operators

1 Castle-an-Dinas Quarry, Castle Granite Ltd, Ludgvan, Penzance



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Site Status:
Rock Type:
Existing/potential uses:

Operational
Granite
Sea-defence, coastal and river protection materials. Land reclamation, landfill, contaminated land and landscaping (clay-rock, drainage materials, pipe bedding, lump rock and hedging/walling stone). Construction materials (rock fill, aggregates and walling stone).



Contact Details:

M P Whitehouse, Director
R Whitham, Sales Manager
Castle Granite Ltd, Castle-an-Dinas Quarry, Ludgvan
Penzance, Cornwall TR20 8AG

Tel:
Fax:
Email:
Website:

01736 365155
01736 351464
castle@castlegranite.fsnet.co.uk
www.castlegranite.com

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2 Trannack Quarry, R Pascoe & Sons, Coverack Bridges



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Site Status:
Rock Type:
Existing/potential uses:
Additional Information:

Operational
Granite
Memorials
Full workshop facilities for sawing, polishing and dressing stone.

Contact Details:

Mr R Pascoe
121 Trelowarren Street
Camborne
Cornwall
TR14 8AW

Tel:
Fax:
Quarry Contact:
Email:

01209 713595
01209 612341
David Pascoe - 01326 572302
enquiry@rpscove.co.uk



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3 Trenoweth Quarry, T Marsh Ltd, Mabe Burnthouse, Penryn



Site Status:
Rock Type:
Existing/potential uses:

Operational
Granite
Memorials, dimensional products, building stone, walling stone, path/drive stone and rockery material.

Special Characteristics:
Additional Information:

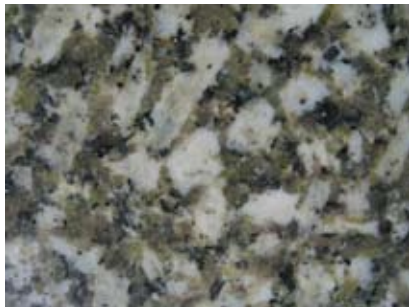
Hard and durable.
Full workshop facilities for sawing, polishing and re-dressing. All aspects of stone masonry covered. Imports material from other sources to be worked or re-worked although generally only work Cornish stone.

Contact Details:

Mr T Marsh
Trenoweth Quarry, Mabe Burnthouse, Penryn,
Cornwall TR10 9HY

Tel:
Fax:

01326 372546
01326 372546



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4 Carnsew Quarry, Aram Resources Limited, Mabe, Penryn



Site Status:

Operational

Rock Type:

Granite

Existing/potential uses:

Rock armour, random walling stone, rockery, decorative chippings and concrete aggregate.

Special Characteristics:

Highly attractive silver grey granite, hard-wearing and decorative.

Additional Information:

Not a retail outlet – deliveries can be arranged for customers in bulk only.

Contact Details:

Aram Resources Limited
Wallage Lane, Rowfant, Crawley, West Sussex

Tel:

01342 711000

Quarry Contact:

Debbie Palmer – 01326 375660

Email:

debbie.palmer@aramresourcesltd.co.uk



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5 The Lizard, Lizard Serpentine



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Site Status:

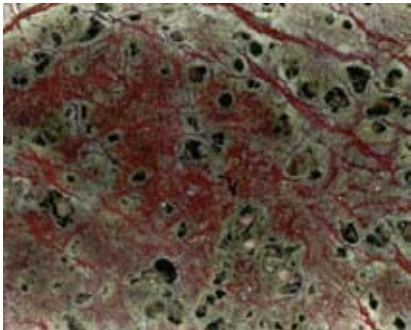
Operational

Rock Type:

Serpentine (metamorphic)

Special Characteristics:

Highly coloured soft stone suitable for carving and polishing



Contact Details:

J R Hendy
Hendy's Gift Shop, Lighthouse Road,
The Lizard, Helston, Cornwall TR12 7NJ

Mr Hill
Serpentine Craftsman, Jar Hill
Serpentine Works, The Square
The Lizard, Cornwall

Tel: 01326 290413

Tel: 01326 290801

P L Casley and Son
Lizard Point, Serpentine Works, The Lizard,
Helston, Cornwall

D & C A Pitman
Penvean, Penmenner Road, The Lizard
Cornwall, TR12 7NN

Tel: 01326 290014

Tel: 01326 290676 / 01326 290046

Email: derekpitman@aol.com

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6 Dean Quarry, Cemex Materials UK Limited, St Keverne



Site Status:

Operational

Rock Type:

Gabbro

Existing/potential uses:

Memorials, Dry stone chippings, rock armour, walling stone, gabion stone and railway ballast.

Special Characteristics:

Very hard, high density stone.

Additional Information:

Import glass from bottle banks and re-process for use in asphalt.

Contact Details:

Cemex Materials UK Ltd.

Equinox North, Great Park Road, Bradley Stoke

Bristol BS32 4QL

Tel:

01454 451800

Fax:

01454 451810

Quarry Contact:

Mathew Knight, Quarry Manager - 01326 280472

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7 West of England Quarry, Aram Resources Ltd, Porthoustock, St Keverne



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Site Status:

Rock Type:

Existing/potential uses:

Special Characteristics:

Additional Information:

Contact Details:

Quarry Contact:

Tel:

Mobile:

Email:

Website:

Operational

Gabbro/basalt

Dry stone chippings, rock armour.

Very hard, high density stone, high PSV stone.

Quarry operated by part of the Dudman Group of Companies, but owned by Aram Resources Ltd.

Aram Resources Limited
Wallage Lane, Rowfant, Crawley, West Sussex

Mr R. Colsell

01326 281050

07966 301092

rob.colsell@dudmangroup.co.uk

www.dudmangroup.co.uk

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8 Tredinnick Quarry, MMC Group, Grampound



Site Status:

Operational

Rock Type:

Gritstone

Existing/potential uses:

Cut walling stone, uncut walling stone and hedging stone, rockery materials, high PSV aggregates and low grade aggregates including recycled aggregates.

Special Characteristics:

Colour, strength and physical properties. Infilling with construction and demolition materials.

Additional Information:

Part of the MMC Group.

Contact Details:

Mr T McCullough
Hallaze Blockworks, Penwithick, St Austell PL26 8YL

Tel:

01726 850461

Email:

bodminblocks1@btconnect.com

Website:

www.bodminblocks.co.uk



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9 Tredinnick Quarry, R Jonas & Sons, St Issey



Site Status: Operational
Rock Type: Shale/Slate
Existing/potential uses: Walling stone

Contact Details: Mr R Jonas
Tredinnick, St Issey, Wadebridge, Cornwall PL27 7QZ

Tel: 01841 540332



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10 Delabole Slate Quarry, The Delabole Slate Co Ltd, Pengelly, Delabole



Site Status:
Rock Type:
Existing/potential uses:

Operational
Slate
Roofing slate (sized or random), dimension stone (floor slabs, window sills, work tops, fire hearths/surrounds), monumental products (gravestones, plaques), building stone, walling stone (landscaping, paving, slate chippings) and secondary aggregates (powders, granules).

Special Characteristics:

Time-proven durability and versatility, product life of hundreds of years.

Contact Details:

Mr George Hamilton
The Delabole Slate Co Ltd, Pengelly, Delabole, Cornwall PL33 9AZ

Tel:
Fax:
Email:
Website:

01840 212242
01840 212948
sales@delaboleslate.co.uk
www.delaboleslate.co.uk www.delaboleslatesigns.co.uk



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11 Trearne Quarry, L Uglow & Sons, Delabole



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Site Status:
Rock Type:
Existing/potential uses:

Operational
Slate
Walling stone, building stone, paving, cladding, rockery and tiles.

Contact Details:

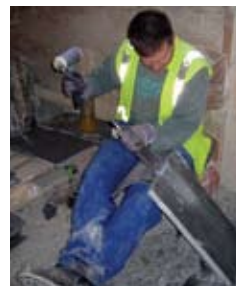
Mr Roland Uglow
Trecarne Quarry, Trecarne Farm, Delabole, Cornwall PL33 9DG

Tel:
Fax:
Email:

01840 770579
01840 770579
roland.trecarne3-quarry@bopenworld

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12 Trevillet Quarry, Mill Hill Quarries Ltd, Trevillet, Tintagel



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Site Status:
Rock Type:
Existing/potential uses:

Operational
Slate
Building stone, roofing slate (sized or random), walling stone, hedging stone, crazy paving and random paving with some sawn edges and rockery stone.

Special Characteristics:

Two colours available in most products; rustic (predominantly red/brown) or blue/grey.

Additional Information:

Product name – Trevillet Roofing Slate

Contact Details:

Mill Hill Quarries Ltd
Mill Hill, Tavistock, Devon PL19 8NP

Tel:
Quarry Contact:
Email:
Website:

01822 612786
Mrs A. Burg Sales Coordinator - 01822 612786
millhillquarries@btclick.com
www.millhillquarries.co.uk



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13 Pigsdon Quarry, Penhill Quarry & Haulage Limited, Launcells, Bude



Site Status:

Operational

Rock Type:

Sandstone/gritstone

Existing/potential uses:

Building stone, walling and fireplace stone, rockery stones and boulders. Aggregate to dust

Contact Details:

Mr Roy Pengilly

Pigsdon Quarry, Launcells, Bude, Cornwall EX23 9LQ

Tel:

01288 321538

01288 321326

01288 321489

Fax:

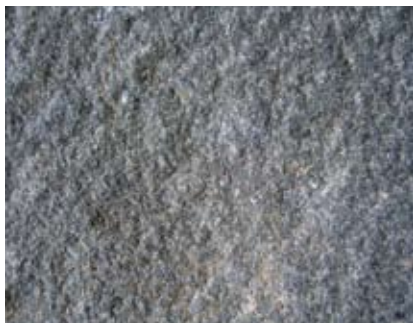
01288 321653

Email:

enquiries@penhillquarry.co.uk

Website:

www.penhillquarry.co.uk



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14 Westwood Quarry, Lantoom Ltd, East Taphouse, Dobwalls, Liskeard



| | |
|---------------------------------|---|
| Site Status: | Operational |
| Rock Type: | Slate |
| Existing/potential uses: | Sawn to size or naturally selected for building stone, walling stone, paving, landscaping, rockery or Cornish hedges. |
| Special Characteristics: | Used throughout Cornwall, Devon and beyond especially in cottage extensions and renovations and barn conversions. |
| Additional Information: | Sawing and guillotining of stone undertaken. Sourcing of stones to match. Hardcore/fill supplies. |
| Contact Details: | Lantoom Limited Cloak Park, Roseland, Liskeard, Cornwall PL14 3PQ |
| Tel: | 01579 342708 01579 320205 01579 320577 |
| Fax: | 01579 342708 |
| Quarry Contact: | Mr R Phillips or Mr J Finch – 01579 320205/01579 320577 |
| Email: | sales@lantoom.co.uk |
| Website: | www.lantoom.co.uk |

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15 Lantoom Quarry, Lantoom Ltd, Dobwalls, Liskeard



Site Status:

Operational

Rock Type:

Slate

Existing/potential uses:

Building stone, walling stone, paving, cladding, rockery, landscaping and Cornish hedges.

Special Characteristics:

Used throughout Cornwall, Devon and beyond but typical of east Cornish traditional walling. Also matches the old and long since closed slate quarry materials in south Devon. House extensions and barn conversions etc.

Additional Information:

Sawing and guillotining of stone undertaken. Sourcing of stones to match. Hardcore/fill. Suppliers of backfill for contaminated land areas or general fill. Very compactable and proved very low in background arsenic content.

Contact Details:

Lantoom Ltd
Cloak Park, Roseland, Liskeard, Cornwall PL14 3PQ

Tel:

01579 342708
01579 320205
01579 320577

Fax:

01579 342708

Quarry Contact:

Mr R Phillips or Mr J Finch – 01579 320205/01579 320577

Email:

sales@lantoom.co.uk

Website:

www.lantoom.co.uk

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16 Caradon Hill Quarry, Lantoom Ltd, Minions, Liskeard



Site Status:

Operational

Rock Type:

Granite

Existing/potential uses:

Dimensional products, building stone, walling stone, landscaping or rockery stone, paving, setts, guillotined and sawn to size, sculpture stones and special and one-off products.

Special Characteristics:

Typical of Cornwall and Dartmoor areas, traditional construction mixing of rusty and silver grey colouring or individual colours. Very hard texture, high frost resistance and high crushing strength.

Additional Information:

Sourcing of stone to match existing walls, time weathered and used stone supplied.

Contact Details:

Lantoom Limited
Cloak Park, Roseland, Liskeard, Cornwall PL14 3PQ
01579 342708 / 01579 320205 / 01579 320577

Tel:

Fax:

Quarry Contact:

Mr R Phillips or Mr J Finch – 01579 320205/01579 320577

Email:

sales@lantoom.co.uk

Website:

www.lantoom.co.uk

The Cornish Building Stone and Slate Guide

17 Darley Ford Quarry, Mr T Dilworth, Upton Cross, Liskeard



Site Status:
Rock Type:
Existing/potential uses:

Operational
Granite
All granite products including hedging, walling, rockery, cut/
sawn stone, feature standing stones, fireplaces, quoins, lintels
and sills.

Special Characteristics:

Two colours available in most products; rustic (predominately
red/brown) or blue/grey.

Additional Information:

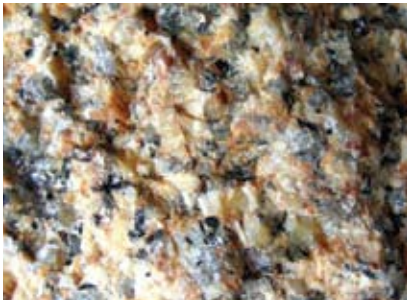
Silver grey to brown granite, weathered stone.

Contact Details:

Mr T Dilworth
Darley Ford Quarry, Upton Cross, Liskeard,
Cornwall PL14 5AS

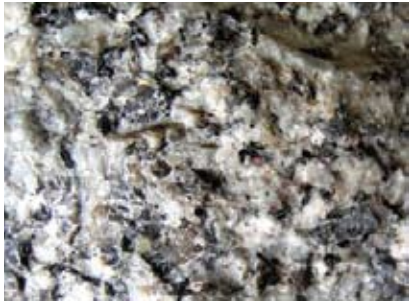
Tel:
Fax:
Mobile:
Website:

01579 363069
01579 363069
07770 804954
www.darleyfordquarry.co.uk/



The Cornish Building Stone and Slate Guide

18 Bearah Tor Quarry, C F Piper & Son, North Hill, Launceston



Site Status:

Operational

Rock Type:

Granite

Existing/potential uses:

Stone for restoration of historic buildings, also for landscaping and name signs.

Special Characteristics:

Important colour of granite moor stone, honey colour to match existing granite in historic buildings. Stone is durable.

Additional Information:

Traditional dressing of stone at quarry and on site. Various stones cut to match existing, reclaimed if possible.

Contact Details:

C F Piper
Trenwith, Henwood, Liskeard, Cornwall

Tel:

01579 362016

Fax:

01579 362016

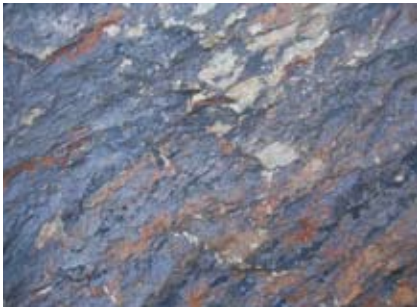


The Cornish Building Stone and Slate Guide

19 Callywith Quarry, J Stephens, Bodmin



36



Site Status: Operational

Rock Type: Slate

Existing/potential uses: Walling stone, cut stone, hedging stone, rockery stone, crushed stone and various grades for paths and drives.

Special Characteristics: Good quality and colour

Contact Details: Mrs Stephens
Callywith Quarry, Old Callywith Road, Bodmin
Cornwall PL31 2AZ

Tel: 01208 72029

Fax: 01208 79218

The Cornish Building Stone and Slate Guide

20 De Lank Quarry, Ennstone Breedon Limited, St Breward, Bodmin



Site Status:

Operational

Rock Type:

Granite

Existing/potential uses:

Dimensional products (building stone, walling stone), landscaping products (paving, kerbs, setts) and cobbles

Special Characteristics:

One of the hardest granites quarried anywhere in the world. Supplied stone for Eddystone Lighthouse, Tower Bridge, Royal Opera House, Trafalgar Square and Princess Diana Fountain.

Additional Information:

Last working dimensional granite quarry in Cornwall employing 26 people.

Contact Details:

Mr John Brummitt
Ennstone Breedon Limited, Main Street, Breedon on the Hill
Derby DE73 1AP

Tel:

01332 694001

Fax:

01332 695159

Quarry Contact:

Mr I Skinner, Quarry Manager - 01208 850217

Website:

www.ennstone.co.uk www.silvergreygranite.com



The Cornish Building Stone and Slate Guide

21 Hingston Down Quarry, Hanson Aggregates, Nr Gunnislake



38



Site Status: Operational

Rock Type: Granite

Existing/potential uses: Aggregates of all sizes, asphalt materials, concrete blocks, pre-mixed concrete, armour stone and gabion stone.

Additional Information: Ditch cleanings from County Council are used as a regeneration material for restoration purposes on the site.

Contact Details: The Ridge, Chipping Sodbury, Bristol BS37 6AY

Tel: 01822 832271

Fax: 01822 833342

Quarry Contact: Mr D Jenkins, Hanson Aggregates, Hingston Down Quarry, Chilsworthy, Nr Gunnislake, Cornwall PL18 9AU

Website: www.hanson.co.uk

The Cornish Building Stone and Slate Guide

22 Greystone Quarry. Aggregates Industries (UK) Ltd, Launceston



Site Status:

Operational

Rock Type:

Basalt

Existing/potential uses:

Aggregates of all sizes, gabion stone, single sizes and general fills, asphalt and surface dressing.

Special Characteristics:

Cornish blue/grey basalt, durable material.

Additional Information:

Reprocessing Cornwall's mineral waste to produce secondary material.

Contact Details:

Cornwall & Plymouth Area Sales Office, Melbur Works, Summercourt, Newquay TR8 5UA

Tel:

01726 862233

Fax:

01726 862240

Quarry Contact:

Manager - James Sims

Tel:

01566 772392

Fax:

01566 773776

Email:

lesley.frost@aggregate.com

Website:

www.aggregate-uk.com



The Cornish Building Stone and Slate Guide

23 Polyphant Quarry, Polyphant Stone, Polyphant, Launceston



40



Site Status:
Rock Type:
Existing/potential uses:
Special Characteristics:
Additional Information:

Operational
Soapstone (metamorphic)
Restoration and sculpture
Soft, easily worked and polished.
Only worked 3 – 4 weeks per year and all material is processed at Yelvertoft

Contact Details:

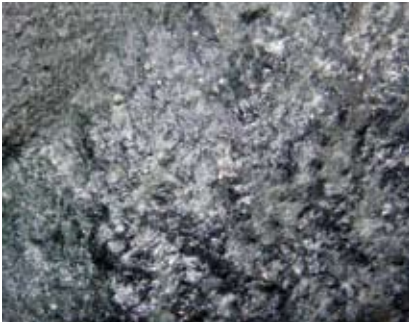
Mr Michael Owen
Polyphant Stone, 44 High Street, Yelvertoft,
Northampton NN6 6LQ

Tel:

01788 822281

The Cornish Building Stone and Slate Guide

24 Blackhill Quarry, Tarmac Southern Limited, Polyphant, Launceston



Site Status:

Operational

Rock Type:

Dolerite (a form of basalt)

Existing/potential uses:

General aggregates for concrete/asphalt/fill markets

Special Characteristics:

Strength and durability

Contact Details:

Tarmac Southern Limited
Regional Office, Stancombe Lane, Flax Bourton
Bristol BS48 3QD

Tel:

01275 465859

Fax:

01275 465826

Quarry Contact:

Mr T Emms – 01579 346076

The Cornish Building Stone and Slate Guide

25 **Goonvean**, Goonvean Aggregates Ltd. St Austell



Site Status:

5 Operational Sites

Rock Type:

Granite

Processed Material

Two crushed rock quarries plus 3 sand & gravel pits producing a full range of products for construction, industrial and leisure applications.

Classification:

Materials supplied in sizes ranging from a single five tonne piece of granite down to a fine graded mortar sand.

Existing/potential uses:

Aggregates for road stone, concrete, gabion baskets, walling stone, paving and decorative. Sand and gravel for mortar, concrete, art stone, filter beds, drainage media, horticultural grits, equestrian, sports pitch applications, golf bunkers and decorative.

Special Characteristics:

All products are secondary aggregates arising from the primary activity of china clay extraction. This does not affect the quality of the product as they are derived from granite a hard and durable rock, which has been used for building for hundreds of years.

Contact Details:

Aggregate Sales, Goonvean Limited, St Stephen, St Austell, Cornwall, United Kingdom PL30 7QF

Tel:

01726 822381

Fax:

01726 822341

Email:

aggregates@goonvean.co.uk

Website:

www.goonvean.co.uk



The Cornish Building Stone and Slate Guide

26 Littlejohns, Aggregate Industries (UK) Ltd, Summercourt



Site Status:

Operational

Rock Type:

Granite

Existing/potential uses:

Aggregates of all sizes, gabion stone, single sizes and general fills.

Special Characteristics:

Reprocessing Cornwall's mineral waste to produce secondary material.

Contact Details:

Cornwall & Plymouth Area Sales Office, Melbur Works, Summercourt, Newquay TR8 5UA

Tel:

01726 862233

Fax:

01726 862240

Quarry Contact:

Manager - Steve Trevor

Tel:

01726 852145

Fax:

01726 852096

Email:

steve.trevor@aggregate.com

Website:

www.aggregate-uk.com



The Cornish Building Stone and Slate Guide

27 Melbur, Aggregate Industries (UK) Ltd, Summercourt



44

Site Status: Operational

Rock Type: Granite

Existing/potential uses: Aggregates of all sizes, gabion stone, single sizes and general fills. Asphalt and concrete blocks.

Special Characteristics: Reprocessing Cornwall's mineral waste to produce secondary material.

Contact Details: Cornwall & Plymouth Area Sales Office, Melbur Works, Summercourt, Newquay TR8 5UA

Tel: 01726 862233

Fax: 01726 862240

Quarry Contact: Manager - Glen Ford

Tel: 01726 861140

Fax: 01726 852096

Email: glen.ford@aggregate.com

Website: www.aggregate-uk.com



The Cornish Building Stone and Slate Guide

28 Chywoon Quarry, Lawer Brothers Ltd, Longdowns, Penryn



Site Status:

Rock Type:

Existing/potential uses:

Operational

Silver Grey Granite

Walling stone, rockery stones, boulders and cobbles.
Aggregate to dust. Coated roadstone.



Contact Details:

Tel Office:

Tel Weighbridge:

Fax:

Coated Roadstone Plant:

Email:

Mr. Stephen Lawer

Chywoon Quarry, Longdowns, Penryn TR10 9AF

01209 860520

01209 861368

01209 860064

01209 861555

lawerbros1@btconnect.com

The Cornish Building Stone and Slate Guide

29) Tor Down Quarry, Mr & Mrs Clark, St Brevard



Site Status:
Rock Type:
Existing/potential uses:

Operational
High quality silver grey and brown granite.
Building stone, rock armour, feature stones, walling stone, landscaping or rockery stone, sculpture stones and special and one-off products such as water features, Cornish hole stones, carved stones.
Special Characteristics: Silver grey has a high mica content providing beautiful “sparkle”
Additional Information: Bespoke items created to order, including garden memorials and monuments.

Contact Details:

Tordown Granite, Tor Down Quarry, St Brevard,
Cornwall. PL30 4NA

Tel:

01208 850885

Quarry Contact:

David and Angela Clark 01208 850885

Email:

enquiries@tordownquarry.com

*Please note: the quarry is open to callers by appointment only.
Please phone before turning up.*

The Cornish Building Stone and Slate Guide

Salvage & Reclamation

The use of reclaimed building materials can reduce the need to quarry and process new building stone and slate, thereby reducing the potential detrimental impact of quarrying while also avoiding the landfill disposal of these materials. The use of reclaimed building materials is therefore encouraged. Such reclaimed materials may also be weathered and aged and therefore blend more readily with existing features.

The salvage and reclamation yards below can provide a range of recycled material; some of them also offer demolition expertise.



Reclaimed Delabole slate

Bartles Reclaim New England, Porkellis,
Helston TR13 OJU
Tel: 01326 340772
Website: www.bartlesreclaim.co.uk

Dingle M. R. Station Road, Station Approach,
St Columb Road
Tel: 01726 861119

Downderry Group Ltd
Established in 1972 and offer a range of services including, road haulage, recycling and heavy plant and also supply a wide range of aggregates including alluvial riverbed sand.

Contact Details: Downderry Group Ltd
15 Beeching Park, Station Road,
Kelly Bray, Callington, Cornwall PL17 8QS
Steve Pote 07970 936 973 or **Ian Hurst** 07855 383 720
Tel: 01579 382204
Fax: 01579 383122
Email: info@downderrygroup.co.uk
Website: www.downderrygroup.co.uk

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DRS Demolition, Reclamation & Salvage

Domellick Manor, St Austell PL26 8BY

Tel: 01726 824642

Duchy Granite 20 Trevallack Parc, Helston, Cornwall

Tel: 01326 281155

Eden Reclamation

Carluddon Garage, St Austell

Tel: 01726 852700

Mobile: 07817 939796

Farm & Garden Bygones

21/23 New Street, Padstow,
Cornwall PL28 8EA

Tel: 01841 532914

Website: www.gardenbygones.demon.co.uk

Gillman Enterprises

Little Trenewth, Michaelstow,
St Tudy TR30 3PE

Tel: 01208 850413

Magpies Reclamation

Architectural Salvage and Reclamation

Contact details: Jamie & Sarah Grant

Magpies Reclamation, Unit 9a,
Pityme Industrial Estate, Rock
Cornwall PL27 6NS

Tel: 01208 863828

Email: info@magpiesreclamation.co.uk

Website: www.magpiesreclamation.co.uk



Sawn reclaimed granite



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T Marsh Ltd

Reclaimed Cornish granite. Full workshop facilities for sawing, polishing and re-dressing. All aspects of stone masonry covered.

Contact Details: Mr T Marsh
Trenoweth Quarry, Mabe Burnthouse,
Penryn, Cornwall TR10 9HY

Tel: 01326 372546

Fax: 01326 372546

NIW UK Ltd

Stocking a large number of garden accessories including granite, slate and railway sleepers and items such as natural sandstone paving, slate flooring, sills and slabs, oak and pine flooring, local building materials (sand, aggregates etc) and decorative chippings, both local and sourced throughout the UK.

Contact Details: Mr I Wilson or Mr N Wilson
NIW UK Ltd, Polgaze Barton Farm,
Liskey Hill, Perranporth, Cornwall TR6 0BB

Tel: 01872 573796

Fax: 01872 573001

Email: sales@niwuk.com

Website: www.niwuk.com

Shiver Me Timbers

Long Rock, Penzance

Tel: 01736 711338

Stax Reclamation

Building Materials & Architectural Salvage. Oak flooring, reclamation, fire places, doors, old furniture, stax, stax reclamation, bricks, slate, granite, oak beams, railway sleepers and glass.

Contact Details: Stax Reclamation
Avery Way, Tamar Industrial Estate,
Saltash PL12 6LD

Tel: 01752 849111

Fax: 01752 849101

Email: sales@staxreclamation.com

Website: www.staxreclamation.com



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LL Winn and Sons

Cornish Hedging and Walling Stone from reclaimed granite.

Contact Details: Winns Waste Services
Herniss Farm, Longdowns, Penryn,
Cornwall TR10 9DU

Tel: 01209 860325 or 01209 861231

Email: enquires@winns waste.com or
support@winns waste.com

Website: www.winns waste.com

Tinkers

Contact Details: Unit 9, The Roundhouse,
Harbour Road, Par

Tel: 01726 812812

Website: www.tinkers of par.co.uk

Truro Reclamation

Fair Park, School Road,
Summercourt TR8 5EA

Tel: 01872 510807

Timbertrack Limited

Suppliers of Delabole flooring and roofing slate, granite quoins, steps and flooring. Architectural salvage bought and sold. Open Mon – Fri 8am – 5pm,
Sat 8am – 12noon.

Contact Details: Timbertrack Limited
Station Yard, St Columb Road,
Cornwall TR9 6QR

Tel: 01726 861119

Website: www.timbertrack.co.uk

F. Wearne & Son

Stone & monumental masons, renovation and hedge building. National Trust renovation. Reclaimed granite and slate. Sawing and polishing.

Contact Details: Douglas or Christopher Wearne
Higher Tremenheere, Wendron, Helston,
Cornwall TR13 OPP

Tel: 01326 572794

Fax: 01326 572788

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Stonemasons & Dry Stone Wallers



Ancient dry stone walls



Cornish hedge building

Cornish Hedging

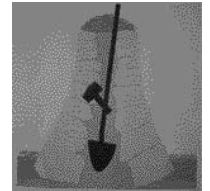
Cornish hedging is quite unique in that vegetation is encouraged to grow on the top by turfing and it has an earth filled core. These are often stone faced and have a distinctive character in the landscape. On exposed sites vegetation may be limited to low growing herbaceous plants and stunted shrubs such as gorse however in more sheltered areas they can support a wider range of species including trees and shrubs. Where slate is available or large granite boulders, dry stone walling is practised. Some of the dry stone walling in West Penwith dates back to prehistoric time.

When building or repairing hedges it is important that the choice of stone matches other existing hedges in the locality as closely as possible to retain the character of the area.

The Guild of Cornish Hedgers

The Guild of Cornish Hedgers represents the craft of Cornish hedging and encourages the use of local stone and traditional methods of building Cornish hedges. One of its functions is to link its members with organisations and individuals who have Cornish hedges to build or repair.

Enquires should be sent to Robin Menneer at 01736 365460 or email robinmenneer@gmail.com. Technical information is available at the Guild's website www.cornishhedgers.com



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Ancient dry stone wall



Mature Cornish hedge - Zennor

The Dry Stone Walling Association of Great Britain

The Association has produced a guidance note to assist professional decision makers, local authorities, architects, etc in drawing up specifications for dry stone work which require an earth infill. The guidance note sets out the specifications including usual height, width, construction material and other details.

Contact Details: Dry Stone Walling Association of Great Britain
DSWA Office
Westmorland County Showground
Lane Farm
Crooklands
Milnthorpe
Cumbria
LA7 7NH

Tel: 01539 567953
Email: information@dswa.org.uk
Website: www.dswa.org.uk



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The Cornish Hedge Group

The Cornish Hedge Group was formed out of the Cornwall Biodiversity Initiative to bring together all those bodies and individuals with an interest in Cornish Hedges. The Group is co-ordinated by Cornwall County Council and the Cornwall Farming and Wildlife Advisory Group (FWAG). The Group has published or contributed to a number of papers, publications and technical advice.

Contact Details: Natural Environment
Cornwall County Council
St Clement Building
Old County Hall
Truro
Cornwall
TR1 3AY

Tel: 01872 322000
Email: forestry@cornwall.gov.uk
Website: <http://www.cornwall.gov.uk/index.cfm?articleid=6610>



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Various styles of walling and hedging in Cornwall



Dry walling - Delabole



Wall - Bodmin



Decorative - Tintagel

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Contacts - Stonemasons & Wallers in Cornwall

All About Rural Services

Winyeates, Sharptor, Liskeard PL14 5AT

Tel: 01579 363830

Darrock & Brown - Conservation Builders

Brims Park, Old Calywith Road, Bodmin PL31 2DZ

Tel: 01208 77287

R.N. Burrows

Rose Cottage, Trebarvah Woon, Constantine

Tel: 01326 340834

Burton Construction

6 Roman Drive, Bodmin

Tel: 01208 78123

Callington Stonemasons

51, Broadmead, Callington PL17 7DD

Tel: 01579 382592

Castle Granite Ltd

Castle an Dinas Quarry, Ludgvan, Penzance TR20 8AG

Tel: 01736 365155

Champion

Oak Tree Cottage, St. Breward, Bodmin PL30 4LT

Tel: 01208 851357

Roger Clemens

Penrose, Wadebridge, PL27 7TB

Tel: 01841 540256

Cornish Stone Hedging

Skewes Cottage, Nancegollan, Helston, TR13 0BL

Tel: 01209 831104

Cornish Stone Works

Mowhay, Coosebean, Truro TR4 9EA

Tel: 01872 272502

Cowley Granite & Slate Ltd

Brea Works, Brea

Tel: 01209 712754



Cornish hedging using slate

The Cornish Building Stone and Slate Guide

Paul Diamond

4 Chapel Row, Whitegates, Looe PL13 1QB

Tel: 01503 240571 – 07736 458609

www.cornish-hedges.co.uk

David Dyer - Monumental Mason

21 Wheal Jane Meadows, Threemilestone

Tel: 01872 273574

Duchy Granite

Andrew Sanger, 20 Trevallack Park, St Keverne, Helston TR12 6XA

Tel: 01326 281155 - 07814 695791

J.P Ely

Highlands Farm, Fernsplatt, Chacewater, Truro TR4 8RJ

Tel: 01872 864971

Frank & Ed Faulk

Rose Cottage, Polgooth, St. Austell PL26 7BY

Tel: 01726 66474

Philip Headon

Tredole Farm, Trevalga, Boscastle PL35 0ED

Tel: 01840 250424

Charles Hoyle

Crafken Farm, Helston TR13 OPF

Tel: 07813 455787

Email: charliehoyle@hotmail.co.uk



Decorative Cornish hedge

Phillip Kennen

Treswigg, Blisland

Tel: 01208 851970

Kiwi Kol Landscapes

16, Lewarne Rd, Porth, Newquay TR7 3JS

Tel: 01637 879450

Roger Maclean

Carnyorth

Tel: 07968 340321

A.J Martin

127, Killigrew St, Falmouth TR11 3PX

Tel: 01326 315752

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Philip Orchard Cornerways,

Edmonton Lane, Whitecross, Wadebridge PL27 7JA

Tel: 01208 813218

Patrick Semmens

32 Chapel Street, St Just TR19 7LT

Tel: 01736 788816

Ian Shield

Pentreath, Tresillian, Truro TR2 4BW

Tel: 01872 520294

Andrew Stephens

Building 9, Grass Valley Park, Bodwin, Bodmin PL31 1DN

Tel: 01208 269055

Silverstone Landscaping

15, Penlee Villas, Playing Place, Truro TR3 6EY

Tel: 07914 824899

Stonework

21, Treskewes Estate, St. Keverne, Helston TR12 6RA

Tel: 01326 281341

D J Stoneworks

34, Beechwood Drive, Camelford PL32 9NA

Tel: 01840 211583

NJM Stonework Specialist

19, Pendray Gardens, Dobwalls, Liskeard PL14 4NT

Tel: 07968 740320

S & M Stonemasons

12, Valentine Row, Callington PL17 7DH

Tel: 01579 384903

A.A Thomas

Nanquidno Cottage, Nanquidno, St. Just, Penzance, TR19 7NU

Tel: 01736 787372

C J & W Thomas

Hyacinth Villa, Foundry Road, Stithians, Truro TR3 7BT

Tel: 01209 860762



Cornish hedging using granite

The Cornish Building Stone and Slate Guide

Town & Country Stone Masonry

7a, Well St, Tregony, Truro TR2 5RT

Tel: 01872 530462

Will Tremayne

13 North Street, Redruth TR15 1HJ

Tel: 01209 314330 – 07881 418069

www.willtremaynecornishhedger.co.uk

D Trerise & Sons

61 Clinton Road, Redruth TR15 2LP

Tel: 01209 314724

Nick Vandy

3, Mill Rd, Penponds, Camborne TR14 0QH

Tel: 01209 713470

John Veal

4, Steppy Downs Rd, St. Erth Praze, Hayle TR27 6EF

Tel: 01736 850807

Frederick Wearne & Sons

Higher Tremenheere, Wendron, Helston TR13 OPP

Tel: 01326 572794

G & D Roofing and Construction

Tregaron, Coombe Road, Lanjeth, St Austell, PL26 7TL

Tel: 01872 75920 or 850442

email: dawspa5@aol.com or green-m2@fsmail.net



Photo courtesy of Paul Diamond

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Scantle slating

A traditional slate roofing technique in which slate is wet laid on a lime-based mortar bed and hung on a wooden peg. The size of slate is graded from larger at the eaves to smaller at the ridge.

The method involves measuring and grading the slates then marking out and lathing the roof in reducing courses using a wooden rod called a 'scantle', from which the slating style gets its name.

These roofs can last for over 100 years.



Before: The original roof has been 'cement washed' to hold the old slates in place. This retains dampness and may eventually hasten corrosion of the timber laths.



After: The new scantle slate roof.



Photos courtesy of JS Roofing Services



The Cornish Building Stone and Slate Guide

Contacts – Scantle Roofing in Cornwall

Apex Roofing

Rosemodress Cottage, Nr. Lamorna, Penzance

Tel: 01736 811280 **Mobile:** 07789 100670

Gavin Hickson

The Scantle Roof Company, Harvose Fm, Coombe ,
St Austell, PL26 7LT

Tel: 01726 883300

J W Lewis & Sons Ltd

Unit F/G, Bojea Industrial Estate, Trethowel, St Austell,
Cornwall PL25 5RJ

Tel: 01726 72764

Ron Lyne Builders

Scantle Slating and Leadwork Specialists

Caerthillian Farm, The Lizard, Helston, TR12 7NX

Tel: 01326 290596 **Mobile:** 07974 010508

Stuart Meigh

JS Roofing Services, Killanoon, 12 Tolroy Road, St Erth
Cornwall, TR27 6EA

Tel: 01736 798646 **or:** 01736 759215

Mobile: 07798940550 **Fax:** 0700 634 0301

Email: stuart.meigh@jsroofing.co.uk

Mid Cornwall Roofing Contractors Ltd.

Lower Budock Mill, Eastwood Road, Penryn, Cornwall
TR10 8JT

Tel: 01326 372302

Fax: 01326 372302

Samotomas Builders - Samuel J Connor

Conservation Restoration Specialists

Tel: 01736 364882 **Mobile:** 07916279737



Images courtesy of Carrick District Council

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Other Natural Building Materials

Cob

Cob building is a method that utilises a simple mixture of clay sub-soil, aggregate and straw to create solid structural walls built without shuttering or other forms, onto a stone plinth.



Cob in Cornwall

Based in Manaccan on the Lizard peninsula, a company specialising in the restoration and new build of earthen structures, known as cob. Cob in Cornwall have published a book entitled 'Building with Cob: A step - by - step guide' (ISBN:190399872)

Contact Details: Adam Weismann and Katy Bryce
Higher Boden, Manaccan, Helston
Cornwall TR12 6EN

Tel: 01326 231773
0778 978 0391

Email: info@cobincornwall.com

Website: www.cobincornwall.com

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Leslie Cornell – Cob Specialist

62 Traditional Cob Repairs and Rebuilds Lime Plastering - Lime Pointing - Stonework Investigations Undertaken
Specialising in:

- All aspects of cob in construction
- Structural assessments
- Damp limitation
- Stonework repairs and rebuilds
- Repairs and rebuilds
- Planning consent
- Listed buildings
- All lime applications (render, plaster, pointing and painting)

Contact Details: Leslie Cornell
66 Moorland Road, St Austell, Cornwall PL25 5BS

Tel: 01726 70002
Mob: 0771 5096196
Email: Cornellcob@btinternet.com
Website: www.cornellcob.co.uk

Members of: Approved Contractor Scheme Guild of Master Craftsmen



The Cornish Building Stone and Slate Guide

Cornish Lime Co Ltd



Lime pointing



Lime wash

Cornish Lime Company supplies appropriate building restoration materials, such as lime putty and hydraulic lime for mortars, plasters and washes. Also offer support and advice, including an on-site training area ensuring the correct uses of products. Also stock a range of local stone, cob blocks, natural cement, natural paints and aggregates so that Cornish buildings can be repaired, and continue to be built, in a manner that is suitable to the area as well as sustainable.

Contact Details: Phil Brown
Cornish Lime Co Ltd
Brims Park
Old Callywith Road
Bodmin
Cornwall
PL31 2DZ

Tel: 01208 79779
Fax: 01208 73744
Email: sales@cornishlime.co.uk
Website: www.cornishlime.co.uk



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Training Courses

The Guild of Cornish Hedgers

The Guild of Cornish Hedgers aims to arrange and supervise the training of up to 40 apprentices on a one-to-one basis with Cornish hedgers. The scheme, utilising Heritage Lottery Funding, will run until 2010 with about 10 new hedgers being trained each year. Each apprentice will complete a 50 working days apprenticeship scheme, usually serving 20 working days with the main hedger before transferring to one or more different hedgers for ten working days, then transferring to the first hedger for the last 20 working days of the apprenticeship. The days do not have to be consecutive and the timescale may vary by mutual agreement between the apprentice and hedger. The Guild hopes to be able to pay £1500 to each apprentice completing their training and passing the Guild's craftsman test.

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| | | |
|-------------------------|-----------------------------|--------------------|
| Contact details: | Robin Menneer | Patrick Semmens |
| | Boleppa | 32 Chapel Street |
| | Sancreed | St Just in Penwith |
| | TR20 8QW | TR19 7LT |
| Tel: | 01736 365460 | 01736 788816 |
| Email: | robinmenneer@gmail.com | |
| Website: | www.guild@cornishhedges.com | |



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Cornwall College - Centre for Built Environment

Provide courses in trowel trades including solid and cavity walling, setting out, plastering, slate roofing, scantle slate roofing and construction in stone.

Contact Details: Viv Stratton or John McPherson
Camborne Pool Redruth College
Trevenson Road, Pool, Redruth
Cornwall TR15 3RD

Tel: 01209 616231

Fax: 01209 616291

Email: vivian.stratton@camborne.ac.uk or j.mcpherson@cornwall.ac.uk

Website: www.cornwall.ac.uk/cpr



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BTCV

BTCV is the UK's leading practical conservation charity. Working through a wide range of partnerships, BTCV has over 40 years experience of managing volunteer programmes, developing and delivering community support, and running employment and training initiatives, including short courses in the construction of Cornish hedges.

BTCV Cornwall is running a project until December 2007 called the Cornish Hedge Discovery Challenge funded by the Heritage Lottery Fund Young Roots programme. The project works with young people between the ages of 13 and 20 to discover, rebuild and raise awareness of Cornish hedges. The young people will be involved in a free residential weekend to learn about the importance of Cornish hedges and to help repair a Cornish hedge near to St Agnes. The project will culminate in an art workshop where the young people come together to create a giant photo mosaic of a Cornish hedge. The work is accredited with the Youth Achievement Awards.

Contact details: BTCV, Unit 5, Mount Pleasant Eco Park, Chapel Hill, Porthtowan, nr Redruth TR4 8HL

Tel: 01209 891360
Fax: 01209 891360
Email: b.levine@btcv.org.uk
Web: www.btcv.org.uk

Registered Charity No: 261009



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Mongoose Environmental Training

Mongoose Environmental Training provides various courses in traditional countryside skills including 1 or 2 day practical courses looking at Cornish hedge building and regional differences in styles and techniques.

Mongoose Environmental Training is currently involved with the BTCV on the Cornish Hedge Discovery Challenge which aims to involve young people in researching and repairing Cornish hedges.



Contact Details: Garry Barradell

Tel: 07792 381333

Email: mongoose.enviro.training@googlemail.com





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Cornish Lime Company

Offer an “Introduction to and Working With Lime” course for anyone from professionals to enthusiasts on a monthly basis. There is a practical element to the course where candidates can try the materials for themselves under the expert guidance of Phil Brown, owner and founder of the Cornish Lime Company.

Other available courses include:

- Lime Rendering and Plastering
- Lime Pointing and Bag Rubbing
- Working with Stone (a practical course demonstrating traditional yet simple techniques of working with stone, with the emphasis on granite)
- Slating (a practical course demonstrating traditional slating techniques)
- Grouting and Masonry Consolidation (a practical demonstration of wall grouting and masonry consolidation works and techniques)
- Cob Building and Repairs (a practical course dealing with the building, maintenance and repair of cob building)
- Lead Work (practical instruction, advice and tips on working and detailing lead roofs and walls)
- Traditional Carpentry (a practical course offering advice and tips demonstrating traditional carpentry techniques)
- Paint Effects, Limewash and Traditional Paints (practical instruction, advice and tips on paint effects using traditional paints and lime washes)
- FREE SEMINARS for Architects/Specifiers

Contact Details: Phil Brown, Cornish Lime Co Ltd, Brims Park, Old Callywith Road, Bodmin, Cornwall PL31 2DZ

Tel: 01208 79779

Fax: 01208 73744

Email: sales@cornishlime.co.uk

Website: www.cornishlime.co.uk

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CSBT trainees wet laying Delabole scantle slating on lime mortar a traditional wind and weather resistant style.

Cornwall Sustainable Building Trust

CSBT is a registered charity with the aim of reducing the impact of construction on the environment. With funding largely from ESF and Defra, the Trust carries out training and awareness raising events in both traditional and sustainable building techniques.

Current projects include:

- STAKES (Skills Training Across Key Emerging Sectors), a co-financed Objective One Project of the Learning and Skills Council
- BSC (Building Sustainably in Cornwall) jointly funded by DEFRA and GOSW's ESF funds
- Microgen a co-financed Workforce Development Project by LSC to train Renewable Energy Installers
- SEAD an LSC assisted project to develop and deliver The ABC Sustainable Energy Award
- Construction Sector Workforce Development Project, in partnership with Cornwall College and CITB to develop new Heritage Skills NVQs and a sector development plan

Contact Details: Old Richard Lander School, Tresawles Road, Truro TR1 3LD

Tel: 01872 277000
Fax: 01872 271200
Email: admin@csbt.org.uk
Website: www.csbt.org.uk





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City of Bath College - Construction Skills Centre

*Currently offer the following full or part time courses in Stonemasonry:
Intermediate & Advanced Construction Awards (Stonemasonry)
NVQs at levels 2 and 3 in Stonemasonry
NVQs at levels 2 and 3 in Memorial Stonemasonry*



City of Bath College is an institution accredited as being a Centre of Vocational Excellence in Stonemasonry.

Stonemasonry is studied in dedicated facilities at the City of Bath College's Construction Skills Centre with staff experienced in the industry as well as teaching and in association with regional businesses. Also offering modern apprenticeships in stonemasonry.

For more information or to request a prospectus please contact the Student Advice Centre as detailed below:

Contact Details: City of Bath College
Avon Street
Bath
BA1 1UP

Tel: 01225 312191
Email: enquiries@citybathcoll.ac.uk
Website: www.citybathcoll.ac.uk



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Courses in Stonework at Weymouth College

Contact Details: Reception/Information Centre

Tel: 01305 761100
Fax: 01305 208892
Email: IGS@weymouth.ac.uk
Website: www.weymouth.ac.uk



The Building Crafts & Conservation Trust

The Trust promotes training in the traditional building skills required for the conservation of historic buildings and manages workshop and on-site training programmes. There is no fixed programme for individual applicants, but the Trust will respond to requests by groups of ten or more on most building conservation topics.

Contact Details: 27 Orchard Street
Canterbury
Kent
CT2 8AP

Tel: 01227 451795
Fax: 01227 478797
Email: alex.maclaren@yahoo.co.uk





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The National Heritage Training Group

The National Heritage Training Group (NHTG) is an independent specialist sector skills development group with a UK-wide remit to provide assistance with all aspects of recruiting, training, and qualifying the built heritage sector workforce of the construction industry. This is achieved by working in partnership with clients, heritage bodies, contractors, Trade Federations, Trades Unions and FE and private training providers to develop flexible training and skills development to ensure we have sufficiently skilled craftspeople to work on our UK historic building stock.

Our challenge is to meet the skills and training needs of the next five years and beyond. Our Executive Committee represents the relevant employers groups, Trade Federations, Trades Unions, FE and private training providers and heritage organisations from across the UK. We are keen to work with all construction companies, training providers and heritage organisations who are interested in the built heritage sector and a trained workforce. If you would like to be kept informed of our work and specific projects or can help us in meeting our challenges, please contact us at:

Contact Details: National Heritage Training Group
Carthusian Court
12 Carthusian Street
London
EC1M 6EZ

Tel: 01509 282860
Fax: 01509 283162
E-mail: info@nhtg.org.uk
www. nhtg.org.uk



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Institute of Historic Building Conservation

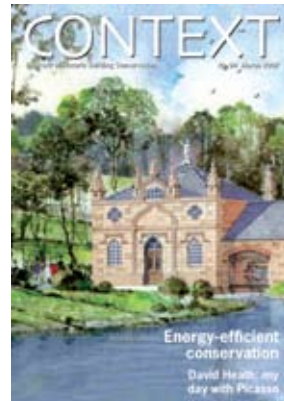
The Institute of Historic Building Conservation (IHBC) is the professional institute which represents conservation professionals in the public and private sectors in the United Kingdom and Ireland. It has approximately 1500 members, divided between 15 branches.

The Institute exists to establish the highest standards of conservation practice to support the effective protection and enhancement of the historic environment.

Context is the official magazine of the IHBC. It is produced bi-monthly from March to December with IHBC Yearbook appearing around January. Context provides news and views on all aspects of building conservation with regular articles by the foremost protagonists in the field.

Contact Details: Jubilee House,
High Street
Tisbury
Wiltshire
SP3 6HA

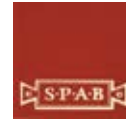
Tel: 01747 873133
Fax: 01747 871718
Email: admin@ihbc.org.uk
Website: www.ihbc.org.uk



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The Society for the Protection of Ancient Buildings (SPAB)

SPAB offer various training and technical courses related to the repair of old buildings.



Contact Details: SPAB

37 Spital Square
London
E1 6DY

Tel: 020 7377 1644
Fax: 020 7247 5296
Email: info@spab.org.uk
Website: spab.org.uk



Use of Stone in Building Course

This popular course gives an overview and general knowledge of the use of natural stone and takes account of the current needs of those involved in using or specifying stone. The course gives delegates assistance in selecting and using stone in many different uses.

The course is organised by the Stone Federation Great Britain and the Standing Joint Committee on Natural Stones, with a remit to improve the use and knowledge of natural stone.

Tel: 01303 856123
Email: sandra@stone-federationgb.org.uk

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The Traditional Building Skills Bursary Scheme

The Heritage Lottery Fund has awarded £900,000 to a partnership between English Heritage, The National Trust, Cadw, Construction Skills and the National Heritage Training Group to establish and deliver a £1.2 million Traditional Building Skills Bursary Scheme throughout England and Wales until 2010. The scheme will address some of the currently recognised skills shortages and gaps within the traditional crafts and built heritage sector and to build diversity in the workforce. The scheme offers to provide bursaries and facilitate work-based training placements (Bursary Placements) for eligible and successful applicants, who are enthusiastic and committed to developing their skills in order to work in the built heritage sector in England and Wales.



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Bursary Placements

Bursary Placements will be hosted by Placement Providers who are committed to providing a rich learning experience for the Trainee. Placement Providers may be public or private organisations, companies or sole traders, who have agreed to deliver training and support the Trainees during their Bursary Placement.

The duration of Bursary placements will vary from 1 month to 2 years, depending on the Placement Provider and the specialist trade. Trainees have the opportunity to undertake a bursary over split periods of time, if site work on a specific skill is happening at different times.

Contact details: Bursary Scheme Manager, The Traditional Building Skills Bursary Scheme,
PO Box 1179, Herts, HP23 6WR

Email: enquiries@buildingbursaries.org.uk

Website: www.buildingbursaries.org.uk



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Short Courses

Abey Smallcombe

1 day hands on courses covering mixing cob, building and repairing cob walls and the use of lime.

Tel: 01647 281282

Anglia Lime

Various short courses on uses of lime in old buildings.

Tel: 01787 313974

Association for Studies in Conservation of Historic Buildings

Various short courses, meetings, lectures, discussions and visits.

Tel: 020 8540 3066

Building Crafts & Conservation Trust

Building conservation training.

Tel: 01227 451795

Bursledon Brickworks

Various short courses in building conservation, traditional materials and trade technique.

Tel: 01489 576248

University of Dundee

Dundee Conservation Lectures - in association with the Architectural Heritage Society of Scotland and trade technique.

Tel: 01382 345236



Historic Buildings & Conservation, Essex County Council

Various short courses: lime plaster, pargetting with lime, brick arch repair, flint wall repair, thatching, stone repair, wattle and daub.

Tel: 01245 437672

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The Ironbridge Institute

Courses in building conservation including lime, the conservation of stone, ceramic building materials, 20th century materials, timber repairs, ferrous/non ferrous metals, building recording and estate management. Maintenance and Homeowners courses.
Tel: 01952 435900 Ext 201



Jane Schofield Ornamental Plasterwork Conservation

Various short courses on lime.
Tel: 01884 861181

The Lime Centre

Bespoke courses on lime for contractors. Introduction to the Use of Lime in Traditional Buildings (CITB approved)
Tel: 01962 713636

Low-Impact Living Initiative

Natural paints and lime mortars and renders.
Tel: 01296 714184

Memorial Arts Charity

Short courses in stone letter carving
Tel: 01728 688393

Mike Wye & Associates

Practical courses in use of traditional lime and cob putty.
Tel: 01409 281644

Old House Store Ltd

Practical courses in building conservation suitable for both building professionals and homeowners
Tel: 01409 281644



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The Orton Trust

Practical courses in all aspects of stone masonry, including: carving, lettering, conservation, modern stonework, tool sharpening and drawing. CITB approved
Tel: 01536 711600

University of Plymouth, Centre for Earthen Architecture

The Care and Conservation of Cob Buildings
Various short courses, including conservation, conservations areas, conservation of historic gardens and ecclesiastical conservation. The Care and Conservation of Earth Buildings.
Tel: 01752 233608

Rory Young

Practical Lime Courses.
Tel: 01285 658826

Scottish Lime Centre Trust

Specialist training for building conservation, ecological building and traditional building skills.
Tel: 01383 872722

Ty-Mawr Lime Ltd

Various short courses in lime use, including: lime plastering; natural paints and finishes; and ecological building. Courses are now accredited by the University of Wales, Lampeter.
Tel: 01874 658000

Upkeep

Short courses on building construction services, repairs and maintenance.
Tel: 020 7815 7212





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Weald & Downland Open Air Museum

Various short courses in building conservation and traditional crafts and skills.

Tel: 01243 811364

West Dean College

A range of Building Conservation Masterclasses, in collaboration with English Heritage and Weald and Downland Open Air Museum.

Tel: 01243 811301

Womersley's Limited

Short courses on aspects of building conservation.

Tel: 01924 400651

Woodchester Mansion Trust

Various courses including; stonemasonry/ lime plasters, stone repair, hurdle making.

Tel: 01453 861541

University of York

Various short courses in the conservation of historic buildings and places, and historic landscapes and gardens.

Tel: 01904 433963





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Bibliography

Cornwall's Geology and Scenery

C.M. Bristow. Cornish Hillside Publications. 2005

Do's & Don'ts House & Cottage Restoration

H. Lander. Acanthus Books. 2003

Natural Stone Glossary.

Stone Federation Great Britain Publications. 1991

Bibliography of building materials

www.building-history.pwp.blueyonder.co.uk/Books/Materials.htm

Building with Cob: A Step - by - Step Guide. A Weismann and K. Bryce. Green Books. 2006 ISBN: 190399872

Useful Websites

Stone Federation Great Britain

Website: www.stone-federationgb.org.uk

Building Conservation

www.buildingconservation.com/articles/search/search.htm

Caradon Design Guide

www.caradon.gov.uk/index.cfm?articleid=14953

Carrick District Design Guide

www.carrick.gov.uk/index.cfm?articleid=12512

Cornish Hedges

<http://handbooks.btcv.org.uk/handbooks/content/section/1627>

Cornish Hedge Group

<http://www.cornwall.gov.uk/index.cfm?articleid=6610>

Cornwall Sustainable Building Trust

www.csbt.org.uk

Duchy of Cornwall Building Guide

www.duchyofcornwall.org/pdfs/building%20code/5044-Building-Code-B.pdf

Penwith District Council, Listed Buildings. A Guide for Owners and Occupiers

www.penwith.gov.uk/media/adobe/m/o/Listed%20Buildings%20Leaflet.pdf

North Cornwall Design Guide

www.ncdc.gov.uk/media/adobe/Walls.pdf

Stone Conservation

www.minervaconservation.com/



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Where to get advice about older buildings, structures and their surroundings

If you are planning work on an older building or structure you are strongly advised to contact a Conservation Officer at your local District or Borough Council. Most alterations and extensions to Listed Buildings or buildings in Conservation Areas require consent. The Conservation Officers will provide advice and guidance on issues such as design and materials and the need for consent. Contact details for the Conservation Officers and links to the relevant web pages are given below. The Historic Environment Service (HES), of Cornwall County Council provides historic environment advice, which includes World Heritage Site issues. However, advice on the built environment is normally provided through the District or Borough Conservation Teams.

| | | |
|--|--------------|--|
| Penwith District Council | 01736 336528 | www.penwith.gov.uk/index.cfm?articleid=6558 |
| Kerrier District Council | 01209 614388 | www.kerrier.gov.uk/index.cfm?articleid=11013 |
| Carrick District Council | 01872 224400 | www.carrick.gov.uk/index.cfm?articleid=3051 |
| Restormel District Council | 01726 223454 | www.restormel.gov.uk/index.cfm?articleid=4545 |
| Caradon District Council | 01579 341461 | www.caradon.gov.uk/index.cfm?articleid=9874 www.caradon.gov.uk/index.cfm?articleid=9698 |
| North Cornwall District Council | 01208 265603 | www.ncdc.gov.uk/index.cfm?articleid=1394 |
| Cornwall County Council | | |
| Historic Environment Advice | 01872 322057 | www.cornwall.gov.uk/index.cfm?articleid=5729 |
| World Heritage Site Information | 01872 322057 | www.cornish-mining.org.uk/ |



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Cornish Serpentine sculpture by Lawrence Murley Email: enquires@lawrencemurley.co.uk