



# The Butterley Gangroad Project

## Butterley Limestone Quarries and Lime Works at Crich

### Management and Labour

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Version 1.0

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## 1. Introduction

The census returns for the period 1841-1901 inclusive do not provide sufficient detail to determine those people employed by the Butterley Company at the Crich limestone quarries and Bullbridge lime works. The 1911 census did expand on the information to be collected, including the employer's name, but unfortunately this column on the return was completed by very few people. However the Butterley Company did own property at Bullbridge and at the Hat Factory and using 19<sup>th</sup> century directories, the census returns and one document from the Butterley archives, a short list of people has been identified, who we can say with a reasonable level of confidence, were employed by the Butterley Company at the works in Crich and Bullbridge.

The list has been compiled from the following:-

- The agents known to have been employed by the Butterley Company to manage the limestone and lime works from 1827 to the closure of the works in 1933;
- The residents at the Hat Factory detailed in the census returns from 1841 to 1911;
- The residents in the property adjacent to the manager's house at Bullbridge employed at the lime works; and
- The Butterley Company's roll of honour of employees who joined the army to fight in the 1914-18 war (excluding Dale Quarry, Wirksworth workers)<sup>1</sup>

This list of the workers is shown below in the table in Section 3. From the occupations detailed in the end column of the table these specific workers were either working in the quarries at Crich or at the lime works at Bullbridge or involved with the transportation of the limestone from the quarry to the lime works.

## 2. Employment Agreements, Remuneration and Accidents

### 2.1 Employment Agreements

The Derbyshire Archaeological Society produced a paper in 1965<sup>2</sup> and the author concluded that the Butterley Company imposed rules for certain kinds of workers and those rules suggest the company was conditioning the workers to accept their place in a disciplined hard working labour force. The company imposed fines when the rules were broken - 2d per day for leaving a box or tool out of place and "neglect of work" was punished by a fine of 1s 11d on the master workman and 4d per hour on his assistants. The men were responsible for providing some of their own tools and the company gave them an allowance of one shilling in the pound for this purpose and also to cover any repairs that became necessary.

At the time the paper was produced an “agreement book” was accessible and included the specific rules for working at the Bullbridge lime works in 1803. The rules emphasised the company’s desire to have good business relations with customers, for each customer to be served in turn and to be sold the exact measure without partiality and engagements with customer to be punctually met. In addition the daily duties of the lime burners included the cleaning of the holes and the yard and ensuring the kilns were well filled, regularly drawn and kept in the best possible order.

Unfortunately that “agreement book” does not appear to have been deposited at the Derbyshire Record Office (DRO) and the only relevant documents identified are agreements included in D503/82/3-24. None of the agreements relate directly to the lime works but one agreement is for a fitter at the Butterley works in the 1820s and is probably typical of the agreements in place at the Crich works. A transcription of that agreement is included below.

*I John Smith do hereby agree and bind myself to serve the Butterley Company in the capacity of the fitter of engines and machinery from the day of the date hereof till the first day of March 1824 for the wages or terms of twenty shilling per week of six days. For the additional sum of two guineas should my conduct during the said term be satisfactory to the Company.*

*To attend and work regularly twelve hours in each and every day, (except Sunday), or longer if for any reasonable cause it may be required, and to the utmost of my skill, power and judgement to work in such capacity according to the directions and instructions I may from time to time receive from the said Butterley Company or their agents.*

*I also agree to conform to, and abide by, all the rules and regulations established, or to be established by the Butterley Company for the management, order and welfare of the works and to submit to such forfeitures or penalties for negligence, misconduct or disobedience as I at any time may incur; and to contribute to the fund for the support of the sick.*

*I also pledge myself to be faithful to the said Butterley Company and do, and perform, everything committed to my charge in the best manner and agreeable to their wishes; and that I will not conceal any fault or defect in my piece of work made, done or committed either by myself or any other of their workmen. I will also take due and proper care of the tools and implements that I may be entrusted with; and produce the same whenever I may be required in good and perfect order; and I will give information to the said Butterley Company of any waste or wilful injury that may be done to any of their property, or any fraud, robbery or any other offence that may be committed by any person employed by them or otherwise so far as I may ever be acquainted therewith.*

## 2.2 Remuneration

The manager of the limestone and lime works was paid an annual salary<sup>3</sup> ranging from £150 in the 1880s, £200 in the 1890s, £250 in the 1900s to £370 in the 1920s. From the turn of the century (1899 onwards) the foremen at the works was also salaried and received £140 per annum in the 1900s, £140 to £200 per annum in the 1910s and up to £250 per annum in the 1920s. In addition, in the 1880s the manager was paid an additional allowance of £7-10s-0d per quarter<sup>4</sup> for the upkeep of the horses.

When the works were profitable the salaried staff received a bonus at Christmas and in 1901 this was £25 for the manager and £5 each for the foremen<sup>5</sup>. However salaries fluctuated from 1921 onwards<sup>6</sup> depending on the profitability of the works and from 1929 the quarry and lime works were in decline due to the depleting limestone reserves resulting in closure of the works in 1933. The managers and two foremen continued to be employed by the company presumably to oversee the dismantling and sale of the plant and property.

The wages paid to the quarrymen and lime burners has been difficult to ascertain but in 1897 based on the total annual wage bill for the works and the number of men employed<sup>7</sup> the average wage per man/boy was in the region of 16-18 shillings per week.

In May 1894 the Butterley quarrymen of No. 3 company at Crich went on strike as they considered they were due unpaid money amounting to 9s 11d. The new manager, appointed in 1893, disputed this and contended the work, for which the men were demanding the money, had been done as a trial week<sup>8</sup>. The strike was not successful and in the same year the contract system for employing the men was abolished and the men worked for company directed by a foreman<sup>9</sup>. This change for the workforce, coupled with the injection of investment in new plant instigated by the new manager, demonstrates the significant changes to working practices being imposed on the men to restore profit levels to those enjoyed by the company in the previous decades.

Any breaches of their agreements by the workmen appear to have been treated seriously by the company. There were two recorded instances of the company taking action and charging the men with absenting themselves from work. In 1894 three quarrymen at Crich (Edward Wragg, James Mellors and John Billington) were fined 2s 6d and with costs and compensation had to pay 17 shillings each but were not dismissed<sup>10</sup>. In 1899 again three quarrymen (Edward Bollington, Luke Wragg and John Needham) employed at Crich by the Butterley company were charged at Belper with absenting themselves from work<sup>11</sup>. Damages of 2s 6d were claimed and Mr Fermor of Ripley said the men left without notice and the case was taken as an example. The defendants had nine shillings to pay.

In 1908 the manager reported<sup>12</sup> wages had risen due to the competition for labour with the contractors for the Derwent Valley Water Scheme and several quarrymen had left resulting in reduced output of limestone from the quarries. This competition for labour within the area was reflected in the increase in the total

wage bill recorded<sup>13</sup> for the works around this date albeit some of the variation can be attributed to the varying numbers of men employed during the same period.

### 2.3 Accidents

The nature of the quarrying and lime burning business introduced risks to the men working with the plant and kilns and getting the limestone and the inevitable accidents, most with only injuries but some fatal, occurred at the works.

On 21 December 1900 Mr Lewis Harrison of Burton's Yard, Crich Common (gardener and groom of the Butterley Company) was driving with Mr J P Hamilton to Butterley. The horse gave a sudden jump forward and Mr Harrison was severely knocked on the shoulder with the shaft. His shoulder was put out and following treatment by a doctor he appeared to be progressing favourably at home. However four days later he died suddenly as a result of a clot of blood interfering with an artery that supplied the lungs which was as a consequence of the injuries he had received<sup>14</sup>.

The Butterley Company bought the Dale Quarry at Wirksworth in 1900 and operated the quarry as part of the Crich works from that date. In 1909 a quarryman Samuel Elliot, aged 38, fell 150 feet into the quarry and suffered fatal injuries. He was working with two other men at the top of the quarry trying to move it over the edge into the base of the quarry. The deceased went to the front of the block of stone next to the precipice to hammer out a corner piece. He had no sooner started work than the stone flew into pieces and he jumped to get clear, landed on some dirt and the weight of his body took him head first down the quarry face<sup>15</sup>. Both of these fatalities above were recorded by the coroner as accidental death.

Examples of some of the other accidents reported involving the workmen are:

- 1863 - John Hartstone was setting a "shot" and had not any paper wadding between the powder and the ramming and the shot went off causing serious burns about the face, arms and other parts of the body. He is feared to have the lost the sight of one eye<sup>16</sup>.
- 1868 - Joseph Thorpe was setting a "shot" and the powder ignited whilst he had his head over it. He was blinded and feared his sight could not be recovered<sup>17</sup>
- 1894 - Alfred valance, working with Charles Ludlam, suffered fractured skull after being hit on the head by a large hammer breaking the lime after slipping at the lime kilns at Bullbridge<sup>18</sup>.
- 1894 - Thomas Conquest was working on the quarry face when the rock on which he was standing gave way and he fell 50 feet into the quarry dislocating his lower jaw, breaking one leg and thigh bone and being terribly cut and bruised<sup>19</sup>.

The Butterley Company did maintain a fatal accident reserve fund to enable payments to be provided to the widows of the men involved in fatal accidents at the works. At the time of the two fatalities above this compensation fund was receiving, by internal journal transfer, £500 per annum<sup>20</sup>.

However the accidents were not confined to the workforce and members of the local community were also involved, including two fatalities.

1884 - John Parkin, about 70 years, met with a shocking death by falling into one of the Bullbridge lime kilns one night. Workmen found a human frame in the kiln the next morning but when they touched it crumbled to ashes.

1902 - John Johnson, labourer, employed by the Midland Railway Company on the Cromford canal, lodged at the Hat Factory and was walking up the railway from Fritchley one dark night when he fell 14 feet over the low wall into the field below and was found dead by his colleagues<sup>21</sup>.

The Butterley Company paid £200 in damages to Mrs Williams of Crich after she had fallen 10 feet into a railway cutting on her way home from visiting Mr Wightman at Fritchley one dark night<sup>22</sup>. She had to pass over a bridge erected over the line of rails and thought she was walking towards the bridge but instead she was approaching the edge of the cutting. Compensation was awarded on the basis of the company being negligent by not having fenced the sides of the railway.

### 3. List of Workers.

Surname	Forename	Wife's Forename and maiden name (if known)	Location	Dates	Occupation
Adams	George	Caroline	Hat Factory	1901	
Allsop	S			1919-1939	Lime works
Amatt	George	Sarah	Hat Factory	1851-1891	Quarryman
Amatt	Isaac	Louisa	Hat Factory	1861-1891	Quarryman
Amatt	James		Bottom Side, Crich	1911	Quarryman
Amatt	James (jnr)		Hat Factory	1861-1881	Quarryman
Amatt	John		Hat Factory	1861	Quarryman
Amatt	Joseph		Hat Factory	1871	Quarryman
Amatt	Samuel	Elizabeth	Hat Factory	1841-1851	Quarryman
Amatt	Samuel (jnr)	Sarah Jones	Hat Factory	1851-1891	Quarryman
Bates	George Grey	Annie	Bullbridge	abt 1865-1881	Limestone/Lime Works Manager
Beresford	James	Martha	Hat Factory	1851-1861	Limestone Getter
Beresford	James (jnr)	Elizabeth	Hat Factory	1851-1861	Limestone Getter
Beresford	Joseph		Hat Factory	1851	
Bowmer	John	Mary Ann	Park Head	1881-1900	Stone getter / Quarry foreman
Bowne	Peter William	Mary Staley	Bullbridge	abt 1847- abt 1865	Limestone/Lime Works Manager
Brooks	William	Ellen	Hat Factory	1871	Engine Driver
Byard	Jarvis	Clara	Fritchley	1930	Engine Driver
Coleman	Thomas		Crich	1911	Quarryman
Conquest	George	Mary Barker	Hat Factory	1851	Quarryman
Conquest	Robert	Elizabeth Wragg	Hat Factory	1851-1901	Quarryman
Conquest	Thomas	Sarah Amatt	Hat Factory	1851-1871	Quarryman
Conquest	Thomas (jnr)	Elizabeth Cowlshaw	Hat Factory	1891-1911	Quarryman
Conquest	William	Mary Kirk	Hat Factory	1851	Quarryman
Crowder	George	Mary	Hat Factory	1891-1901	Lime Burner
Curzon	Alfred		Crich Common	1911	Quarryman
Curzon	John	Mary Ann	Crich	1911	Labourer Limestone Quarry
Curzon	John William		Crich Common	1911	Quarryman
Curzon	Thomas	Emily Rodgers	Hat Factory	1861	Quarryman
Day	John Henry	Alethea Hawkins	Bullbridge	1881-1893	Limestone/Lime Works Manager



Surname	Forename	Wife's Forename and maiden name (if known)	Location	Dates	Occupation
Else	James		Crich	1911	Quarryman
Else	Samuel		Crich	1911	Quarryman
Else	William jnr		Crich	1911	Quarryman
Goodall	James		Pentrich	1911	Lime Drawer
Gregory	Daniel	Dorothy	Crich	1911	Foreman Hilts Quarry
Hambleton	Richard		Hat Factory	1891	Quarryman
Hamilton	John Pakenham	Sarah	Bullbridge	1893-1939	Limestone/Lime Works Manager
Hardstone	Isaac	Elizabeth	Mill Green	1851-1861	Quarryman
Hardstone	John	Harriet	Hat Factory	1861-1901	Limestone Getter
Hardstone	Thomas	Mary	Mill Green	1851	Quarryman
Harrison	Benjamin	Hannah	Dimple Lane	1851-1871	Quarryman
Harrison	Benjamin (jnr)		Dimple Lane	1851-1861	Quarryman
Harrison	John		Dimple Lane	1851	Quarryman
Harrison	Samuel		Mill Green	1851	Quarryman
Harrison	William		Dimple Lane	1851	Quarryman
Harrison	William	Hannah	Hat Factory	1861-1871	Limestone Ganger and Farmer of 22 acres
Henson	Lewis		Crich	1911	Horse Keeper Lime Kilns
Hodgkinson	Edward		Hat Factory	1911	Quarryman
Hodgkinson	Matthew		Hat Factory	1911	Quarryman
Hughes	Joseph	Caroline	Crich Common	1911	Wheelwright Lime Works
Jenning	Thomas		Hat Factory	1881	Limestone Quarryman
Kirk	John	Mary	Dimple Lane	1851	Quarryman/Engine Tenter
Kneebone	Adam	Mary Eliza	Crich	1911	Quarryman
Kneebone	George	Nellie	Crich	1911	Quarryman
Litchfield	Fred		Hat Factory/Crich	1901-1911	Limestone Getter
Litchfield	George		Hat Factory	1891-1911	Lime Works Labourer/ Quarryman
Litchfield	William		Hat Factory	1891	Lime Works Labourer
Ludlam	Henry		Hat Factory	1891	Quarryman
Ludlum	John	Sarah Ann	Mill Green	1901	
Mather	Joseph	Martha Bacon	Bullbridge	abt 1827- abt 1847	Limestone/Lime Works Manager
Mellors	Walter		Crich Common	1911	Quarryman

Surname	Forename	Wife's Forename and maiden name (if known)	Location	Dates	Occupation
Needham	George	Florence Litchfield	Bullbridge	1901	Lime Works Labourer
Needham	James	Susannah Conquest	Bullbridge	1891-1911	Lime Kiln Drawer
Needham	Jim		Bullbridge	1911	Horse Driver Lime Works
Needham	John	Mary Rodgers	Bullbridge	1861-1881	Lime Kiln Drawer
Needham	Tom	Bertha	Bullbridge	1901	Lime Works Labourer
Needham	William	Annie Briggs	Bullbridge	1861-1891	Lime Kiln Drawer
Parkin	John James	Annie Elizabeth	The Poplars, Fritchley	1891-1939	Lime works foreman
Perry	George		Crich Common	1911	Quarryman
Poyser	John	Eliza	Hat Factory	1871	Quarryman
Quinter	William		Crich	1911	Quarryman
Rodgers	Amos		Fritchley	1911	Engine Driver
Rodgers	Fred		Fritchley	1911	Quarry Labourer
Rodgers	George	Susannah	Hat Factory	1851	Limestone Getter
Rodgers	Joseph		Hat Factory	1851	Limestone Getter
Rodgers	Samuel	Annie	Hat factory	1861	Limestone Getter
Rodgers	William	Harriet	Fritchley	1911	Lime Burner
Slack	Thomas	Alice	Dimple/Fritchley	1871-1901	Quarryman/Lime Burner
Smith	Frederick		Crich	1911	Machine Clerk
Swindell	James	Ann	Dimple	1861-1871	Quarryman
Taylor	William	Harriet	Hat Factory	1861-1881	Limestone Labourer
Townsend	Ezra		Crich	1911	Labourer
Wain	Thomas	Mary A	Carter	1861	Carter
Ward	Frank		Crich	1911	Engine Driver Lime Kilns
Wetton	Henry	Lizzie	Bottom Side, Crich	1911	Quarryman
White	John		Hilts Cottages	1911	Quarryman
Wilson	George E	Eliza	Mill Green/Hat Factory	1891-1911	Quarryman
Withers	Esau	Sophia	Hat Factory	1911	Foreman Limestone Quarry
Withers	George		Hat Factory	1911	Labourer Limestone Quarry
Wragg	Henry	Sarah	Hat Factory	1851	Limestone Labourer
Wragg	James	Mary Martin	Crich	1851-1891	Limestone Getter
Wragg	James (jnr)	Sarah	Crich	1861-1881	Limestone Getter

The entries highlighted in the table above are those workers included in the Roll of Honour for the 1914-18 war (D503/82/25) employed at the lime works. In 1914, 13 workers employed at the lime works (excluding those men working at Dale Quarry, Wirksworth) joined the army and went to war. The Butterley Co. record indicates four were killed in action - Thomas Coleman, John William Curzon, and George Perry.

A small number of selected families have been selected from the full list of workers above and these families have been analysed to provide further information on them. From the analysis of these families it is evident there was a close knit community of workers living around the Hat Factory and in Bullbridge given the relationships between the families and the length of time men worked at the quarries and lime works.

The Conquest family are included for their long service at the works and the links to both the Wragg and Needham families and the Amatt family for their long service at the works.

The census returns providing the information on these families have been included in Appendices A, B and C. For those not familiar with census returns the following should be noted:-

- Full census undertaken every ten years from 1841 ( June 1841 and thereafter around the beginning of April 1851, 1861 etc);
- Census returns released into the public domain after 100 years so latest one available to be searched is from 2 April 1911; and
- Dates of birth and places of birth are frequently not consistent from census to census for the same person.

## 4. Management of the Works.

### 4.1 1793 to 1819 - Contractors

The Derby Mercury published on 25 April 1793 included the following notice:

#### Crich Lime Kilns

*This is to give notice, that lime at Crich kilns will be sold, this present year, at the following rate of one shilling and seven pence per quarter ready money; until Christmas then to be at the rate of one shilling and eight pence per quarter; and after that time, at the rate of one shilling and ten pence per quarter.*

*WM Rowe  
Geo. Young  
C. Silvester  
Daniel Heapy  
John Glbbins  
Tho. Beardsley*

*April 20, 1793.*

In the early ledger (D5974/5/1) covering the period 1793-1804, the entries for George Young indicate he was contracted by Outram to operate all or part of the works. A letter from Joseph Outram to Young, dated 10 December 1796, confirms their agreement had expired at the date of the letter. The letter also confirms a new agreement, with Samuel Rowe, operated from 12 December 1796 to lead or gang limestone. A transcript of this letter is included in Appendix A.

An agreement had also been put in place in April 1796 by Benjamin Outram with John Chilton for getting the limestone at Crich. In his letter to Chilton dated 22 April 1797 Outram is clearly dissatisfied with the management of the works and requires Chilton to immediately enter into strict articles for the full performance of the agreement or terminate the agreement. A transcript of this letter is included in Appendix A.

The accounts for 1802/03 show Robert Tipping receiving payments for undertaking improvements on the tunnel into the Warner quarry, for a replacement limestone kiln and for a replacement kiln road and being supplied with gang rails, wagon wheels and related items. Tipping continued to trade with Outram through to 1805. From 1801, the early ledger also shows Outram trading with Edward Banks who had worked previously under John Rennie senior on the Lancaster and Ulveston canals. Prior to his death in May 1805, Outram had negotiated a fourteen year contract with Edward Banks, George Harrison Eades and Henry Wright to operate the works at Crich, Bullbridge and Codnor Park including the gang road from Crich to Bullbridge. Shortly after Outram's death the

contract was signed in June 1805 by Margaret Outram and the other partners. In the contract, reference is made to an agreement Outram had with Robert Tipping to get and deliver limestone to the Amber Wharf. A full transcript of this agreement is available in a separate document - Butterley Gangroad Project Edward Banks Agreement 1805.

This archive information clearly shows the limestone quarry, gang road and lime works were managed and operated from 1793 to 1819 by contractors acting for Outram and his partners.

#### **4.2 1820 to 1935 - Direct Labour**

When the lease of the quarry, lime works and gangroad to Edward Banks, George Harrison Eades and Henry Wright expired in 1819 it is assumed from then to closure in 1933 the Butterley Company operated the works as a profit centre with direct labour and an agent appointed by the company to manage the quarrying and lime making operations at Crich and Bullbridge. In the period 1827 to 1933 there were five agents appointed to this role and who lived at the house, today known as Lime Grange at Bullbridge.

##### **Joseph Mather (about 1827 to 1847)**

The first reference to a Butterley Company agent at Bullbridge (currently identified) was in an application for a gunpowder magazine licence being submitted to the Derbyshire Easter Sessions on 24 April 1827. The agent for the Butterley Company named in this application was Joseph Mather and details of this application are provided in the timeline.

The census return for 1841 shows Joseph Mather living with his wife, Martha, and their seven children and one servant at Bullbridge (see Appendix A for details of census return).

The entry for Crich in Bagshaw's directory of 1846 identifies Mr Joseph Mather as bar master.

There are no further references to either Joseph Mather or any of his family in the later census returns. However there was a death notice in the Sheffield & Rotherham Independent newspaper on 3 November 1849 as follows:-

*"In America on 4 October, Joseph Mather aged 47 years, late of Bullbridge Derbyshire."*

It is therefore assumed Joseph Mather and his family emigrated to America in the late 1840's.

### **Peter William Bowne (1848 to about 1865)**

Peter William Bowne was born at Codnor Park in 1821 and married Mary Staley at Poplar, London in 1846. The 1851 census return shows Peter William Bowne living at Bullbridge with his wife, Mary, and one son and one house servant. His occupation is specified as employing 27 men as manager of the limestone quarry and lime works and agent for customs having a gunpowder magazine (see Appendix A for details of census returns).

The entry for Crich in White's directory for 1857 includes the following:-

*“The Butterley Iron Company has also extensive lime works at Bull Bridge, where about 8000 tons of lime and 30,000 tons of stone are sold yearly. About 50 men are employed at these works; Mr. Peter Wm. Bowne is the resident manager. Messrs. Curtis and Harvey's gunpowder magazine is also situated at Bull Bridge.”*

The 1861 census shows him and his family living at Bullbridge and still employed as agent. His family included three children and he had two servants. In 1865 he left Bullbridge and his employment with the Butterley Company and moved to Coney Grey House in Pentrich. His wife died in 1866 aged 46 and on the 1871 census he is shown as a widower and a farmer of 216 acres. His son died in 1878, aged 30 and by 1881 he had moved to 46 Hartington Street, Derby and was living with his two daughters, a cook and one servant and his occupation was stated to be the owner of stone quarries. He was the co-owner of the Bowne & Shaw quarry in Wirksworth.

Peter William Bowne died in 1885 aged 64.

### **George Grey Bates (about 1865 to 1881).**

George Grey Bates originated from Gateshead, County Durham and married Ann Story at Eckington in 1852. He is recorded on the 1871 census at Bullbridge employed as Lime Agent and Maker living with his wife and one daughter (see Appendix A for census returns).

During his term as manager his name appears in the newspaper reports in two court cases relating to charges of embezzlement at the Butterley works. In both cases he was not the person being charged or linked with the alleged embezzlement. The first case in 1868 related to George Allen of Fritchley who pleaded guilty to embezzling certain monies (£3 -9s -0d) the property of the Butterley Company. Mr George Bates had sold lime to the Eckington Gas Company and the account had been settled by the company secretary with monies being paid to George Allen who had not passed the payment on to Mr Bates. George Allen was committed to the assizes and bail was accepted.

The second case at the Ripley Petty sessions in 1878 involved John Borewell, iron founder of Burton, and the alleged embezzlement of several thousand pounds from the Butterley Company. Mr George Bates, agent of the Butterley Company, and his daughter both provided evidence. The accused was committed for trial at

the sessions and no bail was granted. At the sessions he was found guilty and sentenced to 18 months imprisonment and hard labour.

George Grey Bates died in the first quarter of 1881 aged 53.

### **John Henry Day (1881 to 1893)**

John Henry Day was born in Ripley in 1854. His father, George Day, started with the Butterley Company as a clerk to the bookkeeper, Mr George Staley. George Day then became an accountant and on the 1871 census was recorded as an agent to the Butterley Company (but not at the Crich/Bullbridge works). John Henry Day's mother, Isabella, was born in Newcastle-upon-Tyne and was a Professor of Music. Before she married George Day she was Isabella Bates and was the sister of the previous manager, George Grey Bates. In 1871 John Henry Day was living with his family at Outram Street, Ripley and he was recorded as a clerk.

By 1881 he had been appointed as the manager of the limestone and lime works and was living at Bullbridge with his wife, Alethea, and one servant (see Appendix A for census returns).

The Crich entry in the 1887 and 1891 Kelly's directories lists John H Day as the agent for the Butterley Company's quarries and lime works at Bullbridge and the agent for the Curtis & Harvey's gunpowder magazine also at Bullbridge.

On the 1891 census return he is still living at Bullbridge, as manager of the lime works, with his wife, four children and two servants.

The minutes for the Butterley Company for 1893 include a reference to John Henry Day being given three months notice from 25 September 1893 following the directors having investigated and found gross irregularities and falsifications in the Bullbridge lime works' accounts. The minutes further record that J P Hamilton was offered the post of manager on 10 October 1893 and the same had accepted the post by 11 November 1893.

During his period as manager of the lime works his annual salary was £150. This contrasts with his father, George Day, also an agent for company at the same time, who was employed on an annual salary of £500.

On the 1901 census John Henry Day is recorded living with his wife and four children in Albert Street, Belper and working as a clerk and by 1911 he had moved with his wife to Liverpool and was living with his sister-in-law and working as an accountant.

### **John Pakenham Hamilton (1893 to 1933 closure of the works)**

John Pakenham Hamilton was appointed as manager of the lime works in October 1893 on an annual salary of £162 following the dismissal of John Henry Day. J P Hamilton was born in Donegal and spent his early life in Fife, Scotland.

The Bullbridge entry in the Bulmer's directory of 1895 includes the following references:-

*Bull Bridge is a busy little village on the bank of the river Amber, 1¼ miles S.E. from Crich. Here are five lime kilns belonging to the Butterley Company, and the bobbin and moulding works of Edward Watkins & Co., removed from Fritchley in 1885.*

*Butterley Co., Ltd., lime merchants; John P Hamilton, resident manager.*

A similar reference to J P Hamilton appears in the Kelly's directories of 1899, 1908, 1912, 1925 and 1932 and in the 1899 directory he is also included as the agent for the Curtis & Harvey's gunpowder magazine at Bullbridge.

On the 1901 census J P Hamilton is recorded as living at Bullbridge with his wife, Sarah, and three sons and having an occupation as mining engineer and lime works manager. By 1911 he and his wife had a fourth son and they also had a servant living with them at Bullbridge.

Following the closure of the works in 1933 he continued to live in the manager's house at Bullbridge for at least another 10 years.

## 5. Bullbridge Residents

### Wain Family

Thomas Wain first appears on the 1861 census living at the Hat Factory with his wife and one son. He was listed as a **carter** and therefore was most likely involved with the transportation of lime stone from the quarry to the lime works. He was born in Bakewell in 1835 and his wife, Mary Ann Wain, was born in Crich in 1838.

By 1871 census the family had moved to Bullbridge and Thomas Wain was working as a **lime kiln labourer**. He is recorded on the 1871 census as having three sons, William (aged 10), John (aged 3) and Arthur Wain (aged 1) with all his three children being born in Crich.

### Needham Family

The Needham family first appear on the 1851 at Heage with William Needham aged 10 living with his parents James and Mary Ann Needham and their two younger children, John aged 7 and Mary aged 6. Mary died at the age of 13 in 1858 and at some point between 1851 and 1861 the family moved to Bullbridge.



In the 1861 census the family is recorded at Bullbridge and William, his father, (James) and his brother John were all *labourers* assumed to be working at the Amber Wharf lime works. Williams's father died in 1864 and by the time of the 1871 census William had married Annie Briggs and they had a son, James Needham, aged two months. William's occupation at this time was *lime drawer*. William's mother was living with them at Bullbridge and she was a *stay maker*.

At the time of the 1881 census William and his wife Annie had had a further five children (two sons and three daughters) and William's occupation is *labourer at lime works*. William's mother, Mary Ann Needham, is not recorded on the census living with them so it has been assumed she has died by this time albeit no death registration has been identified. William's brother, John, married in 1868 and is recorded as living with his wife, Mary, at Fritchley and is working as a *lime drawer*. In 1882, William's youngest son, William, dies at the age of 2.

William continued to work at the lime works and by the time of the 1891 census two of his sons (James and John Needham) are also working with him as *lime drawers*. William and Annie had three more children (George, Tom and Rebecca) and one of the daughters, Eliza (now aged 12), was living with the John Jackson family in Bullbridge and worked as their servant.

William Needham died in 1896 but his son, James, continued working at the lime works as a *lime works labourer* and on the 1901 census he is recorded living in Bullbridge with his wife, Susie, and their three children (Jim, May and Minnie). William's widow, Annie, continues to live at Bullbridge with the two youngest sons, George and Tom, and they also are employed at the lime works as *lime works labourers*.

George and Tom Needham both married in the early 1900's and by 1911 had two sons and one son respectively and were both living in Fritchley and were working as *coal miners*.

However in 1911 James Needham (William Needham's eldest son) was still living in Bullbridge and working at the lime works as a *lime drawer*. In the period 1861 to 1911 the Needham family had at least one member working at the lime works and in 1891 four members of the family, William, his brother John and two of William's sons, James and John were employed at the works.

### **Brown Family**

The Brown family appear on the 1881 census at Ripley with Thomas Brown aged 24, living with his parents, Thomas and Mary Brown, at the Ripley water works with his father employed as the water works manager. Although Thomas was living with his parents in 1881, he was married in 1876 to Mary Ann Cole who was resident in Bullbridge and on the day of the census was with her parents (David and Caroline Cole) and her two children Thomas and Sydney (aged 4 and 2). Thomas in 1881 worked as a *loco engine driver*.

By 1891 Thomas was still employed as a loco engine driver but had moved with his wife and family to Fritchley. There were five children living at home - Sydney aged 12, Horace aged 9, Caroline aged 6, Lillie aged 3 and a one week old baby still to be named. The eldest son on the day of the census was living with his grandparents (David and Caroline Cole) in Bullbridge.

On the 1901 census the family are recorded living at Bullbridge, close to the Managers house, and Thomas is employed as an engine fitter and his son, Sydney aged 22, as a loco engine driver. In addition to Sydney there are six other children - Horace, Caroline, Lillie, Lucy, Leonard and Nellie.

By 1911 the family had moved to Lowes Hill, Ripley with Thomas still employed as an engine fitter

## 6. Hat factory Residents

The Hat Factory buildings on Dimple Lane were purchased by the Butterley Company in 1809 and converted into accommodation for their employees. Only one building survives today with the second building on the south side of Dimple Lane near the engine shed having been demolished in the 1930s. The census returns for the period 1841 to 1911 have been analysed and people who most probably worked in the quarry, on the gangroad or at the lime works have been identified.

### Conquest Family.

The Conquest family appear on the first full census in 1841 living at the Hat factory in one dwelling. There were four brothers, Thomas (20), William (15), Robert (10) and George Conquest (8), living with their mother, Ellen Conquest (55), and all but the youngest brother employed as *labourers* presumably at the Warner quarry. By 1851 William was married and he and his wife and two daughters were living in a separate dwelling at the Hat Factory. The three other brothers continued to live with their mother at the Hat factory and by this time all four brothers were employed as *stone quarry labourers*.

Between 1851 and 1861, William Conquest and his family move to Cromford and William continues living there for the rest of his life working as a quarryman.

Thomas Conquest continued to reside at the Hat Factory until he died in 1884 (aged 66). He is recorded on the 1861 and 1871 census returns still employed as a limestone getter meaning he spent at least 30 years working at the quarry. On the 1881 census return, three years before his death, he is recorded as a *pauper*.

George Conquest lived with his brother at the Hat factory until 1862 when he married and by 1871 he was living with his wife and two sons at Mill Green and still working at the quarry. He continued to live in the Dimple Road area for the rest of his life and on the 1901 census he is still recorded as working as a

***limestone quarry labourer***. He died in 1908 after working for over 40 years in the quarries.

George had two sons, Lewis and Herbert Conquest. Lewis joined the army and in 1881 was with the 52<sup>nd</sup> regiment at Chatham and by 1891 he had left the army and became a police constable in Dorset where he was recorded on the census of 1911. He died in the Salisbury area in 1945 aged 81. Herbert moved to Derby in the late 1880s and worked first as a railway engine fireman and then as a railway engine driver for the Midland Railway Co. He died in Derby in 1946 aged 78.

Robert Conquest married Elizabeth Wragg in 1852, the daughter of Henry Wragg (see below) living next door to the Conquest family. They had eight children - 2 two sons and six daughters. The youngest son, Henry, died in 1881 aged 13. The other son, Thomas, married Elizabeth Cowlshaw in 1880 and initially lived in Crich working as a general labourer but by 1891 the family had moved to the Hat Factory and Thomas was employed as a ***quarryman***. On the 1911 census he was living in Fritchley and recorded as ***getting limestone***.

One of Robert's daughters, Susannah (Susie) married James Needham (see Section 3 -Needham family and Appendix B (ii)) in 1891 and the family lived at Bullbridge with James working at the lime works. On the 1911 census for Bullbridge the entry for the James Needham family includes Robert Conquest, widower ***and retired rockman (limestone quarry)***, aged 82. Robert Conquest is therefore recorded on all of the full census returns from 1841 to 1911 and worked for at least 50 years in the limestone quarries.

The four Conquest brothers (Thomas, William, Robert and George) together with Thomas Conquest jnr (son of Thomas) and James Needham (son-in-law to Robert) must have spent, between them, around 200 years working at the Butterley limestone works including the quarries at Crich and the lime works at Bullbridge.

### **Wragg Family**

The Wragg family first appear at the Hat Factory on the 1851 census (living next door to the Conquest family above) with father and son, Henry and James Wragg working as ***labourers at the stone quarry***. The daughter, Elizabeth Wragg, is living with them and one year later she marries Robert Conquest.

James Wragg married Mary Martin in 1855 and continued to work as a ***limestone quarryman*** until his death in 1897. James Wragg junior, born around 1861, is recorded on the 1871 census, at the age of 10, as working in the quarry. He married Sarah Taylor in 1881 and continued working as a ***limestone quarryman*** at the Clay Cross Company quarry in Crich until his death in 1917.

### **Amatt Family**

A member of the Amatt family resided at the Hat Factory from 1841 to 1891. Samuel Amatt in 1841 worked as a ***limestone getter*** and lived at the Hat Factory

with his wife, Elizabeth, four sons (George, Isaac, Samuel and Henry) and two daughters (Sarah and Hannah). The three eldest sons joined their father working in the quarry and the youngest son, Henry, worked in Fritchley as a sawyer until the early 1900s and he died in 1912 at the age of 78.

George Amatt worked as a *limestone quarryman* from 1851 to 1891 and lived for the most part those 40 years at the Hat Factory. He married Sarah Curzon in 1858 and lived in Crich in 1861 but by 1871 he had moved back to Hat Factory following the death of his father, Samuel, in 1862.

Isaac Amatt, aged 19, lived at the Hat Factory with his parents in 1841 working as a labourer. He married Louisa Fritchley in 1846 but cannot be found anywhere on the 1851 census. However by 1861 he had moved back to the Hat Factory, with his wife and two daughters, working as a *limestone quarryman*. He continued to work at the quarry and lived at the Hat Factory until the 1880s. On the 1871 census at the Hat factory, Isaac Amatt and his family had a boarder, Mary Ann Harrison, aged 15, and in 1880 she married Henry Redfern who in 1871 lived with the then ex-manager of the lime works Peter William Bowne (see above) at Pentrich. By 1891 Isaac Amatt he had moved to Bullbridge and lived with the Redfern family and was working at the age of 70 as a **general labourer**.

Samuel Amatt, the third eldest son, lived at the Hat Factory in 1841 with his parents working as a labourer. From 1841 to 1867 he continued to live at the Hat Factory and from 1851 worked as a *quarryman*. In 1867 he married, Sarah Jones of Fritchley, and lived at the Jones family home in Fritchley into the 1890s. On the 1891 census his occupation is recorded as *foreman quarryman*.

The three eldest Amatt sons, George, Isaac and Samuel, all died within a two year period - George in 1895 aged 79, Isaac in 1896 aged 75 and Samuel in 1897 aged 69.

**Note:** The 1839 map of Crich by John Bromley<sup>23</sup> shows Samuel Amatt occupying number 1054 on the plan and Joseph Amatt occupying number 1053 on the map.

## 7. Links to Current Residents

Given the Crich limestone and lime works at Crich and Bullbridge were operational from 1793 to 1933 there must be a number of local people living

today who have family ancestors who were employed by the Butterley Company at those works. From the research completed to date, including the documented discussions Freda has had with local people, two such links have been identified but there could be more waiting to be uncovered.

### Minard - Byard

The photograph below, showing three young children at the Fritchley embankment waiting to wave to the train driver of the descending train from the quarry to the lime works, has been referred to many times since the project was initiated in 2012. From Freda's work, one of the children has been identified as Jane Minard (nee Byard) who still resides in Crich today. Her father, Jarvis Byard, worked as an engine driver in the last 10 years that the works were operational.



The table below shows the 1911 census entry for the Byard family in Fritchley with Jarvis Byard highlighted.

1911 Census - Fritchley (next to Plumtree Cottage)				
Name	Age	Relationship	Occupation	Place of Birth
Horatio Byard	50	Head, Married		Ashleyhay
Hannah Byard	47	Wife		Ashleyhay
William Byard	26	Son	Coal Hower	Ashleyhay
Elizabeth Byard	20	Daughter		Ripley
Florrie Byard	16	Daughter	Hosiery Hand	Ambergate
Arthur Byard	14	Son	Farm Labourer	Wingfield
Jarvis Byard	11	Son		Wingfield
Harry Byard	10	Son		Ripley
Willoughby Byard	7	Son		Ambergate

### Bednall - Kneebone

One of the workers listed in the table in Section 2 is Adam Kneebone, limestone quarryman, living at Fritchley in 1911. The census entry for Adam and his family is shown below.

<b>1911 Census - Fritchley</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place of Birth</b>
Adam Kneebone	35	Head, Married	Limestone Quarryman	Crich
Mary Elizabeth Kneebone	35	Wife		Fritchley
Beatrice Emily Kneebone	11	Daughter	School	Crich
Albert Edward Kneebone	8	Son		Crich
Walter Amatt	14	Nephew	Errand Boy	Fritchley

Adam Kneebone married Mary Elizabeth Amatt, the daughter of James Amatt, in 1896. Adam was born in 1876 and had an elder brother, Thomas Kneebone, born in 1864.

Thomas Kneebone married Elizabeth Clarkson of Fritchley in 1886 and one of their daughters was Millicent Kneebone, born in 1903. Amy Bednall (nee Beighton), who currently lives in Bullbridge, is the daughter of John Beighton and Millicent Beighton (nee Kneebone). In short Amy Bednall's grandfather, Thomas Kneebone, was Adam Kneebone's brother.

## Appendix A - Transcripts of Letters

The following two transcripts have been made from Outram's original letter book<sup>24</sup>

*Butterley Foundry 10 December 1796  
Mr Geo. Young*

*Our agreement with you for leading limestone being now completely expired and Samuel Rowe having agreed to lead or gang the same, of which he begins Monday next 12 December 1796, you are hereby required to give up possession of the lands you hold under B. Outram & Co. in Crich, according to our agreement dated 22 March now last past to the aid of B. Outram & Co. on Monday 12 December 1796 together with all the manure you have made from the crop reaped of the same premises.*

*J. Outram*

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*Mr John Chilton*

*When I agreed with you for getting the limestone at Crich you engaged to employ a sufficient number of hands to get a 100 tons of per day and as much more as should be wanted. To keep a good set of hands at work by the day to be ready in case the bargain men neglected their work. To take on all the trouble and management of the quarry, road wharf etc. on yourself at the terms agreed. I told you I had no doubt you would on average make 1d per ton profit and upwards besides the profit for selling necessaries to the men and but that the first year would be the worst for the quarry for the quarry would progressively acquire a deeper face as the work proceeded and of course would easier to work you were satisfied with prospect of this profit. But you have not gotten a sufficient of hands to the work. The price you have agreed to pay them will leave you about 2d per ton profit on the output and in the worst state of the quarry which is more than double what you reason to expect from our conversation when I let you the bargain. You refused to enter on the work until the last pay day although I promised you full compensation if you sustained any loss for want of wagons or any things we had to provide and instead of taking on the trouble and management on yourself my brother has had more trouble with the work than before you came. You must see clearly that the profit of your bargain the next year and the year following will greatly exceed what I gave you reason to expect yet you do nothing to encourage or assist the men although I have on our part given them powder which neither they or you could at all expect. You employed no day men until my brother procured and set some to work and whilst they have employed you have walked up in gloves and white stockings now and then to look at them, can you expect they will do their duty with this management? Lastly you came to ask me for pay for the time you have wilfully lost conduct altogether unaccountable.*

*The purpose of this letter is to require you immediately into strict articles for the full performance of our agreement and which according to that agreement should have been done some time since or to give up entirely or our trade and customers are not to be trifled with. You speedy decision is necessary, for this is the time of the year when every day is precious.*

*Yours Benjamin Outram*

*Butterley 22 April 1797.*



## Appendix B (i) - Census return for Joseph Mather

1841 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
Joseph Mather	42	Head, Married	Agent	Derbyshire
Martha Mather	38	Wife		Derbyshire
Joseph Mather	14	Son		Derbyshire
John Mather	12	Son		Derbyshire
Ann Mather	11	Daughter		Derbyshire
George Mather	9	Son		Derbyshire
Emma Mather	7	Daughter		Derbyshire
Martha Mather	4	Daughter		Derbyshire
Sarah Mather	1	Daughter		Derbyshire
Eliza Parkes	18	Servant		Derbyshire

## Appendix B (ii) - Census returns for Peter William Bowne

### 1851 Census - Bullbridge

1851 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
Peter William Bowne	30	Head, Married	Employing 27 men as manager of limestone quarry and lime works and agent for customs having gunpowder magazine.	Codnor Park, Derbyshire
Mary Bowne	32	Wife		Ripley, Derbyshire
Peter William Bowne	3	Son		Stepney Middlesex
Elizabeth Staley	21	Visitor		Ripley, Derbyshire
Hannah Ludlow	16	Servant	House Servant	South Wingfield, Derbyshire
1861 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
Peter William Bowne	39	Head, Married	Clerk and Agent.	Codnor Park, Derbyshire
Mary Bowne	40	Wife		Ripley, Derbyshire
Peter William Bowne	13	Son	Scholar private school	Stepney Middlesex
Jane Mary Bowne	8	Daughter	Scholar private school	Crich, Derbyshire
Dorothy Elizabeth Bowne	6	Daughter	Scholar private school	Crich, Derbyshire
Sarah Smith	18	Servant	Servant	Ashover, Derbyshire
Hannah Smith	14	Sister to Servant	Servant	Ashover, Derbyshire

## Appendix B (ii) - Census returns for Peter William Bowne (contd)

<b>1871 Census - Coney Grey House, Pentrich</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Peter William Bowne	49	Head, Widower	Farmer of 216 acres of land.	Codnor Park, Derbyshire
Peter William Bowne	23	Son	Farmer's son	Stepney Middelsex
Jane Mary Bowne	18	Daughter	Farmer's daughter	Crich, Derbyshire
Dorothy Elizabeth Bowne	16	Daughter	Farmer's daughter	Crich, Derbyshire
Ellen Spendlove	16	Servant	Dairy Maid	Shottle, Derbyshire
Mary Coupe	15	Servant	Servant	South Wingfield, Derbyshire
Charles Fletcher	60	Servant	Farm Servant	Tipton, Staffordshire
Robert Fox	24	Servant	Farm Servant	Wessington, Derbyshire
Henry Redfern	19	Servant	Farm Servant	Crich, Derbyshire
John Gibbs	13	Servant	Farm Servant	Pentrich, Derbyshire
<b>1881 Census - Hartington Street, Derby</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Peter William Bowne	59	Head, Widower	Owner of stone quarries	Codnor Park, Derbyshire
Jane Mary Bowne	28	Daughter		Crich, Derbyshire
Dorothy Elizabeth Bowne	26	Daughter		Crich, Derbyshire
Ann Bullock	34	Servant	Cook	Brailsford, Derbyshire
Mary E Jones	14	Servant	House Maid	Tipton, Staffordshire

## Appendix B (iii) - Census return for George Grey Bates

1871 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
George Grey Bates	43	Head, Married	Lime Agent and Maker	Durham, County Durham
Annie Bates	38	Wife	Lime Agent's wife	Eckington, Derbyshire
Annie Caroline S Bates	17	Daughter		Holland

## Appendix B (iv) - Census returns for John Henry Day

### 1881 Census - Bullbridge

1881 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
John H Day	28	Head, Married	Manager at Lime Works	Ripley, Derbyshire
Alethea Day	28	Wife		Heage, Derbyshire
Ann Stone	16	Servant	Domestic Servant	Horsley Woodhouse, Derbyshire
1891 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
John H Day	37	Head, Married	Manager at Lime Works	Ripley, Derbyshire
Alethea Day	38	Wife		Morley Park, Derbyshire
Florence M Day	11	Daughter	Scholar	Morley Park, Derbyshire
May Isabella Day	8	Daughter	Scholar	Bullbridge, Derbyshire
Aletha H Day	6	Daughter	Scholar	Bullbridge, Derbyshire
Judith E Day	4	Daughter	Scholar	Bullbridge, Derbyshire
Elizabeth Hart	25	Servant	General Servant	West Hallam, Derbyshire
Agnes Maud Wright	14	Servant	Servant	Didmanton, Gloucs
1901 Census - Albert Street, Belper				
Name	Age	Relationship	Occupation	Place where born
John H Day	47	Head, Married	Clerk bookkeeper	Ripley, Derbyshire
Alethea Day	48	Wife		Heage, Derbyshire
Florence M Day	21	Daughter	Scholar	Heage, Derbyshire
May Isabella Day	18	Daughter	Scholar	Crich, Derbyshire
Aletha H Day	16	Daughter	Scholar	Crich, Derbyshire
Judith E Day	14	Daughter	Scholar	Crich, Derbyshire

## Appendix B (iv) - Census returns for John Henry Day (contd)

1911 Census - Granby Street, Toxteth Park, Liverpool				
Name	Age	Relationship	Occupation	Place where born
Sarah Judith Howard Slack	61	Head, Widow		Morley Park, Derbyshire
Alethea Judith Slack	18	Daughter		Aldercar, Derbyshire
John Henry Day	57	Brother-in-Law	Accountant	Ripley, Derbyshire
Aletha Elizabeth Day	58	Sister		Morley Park, Derbyshire
Emma Elizabeth Gillett	3	Great Niece	Scholar	Belper, Derbyshire
Elizabeth Woolley	45	Servant	General Domestic Servant	Winhill, Staffordshire

## Appendix B (v) - Census returns for John Pakenham Hamilton

1901 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
John Pakenham Hamilton	39	Head, Married	Mining Engineer and Lime Works Manager	Fife, Scotland
Sarah Hamilton	39	Wife		Elton, Derbyshire
Edward P Hamilton	8	Son		Loscoe, Derbyshire
Michael P Hamilton	6	Son		Crich, Derbyshire
George P Hamilton	4	Son		Crich, Derbyshire
1911 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
John Pakenham Hamilton	49	Head, Married	Manager of Lime and Limestone works.	Donegal
Sarah Hamilton	49	Wife		Elton, Derbyshire
Henry P Hamilton	7	Son		Crich, Derbyshire
Violet Wycherley	17	Servant	Servant	Pilsley, Derbyshire

## Appendix C (i) - Census returns for Wain Family

<b>1861 Census - Hat Factory</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Thomas Wain	28	Head, Married	Carter	Bakewell, Derbyshire
Mary Ann Wain	25	Wife		Fritchley, Derbyshire
George Wain	5	Son	Scholar	Bullbridge, Derbyshire
<b>1871 Census - Bullbridge</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Thomas Wain	36	Head, Married	Lime Kiln Labourer	Bakewell, Derbyshire
Mary Ann Wain	33	Wife		Crich, Derbyshire
William Wain	11	Son		Crich, Derbyshire
John Wain	3	Son		Crich, Derbyshire
Arthur Wain	1	Son		Crich, Derbyshire



## Appendix C (ii) - Census returns for Needham Family

<b>1851 Census - Heage</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
James Needham	35	Head, Married	Agricultural Labourer	Heage, Derbyshire
Mary Ann Needham	30	Wife		Crich, Derbyshire
William Needham	10	Son		Heage, Derbyshire
John Needham	7	Son		Heage, Derbyshire
Mary Needham	6	Daughter		Heage, Derbyshire
<b>1861 Census - Bullbridge</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
James Needham	46	Head, Married	Labourer	Heage, Derbyshire
Mary Ann Needham	41	Wife		Crich, Derbyshire
William Needham	20	Son	Labourer	Crich, Derbyshire
John Needham	17	Son	Labourer	Crich, Derbyshire
<b>1871 Census - Bullbridge</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Mary Ann Needham	51	Head, Widower	Stay Maker	Crich, Derbyshire
William Needham	30	Son	Lime Kiln Drawer	Crich, Derbyshire
Annie Needham	18	Dau-in-Law		South Wingfield, Derbyshire
James Needham	2m	Grandson		Crich, Derbyshire
<b>1871 Census - Fritchley</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
John Needham	27	Head, Married	Lime Drawer	Heage, Derbyshire
Mary Needham	25	Wife	Seamstress	Crich, Derbyshire

## Appendix C (ii) - Census returns for Needham Family (contd)

1881 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
William Needham	40	Head, Married	Labourer at Lime Works	Heage, Derbyshire
Annie Needham	28	Wife		South Wingfield, Derbyshire
James Needham	10	Son	Scholar	Bullbridge, Derbyshire
John Needham	8	Son	Scholar	Bullbridge, Derbyshire
Mary Needham	6	Daughter	Scholar	Bullbridge, Derbyshire
Ann Needham	4	Daughter		Bullbridge, Derbyshire
Eliza Needham	2	Daughter		Bullbridge, Derbyshire
William Needham	10m	Daughter		Bullbridge, Derbyshire
1881 Census - Fritchley				
Name	Age	Relationship	Occupation	Place where born
John Needham	38	Head, Married	Labourer at Lime Works	Heage, Derbyshire
Mary Needham	37	Wife		Fritchley, Derbyshire
John J Needham	6	Son	Scholar	Fritchley, Derbyshire
William Needham	5	Son	Scholar	Fritchley, Derbyshire
Mary E Needham	1	Daughter		Fritchley, Derbyshire
George William Curzon	11	Nephew	Scholar	Fritchley, Derbyshire
1891 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
William Needham	50	Head, Married	Lime Drawer	Heage, Derbyshire
Annie Needham	38	Wife		South Wingfield, Derbyshire
James Needham	20	Son	Lime Drawer	Bullbridge, Derbyshire
John Needham	18	Son	Lime Drawer	Bullbridge, Derbyshire
Mary Ellen Needham	17	Daughter	Mill Hand	Bullbridge, Derbyshire
Hannah Needham	15	Daughter		Bullbridge, Derbyshire
George Needham	9	Son	Scholar	Bullbridge, Derbyshire
Tom Needham	7	Son	Scholar	Bullbridge, Derbyshire
Rebecca Needham	5	Daughter	Scholar	Bullbridge, Derbyshire

## Appendix C (ii) - Census returns for Needham Family (contd)

1901 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
Annie Needham	48	Head, Widow		South Wingfield, Derbyshire
George Needham	18	Son	Lime Works Labourer	Bullbridge, Derbyshire
Tom Needham	16	Son	Lime Works Labourer	Bullbridge, Derbyshire
Mary Ellen Needham	8	Grand Daughter		Bullbridge, Derbyshire
1901 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
James Needham	30	Head, Married	Lime Works Labourer	Bullbridge, Derbyshire
Susie Needham	31	Wife		Crich, Derbyshire
Jim Needham	7	Son		Bullbridge, Derbyshire
May Needham	4	Daughter		Bullbridge, Derbyshire
Minnie Needham	2	Daughter		Bullbridge, Derbyshire
1911 Census - Bullbridge				
Name	Age	Relationship	Occupation	Place where born
James Needham	40	Head, Married	Lime Drawer	Bullbridge, Derbyshire
Susannah Needham	41	Wife		Crich, Derbyshire
Jim Needham	16	Son	Horse Driver	Crich, Derbyshire
May Needham	13	Daughter	Mill Girl	Crich, Derbyshire
William Needham	9	Son	Scholar	Crich, Derbyshire
Robert Conquest	82	Father-in-law	Retired Rockman Limestone Quarry	Crich, Derbyshire

## Appendix C (iii) - Census returns for Brown Family

<b>1881 Census - Ripley Water Works</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Thomas Brown	57	Head, Married	Water Works Manager	Howden, Yorkshire
Mary Brown	59	Wife		Bolton, Northumberland
Thomas Brown	24	Son	Loco Engine Driver	Alnwick, Northumberland
John Brown	21	Son	Blacksmith	Alnwick, Northumberland
Harry Brown	19	Son	Painter	Turkey
Edward Brown	2	Grandson		Ripley, Derbyshire
<b>1891 Census - Fritchley</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Thomas Brown	34	Head, Married	Locomotive Engine Driver	Alnwick, Northumberland
Mary Ann Brown	32	Wife		Wellingboro, Northants
Sydney David Brown	12	Son	Scholar	Bullbridge, Derbyshire
Horace Brown	9	Son	Scholar	Crich, Derbyshire
Caroline Brown	6	Daughter	Scholar	Crich, Derbyshire
Lillie Brown	3	Daughter		Fritchley, Derbyshire
No name at present	1 wk	Daughter		Fritchley, Derbyshire
<b>1901 Census - Bullbridge</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Thomas Brown	44	Head, Married	Engine Fitter	Alnwick, Northumberland
Mary Ann Brown	52	Wife		Wellingboro, Northants
Sydney Brown	22		Loco Engine Driver	Bullbridge, Derbyshire
Horace Brown	19	Son	Bobbin Turner	Crich, Derbyshire
Caroline Brown	15	Daughter	Pant Factory	Crich, Derbyshire
Lillie Brown	13	Daughter	Colliery driver underground	Fritchley, Derbyshire
Lucy Brown	10	Daughter		Fritchley, Derbyshire
Leonard Brown	8	Son		Fritchley, Derbyshire
Nellie Brown	6	Daughter		Bullbridge, Derbyshire

### Appendix C (iii) - Census returns for Brown Family (contd)

1911 Census - Lowes, Ripley				
Name	Age	Relationship	Occupation	Place where born
Thomas Brown	53	Head, Married	Engine Fitter	Alnwick, Northumberland
Mary Ann Brown	52	Wife		Wellingboro, Northants
Horace Brown	29	Son	Winding engine driver colliery	Crich, Derbyshire
Caroline Brown	26	Daughter	Hosiery factory	Crich, Derbyshire
Leonard Brown	18	Son	Haulage driver colliery underground	Crich, Derbyshire
Nellie Fernette Brown	16	Daughter	Tailoress	Crich, Derbyshire

## Appendix D (i) - Census returns for Conquest Family

1841 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
Ellen Conquest	55	Head		Derbyshire
Thomas Conquest	20		Labourer	Derbyshire
William Conquest	15		Labourer	Derbyshire
Robert Conquest	10		Labourer	Derbyshire
George Conquest	8			Derbyshire
1851 Census - Dimple Lane				
Name	Age	Relationship	Occupation	Place where born
Thomas Conquest	31	Head	Labourer Stone Quarry	Pye Bridge, Derbyshire
Ellen Conquest	67	Mother	Housekeeper	Duffield, Derbyshire
Robert Conquest	22	Brother	Labourer Stone Quarry	Bullbridge, Derbyshire
George Conquest	17	Brother	Labourer Stone Quarry	Bullbridge, Derbyshire
1851 Census - Dimple Lane				
Name	Age	Relationship	Occupation	Place where born
William Conquest	28	Head, Married	Limestone Getter	Blummer, Leicestershire
Mary Conquest	25	Wife		Wirksworth, Derbyshire
Ellen Conquest	4	Daughter		Crich, Derbyshire
Mary Ann Conquest	2	Daughter		Crich, Derbyshire
1861 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
Thomas Conquest	41	Head, Married	Limestone Getter	Pye Bridge, Derbyshire
Sarah Conquest	45	Wife		Crich, Derbyshire
William Amatt	13	Son of wife	Limestone Getter	Crich, Derbyshire
Joseph Amatt	11	Son of wife	Scholar	Crich, Derbyshire
Ellen Conquest	78	Mother		Crich, Derbyshire
George Conquest	28	Brother	Limestone Getter	Crich, Derbyshire

## Appendix D (i) - Census returns for Conquest Family (contd)

1861 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
Robert Conquest	30	Son-in-Law	Limestone Getter	Crich, Derbyshire
Elizabeth Conquest	30	Daughter		Sheffield, Yorkshire
Sarah Conquest	8	Grand daughter	Scholar	Crich, Derbyshire
Thomas Conquest	4	Grandson	Scholar	Crich, Derbyshire
Hannah Conquest	2	Grand daughter		Crich, Derbyshire
Mary Ann Conquest	1	Grand daughter		Crich, Derbyshire
Phyliss Wragg	20	Daughter	Servant	Sheffield, Yorkshire
1871 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
Thomas Conquest	51	Head, Married	Limestone Labourer	Pye Bridge, Derbyshire
Sarah Conquest	56	Wife		Crich, Derbyshire
James Amatt	24	Son-in-law	Limestone Quarryman	Crich, Derbyshire
Joseph Amatt	21	Son-in-law	Limestone Quarryman	Crich, Derbyshire
1871 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
Robert Conquest	42	Head, Married	Limestone Getter	Crich, Derbyshire
Elizabeth Conquest	30	Wife		Sheffield, Yorkshire
Thomas Conquest	15	Son	Limestone Getter	Crich, Derbyshire
Hannah Conquest	13	Daughter		Crich, Derbyshire
Mary Ann Conquest	12	Daughter	Nurse Child	Crich, Derbyshire
Eliza Conquest	8	Daughter		Crich, Derbyshire
Harriet Conquest	5	Daughter		Crich, Derbyshire
Henry Conquest	3	Son		Crich, Derbyshire
Susannah Conquest	1	Daughter		Crich, Derbyshire

## Appendix D (i) - Census returns for Conquest Family (contd)

1871 Census - Mill Green				
Name	Age	Relationship	Occupation	Place where born
George Conquest	38	Head, Married	Quarryman	Crich, Derbyshire
Mary Conquest	43	Wife		Matlock, Derbyshire
Lewis Conquest	7	Son		Crich, Derbyshire
Herbert Conquest	2	Son		Crich, Derbyshire
1881 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
Thomas Conquest	62	Head, Married	Pauper	Pye Bridge, Derbyshire
Sarah Conquest	65	Wife		Crich, Derbyshire
James Amatt	36	Son-in-law	Limestone Quarryman	Crich, Derbyshire
1881 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
Robert Conquest	52	Head, Married	Limestone Quarryman	Crich, Derbyshire
Elizabeth Conquest	45	Wife		Sheffield, Yorkshire
Eliza Conquest	18	Daughter	Cotton Trimmer	Crich, Derbyshire
Harriet Conquest	16	Daughter	Cotton Trimmer	Crich, Derbyshire
Susannah Conquest	11	Daughter	Scholar	Crich, Derbyshire
1881 Census - Crich				
Name	Age	Relationship	Occupation	Place where born
Thomas Conquest	25	Head, Married	General Labourer	Crich, Derbyshire
Elizabeth Conquest	25	Wife		Crich, Derbyshire
Hannah Eliza Conquest	5 m	Daughter		Crich, Derbyshire
1881 Census - Dimple Road				
Name	Age	Relationship	Occupation	Place where born
George Conquest	48	Head, Married	Limestone Quarryman	Crich, Derbyshire
Mary Conquest	53	Wife		Wensley, Derbyshire
Herbert Conquest	12	Son	Scholar	Crich, Derbyshire



## Appendix D (i) - Census returns for Conquest Family (contd)

<b>1891 Census - Hat Factory</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Robert Conquest	62	Head, Married	Quarry Labourer Stone	Crich, Derbyshire
Elizabeth Conquest	64	Wife	Housekeeper	Sheffield, Yorkshire
Eliza Conquest	28	Daughter	Mill Hand	Crich, Derbyshire
Susannah Conquest	21	Daughter	Mill Hand	Crich, Derbyshire
Annie Harrison	5	Grand Daughter	Scholar	Crich, Derbyshire
<b>1891 Census - Dimple</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Thomas Conquest	36	Head, Married	Quarryman	Crich, Derbyshire
Elizabeth Conquest	36	Wife		Crich, Derbyshire
Ann Eliza Conquest	10	Daughter	Scholar	Crich, Derbyshire
James R Conquest	8	Son	Scholar	Crich, Derbyshire
<b>1891 Census - Dimple</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
George Conquest	58	Head, Married	Quarry Labourer Stone	Crich, Derbyshire
Mary Ann Conquest	59	Wife		Stayston, Bedfordhire
<b>1901 Census - Hat Factory</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Robert Conquest	73	Head	General Labourer	Bullbridge, Derbyshire
Annie Harrison	15	Grand Daughter	Housekeeper	Fritchley, Derbyshire
<b>1901 Census - Dimple</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Thomas Conquest	43	Head, Married	Limestone Quarryman	Crich, Derbyshire
Elizabeth Conquest	43	Wife	Housekeeper	Crich, Derbyshire
Ann Eliza Conquest	20	Daughter		Crich, Derbyshire
James R Conquest	16	Son	Stone Mason Apprentice	Crich, Derbyshire

## Appendix D (i) - Census returns for Conquest Family (contd)

<b>1901 Census - Dimple</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
George Conquest	68	Head, Married	Limestone Quarry Labourer	Crich, Derbyshire
Mary Ann Conquest	67	Wife		Stayston, Bedfordshire
<b>1911 Census - Fritchley</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Thomas Conquest	56	Head, Married	Getting limestone	Crich, Derbyshire
Elizabeth Conquest	56	Wife		Crich, Derbyshire
Eliza Conquest	30	Daughter		Crich, Derbyshire

## Appendix D (ii) - Census returns for Wragg Family

1851 Census - Dimple Lane				
Name	Age	Relationship	Occupation	Place where born
Henry Wragg	49	Head, Married	Labourer at Stone Quarry	Leawood, Derbyshire
Sarah Wragg	53	Wife		Matlock, Derbyshire
Elizabeth Wragg	21	Daughter		Sheffield, Yorkshire
James Wragg	17	Son	Labourer at Stone Quarry	Sheffield, Yorkshire
Phyliss Wragg	13	Daughter		Sheffield, Yorkshire
1861 Census - Crich				
Name	Age	Relationship	Occupation	Place where born
James Wragg	26	Head, Married	Limestone Getter	Sheffield, Yorkshire
Mary Wragg	24	Wife		Crich, Derbyshire
James Wragg	10 m	Son	Limestone Getter	Crich, Derbyshire
1871 Census - Crich				
Name	Age	Relationship	Occupation	Place where born
James Wragg	37	Head, Married	Quarryman	Sheffield, Yorkshire
Mary Wragg	33	Wife	Seamer	Crich, Derbyshire
James Wragg	10	Son	Works in Quarry	Crich, Derbyshire
Ann Elizabeth Wragg	8	Daughter	Seamer	Crich, Derbyshire
Mary Wragg	7	Daughter	Seamer	Crich, Derbyshire
Harriet Wragg	5	Daughter		Crich, Derbyshire
Maliah	3	Daughter		Crich, Derbyshire
William Wragg	1	Son		Crich, Derbyshire
Alfred Wragg	2m	Son		Crich, Derbyshire

## Appendix D (ii) - Census returns for Wragg Family (contd)

1881 Census - Crich				
Name	Age	Relationship	Occupation	Place where born
James Wragg	48	Head, Married	Limestone Getter	Sheffield, Yorkshire
Mary Wragg	47	Wife		Crich, Derbyshire
James Wragg	19	Son	Limestone Getter	Crich, Derbyshire
Ann Eliza Wragg	17	Daughter	Factory Hand	Crich, Derbyshire
Mary Wragg	15	Daughter	Factory Hand	Crich, Derbyshire
Harriet Wragg	14	Daughter	Factory Hand	Crich, Derbyshire
Maliah Wragg	13	Daughter	Scholar	Crich, Derbyshire
William Wragg	11	Son	Scholar	Crich, Derbyshire
George Henry Wragg	4	Son	Scholar	Crich, Derbyshire
1891 Census - Crich				
Name	Age	Relationship	Occupation	Place where born
James Wragg	61	Head, Married	Limestone Quarryman	Sheffield, Yorkshire
Mary Wragg	54	Wife		Crich, Derbyshire
George Wragg	14	Son	Limestone Quarryman	Crich, Derbyshire
Frederick Wragg	5	Grandson		Crich, Derbyshire

## Appendix D (iii) - Census returns for Amatt family

<b>1841 Census - Hat Factory</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Samuel Amatt	45	Head, Married	Limestone Getter	Derbyshire
Elizabeth Amatt	50	Wife		Derbyshire
Sarah Amatt	25	Daughter		Derbyshire
George Amatt	24	Son	Labourer	Derbyshire
Isaac Amatt	19	Son	Labourer	Derbyshire
Hannah Amatt	17	Daughter		Derbyshire
Samuel Amatt	11	Son		Derbyshire
Henry Amatt	8	Son		Derbyshire
John Amatt	1	Grandson		Derbyshire
<b>1851 Census - Hat Factory</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Samuel Amatt	56	Head, Married	Quarryman Limestone	Crich, Derbyshire
Elizabeth Amatt	60	Wife		Winslow, Derbyshire
Henry Amatt	18	Son	Sawyer	Crich, Derbyshire
John Amatt	11	Grandson		Crich, Derbyshire
Thomas Curzon	8	Grandson		Crich, Derbyshire
<b>1851 Census - Hat Factory</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
George Amatt	34	Head,	Quarryman Limestone	Crich, Derbyshire
Samuel Amatt	20	Brother	Quarryman Limestone	Winslow, Derbyshire

## Appendix D (iii) - Census returns for Amatt family (contd)

1851 Census - Fritchley				
Name	Age	Relationship	Occupation	Place where born
Benjamin Thorpe	34	Head, Married	Frame Work Knitter	Hucknall Torkard, Nottinghamshire
Sarah Thorpe (nee Amatt)	36	Wife		Fritchley, Derbyshire
James Thorpe	4	Son	Scholar	Fritchley, Derbyshire
William Thorpe	2	Son	Scholar	Fritchley, Derbyshire
Joseph Thorpe	9 m	Son		Fritchley, Derbyshire
1861 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
Samuel Amatt	67	Head, Widower	Farmer of 11 acres	Crich, Derbyshire
Samuel Amatt	31	Son	Limestone Quarryman	Crich, Derbyshire
John Amatt	21	Grandson	Limestone Quarryman	Crich, Derbyshire
Thomas Curzon	18	Grandson	Limestone Quarryman	Crich, Derbyshire
James Amatt	14	Grandson	Limestone Quarryman	Crich, Derbyshire
1861 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
Isaac Amatt	39	Head, Married	Limestone Quarryman	Crich, Derbyshire
Louisa Amatt	36	Wife		Crich, Derbyshire
Elizabeth Amatt	14	Daughter	Cotton Framework Knitter	Crich, Derbyshire
Mary Amatt	2	Daughter		Crich, Derbyshire
1861 Census - Crich				
Name	Age	Relationship	Occupation	Place where born
George Amatt	44	Head, Married	Limestone Getter	Crich, Derbyshire
Sarah Amatt	43	Wife		Crich, Derbyshire
1871 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
George Amatt	54	Head, Married	Quarryman & Farmer of 11 acres	Crich, Derbyshire
Sarah Amatt	53	Wife		Crich, Derbyshire
Caroline Curzon	7	Grand Daughter	Cotton Framework Knitter	Crich, Derbyshire

## Appendix D (iii) - Census returns for Amatt family (contd)

1871 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
Isaac Amatt	49	Head, Married	Limestone Quarryman	Crich, Derbyshire
Louisa Amatt	46	Wife	Dressmaker	Crich, Derbyshire
Mary Louisa Amatt	12	Daughter	Twist Hand	Crich, Derbyshire
Mary Ann Harrison	15	Boarder		Belper, Derbyshire
1871 Census - Fritchley				
Name	Age	Relationship	Occupation	Place where born
William Jones	65	Head, Married	Bobbin Turner	Mansfield, Nottinghamshire
Elizabeth Jones	62	Wife	Seamstress	South Wingfield, Derbyshire
Samuel Amatt	39	Son-in-Law	Quarryman	Crich, Derbyshire
Sarah Amatt	37	Daughter	Framework Knitter	Crich, Derbyshire
Elizabeth Jones	12	Daughter		Crich, Derbyshire
1881 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
George Amatt	63	Head, Married	Quarryman & Farmer of 10 acres	Crich, Derbyshire
Sarah Amatt	62	Wife		Crich, Derbyshire
Caroline Curzon	17	Grand Daughter	Seamstress	Crich, Derbyshire
1881 Census - Hat Factory				
Name	Age	Relationship	Occupation	Place where born
Isaac Amatt	59	Head, Married	Limestone Quarryman	Crich, Derbyshire
Louisa Amatt	55	Wife		Crich, Derbyshire
Henry Redfern	29	Boarder	Labourer	Crich Derbyshire
Mary Ann Redfern	25	Wife		Belper, Derbyshire
Frederick W Redfern	9 m	Son		Crich, Derbyshire

For James Amatt and Joseph Amatt in 1871 see entry for Thomas Conquest (Appendix c (i)), living with their mother (Sarah Conquest, nee Amatt) who at this time has married Thomas Conquest.

### Appendix D (iii) - Census returns for Amatt family (contd)

<b>1881 Census - Fritchley</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
William Jones	75	Head, Married	Wood Turner	Mansfield, Nottinghamshire
Elizabeth Jones	72	Wife	Seamstress	South Wingfield, Derbyshire
Samuel Amatt	51	Son-in-Law	Quarryman	Crich, Derbyshire
Sarah Amatt	47	Daughter	Seamstress	Crich, Derbyshire
Elizabeth Jones	22	Granddaughter	Factory Hand	Crich, Derbyshire
Emma Jones	4	Granddaughter	Scholar	Crich, Derbyshire
<b>1891 Census - Hat Factory</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
George Amatt	75	Head, Married	Quarry Labourer	Crich, Derbyshire
Sarah Amatt	77	Wife		Crich, Derbyshire
<b>1891 Census - Fritchley</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Samuel Amatt	61	Head, Married	Foreman Quarryman	Crich, Derbyshire
Sarah Amatt	57	Wife	Seamstress	Fritchley, Derbyshire
Emma Jones	4	Niece	Scholar	Fritchley, Derbyshire
<b>1891 Census - Bullbridge</b>				
<b>Name</b>	<b>Age</b>	<b>Relationship</b>	<b>Occupation</b>	<b>Place where born</b>
Harry Redfern	38	Head, Married	General Labourer	Crich, Derbyshire
Mary A Redfern	36	Wife		Belper, Derbyshire
Frederick W Redfern	10	Son	Scholar	Crich, Derbyshire
Polly E Redfern	8	Daughter	Scholar	Crich, Derbyshire
Arthur Redfern	5	Son	Scholar	Crich, Derbyshire
Isaac Amatt	70	Lodger	General Labourer	Crich, Derbyshire



## Notes

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- <sup>1</sup> Derbyshire Record Office - D503/82/25 Butterley Company Roll of Honour 1914-1918
  - <sup>2</sup> Derbyshire Archaeological Journal Volume LXXXV 1965 – The Butterley Coal and Iron Works, 1792-1816
  - <sup>3</sup> Derbyshire Record Office – D503/31/5-9 and D503/40/1-3
  - <sup>4</sup> Derbyshire Record Office - D503/31/5 Butterley Company Private Journals E 1877-1883 Folio 428 & D503/29/7 Butterley Company Private Ledger G 1881-1883 Folio 129
  - <sup>5</sup> Derbyshire Record Office – D503/31/10 Butterley Company Private Journals J 1899-1904
  - <sup>6</sup> Derbyshire Record Office – D503/39/3-4 Butterley Company Salaries Ledger 192-1925
  - <sup>7</sup> Derbyshire Record Office – D503/14/2 Butterley Company Managing Directors Reports (Limeworks)
  - <sup>8</sup> Derby Daily Telegraph Monday 21 May 1894
  - <sup>9</sup> Derbyshire Record Office – D503/14/1 Butterley Company Managing Director’s Report (Limeworks) 1894
  - <sup>10</sup> Derby Daily Telegraph 07 June 1894
  - <sup>11</sup> Derbyshire Times and Chesterfield Herald 20 May 1899
  - <sup>12</sup> Derbyshire Record Office – Butterley Company Managing Director’s Reports (Limeworks) 1908
  - <sup>13</sup> Derbyshire Record office – D503/31/11 Butterley Company Private Journals
  - <sup>14</sup> Derbyshire Times and Chesterfield Herald 2 February 1901
  - <sup>15</sup> Derby Daily Telegraph – 27 September 1909
  - <sup>16</sup> Derby Mercury 1 July 1862
  - <sup>17</sup> Sheffield Independent 10 October 1868
  - <sup>18</sup> Derbyshire Times and Chesterfield Herald 18 April 1894
  - <sup>19</sup> Derbyshire Times and Chesterfield Herald 3 February 1894
  - <sup>20</sup> Derbyshire Record Office – D503/31/11 Butterley Company Private Journals
  - <sup>21</sup> Derbyshire Times and Chesterfield Herald 16 August 1902
  - <sup>22</sup> Derbyshire Times and Chesterfield Herald 28 March 1887
  - <sup>23</sup> Derbyshire Record Office – D1281/2/P1-2 Map of Crich by John Bromley 1839
  - <sup>24</sup> Derbyshire Record Office – D5974/3/1 Outram’s Letter Book 1795-1801