

Bibliography

- Addison, P, 1998 *Around Combe Down*. Millstream Books, Bath
- Anon. c 1750 *New and Universal Dictionary of Arts and Sciences*
- Anon. 1953 Roman Britain in 1952 *J of Roman Studies* **43**, 123
- Anon. 1963 Boys lost in Combe Down Tunnels *British Caver* **37**, 28
- Anon. 1966 Bath and Box Stone Workings. *Mendip Caver* **2** (8), 63
- Anon. 1967 Reprint from the Builder, 13 and 20 April 1895 *British Caver* **47**, 32-49
- Anon. 1970 *A Guide to the History and Geology of Bath Stone* Kingston Minerals
- Anon. 1981 *Brewers Quarry Access* Mendip Nature Research Committee
- Anon. (No Date) *The Building of Bath*. The Building of Bath Museum.
- Ashbee, J, 1996 *The Quarrying Industry. Step 1 Report* Lancaster University Archaeological Unit for the English Heritage Monuments Protection Programme
- Brown, A (ed), 1900 *Bainbridge's Law of Mines and Minerals*, (5th ed), London
- Bone, M, 2000 The Rise and Fall of Bath Breweries 1736-1960 *Bath History* **8**, 106-33
- Boyce, B, 1967 *The Benevolent Man: A Life of Ralph Allen of Bath* Harvard University Press, Cambridge, Mass
- Bristol Master Builders Association 1904 *Historical References to Bath Stone* (documents held by Bath Central Library)
- Buchanan, B J, 1986 The Evolution of the Turnpike Trusts: lessons from a case study *Economic History Review* **39:2**, 223-43
- Buchanan, B B, 1996 The Avon Navigation and the Inland Port of Bath. *Bath History* **6**, 63-87
- Chapman, M, 1996 *A Guide to the Estates of Ralph Allan around Bath, based on his map in the Bath Record Office*. Survey of Old Bath, Bath
- Chapman, M, Hawkes, J, and Holland, E, 1998 *The J Charlton Map of Lyncombe and Widcombe, 1799* Survey of Old Bath, Bath
- Chitty, G, 1996 *The Coal Industry, Step 4 Report*. English Heritage Monuments Protection Programme
- Combe Down Womens' Guild 1963-4 *Combe Down History* (documents held by Bath Central Library)
- Cotter, J, 2009 *The Pottery in Combe Down Stone Mines: Specialist Reports* Oxford Archaeology (www.combedownstoneminesproject.com)
- Cotterell, T S, 1904 *Paper read at the 61st Congress of the British Archaeological Association held at Bath, August 1904* (document held by Bath Central Library)
- Cottingham, L N, 1822 *Plans, Elevations, sections, details and views of the magnificent Chapel of King Henry the Seventh, at Westminster Abbey Church; with the history of the Foundation and an authentic account of the Restoration*. Vol. 1 London
- Cranstone, D, 1992 *The Lead Industry*. Cranstone Consultancy for the English Heritage Monuments Protection Programme
- Cunliffe, B, (ed) 1979 *Excavations in Bath 1950-1975* (Western Archaeological Trust)
- Cunliffe, B, 1986 *The City of Bath* Gloucester
- Davenport, P, 1988 *Bath Abbey Bath History* **2**, 1-26
- de Labelye, C, 1734 A description of the carriages made use of by Ralph Allen Esq. To carry stone from his quarries, situated on the top of a hill, to the waterside of the River Avon, near the City of Bath, in J T Desaguliers. 1734 *A Course of Experimental Philosophy*, Vol. 1
- Desaguliers, J T, 1734 Ralph Allen's Crane at Dolemeads, designed by John Padmore in *A Course of Experimental Philosophy*, Vol. 1
- Egan, P, 1819 *Walks Through Bath* Bath
- Eglin, J, 2005 *The Imaginary Autocrat: Beau Nash and the Invention of Bath* London
- Elton, A, 1962-3 The Prehistory of Railways. *Proc. Somerset Archaeological and Natural History Soc* **107**, 31-59
- Flynn, M W, 1984 *The History of the British Coal Industry, Vol. 2: 1700-1800 The Industrial Revolution* Oxford
- Foster, C le Neve, 1901 *A Text Book of Ore and Stone Mining* London
- Forster, A, Hobbs, P R N, Monkhouse, R A, and Wyatt, R J, 1985 *Environmental Geology Study: Parts of West Wiltshire and South East Avon*
- Fox, A, and Fox, C, 1960 Wansdyke Reconsidered. *The Archaeological Journal*, **115**, 1-48
- Goodburn, D M, 2009 *The Historic Woodwork in Combe Down Stone Mines: Specialist Reports* Oxford Archaeology (www.combedownstone minesproject.com)
- Gregory, W, 1886 *Ralph Allan and Prior Park*
- Grenvill, A B, 1841 *Spas of England and Principal Bathing Places* (1971 Reprint) Bath
- Hall, C J, 1984 "Tanky Elms" *Bath Stone Quarryman*. Corsham

- Hartley, R F, 1994 Tudor Miners of Coleorton, Leicestershire in: T Ford and L Willies (eds) *Mining Before Powder*. Peak District Mines Historical Society, Matlock Bath, Derbyshire, 91-101
- Hemmings, P I, 1983 *The Stone Industry in Bath*. Unpublished Dissertation. Typescript Copy in Bath Central Library
- Irving, R T A, 2005 *A History of the Byfield Mine, Combe Down* Combe Down Heritage Society, 79
- Jennings, P. (No Date) *Materials for a History of Truro, Vol. II, Families*. Mss in Royal Institution of Cornwall, Truro
- Jones, Richard (No date – late 18th Century) *Life of Richard Jones*. Mss. in Bath Reference Library, compiled by J. Gregory
- Keevil, A J, 1989 The Fosse Way at Bath. *Proc Somerset Archaeol and Nat. Hist Soc.* 133, 75-102
- Keevil, A J, 2000 Barrack(s) Farm, Wellsway, Bath. The Estate and its Holders *Bath History* 13, 28-55
- Lewcun, M, 2009 The Tobacco Pipes in: *Combe Down Stone Mines: Specialist Reports*. Oxford Archaeology (www.combedownstonemineproject.com)
- Lewis, M J T, 1970 *Early Wooden Railways* London
- Macdonald, D M J, Whitehead, E J, and Butcher, A S, 2000 Data Review leading to a conceptual model of the hydrogeology of the Combe Down Area, Bath. British Geological Survey Report, WD/00/35. Keyworth
- Major, A F, and Burrow, E J, 1926 *The Mystery of Wansdyke* London
- Manco, J, 1992 Bath and the Great Rebuilding. *Bath History*, 4, 25-51
- Mayhew, H, 1851 *London Labour and the London Poor*
- Neale, R S, 1981 *Bath 1680-1850: A Social History* London
- Oxford Archaeological Unit 2001 Combe Down Mines, Bath Archaeological Assessment. Unpublished report prepared for Parsons Brinkerhof and Bath and North East Somerserset Council
- Page, W, (ed) 1906 *Victoria County History Somerset* 1
- Palmer, T J, 2009 Petrology of Limestone Artefacts Rescued from the Combe Down Stone Mines, Bath. In: *Combe Down Stone Mines: Specialist Reports* Oxford Archaeology (www.combedownstoneminesproject.com)
- Peach, R E M, 1895a *Bath Old and New* (reprint) Kessinger Publishing, Montana
- Peach, R E M. 1895b *The Life and Times of Ralph Allen* (reprint) Kessinger Publishing, Montana
- Phillips, J, 1844 *Memoirs of William Smith LL.D.* London
- Pitcairn, D L, and Richardson, A, 1924 *Historical Guide to Monkton Combe, Combe Down and Claverton Bath*
- Pollard, D, 1982 Bath Stone Quarry Railways 1795-1830 *J Bristol Industrial Archaeol Soc* 15, 3-19
- Pollard, D, 1989 Digging Bath Stone *J Bristol Industrial Archaeol Soc* 21, 28-36
- Pollard, D, 1994 Historical and Archaeological Assessment of the Underground Quarries Known as Firs Mine and Byfield Mine. Unpublished report for Bath and North East Somerset District Council
- Ponsford, M, and Jackson, R, 1995 Post-Medieval Britain in 1994, in *Post-Medieval Archaeology* 29, 153
- Price, A J, 2007 *Cheltenham Stone: The Whittington Quarries*. Cotteswold Naturalists Field Club, Cheltenham
- Price, L, 1984 *Bath Freestone Workings* The Resurgence Press, Radstock, Bath
- Raymond, R W, 1870 *Statistics of Mines and Mining in the States and Territories West of the Rocky Mountains*. Washington
- Salter, C, 2009 Metallurgical Report on Samples from eight iron mining tools from Combe Down Stone Mines, in *Combe Down Stone Mines: Specialist Reports* Oxford Archaeology (www.combedownstoneminesproject.com)
- Scott, I R, 2010 Glass, in *Combe Down Stone Mines Specialist Reports* Oxford Archaeology (www.combedownstoneminesproject.com)
- Scott, I, 2009 Metal Finds in *Combe Down Stone Mines: Specialist Reports*, Oxford Archaeology (www.combedownstoneminesproject.com)
- Shaffrey, R, 2009 The Worked Stone in *Combe Down Stone Mines: Specialist Reports*, Oxford Archaeology (www.combedownstoneminesproject.com)
- Silvertant, J, and Mhairtin, J N, 2008 *What Lies Beneath: Report of the 3rd International Symposium on Archaeological Mining History 2008*. Institute Europa Subterranea, Maastricht
- Stanier, P, 2000 *Stone Quarry Landscapes* Stroud, Glos
- Strassburger, M, 2008 Mining Archaeology in South West Germany. Methods, Results and Protection of Mining Sites in Silvertant and Mhairtin 2008, 39-80
- Thorpe, T, 1742 *An Actual Survey of the City of Bath and of Five Miles Around*
- Toulmin Smith, L, (ed) 1907 *Leland's Itinerary in England and Wales Vol 1*
- Toulmin Smith, L, (ed) 1910 *Leland's Itinerary in England and Wales Vol V*
- Tunstall, J, 1847 *Rambles About Bath*
- Tyte, W, 1897 *Combe Down in Olden Times*

- Vile, N, 1991 *Exploring the Kennet and Avon Canal: Country Walks between Bristol and Reading* Countryside Books, Newbury
- Wagner, G A, and Weisgerber, G, 1986 *Silber, Blei und Gold auf Sifnos. Prehistorische und antike Metallproduktion*. Der Anschnitt, Deutsches Bergbau-Museum, Bochum
- Weisgerber, G, and Goldenberg, G, 2004 *Alpenkupfer – Rame delle Alpi*. Der Anschnitt, Bergbau-Museum, Bochum
- Willies, L, 1993 *Underground Metal Mines, Step 1 Report*. Cranstone Consultancy for English Heritage Monuments Protection Programme
- Winchester, S, 2001 *The Map that Changed the World*, London
- Wood, J, 1765 *Description of Bath* Reprinted (1967) by Kingsmead, Bath
- Woodward, H B, 1876 *Geology of East Somerset and the Bristol Coal Fields* Longman's Green and Co. for HMSO
- Wooster, F, 1978 The Stone Industry at Bath. *J Bristol Industrial Archaeol Soc* 11, 5-13
- Other references consulted**
- Allsop, N, 1987 *The Kennet and Avon Canal*, Millstream Books, Bath
- Allsop, N, 1988 *The Somersetshire Coal Canal Rediscovered*. Millstone Books, Bath
- Arlett, M, 1986 *The Somerset and Dorset at Midford*. Millstream Books, Bath
- Attwood, B, 1970 The BIAS Paper Mills Survey. *J Bristol Industrial Archaeol Soc* 3, 11-21
- Bentley, J B, and Morless, B J, 1987 *Somerset Roads. The legacy of Turnpikes, Phase 2. East Somerset* Somerset Industrial Archaeology Society
- Blunden, J, 1975 *The Mineral Resources of Britain* London
- Broome, J, 1988 Tuckingmill. *J Bristol Industrial Archaeol Soc* 20, 2-3
- Buchanan, A, 1969 Combe Hay Caisson Lock *J Bristol Industrial Archaeol Soc* 2, 27-30
- Buchanan, A, and Browning, D, 1968 A Note on the Bath Roads *J Bristol Industrial Archaeol Soc* 1, 15-16
- Buchanan, R, and Cossons, N, 1969 *The Industrial Archaeology of the Bristol Region*. Newton Abbott
- Butcher, A, and Mayhew, R, 1971 Combe Down Freestone Mines, *Shepton Mallet Caving Club*, 5:1, 3-9+ii
- Calvert, M, 1963 Bath Stone Mines: Their history and method of operation. *Belfrey Bulletin*, 185 July, 2-5
- Chapman, M, 1988 The Somerset Coal Canal: a Cartographic Survey. *J Bristol Industrial Archaeol Soc*, 20, 4-21
- Chipchase, N, 1977 Combe Down Quarry Mine. *Cerberus Speleological Society Newsletter* 7 (15), 375-78
- Chipchase, N, 1978 More underground ramblings at Combe Down. *Cerberus Speleological Society Newsletter*, 8 (5), 178-9
- Clark, G, 1987 *Prior Park: A Compleat Landscape* Bath
- Clew, K R, 1968 *The Kennet and Avon Canal* Newton Abbott
- Clew, K R, 1970 *The Somersetshire Coal Canal and Railways* Newton Abbott
- Cotterell, T S, 1905 Bath Stone. *Antiquity* (New Series) 1:5, 87-91
- Dallimore, K, 1988 *Exploring Combe Down* Millstream Books, Bath
- Defoe, D, 1738 *A Tour through the Whole Island of Great Britain*
- Donovan, D, 1964 *Exposures in the Great Oolite Series near Bath* Geology Association Guide
- Green, G W, and Donovan, J, 1969 The Great Oolite Series of the Bath Area. *Bulletin of the Geological Survey* 30, 1-64
- Green, M A, 1904 *The 18th Century Architecture of Bath*
- Hardy, S, and Lambert, D, (eds) 1994 *Parks and Gardens of Avon*
- Ibbetson, Laporte and Hassell, J, 1793 *Picturesque Bath, Bristol and Hot Wells*
- Irving, R T A, 2009 *William Smith and his venture into Stone Manufacture* electronic publication, Combe Down Heritage Society Website, <http://combedownheritagesociety.wordpress.com/>
- Ison, W, 1948 *The Georgian Buildings of Bath 1700-1830* Reprinted, Kingsmead, Bath in 1969
- Lonsdale, W, 1832 On the Oolite District of Bath. *Transactions of the Geological Society, Series 2*, 3, 241
- Mehew, R, 1976 Combe Down Stone Mine. *Shepton Mallett Caving Club Journal* 6, 1, 3-5
- National Trust 1996 *Prior Park Landscape Garden* London
- Page, W, (ed) 1911 *Victoria County History Somerset*, 2
- Palmer, T, 2008 Limestone Petrography and Durability in English Jurassic Limestones, in H Doyle, T Hughes, and I Thomas, *England's Heritage in Stone: Proceedings of a conference at Tempest Anderson Hall, York. 15-17 March 2005* English Stone Forum, Folkstone, Kent, 66-78
- Perm, I E, Merriman, R J, and Wyatt, R J, 1979 *The Bathonian Strata of the Bath: Frome Area*. IGS. Report No. 78/22. HMSO
- Pocock, R, 1888 *Travels Through England* ed. J J Cartwright, Vol. I
- Ponsford, M, and Jackson, R, 1996 Post-Medieval Britain in 1995, in *Post Medieval Archaeology* 30, 282

- Ponsford, M, and Jackson, R, 1997 Post-Medieval Britain in 1996, in *Post-Medieval Archaeology* **31**, 296-7
- Pope, C, 1765 *The New Bath Guide* (3rd edition)
- Post Office 1837 *The Post Office Bath Directory*
- Powell, J, 1978 Fullers Earth from Midford. *J Bristol Industrial Archaeol Soc* **11**, 22-25
- Price, G, 1979 Combe Down Stone Mines *Cerberus Speleological Society* **9** (2), 51-3
- Price, R, and Watts, L, 1981 Rescue excavations at Combe Hay, Somerset, 1968-73 *Proc. Somerset Archaeol and Natur Hist* **124**: 50
- Pugh, R B, (ed) 1911 *Victoria County History. Somerset Vol. 4*
- Randells, 1864 *Paper for the British Association for the Advancement of Science* (held by the Bath Central Library)
- Reader, W J, 1980 *The MacAdam Family and the Turnpike Roads 1798-1861* London
- Reaich, N, 1992 Two Stone Mines near Bath. *Shepton Mallet Caving Club Journal* **9** (3), 33-36
- Roche, J S, 1931 *A History of Prior Park College* London
- Scarth, H M, 1864 *Aquae Solis, or Notices of Roman Bath* London
- Schinkel, K F, 1986 *Reise Nach England, Schottland Und Paris im Jahre 1826* Berlin
- Schofield, R B, 2000 *Benjamin Outram: 1764-1805, An Engineering Biography* Cardiff
- Seiveking, G de G, 1979 Grimes Graves and Prehistoric European Flint Mining in H Crawford (ed), *Subterranean Britain: Aspects of Underground Archaeology* London, 1-43
- Shepton Mallet Caving Club (c 1998) *Box Freestone Mine Survey, Wilts.* Shepton Mallet Caving Club, Priddy, Bristol
- Smith, A, 2006 *The Ringing Grooves of Change: Brunel and the coming of the railway to Bath* Bath
- Stanier, P, 1995 *A historic Photographic Record of Quarries of England and Wales* Truro
- Stell, F, 2007 *Take my pickaxe mate, I'm late for foreplay class.* Times 2, October 2007
- Torrens, H, 1978 *The Evolution of a Family Firm: Stothert and Pitt of Bath* Bath
- Trueman, M, 1996 *Monuments Protection Programme: The Lime, Cement and Plaster Industries, Step 1 Report.* Lancaster University Archaeological Unit.
- Ure, A, 1849 *Dictionary of Arts, Manufactures and Mines.* Appleton and Co. New York.
- Ward-Perkins, J W, Brooks, A T, and Pearce, A E McR, 1979 *Bath Stone: A quarry History.* University College, Cardiff
- Watts, M, 1975 John Padmores cranes at Bath and Bristol *J Bristol Industrial Archaeol Soc* **8**, 1 17-19

Index

- Allen, James 73, 90, 92
Allen, Mary 54, 99-100
Allen, Philip 76, 99
Allen, Ralph 1, 4, 7, 34-5, 37-8, 42, 44-5, 71, 73-4,
80, 99, 101, 112, 117-18, 323-6, 332-4
cash flow 77, 92, 98
competitors 42, 325
death 44, 46, 79, 83, 93, 96-9, 107, 285, 291, 326
Estate 33, 46, 53, 56, 80, 82-3, 89, 99, 102-3, 107,
112, 139, 221, 271-2, 274, 326-7
Estate Map 50, 72-3, 77, 285
own house in Bath 78
postal business 35, 74-7, 80, 92, 98-9, 324, 326,
336
stone business 42, 77-8, 82, 95-7, 326
stoneyards 44, 93
will 80, 98-100
wooden railway 43-4, 79, 81-2, 85, 88, 100, 233,
291, 326, 331
Allotment Shaft 316, 329
anchors 129, 140, 152, 155, 192-3, 197, 293, 317
Archaeological Preservation Areas 17
Arched Shaft 151, 178, 199, 219, 232, 303-4
arches 34, 128, 145, 177, 201-2, 219-21, 231, 237,
276, 303
ashlar blocks 166, 253, 256
The Avenue 7, 12, 54-6, 67, 71, 82-4, 96, 102-3, 105-
8, 113, 171-2, 273, 277-8, 291, 324-5, 329-31
Avon Navigation 1, 38, 43-6, 74, 76-8, 81-2, 88, 91,
94, 96, 111, 241, 325, 333

banker masons 34, 50, 67-8, 80, 90, 114, 150-1, 155,
159, 245, 279, 304, 331
barges 44, 81, 88
barrow ruts 185-6
barrow-ways 5, 15-16, 19-20, 69, 128-9, 135, 153,
178-9, 182-6, 188, 228-32, 289-90, 294, 302,
305, 311-12
routes 19-20, 161, 173, 179, 182-4, 186, 221, 271
sequences 182, 184-5
barrows (see also wheelbarrows) 5, 42, 69, 81, 89,
134-5, 141-4, 148, 163, 178-9, 182, 185-6, 188,
228-30, 292, 329
Bath 1, 4, 23-5, 35-8, 40-4, 53, 70-2, 74-6, 78-82, 90-
2, 94-101, 255-6, 259-60, 264-5, 323-9, 333-6
Bath & North East Somerset Council 1, 7, 48,
332
Bath Abbey 23, 37-8
Bath and Box Stone Workings 333
Bath and Portland Stone Firms Ltd 63, 316, 329
Bath Breweries 262, 333
Bath Bridge 35, 88, 96-8
Bath Central Library 84, 118, 333, 336
Bath Chronicle 80, 243, 260
Bath Corporation 76
Bath Library 73-4, 80
Bath Museum 44-5, 74, 80, 333
Bath Record Office 41, 333
Bath Stone 4, 53, 77, 91, 113-15, 117, 152, 158-9,
194, 205, 208, 220, 316, 328, 333, 335-6
Bath Stone Firms Ltd 60, 63, 65, 316, 328
Bath Turnpike Trust 54, 95, 97
Belmont 37, 46, 58, 272, 330
Parades 79, 88, 91-4, 97, 326
Bathampton 38, 46, 71, 78, 100
Bathampton Downs 37-8
Bathampton Quarry 79, 92
Bathite blocks 225
Bathonian Formation 25, 27
bats 11, 69, 103, 115, 129, 234-5, 238, 294, 297, 327
bed blocks 93, 118, 125-6, 128, 140-1, 159, 212, 216,
222, 226-7
beds
bastard 28-30, 201, 284
cockle 103
flat 178, 190
ower Combe Down 235
rubble stone 118
weathering 115, 134
Beechwood Road 28, 33, 55-6, 329
Beer Stone Quarries, Devon 189
Bennet, Philip 66, 73, 76, 79, 81-2, 99, 105, 329
blade 152, 157, 159, 247-9
blockstone 44, 80, 91-5, 101, 106-8, 110, 135, 143,
151-2, 159, 163, 173, 178, 226-7, 244-5, 325-6
bottles 16, 129, 237-8, 247, 260, 262, 264, 320
Box Freestone 21, 336
Bradford Road 97, 121, 188, 192, 242, 317, 319, 332
Brassknocker Hill 23, 34, 42, 46, 53, 100, 313
Bristol 21, 37, 43, 53, 76, 87, 91, 93, 96-7, 100, 113,
260, 262, 264-5, 312, 336
Brow Cartway 108, 166, 201, 221
Burgess, John 54-6, 105, 108, 110-12, 166, 171, 177-
8, 189, 199, 243, 294, 296, 303-5, 328, 330
Burgess Quarry 6, 47, 120, 122, 175, 273, 305
Byfield 7, 11, 19, 28, 34, 46, 103, 112, 122, 129, 203,
206-9, 219-20, 235-6, 274, 334
Byfield Place 41, 274

candles 117, 125, 129-30, 161, 238, 254, 259, 331
Carriage Inn 44, 46, 50, 54-5, 79, 82, 84, 130, 233-4,
236, 259, 277, 330-1
carriages 43-4, 81, 84-5, 87-8, 90, 93, 100, 107, 112,
177, 190, 333
cart ruts 19, 163-4, 167, 170-1, 173, 175-7, 188-9,
277, 289, 294, 296, 321-2
carts 42, 46, 50, 69, 78, 80-1, 90, 97-8, 125, 135, 137-
8, 163-4, 177, 189, 199, 284

- cartways
 - routes 122, 137, 164, 171-3, 182, 198, 215, 304, 321
 - sequences of 164, 173, 188, 322
- Central Byfield 138, 158, 166-7, 170, 175, 186, 188, 203-4, 207, 215, 244, 267, 283-5, 290-1, 327
- Central Firs 33-4, 121, 124, 126, 129, 135, 150-1, 167-9, 183-5, 191-2, 214-15, 242-3, 255-6, 283-5, 296, 326-8
- Chestnut Tree shaft on Firs Field 67, 130, 178, 199, 303
- chips 5, 118, 129, 152, 155, 164, 209, 217, 227, 247-9, 314
- chocks 201, 225-6
- chog holes 5, 145, 188, 190, 192-4, 197, 319-21, 329
- chogs 194, 197
- Church Road 7, 9, 11, 17-18, 46, 54-5, 71, 83, 107, 110, 118, 121-2, 171-2, 175, 234, 329-30
- Claverton 38, 71, 73, 77, 100
- Claverton Down 36-8
- Claverton Moor 36
- Claverton Road 23, 36, 40-1, 44, 46, 78, 97
- cleats 215, 217
- cockles 28-30, 227, 299
- Colthurst Down 55, 58, 60, 73
- Combe Down (Bath) Freestone Co. Ltd 115
- Combe Down, core area of 42, 51, 53, 113-14, 272
- Combe Down Oolite 23, 26, 28
- Combe Park 55, 107-8, 113, 313, 330
- Combe Quarry 161, 328-9
- Combe Road 7, 30, 55-6, 58, 69-70, 72-3, 77, 84, 103-7, 112, 114, 209-10, 289, 294-5, 297-9, 327-30
- Combe Road Pillar 103, 112, 175, 209, 274
- Corsham Quarries 316-17
- Cotterill, Henry Fowler 110
- Coxes Vertical Shaft Mine 122, 317, 319-20, 329
- cranes 42-4, 46-8, 68-70, 81-3, 85-90, 95-6, 98, 100-2, 125-7, 143-4, 190-2, 194-5, 284-5, 293, 317, 319-21
 - anchorages 192, 195, 197
 - base-stone 232
 - capstan 87-8, 101, 190, 192
 - horse 86-7, 101
 - jib 5, 43, 68-9, 81, 86-7, 192-5
 - locations 44, 87, 101, 177, 195, 197, 292
 - mast 5, 69, 140, 193-5, 238, 241-2, 293, 295, 303, 314, 320
 - post 140, 144, 170, 190, 193-4, 197, 320, 322
 - ratchet 69, 85, 87-8, 192
 - types 68, 194
- cross-bedding 30
- Cross Keys Inn 23, 38, 40-1, 272
- Cruse, Jeremiah 104
- Cruse, Jonathon 104, 107
- Davidge, John 56, 105-7, 110, 114, 295, 312, 330
- de Montalt Mill 23, 26, 40, 67
- de Montalt Place see de Montalt Row
- de Montalt Row 53-5, 110, 118, 166, 265, 277, 329
- Dolemeads (Dolemead) 100
- Dowling graffiti 245-6, 319
- drain 130, 212, 233, 235-6, 265, 277
- dressing floors 151
- dumping 11, 68, 108, 131, 159, 164, 182-3, 227-32, 262, 268, 277, 299, 320
- E4 Stub 12, 16, 138, 202, 265, 277, 279, 281-2, 331
- East Byfield 28, 145, 175, 184, 202, 269, 294-5, 312, 319
- East Firs 10, 12, 102, 122-3, 133-4, 138-9, 145, 148, 150-1, 160, 171-2, 178-80, 203-4, 210-11, 241-3, 283-5
- engineered roadways 14-16, 20
- entries
 - inclined 122 see also Irvings Incline
 - level 121, 125, 199, 219, 284, 289, 299
- Entry Hill 27, 38, 40, 48-50, 70-1, 77, 97, 100, 105, 111, 114, 153-4, 313, 316, 327, 331
- Far East Firs 67, 122, 151, 182-3, 198, 231-2, 236, 238, 240, 245, 255-6, 259, 269, 272-3, 302, 324
- Farrs House 60, 70
- Farrs Lane 60, 222, 313
- faults 23, 26, 28-9, 32-4, 114, 159, 202, 271
- Firs 4, 7, 12, 16, 55, 67, 70, 73, 140, 153, 159, 161, 175, 177, 319-20, 327-8
- Firs Field 7, 37, 108, 114, 130, 151, 175, 177, 199, 219-20, 232-3, 303, 328
- Firs Shaft 7, 10, 19, 33-4, 103, 111-12, 139-40, 170-1, 175-7, 199, 237, 285, 289, 294, 303-5, 322
- four-wheeled wagon 125
- Foxhill Quarry 9, 17, 155-9, 197, 199, 218, 241, 243, 246, 317-18
- freemasons 73, 78, 80, 90, 94, 100-2, 104, 117, 273, 279, 291, 324, 326-7
- freestone 1, 5, 26-30, 32, 41, 53, 68-9, 89-90, 99, 108, 112, 115, 117, 135, 137, 272
- freestone beds 1, 29, 42, 49, 81, 93, 118, 122, 136-8, 161, 201, 228, 269, 273, 285, 299
- Fullers Earth 25, 28, 34, 38, 81, 108, 231, 234, 336
- Germany 20, 260
- Gladstone Road 109, 113, 122, 241, 328, 332
- Godwin, Ann 102, 105-7, 111
- graffiti 9, 15-18, 20, 107, 112-14, 130, 138, 157, 173, 233, 238, 240-6, 271, 316, 319, 331
 - 'Holly' 242-3, 331
 - incised 172, 238
 - initials 71, 130, 238, 240-1, 245, 260, 281, 283, 321, 331
 - 'Jane' 99, 243
 - 'Naked Lady' 243, 331
 - The Ship 238, 241
 - 'Top-hatted gentleman' 243-4
- Grand Canyon 17-19, 30-1, 124, 134, 143, 177-8, 185-6, 227, 230, 232, 243, 293, 296, 303-5, 307-12, 314
- Great Oolite 26-8, 32, 335
- Greenaway, Andrew 55, 105, 107-8, 111
- Greendown 38, 55, 73, 76-7, 102, 105, 274, 323-4
- Greenway, John 74, 105-8, 110, 112, 276, 296, 303, 313, 326-7

- Greenwich Hospital, London 32
gulleets 5, 60, 90, 125, 135, 137, 139-44, 148, 155,
183, 186, 189, 227-9, 292-4, 305, 310-11
gulls 27, 67, 122, 148, 186
- hacks 125, 152, 158, 259, 276, 279, 282
Hadley, Nathaniel 56-7, 68, 102, 104-8, 110-11, 113,
291, 303
Hadley Arms 30, 65, 67, 106, 111-14, 175-8, 211,
220, 225, 231, 233, 236-8, 242, 296, 303-5, 316
Hadley Estate 55-6, 67, 108, 111, 313, 317, 330
Hancock, J and Sons Ltd (Upper Lawn Quarry)
28, 64, 70, 316
- haulage
cables 127, 140, 167, 176-7, 192-5, 197, 284, 293,
295, 303, 305, 317, 325, 327
chains 15, 81, 85, 87-8, 98, 129, 140, 144, 177,
188-9, 192-5, 197, 248, 293, 314, 317
spigots 188, 197, 314
winches 5, 68-9, 101, 126-7, 129, 143-4, 151, 163,
166, 188, 190, 192, 197, 248, 299, 314
crab 197
cratchet 88, 190
windlasses 87-8, 192, 194, 319
- High Grade Areas 9, 11-12, 14, 17-18
Hills Shaft 290, 295
hillside quarries 118
Hines Brewery 103, 130, 233-4, 299, 330
Hines Brewery well 234, 238, 299
hole quarries 50, 118
horse bones 267-8
Horsecombe 23, 25, 38, 40, 42, 108, 313
Horsecombe House 40, 272-3
Horsecombe Quarry 120, 272-3
Horsecombe Vale 4, 25-7, 33, 37, 56, 118, 121, 135,
272, 297
horses 43, 46, 50, 69, 78, 81, 85-6, 89-90, 98, 112-13,
163-4, 177, 190, 248, 267-8, 331
Horton, John 74
housing 7, 12, 23, 54, 58, 70, 272, 320, 329-30, 332
Hulonce, William 58, 103, 105, 112, 155, 297, 299
- inclined barrow-way 31, 124, 186, 228-9, 311-12
instability 1, 7, 106, 166, 175, 210, 215, 295, 302
Irving's Incline 122, 130, 155, 219, 237-8, 297, 299
Isabella Place 53-4, 329
- Jackdaw and Kingham Quarry 29
jads 5, 27, 137-8, 147, 149-50, 155, 160, 205, 228,
231, 279, 282-4, 297, 299, 307, 310
jad slots 19, 134, 138, 140, 143, 145-7, 152-3, 157,
201-2, 207-8, 218, 227, 229, 281-2, 293-4, 297
jadding iron 147
James Riddle's Quarry 70, 107, 156, 210, 320-1
joints 27, 29, 33-4, 90, 118, 128-9, 138, 141, 146, 148,
152, 155, 201-3, 210-11, 226-7, 305
Jones, Richard 44, 46-8, 73-6, 78-81, 83-6, 88, 91-2,
95-8, 100-2, 138, 166, 238, 282-4, 291, 326-7,
334
Jones Quarry 46, 53, 56, 67, 80, 100, 103, 122, 166,
170, 175, 190, 219-20, 229, 237
- Lane, James 73, 78
Lane, John 73, 76
Lankasheer, Richard 60, 105, 107, 113, 295, 313,
330
Lansdown 23, 35-6, 79, 272
laser scanning 9, 11-12, 14-15, 17-20, 30, 119, 309
Layton, Edward 54-6, 67, 102, 104-6, 108, 111, 327,
330
Lewis anchorages 5, 15, 170, 192-5, 197, 248, 314,
319-20, 322
light shafts 49, 90, 101, 111-12, 125, 130, 199, 284
lighting 18, 117, 129-30, 161, 238, 252
limestone 23, 25, 27, 29, 34, 201, 238, 323
loading dock 177
London 1, 48, 53, 58, 76-7, 80, 91-2, 95-7, 112, 116,
260, 264-5, 312, 324, 326, 333-6
Long Drung 40-1, 54-5, 73, 83-4, 102-3, 107-10, 113,
164, 171-5, 178, 221-2, 271-4, 283, 293, 303,
325-7
Long Rooms 126, 139-41, 144, 170-1, 184, 192, 210,
218, 227, 229, 279, 293-4, 304, 317, 322, 327
Long Wall 5, 140, 142, 208, 227, 293, 327
Lord Hawarden Ist Earl de Montalt 53, 55-6, 66,
73, 100-2, 110, 329-30
Love, James 60, 63, 313
lugger 241-2
Lyncombe 23, 27, 36-8, 40-1, 50, 55-6, 58, 63, 66,
71-2, 74, 76-7, 101-2, 273-4, 282-3, 323-4
- masons 6, 34, 44, 46, 50, 80-1, 87, 91, 113, 246, 256,
276-7, 279, 282-3, 302-3, 325-7
Masons Crane House 54, 86, 89-90, 96, 100, 118,
171, 325
Masons Crane House Quarry 46, 48-9, 54-5, 80,
82-3, 86, 88, 94, 118, 166, 285, 291, 325
mayor 79-80, 96
Mighell, Joseph 54
mine stability 7, 28, 88, 108, 139, 142, 144, 210-11,
293, 304-5
miners 11, 177, 228, 233, 243, 246-7, 253-4
Monkton Combe 23, 25-6, 38, 40, 42, 44, 50, 55-6,
58, 71, 73, 105, 272-4, 323-4, 334
mouldings 90, 151, 248, 252, 254-5, 331
architraves 254-6
balusters 255-6, 259
cornices 254-5
cyma recta 254-5
voussoirs 34, 219-20, 259
- North Road 23, 28-30, 59-62, 70, 73, 81-2, 103, 122,
175-6, 209-12, 219-22, 224-6, 303, 312-13,
325, 327-30
North Road Wall 305
Nowell, Samuel 53, 56, 58, 102, 105, 112, 116, 327
- Odd Down 23, 25, 30, 35-7, 50, 63, 69, 71, 73, 92,
96-7, 108, 210, 262, 272, 323
Old Rank (see also de Montalt Place) 45, 48, 50,
53-4, 83, 94, 96, 118, 120-1, 234, 265, 273,
277, 283, 293-4, 325
Oolitic limestones 25-8, 65, 112, 115, 227, 328
open quarries 30, 46, 51, 64, 83, 163-4

- Open Room 135, 143-4, 151, 156, 197, 216, 231,
314-15, 319-21, 328
outcrop quarry 118, 121-2, 135
Ovens Thomas, John 55, 58, 110, 328, 330
- Padmore, John 81, 85-8, 192, 199, 285, 333
Pearce, John 73, 104-7, 111, 273, 295-6, 317
Pearce, Samuel 105-6, 112, 295
Pearces, S & J 102, 106, 111-12, 296, 336
picking beds 28-30, 90, 125-6, 135, 137-8, 145, 148,
164, 172, 201-3, 207-8, 221, 227, 274, 283-4,
297
Pierce, Jerry 74
pillar robbing 134, 139, 156, 246, 276-7, 291, 312-
13, 316, 321-2
pillar spacing 33, 201, 211
pillars
 apophygate 5, 138, 145, 167-8, 170-2, 175, 202-5,
207-8, 222, 273-4, 276, 283-5, 289-90, 292-3,
297, 321-2
 boundary 19, 108, 131, 142, 144, 170-2, 202, 209-
11, 274, 289-90, 292-4, 303-5, 310-11, 313-14,
316-17, 322
 corbelled 114, 138, 145, 151, 164, 170, 175-6, 202-
3, 205, 207-8, 237, 276, 279, 282-5, 289-91, 294
 direct 145, 151, 161, 171, 175, 201-2, 208-9, 289-
90, 297, 302, 305, 307
 entabled 283, 290
 faces 15, 20, 128, 143, 147, 152-3, 195, 197, 204,
208, 227, 240, 314
 high 129, 210, 228, 271, 297, 299
 long 209-10, 279, 304
 rib 161, 209-10
 sailed 32, 34, 202, 271, 317
Pitcher, John 71, 73, 79-80, 238, 273, 277, 282, 324
Pocock, Richard 29
Poole, Thomas 38, 71-4, 76
Poor Tynning 55, 108, 110
Popes Walk 23, 37, 58, 60, 63, 313, 328
Portland Stone 32, 78, 92
Post Office see Allen, postal business
price of stone 1, 88, 96, 325
Prior Park 23, 26, 30, 37-8, 40, 44, 54-5, 58, 62-3,
78-80, 91-2, 99-101, 110, 272, 305, 329-30
Prior Park House 23, 34, 79-80, 90, 93, 100
production of saleable stone 42, 53, 66, 80-1, 91,
93-4, 99, 107, 110, 227, 256, 273, 276, 284-5,
324-6, 328
profits 77, 89, 94-5, 98-9, 324, 326
- Quarr Down 50, 56, 77, 274, 324
quarry areas 4, 6, 12, 14-15, 18-20, 55, 131, 179-80,
229-30, 234-5, 254-6, 269-70, 282, 289-90,
292-4, 321
quarry deeds 72-3
quarry doors 139, 209
quarry landlords 36, 67, 71, 90, 104, 106-8, 111,
117, 175, 231, 291, 319-20, 330
Quarry Lane 46, 50, 83-4, 171
quarry leaseholds 53, 56, 63, 99, 297
quarry lessees 67, 106, 108, 111, 291, 327
quarry moieties 73-4, 77, 96, 105, 107, 295
quarry mortgages 54-5, 66-7, 72, 74, 76-7, 92, 100
quarry rents 95, 98-101, 106-8, 111, 330
quarry windows 126, 137, 139-40, 209, 228-9, 255,
311, 319
Quarrybottom 82, 90, 118, 277, 330
quarrymasters 55-6, 60, 99, 101, 104-6, 108, 111-12,
116, 145, 175, 211, 242, 273, 296, 327, 331
quarrymen 9, 20, 28-30, 34, 55, 60, 77, 110, 117-18,
122, 129-30, 201-2, 233, 238, 243-5, 330-1
Quash, Joseph 75-6
- ragstone 28-9, 227, 235
railway 1, 44, 46-7, 49, 76-7, 82-6, 88, 93, 95-8, 100-
2, 112-13, 122, 144, 190, 218, 319-21
Ralph Allen Drive 58, 70, 283, 328
Ralph Allen Park 70, 317, 320, 330
Ralph Allen Yard 16, 56, 67, 82-3, 89, 102, 122, 164,
166, 175, 190, 209, 219-20, 235, 274, 297
revolver 130, 233, 237, 246
ridding 49, 68, 115, 118, 120, 319, 329
River Avon 23, 25, 27, 35, 76, 81, 333
Robins, Thomas 46, 48-9, 86, 90, 94, 118, 325
Robinson, John 38
Rock Lane 7, 41, 50, 55-6, 67, 82, 84, 106-7, 111,
114, 122, 166, 171, 242, 277, 285
Roman Baths Museum 4, 259
roof beds 108, 145, 201, 212, 215-18, 221, 225
 collapsed 212, 220, 225
roof heights 7, 143, 176, 201-2, 228-30, 290, 310
roof level 12, 152, 167, 173, 182-3, 185, 188, 197,
203, 210, 212-13, 220, 227-9, 289, 304
rooms 5, 14, 16, 125-6, 134-5, 137-9, 142, 144-6,
167, 185-6, 225-7, 229-30, 281, 283-5, 289,
293
rubble-stone packs (see also stone packs) 126, 135,
137, 183-4, 211-12, 245, 276, 279, 281, 289,
294, 303-5, 309-10
Rush Hill 97
- Salmon, Harry 55-6, 103, 105, 113, 297, 299, 327,
329
sawn faces 19-20, 114, 156, 159, 211, 238, 276, 297,
304-5, 307, 316, 331
sawn pillars 127, 130, 156, 159, 202, 245-6, 321
saws 30, 107, 127-9, 147, 155, 158-9, 202, 208, 210,
227, 247, 249, 253-4, 272, 319-20, 328-9
 frig bob 5, 17, 153, 155, 157, 247-9, 317, 331
 razzer 5, 146, 156-7, 247-9, 317
scappling 126, 148, 152-3, 167, 227, 256
scappling axe 152, 155, 160, 248, 253, 255-6, 259
Scrace, John 58, 69, 103, 105, 188, 192, 294, 299-
303, 327, 330
shaft cap 20, 172, 237, 265
shaft cone 114, 265
shaft entry 84, 331
shaft pillars 177
Shaft Road 4, 38, 42, 49-50, 64-6, 70, 73, 115, 122,
130, 144-5, 157, 197, 217-18, 316, 328-9
sharpening stone 158-9, 254, 290
Sheeps House Quarry 41, 50, 53-5, 67, 82-3, 100-1,
105-7, 111-13, 166-7, 171-2, 175-6, 222-3, 273-
4, 283-6, 290-1, 293-6

- Shepherds Walk 23, 25, 37, 40-1, 56, 69, 71, 121, 269, 332
 silt traps 255-6, 259
 Smith, Milo 73-4, 76-8, 96, 98, 175, 273-4, 326
 Smith, William 29-30, 33-4, 67, 73-4, 78, 104
 Somerset 264-5, 335-6
 Somersetshire Coal Canal 53, 55, 66-7, 328, 335
 South Parade 88-9, 330
 South Stoke 25-6
 spoil disposal and dumping 9, 20, 69-70, 90, 122, 129, 131, 135, 137, 144, 182-3, 185-6, 227-9, 231, 269, 330
 sprags 215-18, 226, 253
 Springfield Quarry 27-8, 30, 50, 65-6, 114, 267, 316
 St Bartholomews Hospital London 91-2, 95-6
 Stabilisation Scheme 4, 7, 9, 11-12, 14, 17, 30, 103-4, 114-15, 121-2, 130-1, 201-2, 241, 259-60, 269, 294-5
 Stennard, William 60, 110, 303, 313, 316
 Stennards Quarry 60, 63, 231
 stone, architectural 253, 256-9
 Stone, Henry 60, 63, 316
 Stone, James 63, 313
 stone arches 125, 178, 219-21, 297
 stone carriages 81, 85, 88, 100, 113
 stone chocks 212, 225-6
 stone coffins 35-7, 272
 stone packs (see also rubble-stone packs) 15-16, 19-20, 127, 131, 141, 171-3, 175, 182, 188, 195, 212-13, 215, 218, 220-2, 225, 231-2
 rubble 125, 201, 277, 307, 330
 Stonehouse Lane 41, 55, 60, 106, 114, 151, 231, 235, 294, 313, 328, 330
 Stonehouse Lane Quarry 212, 313-14, 317
 stoneyards 42, 44, 46, 80-1, 90-1, 93, 325
 Street, Henry 58, 105, 299, 327
 Summer Lane 23, 28, 37-8, 40-1, 49, 55, 58, 67, 71, 84, 114-15, 121, 269, 272, 277, 330
 Sumsion, Abraham 56, 58, 63, 66, 69, 101, 103, 105, 107, 114-15, 243, 313
 Sumsion, Isaac 58, 63, 65, 105, 115, 243-4, 313, 316

 Tankfield Quarry 122, 159, 194, 316-20
 Tanky Elms, Bath Stone quarryman 159, 210, 215, 242, 333
 timber sprag recesses 155, 216-17
 timber sprags 127, 144, 155, 201, 211-12, 215-17, 221, 292, 314, 321
 tipping 5, 129, 185-6, 229-30, 249, 255, 264, 311
 tipping fronts 19-20, 179, 186, 277, 311-12
 tipping platforms 19, 179, 185-6, 188
 toolmarks 15-16, 151-2, 204-5
 tools 14, 18, 129, 133, 147, 151-2, 159, 233, 246-8, 250, 253-4, 310, 319
 Tor House 122, 238, 297
 transport 4, 9, 38, 44, 46, 81, 89-90, 93-6, 98, 115, 135, 142, 144, 163, 221, 272

 trustees 55, 80, 99-100
 Tuckingmill 23, 25-6, 29, 38, 40, 53, 55, 66-7, 71, 272, 335
 Turnpike 55-6, 58-61, 64-6, 104-6, 108, 114, 175, 231, 285, 293, 303, 305, 312-13, 326, 333
 Twinhoe Beds 23, 26, 28, 30, 32, 40, 68, 89-90, 112, 115, 199, 220, 273, 303
 two-wheeled cart 5, 51, 125, 188-9, 284, 304
 Tyning Road 55, 109-10, 172, 330

 ventilation 126, 131, 135, 167, 171, 197-8, 209, 284-5, 297, 303, 320
 ventilation shafts 171, 233
 vertical shafts 19-20, 122, 159, 161, 164, 182, 197-9, 204, 318
 video filming 9, 14, 20-1, 332
 vugs 5, 28, 103, 227, 299, 332

 wages 81, 90, 93, 98, 244, 325
 wagons 42, 46, 48, 81-2, 107, 112, 125-7, 148, 164, 177, 188-90, 192, 248, 284, 293, 295
 walling stone 32, 34, 44, 93, 120, 137
 Warburton, Gertrude 79, 98-100, 326, 329
 wedge-and-chip 5, 143, 145, 148, 152-3, 155, 157, 160, 171, 208, 293, 305
 wedge holes 114, 152-3, 193-4, 307, 310
 wedge impressions 152-3
 wedge pits 19, 148, 152-5, 281-2, 284, 293-5, 305
 wedges 5, 11, 114, 118, 128-9, 138, 145, 147, 152-3, 155, 175, 207, 209-10, 217-18, 247-9, 314
 wells 20, 26, 37, 130, 199, 233, 235
 West Byfield 123, 128, 147, 149, 155, 197, 212, 219, 234, 237-8, 244-5, 271, 299
 West Firs 216, 226, 285, 294, 296, 327
 Westerleigh Road 7, 111-12, 175, 199
 Westerwald stoneware drinking mugs 265
 wharf 42-3, 45, 53, 55, 74, 76, 78, 81-2, 87-8, 94-6, 166
 wheelbarrows 178-9, 185-6, 188, 228, 284
 Whittington quarries 247, 254
 Widcombe 23, 25-7, 37-8, 40-1, 50, 55-6, 58, 66, 71-2, 74, 76-7, 92, 101-2, 273-4, 282-3, 323-5
 Wilks Quarry 317-20, 329
 William Smith 23, 29, 58, 66-7, 104, 272-3, 331, 334-5
 Wiltshire Bath Stone 32, 145
 Wiltshire freestones 53, 113
 Wiltshire quarries 63, 91, 113, 115-16, 128, 134, 155, 178, 189, 229, 299, 312, 329
 Wingrove 54-6, 108, 330
 Wood, John (1704-1754) 32, 34, 36, 38, 44-5, 76-81, 85, 88-94, 96, 325, 328
 working faces 11, 90, 122, 133-4, 145, 151, 164, 197, 202, 302, 322, 325
 wrist stone 5, 118, 148, 150-1, 157-8, 227, 248, 294, 310

