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CLWYD RECORD OFFICE

G.F. WYNNE MSS.

(Collection of papers deposited on loan by C.R. Wynne, Esq.,
273 Station Road, Ball Common, Coventry).

(Ref: DD/WN)

Clwyd Record Office
46, Clwyd Street
Ruthin
Clwyd

G.F. Wynne MSS.

This collection comprises the records of five companies with whom G.F. Wynne was associated - as secretary of the Minera Mining Company and United Minera Mining Company, and as manager of the Record Vanner and Slimer Company, the Minera Mines Gravel and Concrete Company and the Infallible Exposure Meter Company. In addition there are some personal papers.

George Frederick Wynne (1852-1933), born in Stafford, worked in Chester as a teacher and Manchester in engineering work before coming to Minera in 1878 as Assistant Secretary (soon after, Secretary) to the Minera Mining Company. Always fond of machinery and mechanics of all kinds, he soon became involved in designing automatic ore-dressing machinery to replace the almost obsolete existing plant. This work was a forerunner to his setting up the Record Vanner and Slimer Company, probably about 1915 (following the winding-up of the United Minera Mining Company). These vanners proved very successful with large sales to Cornwall and South Africa.

G.F. Wynne, as largest shareholder, acted as liquidator to the Minera Mining Company when it closed in 1897, and played a principal role in the formation of the United Minera Mining Company (formed out of the Minera Mining Company and the New Minera Mining Company, which was still working lead and blende at the east end of the Minera Mines). This company operated up to the final closure of the mines in 1914. G.F. Wynne again acted as liquidator. The waste heaps at the mine, the old smelting works buildings and all the rights still possessed by the mining company were sold to G.F. Wynne. As a result of this Wynne was able to start his Minera Mines Gravel and Concrete Company.

G.F. Wynne's inventive skills were also applied in the field of photography, and his exposure meter, patented in 1893, proved a considerable business success which was sustained for many years following the setting-up of the Infallible Exposure Meter Company.

The records from the Minera mining companies include registers of shareholders, accounts of royalties on lead ore and blende, and accounts of lead ore dressed and sampled, and explosives used. There are a number of patents in the Record Vanner and Slimer Company records and a large series of plans recording the design and development of G.F. Wynne's Record Vanner. The Minera Mines Gravel and Concrete Company records consist mainly of sales accounts together with leases granting rights to work the gravel deposits. An interesting group of specimen photographs (demonstrating the efficient use of Wynne's meter) appear in the Infallible Exposure Meter Company's papers, together with patents taken out between 1897 and 1903.

Among G.F. Wynne's personal papers are farm accounts and sale plans relating to his estate at Plas Gwyn, including a plan of his bungalow 'Kingsley', so named as a result of his boyhood acquaintance with Canon Charles Kingsley, author of 'Westward Ho!' and 'The Water Babies'.

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G.F. WYNNE MSS.

MINERA MINING CO.

Shareholders

1. Register of Shareholders, for year preceding 18 August 1865 (vol.).
2. Shareholders' address book, n.d. [19th c.] (vol.).
3. Copy share certificate (n.d.) of the Middle Eisteddfod Mine, Minera, belonging to Richard Edwards of Liverpool, and correspondence relating to the certificate (and Richard Edwards, one of the crew of the sailing ship Loch Laggan which was lost in 1874), 1950 (4 items).

Accounts

4. Quarterly statements of accounts, 1855-75 (printed) (vol.).
5. Royalty account on lead ore, 1860-80 (vol.).
- 6-7. Monthly account of lead ore dressed:
 6. 1862-70 (vol.).
 7. 1870-8 (vol.).
8. Monthly account of blende dressed, 1862-74 (vol.).
9. Lead and blende sampling account, 1881-6 (vol.).

Explosives

10. 'Abstracts from stores and stoppages' (monthly accounts of explosives, etc. used, work carried out and machinery), 1864-79; and explosives account, 1880-1949 (vol.).
11. Plans, elevations and sections of the Minera Mining Co. powder and dynamite magazine, 1879 (2 items).
12. Sales of gelatine, dynamite account, 1886-1926 (vol.).

UNITED MINERA MINING COMPANY

Leases

13. Lease 28 December 1898
- (i) Sampson Michell of Minera, parish of Wrexham, co. Denbigh, mining agent.
- (ii) The United Minera Company Limited.
Mines, deposits of lead, lead ore, blende, calamine and other minerals (named) and lands in township of Esclusham, parish of Wrexham, co. Denbigh, (plan) with powers to work said mines and minerals.
Covenants regarding washing and dressing of ore, and other working practices, payment for coal raised and royalties.
Term: 21 years.
Rent: £25 yearly with surface and other rents, royalties (specified).
14. Lease 31 December 1898
- (i) Frederick Thomas Green of 39 Charlotte Road, Edgbaston, co. Warwick, esq., and Henry John Birch, of Chester, gent.
- (ii) Godfrey Fitz Hugh of Christchurch, University of Oxford, esq.
- (iii) The United Minera Mining Company Limited.
(i) leases to (iii) certain mines, deposits of lead, lead ore, blende, calamine and other minerals (named) and lands in township of Minera, co. Denbigh, with powers to enter said lands and work mines and minerals.
Covenants regarding washing and dressing of ore, and other working practices, damage to lands and crops, and payments of royalties. Schedule of lands and plan annexed.
Term: 21 years.
Rent: 5s. yearly for certain lands (specified) and £50 yearly for other lands (specified) and royalties (specified).
15. Lease 4 March 1899
- (i) William Brown of Chester, esq., and others (named) trustees of the Chester Municipal Charities.
- (ii) The United Minera Mining Company Limited.
Mines, deposits of lead, lead ore, blend, calamine and other minerals with related parcels of land (specified) in township of Minera with power to work said mines and minerals and appropriate water within the said lands. Schedule and plan annexed.
Term: 21 years.
Rent: 5s. yearly surface rent for lands (specified). £50 per acre for specified lands worked and royalties (specified).

- (i) Alfred Davies Thomas of 11 Parsifal Road, West Hampstead, co. Middlesex, gent., and Emily Jane Thomas of same place, spinster.
- (ii) The United Minera Mining Company Limited.
Parcel of land upon which the above Company's Branch Railway has been constructed in township of Minera, co. Denbigh, with mines and deposits of lead, lead ore, blende, calamine and other deposits obtained from parcels of land in townships of Minera and Esclusham, co. Denbigh, with powers to enter said lands and work mines and minerals. Covenants as in 14.
Term: 21 years.
Rent: 2s. 6d. yearly (surface rent further specified).
£50 yearly for certain land (specified) and royalties (specified).

Agendas, Minutes

17. Agendas for Directors' Meetings, 1897-15 (vol.).
18. Minutes, 1903-11 (vol.).

Shareholders

19. Register of members, transfers and share ledger, 1897-1915 (vol.).

Accounts

20. Accounts passed at Directors' Meetings, 1897-1915 (vol.).
21. Surface day work book, 1905-15. Also contains wages and day work accounts of the Minera Mines Gravel and Concrete Co., 1915-25 (vol.).
22. Sundry payments account, 1907-15. Also contains wages account of the Minera Mines Gravel and Concrete Co., 1925-31 (vol.).
23. Blende sampling account, 1910-15. Also contains gravel orders, 1924-5 (vol.).
24. Account for sales of spar gravel, 1910-37 (vol.).
25. Royalty (4-weekly) account on lead ore and blende, 1911-14 (vol.).
26. Washers' pay book, 1911-15 (vol.).
27. Monthly cash account, 1913-1915. Also contains expenditure and revenue account of the Minera Mines Gravel and Concrete Co., 1916-22 (vol.).

28. General accounts journal, 1913-16. Also contains wages account of the Minera Mines Gravel and Concrete Co., 1931-9 (vol.).
29. Capital expenditure and general accounts ('Ledger A'), 1914-15 (vol.).
30. Index of persons and firms to 'ledger B', n.d. [ledger printed 1913].
31. Bank book, 1914-16 (vol.).
32. Time book, ? 1914-38.

Machinery

33. Patents (British and American) granted to G.F. Wynne for rock drills and other mining machinery, 1881-1901 (6 items).
34. Plans of rock drill and related machinery, 1883-6 (bdle.).

Plans

35. Plan of workings of Minera Mine and New Minera Mine, n.d. [19th c.].
36. Stratigraphical section of Burton's Shaft, Minera Mine, n.d. [19th c.].
37. Draft (tracing) of part of Minera Mine. Shows position of Graig and Lloyd's Shafts, n.d [20th c.].
- 38-43. Var. 6-inch and 25-inch maps of Minera area, 1871-1912 (8 items).
44. Index to 25-inch O.S. maps of parts of Denbighshire, Merionethshire and Montgomeryshire, 1902.
45. Geological survey plans (incl. 6-inch O.S. Geol. sheet 121 Drift and Solid), 1910 (4 items).

Miscellaneous

46. Photograph of the interior of the Minera Mines Co. office, c. 1900.
47. List of materials purchased [by G.F. Wynne] by public auction at the Minera Mines, 26-27 November 1914. Sale catalogue of mining plant appended (2 items).

RECORD VANNER & SLIMER CO.

Registration

48. Certificate of registration of business name, 'The Record Vanner & Slimer Company', 1917.

Brochure

49. Sales brochure for Record Vanner, c. 1930. (bdle.).

Accounts

50. Orders and general accounts, 1915-50 (vol.).
51. Annual statements of trade account, 1915-21, 1924-29 (bdle.).
52. General Accounts, 1916-50 (vol.).
53. Bank book, 1917-30 (vol.).

Patents

54. Patents (British and German) granted to G.F. Wynne (and J.S. Borlase) for machinery for separation, concentration and dressing of ores (incl. earlier American patents granted to others for similar machinery), 1898-1913 (bdle.).

Plans

Record Vanner and other ore-dressing machinery:

- 55-75. Plans, 1897-1950 (21 bdles.).
- 76-91. Draft and sketch plans, 1905-11 (16 bdles.).

MINERA MINES GRAVEL & CONCRETE CO.

Leases

92. Lease 19 July 1915
- (i) Godfrey Fitz Hugh of Plas Power, co. Denbigh, esq.
(ii) George Frederick Wynne of Plasgwyn, Minera, co. Denbigh, gent.
- Right to sell and dispose of gravel upon land at Minera, co. Denbigh, and right to wash and extract all lead ore and blende from accumulations of sand and slimes upon land delineated in plan annexed.
- Consideration: Royalty of 4p. for every ton of gravel sold and one twentieth of price of lead ore and blende sold.
- Term: 10 years.
Rent: £20 yearly.
93. Lease 22 September 1925
- (i) Trustees (named) of will of T. Fitzhugh, esq., dec'd.
(ii) George Frederick Wynne of Plas Gwyn, Minera, gent.

Right to sell and dispose of gravel and spar upon land at Minera and right to wash and extract lead ore and blende as in 92. Plan annexed.

Consideration: Royalty of ls. for every ton of gravel or spar sold and one twentieth of price of lead ore and blende sold.

Term: 1 year.

Rent: £40 yearly.

Registration

94. Certificate of registration of business name, The Minera Mines Gravel & Concrete Company, 1917, 1930 (2 items).

Accounts

95. Analysis and list of sundry payments from general cash account, 1915-24 (vol.).

- 96-98. Monthly statements of accounts:

96. 1915-29 (vol.).

97. 1929-42 (vol.).

98. 1943-50 (vol.).

- 99-100. Cash accounts:

99. 1915-27 (vol.).

99a. 1928-38 (vol.).

100. 1939-50 (vol.).

101. Annual statements of trade account, 1916-29 (bdle.).

102. Bank book, 1920-30 (vol.).

- 103-109. Particulars of orders and monthly statements of accounts:

103. 1920-3 (vol.).

104. 1924-6 (vol.).

105. 1927-9 (vol.).

106. 1930-2 (vol.).

107. 1933-5 (vol.).

107a. 1936-8 (vol.).

108. 1939-45 (vol.).

109. 1945-50 (vol.).

- 110-111. General accounts:

110. 1924-40 (vol.).

111. 1940-50 (vol.).

112. Truck deliveries of rubble, 1928-41 (vol.).

113. Gravel orders, 1938-48 (vol.).

- 114. Sales account, 1938-56 (vol.).
- 115. Wages account, 1939-50 (entered in vol. which originally contained underground time account of the Minera Mining Co. Ltd., to 1892) (vol.).
- 116. Annual statements of accounts, 1949-56 (bdle.).

Miscellaneous

- 117. Letter referring to endorsement by Home Office of transferred ownership of the Magazine for Explosives, Wrexham, to the Minera Mines Gravel and Concrete Company, 1915.
- 118. Inspector's reports of examination of steam boiler at Minera, 1920-3 (bdle.).
- 119. Notice by the Wrexham and East Denbighshire Water Company concerning purchase of land in Wrexham owned by the Minera Mines Gravel and Concrete Co. Ltd. Plan and schedule annexed, 1921 (2 copies).
- 120. Copy agreement between Minera Mines Gravel and Concrete Co. and the Gravel and Concreting Materials Co. Ltd. regarding supplies of gravel, 1926 (2 items).
- 121. Police notice of reward for information regarding trespass or damage to property of the Minera Mines Gravel and Concrete Company. n.d. [20th c.] (2 copies).
- 122. The Geology of the Country around Wrexham, Part I by C.B. Webb, B. Smith and L.J. Wills. H.M.S.O., 1927.

INFALLIBLE EXPOSURE METER CO.

Registration

- 123-4. Certificates of registration of business name 'The Infallible Exposure Meter Company', 1917, 1930 (2 items).

Accounts

- 125-127. Particulars of orders and monthly statements of accounts:

- 125. 1912-20 (vol.).
- 126. 1920-30 (vol.).
- 127. 1931-50 (vol.).

- 128-129. Cash account:

- 128. 1915-23 (vol.).
- 129. 1929-50 (vol.).

- 130. Annual statements of trade account, 1916-28 (bdle.).

131-132. General accounts:

- 131. 1916-36 (vol.).
- 132. 1936-50 (vol.).

133-134. Bank books:

- 133. 1917-27 (vol.).
- 134. 1928-9 (vol.).

135. Sales account, 1919-36 (vol.).

136. Monthly statements of accounts, 1920-50 (vol.).

Patents, Certificates of Copyright

137. Various patents (including G.F. Wynne's Actinometer, 1897), 1861-97 (printed) (vol.).

138. Patents (British and American) for photographic equipment invented by G.F. Wynne, 1893-1903 (5 items).

139. Certified copy of entry in Book of Registry of Copyrights of Infallible Exposure Meter, 1909 (3 items).

140. Certificate of copyright of camera plate speeds for use with Infallible Exposure Meter, 1912. (2 items).

Photographs

141. Specimen photograph by Barnet Bromide enlargement and exposure using Wynne's exposure meter, 1900.

142. Specimen photographs taken by G.F. Wynne, 1904-11 (4 items).

143. Photographs by the 'Mezzogravette' hand-printed process of ? G.F. Wynne, n.d. [early 20th c.] (5 items).

Miscellaneous

144. Explanatory leaflets and booklets on the Infallible Exposure Meter, n.d. [20th c.] (bdle.).

145. Display board demonstrating use of Wynne's Infallible Exposure Meter, n.d. [20th c.].

146. Notes on washing and draining negatives and prints, n.d. [20th c.].

147. Miscellaneous plans of exposure meter and other photographic devices, n.d. [20th c.] (bdle.).

148. Addresses of photographic dealers, n.d [20th c.] (vol.).

PERSONAL PAPERS

Autobiography

149. Autobiography (typescript) of George Frederick Wynne of Plas Gwyn, Minera, J.P., 1932 (vol.).

Accounts

150. Petty cash account, 1878-84 (vol.).
151. Farm day book, 1886-1893. Also contains account of rock drills supplied to various mining companies, 1894-5 (vol.).
152. Petty cash account, 1887-91 (vol.).
153. Petty cash account, 1889-96. Contains, at back of vol. rent account for houses at Catherine Street, Chester, owned by G.F. Wynne, and account of rents for property in Chester received by J.H. Wynne of Tarvin Road, Chester, shoe manufacturer, 1892-6 (vol.).
154. Private cash account, 1898-1906 (incl. account for vanner and slimer, December 1906) (vol.).
155. Analysis of cash account, 1907-16 (vol.).
156. Invoice book, 1914-16 (vol.).
157. Private cash book (incl. entries of wages paid for working vanmer and gravel), 1917-20 (vol.).
158. Farm account, 1917-23 (vol.).
- 159-60. Private cash account:
159. 1920-7 (vol.).
160. 1927-33 (vol.).

Sale Particulars

161. Sale particulars and plans of Cwtoia Farm, Pantywyll Farm, Ty Brith Farm, Tan y Graig Farm, Pen y Graig, Farm and Bryn Heulog Farm all at Minera, dwelling house called Plas y Coed at Esclusham, Smelt Cottages, beerhouse called the Five Crosses with the Old Chapel nr. Minera, cottages at New Bridge, the Coed y Felin estate at Brymbo, and lands at Marton, co. Salop, 28 August 1911 (3 copies).
162. Sale plan and particulars of Plas Gwyn Estate, Minera, 8 June 1914.

163. Sale plans and particulars of the Minera Estate, nr. Wrexham, and Deio Isaf Farm, Brynellyls, nr. Corwen, 18 November 1918 (2 copies).
164. Sale plans and particulars of farms and small holdings including Penypalmanant, nr. Coedpoeth Station, Pink Farm, Minera, Tan y Rhiw, nr. Frondeg, Minera Mill Cottages, and Newbridge Cottages, and lands nr. Coedpoeth Station, 19 July 1920.

Family Photographs

165. Album of family photographs taken by G.F. Wynne, incl. Plas Ucha, World's End, Minera Church (interior and exterior), Minera Vicarage and River Dee at Erbistock Ferry, 1890-1 (vol.).
166. Photographs of rooms in Pendine, Wrexham, residence of Mr. & Mrs. Pen Dennis, 1903 (2 items).
167. Photograph of Mill on River Alyn at Rossett, 1906.
168. Photograph of entrance to World's End, near Llangollen, 1908.
169. Photograph of Plas Ucha, World's End, near Llangollen, 1909.
170. Family photographs of G.F. Wynne (incl. photograph of the late Mrs. Margaret Wynne, mother of G.F. Wynne, enlarged from a Daguerro type taken in 1844) c 1910 (7 items).

Freemasonry

- 171-172. Masonic awards to G.F. Wynne, 1921, 1927 (2 items).

Plans

173. Plans of various properties belonging to G.F. Wynne (incl. 'Kingsley', Minera), 1906-9 (bdle.).
174. Detail of Wynne's Patent Chimney Pot, 1911.
175. Plan (tracing) of land in Minera belonging to Chester Charity Trustees, n.d. [early 20th c.].
176. Plan of land near Plas Gwyn, parish of Minera, for proposed War Memorial, 1925.

Miscellaneous

177. Engraving (of 1819) of John Evans who was buried for 12 days in Pentre Fron pit at Minera in 1819, with article from the Wrexham Leader about this event. Received from Mrs. Albert Wynne, 30 November 1949.

178. The Red Book of Commerce or Who's Who in Business, 1919.
179. Sale brochures and correspondence relating to motor vehicles, 1922 (bdle.).
180. Brochure of Ruthin Castle (Duff House), private hospital. Detailed plan appended, 1924.
181. Copy pedigree of Hinks family of Chester (extracted from Royal College of Arms, London by Geo. Harrison, Windsor Herald, 3 May 1875) n.d. [20th c.].
182. Misc. plans, incl. detail of brass tablet in memory of Sarah, wife of Rev. R. Theo. Jones, vicar of Minera, n.d. [20th c.] (bdle.).

NOV 1985

CLWYD RECORD OFFICE

G.F. WYNNE MSS. (ADDNL.)

Ref: DD/WN

Collection of additional papers deposited on loan by C.R.Wynne, Esq.,
Fellstones, 6 Smithy How, Casterton, Carnforth, Lancs. LA6 2RX.

A.N. 1246

Clwyd Record Office
46 Clwyd Street
Ruthin
Clwyd

4 April 1985

G.F. WYNNE MSS.

Note

These papers are additional to those deposited by C.R.Wynne in February 1978 (AN.507). The numbering follows on from that of the earlier deposit.

No copying, photography or other form of reproduction of plans numbered 270-343 shall be carried out without the permission of the depositor.

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G.F. WYNNE MSS.

MINERA MINING CO.

Leases and Agreements

Mining:

- DD/WN/183 Lease 1 August 1850
- (i) Richard Ledsham Hastings of Chester, surgeon, and Mary Poole Hastings of Chester, spinster.
- (ii) Robert Roy of Brymbo Hall, co. Denbigh, esq., Alexander Reid of Llantisilio Hall, co. Denbigh, esq., and Walter Charles Venning of Tokenhouse Yard, London, esq.
- Mines, veins, etc. of lead ore (to make lead of Lapis Calaminaris and Black Jack), coal, canal coals, copper and other minerals under lands (about 18a.) of (i) in Minera township, Wrexham.
- Plan, endorsed.
- Term: 3 years
- Rent: double the surface rent of said lands, and royalties (specified).
- Endorsed: deed extending term to 6 years, and changing yearly rent to a fixed sum of £50, 27 January 1855.
- 184 Bond in £500 10 February 1851
- (i) John Mayliam, contractor, William Watson, contractor, and James Wanstall, brewer, all of Potter's Barr, co. Middlesex.
- (ii) Robert Roy of Brymbo Hall, co. Denbigh, esq., Alexander Reid of Llantisilio Hall, co. Denbigh, esq., Alexander Mackintosh of Gresford, co. Denbigh, civil engineer, John Royle of Chester, builder, and George Meakin of Plaskynaston, Ruabon co. Denbigh, railway contractor.
- For due performance of contract for driving day level tunnel or heading, 650 yds in length (delineated in drawing, endorsed) at Minera Mines.
- 185 Lease 24 October 1851
- (i) William Brown of Chester, esq., Thomas Dixon of Liddleton, co. Chester, esq., Sir Edward Samuel Walker of Chester, knight, Henry Kelsall of Chester, esq., Samuel Witter of Chester, esq., William Wardell of Chester, esq., George Harrison of Chester, esq., John Hassall of Lowndes Square, co. Middlesex, esq., George Allender of Liverpool, co. Lancs., esq.,

DD/WN

Richard Barker of Chester, esq., Charles Potts of Chester, esq., and Ellis Jones of Chester, esq., trustees of Owen Jones Charity.

- (ii) Robert Roy of Brymbo Hall, co. Denbigh, esq., Alexander Reid of Llantisilio Hall, co. Denbigh, esq., and Walter Charles Venning of Token House Yard, London, esq.

Mines, veins, etc. of lead ore (to make Lapis Calaminaris and Black Jack), coal, cannel coals, and copper, but no other minerals, at Minera.

Plan and schedule of lands, annexed.

Term: 21 years

Rent: £1-5s. per acre of land occupied, and royalties (specified).

186 Lease 12 November 1851

- (i) Thomas Fitzhugh of Plas Power, co. Denbigh, esq.
- (ii) Robert Roy of Brymbo Hall, co. Denbigh, esq., Alexander Reid of Llantisilio Hall, co. Denbigh, esq., and Walter Charles Venning of Tokenhouse Yard, London, esq.

Mines and veins of lead ore (to make lead of Lapis Calaminaris and Black Jack) coal, canal coals, copper and other minerals under lands (about 69a.) of (i) in Minera township, Wrexham.

Plan and schedule of lands, annexed.

Term: 30 years.

Rent: £2 - 10s. per surface acre of land occupied and royalties (specified).

187 Agreement and Licence 24 December 1852

- (i) Thomas Murray Gladstone of Belfast, esq., and William Overton of Wrexham, co. Denbigh, ironmonger.
- (ii) Alexander Reid of Llantisilio Hall, co. Denbigh, esq., Robert Roy of Brymbo Hall, co. Denbigh, esq., and Walter Charles Venning of Tokenhouse Yard, London, esq.

Authorization to search for lead ore, lapis calamine, Black Jack, coal, cannel coal, copper, and other minerals under lands belonging to Tay y Graig tenement at Minera for term of 20 years. Rent/royalty: proportion (specified) of minerals raised.

188 Agreement and Licence 1 January 1853

- (i) Matilda Price of Boughton, co. Chester, widow.
- (ii) Alexander Reid of Llantisilio Hall, co. Denbigh, esq., Robert Roy of Brymbo Hall, co. Denbigh, esq., and Walter Charles Venning of Tokenhouse Yard, London, esq.

Authorization to search for lead ore, lapis calamine, Black Jack, coal, cannel coal, copper, and minerals under lands belonging to Tan y Graig tenement at Minera for term of 20 years. Rent/royalties: proportion (specified) of minerals raised.

29 October 1856

- (i) Charles Blayney Trefor Roper of Plas Têg, co. Flint, esq., and Charles James Trevor Roper, his eldest son and heir at law, esq.
- (ii) Robert Roy and John Royle both of Chester, gentn., Alexander Reid of Llandysilio, co. Denbigh, gent., Thomas Edgworth of Wrexham, co. Denbigh, gent., and John Taylor, junior, of No. 6 Queen Street Place, Upper Thomas Street, London, gent.

Agreement by (ii) to pay (i) annual rent of £50 in consideration of lease by (i) in conjunction with other mineral owners, of mines and veins of lead ore, Black Jack and copper under lands in Minera and Esclusham Above townships.

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Lease

29 October 1856

- (i) Rev. James Sydney Darvell of Carnforth Lodge, Hammersmith, co. Middlesex, clerk, and Grace Trevor Charlotte his wife, Rev. Fletcher Fleming of Ray Rigg Hall, co. Westmoreland, clerk, and Catherine Emily his wife, Elizabeth Mary Griffith of Trevallyn Hall, co. Denbigh, widow, William Trevor Parkins of The Temple, co. Middlesex, esq., Rt. Hon. Thomas Trevor Baron Dacre of Hoo, co. Herts., Charles Blayney Trevor Roper of Plas Têg, co. Flint, esq., and Charles James Trevor Roper of Plas Têg, esq.
- (ii) Robert Roy and John Royle both of Chester, gent., Alexander Reid of Llandysilio, co. Denbigh, gent., Thomas Edgworth of Wrexham, co. Denbigh, gent., John Taylor, junior, of Queen Street Place, Upper Thomas Street, co. Middlesex, gent.

Mines, veins, etc. of lead ore, caulk, calamine, Black Jack, booze, smythom and other minerals under lands (about 221a) of Charles Blayney Trevor Roper and Charles James Trevor Roper in Minera and Esclusham townships, co. Denbigh.
Plan, endorsed.

Term: 21 years

Rent: £50, and royalties (specified).

191

Lease

30 June 1859

- (i) Richard Ledsham Hastings of Chester, surgeon and Mary Poole Hastings of Chester, spinster.
- (ii) The Minera Mining Company Ltd.

Mines, veins, etc. of lead ore (to make lead of calamine, and blende), coal, copper, and other minerals under lands of (i) in Minera township, Wrexham.

Plan, annexed.

Term: 29 years.

Rent: double surface rent per acre, and royalties (specified).

- (i) Robert Roy of Brymbo Hall, co. Denbigh, esq., Alexander Reid of Llantysilio Hall, co. Denbigh, esq., and Walter Charles Venning of Tokenhouse Yard, London, gent.
- (ii) The Minera Mining Company Ltd.
- (iii) Rev. Robert Davies Thomas of Heywood Lodge, nr. Chester, clerk.

Leasehold estate and interest in lease (item 183) of mines and minerals at Minera to (iii).

193

Deed of Covenants

26 September 1860

- (i) Rev. Robert Davies Thomas of Heywood Lodge, parish of St. Oswald, Chester, clerk.
- (ii) Robert Roy of Brymbo Hall, co. Denbigh, esq., Alexander Reid of Llantysilio Hall, co. Denbigh, esq., and Walter Charles Venning of Tokenhouse Yard, esq.

Deed to accompany Lease (item 183) of mines and minerals, authorising (ii) to reimburse themselves, a sum of £1217 from certain rents and royalties reserved by said lease.

194

Surrender (duplicate)

30 April 1863

- (i) Robert Roy, late of Brymbo Hall, co. Denbigh, now of Chester, esq., Alexander Reid of Llantysilio Hall, co. Denbigh, esq., and Walter Charles Venning of Tokenhouse Yard, London, esq.
- (ii) Robert Roy, Alexander Reid and Alexander Mackintosh late of Gresford, co. Denbigh, now of Upton Park, nr. Slough, Bucks, civil engineer, and George Meakin, late of Plaskynaston, co. Denbigh, now of The Elms, Chester, contractor.
- (iii) The Minera Mining Company Ltd.
- (iv) Richard Venables Kyrke the younger, late of Pendwlllyn, now of Stansty Lodge, co. Denbigh, esq.

2 leases (7 August 1850, 30 April 1851) of mines and minerals at Minera to (iv).

Consideration: £300.

195

Lease

1 May 1863

- (i) Richard Venables Kyrke the younger of Stansty Lodge, nr. Wrexham, co. Denbigh, esq.
- (ii) The Minera Mining Company Ltd.

Mines, veins, etc. of lead ore (to make lead of Lapis Calaminaris and Black Jack), coal, cannel coals, copper and other minerals under lands of (i) in Minera township, Wrexham.

Plan and schedule of lands, endorsed.

Term: 31 years.

Rent: royalties (specified).

- DD/WN/196 Contract of Messrs. Vivian & Sons, Smelters (Swansea) with Minera Mining Co. for purchase of blende, 6 October 1892, and memoranda of agreement to adjust price for blende in 1893, and in 1895 (Company in liquidation) (4 items).
- 197 Notice to quit (issued by John Robert Burton of Minera Hall, co. Denbigh, esq. to The United Minera Mining Co. Ltd.) possession by 31 December 1893, of adit running from latter's mine through J.R. Burton's property in Minera township, Wrexham, known as Cae Hova, and wayleave relating, 29 December 1892.

Property:

- 198 Lease 1 January 1851
- (i) John Burton of Minera Hall, co. Denbigh, esq.
(ii) Robert Roy of Brymbo Hall, co. Denbigh, esq., Alexander Reid of Llantisilio Hall, co. Denbigh, esq., Alexander Mackintosh of Gresford, co. Denbigh, civil engineer, George Meakin of Plaskynaston, Ruabon, co. Denbigh, contractor, and John Royle of Chester, builder (directors of the Minera Mining Company).
- Water corn mill with messuage, stables, mill pool, mill race, etc. at Minera called Minera Mill.
Subscribed, inventory of contents in house and mill.
Term: 21 years
Rent: £70
- 199 Lease 2 May 1863
- (i) Richard Venables Kyrke the younger of Stansty Lodge, nr. Wrexham, co. Denbigh, esq.
(ii) The Minera Mining Company Ltd.
Lands (about 13a), several buildings incl. manager's house, Day Level and other plant, in Minera township, co. Denbigh.
Plan and schedule of lands, endorsed.
Term: 31 years
Rent: £25
- 200 Lease 17 January 1874
- (i) William Jones of Rhanberfedd House, Hope, co. Flint, gent., and William Fitzer Jones of same place, gent.
(ii) The Minera Mining Company Ltd.
Messuage called Plas gwyn and lands adjoining.
Plan and schedule, endorsed.
Term: 7 years
Rent: £50 (first payment 29 September 1872).

Reports

- DD/WN/201 Annual reports, minutes, and statement of accounts from 1851 (incl. report to lessors of minerals, 1884), 1849-79 (1 vol).
- 202 Report by John Taylor Junr. and Henry E. Taylor (London) on proposed new dressing operations to be carried out by Minera Mining Co. Ltd. on waste heaps at Minera 1872.

Legal

- 203 Case for opinion of counsel respecting reservations and covenants contained in lease (31 May 1849) to the Minera Mining Company Ltd. 1876.
- 204 Declaration of Sampson Michell of Minera, agent and mineral surveyor of the Trustees of the Municipal Charities of Chester in respect of their estate at Booth and Park Farm, Minera, being part of the endowments of the Owen Jones Charity. Plan annexed. 1891.

UNITED MINERA MINING CO.

Incorporation

- 205 Certificate of incorporation. 1897.
- 206 Memorandum and articles of association. 1897.

Leases and Agreements

Mining:

- 207 Agreement (Copy) 17 December 1897
- (i) William Graham Vivian, Arthur Pendarris Vivian, Richard Glynn Vivian, and Hon. John Aubrey Vivian, trading as Vivian & Sons, smelters, Swansea, Elizabeth Amy Dillwyn and John Corfield, trading as Dillwyn and Company, smelters, Swansea, The Swansea Vale Spelter Company Ltd., and The Villiers Spelter Company Ltd.
- (ii) The United Minera Mining Company Ltd.
Agreement by (i) to purchase whole output of blende from (ii)'s mines for term of 10 years according to a scale of payments (specified), and to subscribe for shares (specified) in capital of (ii).

Draft deed supplemental to lease

- (i) John Robert Burton of Minera Hall, co. Denbigh, esq.
(ii) The United Minera Mining Company Ltd.
Supplemental to lease of 17 December 1897 (from (i) to (ii) of mines and veins of lead, silver, calamine, blende, coal, etc. at Minera for term of 34 years) amending provision for (i) to enter, carry away and dispose of spar gravel, payment for occupation of lands now let for agricultural purposes, royalty for spar gravel, etc.

- 209 Memorandum of terms of letting by R.H.V. Kyrke, esq. to The United Minera Mining Co. Ltd. 27 January 1908.

Property

- 210 Lease 5 November 1898
- (i) William Fitz-Err Jones of Sea View, Prestatyn, co. Flint, gent.
(ii) United Minera Mining Company Ltd. of Minera, nr. Wrexham.
Message called Plasgwyn, and lands (6a.) adjoining in Minera township, [Wrexham].
Term: 14 years.
Rent: £45
Note: property delineated on plan endorsed on lease of 25 March 1879.
Appended notice by William Jones of the Quinta, Overton, co. Flint and John Jones of Grove Lodge, Wrexham to (ii) regarding repayments to them as mortgagees of above property, 1902.
- 211 Fire insurance policies for Plas Gwyn and outbuildings, and offices, workshops, etc. of United Minera Mining Co. Ltd. 1899, and 1905 (2 items).
- 212 Certificate from John Harrison, builder and contractor, Coedpoeth, as to completion of repairs to Mr. Kyrke's property (Minera House & cottages) Pentre Minera. 1915.

Report

- 213 Copy report, and plan, by G.F. Wynne for F. Storr, esq., Wrexham Water Works Co. Ltd. on level in mine (? at Minera). 1914 (2 items).

Shareholders

- 214 List (alphabetical) of shareholders (name, address, occupation, number of shares). c 1900.

Accounts and Financial Papers

Accounts:

- DD/WN/215 Accounts of rents, royalties, and wayleave to trustees of the late J.R. Burton, esq. on lead ore, blende, and gravel, 1900-2, and sale of spar gravel from lands of Mrs. Ellen Burton, 1903 (1 bdle).
- 216 Six monthly statements, and summaries of royalties (and wayleave) on lead ore, blende and spar gravel. 1907-10 (1 bdle).
- 217 Particulars of ore sampled for month ending 6 September 1913, and of ore overestimated to tributers. c. 1913.
- 218 UMMC voucher for payment of wages. 1915.
- 219 Ledger containing: lists of shipping shares bought and sold, analysis of ship accounts, sundry dividends, interest, and receipts. 1919-31.

Financial:

- 220 Share certificates. 1899-1910 (1 vol.).
- 221 Schedules of property and land mortgaged to G.F. Wynne, property and land owned by G.F. Wynne, mining and other shares. 1899-1921 (1 file).
- 222 Certificate of registration of debentures for securing sums amount to £4188. 1902.
- 223-4 Debentures issued by The United Minera Mining Co. Ltd., 1902 and 1908 (1 bdle).

Legal

- 225-6 Kryke v. The United Minera Mining Co. Ltd.: statement of claim by Richard Henry Venables Kyrke and defence by the company respecting dispute over terms of mineral lease. 1903 (2 items).

Machinery

- 227-8 Inventory of plant and machinery at The Minera Mines at 'break-up' prices, 1907, and 1910* (2 items).
*altered in pencil to 1913.

Photograph

- 229 Underground waterfall at the Park Mines, Minera (photograph by G.D. O'Gowan). n.d. (20th c.).

RECORD VANNER & SLIMER CO.

Accounts

DD/WN/230 Orders and general accounts. 1904-50 (1 vol).

MINERA MINES GRAVEL & CONCRETE CO.

- 231 Agreement 10 July 1929
- (i) Great Western Railway Company per Elias Ford, chief goods manager and agent.
- (ii) George Frederick Meredith Wynne, trading at Minera, co. Denbigh as Minera Mines Gravel and Concrete Company.
- As to siding accommodation nr. Coed Poeth Station on Great Western Railway to be completed by (i) with contribution by (ii) of £150.
- Appended, plans 1924, and 1927.

INFALLIBLE EXPOSURE METER CO.

Exposure Meter

- 232 Copy letter of thanks from the Princess of Wales per Major General Aled C. Clarke (Marlborough House, Pall Mall SW) to G.F. Wynne for gift of silver exposure meter 1894 (original letter deposited with the Royal Photographic Society, The Octagon, Bath).

Photographs

- 233 View of woodland at Glen Kerry, Gairloch (photographic data given, incl. exposure setting using Wynne's exposure meter). 1900.
- 234-41 Specimen photographs taken by G.F. Wynne.
- 234 'Light at Eventide' (photograph of an old Welsh woman, Sally Challoner, aged 82 who lived for many years on Minera Mountain) (Platinotype). 1903.
- 235 'The Morning of Life' (young boy standing up in his cot). 1904.
- 236 'In the Days of Auld Lang Syne' (photograph of G.F. Wynne's mother, the late Mrs. Margaret Wynne enlarged from a daguerreotype taken in the year 1844). 1905.

- DD/WN/237 Mill on river Alyn at Rossett in Springtime 1906.
- 238 Entrance to World's End, nr. Llangollen. 1908.
- 239 Plas Ucha, Worlds End, nr. Llangollen (formerly known as Hafod Cadwgan and later, Eglwyseg Manor House), 1909.
- 240 Tintern Abbey on the Wye 1910.
- 241 Bedouin Arabs in Tunis, 1911.

PERSONAL PAPERS

Family Photographs

- 242- Wynne family groups and friends? n.d. (late 19thc-c.1915)
255 (14 items).
- 256 Photograph Album belonging to? Eric Wynne containing photographs of ? Wynne family on holiday at Rhyl, and elsewhere, motor-cycle, and wireless. c.1915-35.
- 257 Plas Gwyn, Minera. n.d. (early 20thc.).
- 258 Sundial in the rose garden, opposite side of road from Plas Gwyn. n.d. (early 20th c.) (2 copies).
- 259 Large group of men and women taken in front garden, Plas Gwyn. c.1920.
- 260 Photograph album containing photographs of HMS. Devonshire, its gun crew, naval officers, band, etc., and other ships, incl. HMS. Niobe, SS Olympic, SS Justicia, HMS. Busk, SS Matagama, views of New York and other American cities. c. 1918.
- 261 Panoramic view of Boston Navy Yard, U.S.A., and ships, SS. City of Rome, USS. Mount Vernon, HMS. Devonshire. 1918.
- 262 HMS. Devonshire's ship company at Boston Navy Yard, U.S.A. 1918.

Freemasonry

- 263 Photograph of (?Rev.) W. Humphreys, Prov. Grand Chaplain of Cheshire wearing Masonic apron, etc. 1911-12.
- 264 Photograph of a Masonic apron.

Miscellaneous

- 265 Letter from Messrs. Beyer Peacock & Co. containing statements attesting G.F. Wynne's satisfactory progress and conduct while employed at Gorlon Foundry, Manchester in 1874-5. 1876.

P.B. Alley, William Frederick Palmer. A Souvenir by a friend. 1899 [financial and managing director of Platt Bros. & Co., Manchester, architects and surveyors, where J. Wynne was secretary, c. 1892-4].

- 267 Poem to mark the recent addition of G.F. Wynne to the Commission of the Peace for Denbighshire (extract from Wrexham Advertiser, November 1912).
- 268 Vehicle registration books (steam wagon, and scooter). 1921 and 1929 (2 items).
- 269 Copy etching depicting Sir Alexander Ball, (1759-1809), born at Stonehouse Court, Gloucestershire, first Governor of Malta, first cousin to Christopher Robin Wynne's great great grandmother.

PLANS

Minera Mining Co.Minera Mines:

- 270 Plan of surface workings surveyed by Henry Dennis. 1858.
Scale: 2 chains = 1 in. 119 cm. x 373 cm.
Shows: engine houses, dressing floors, kilns, workshops, farms and other buildings, field boundaries, ponds and streams, footpaths; names of shafts, owners of minerals/land, and some farms, mills, etc. (incl. Ty Hir, Maesfynnon, Hafod, Penybont, Ty Brith, Minera Mill Pentre, Caermynydd, Rhosddwr, Nant Mill).
- 271 Section of Deep Day Level. 30 July 1858. (from trial, March 1858).
Scale: vert. 10 yds = 1 in. 80 cm. x 501 cm.
hor. 22 yds = 1 in.
Shows: Nant Mill, and New Mill.
- 272 Section from mouth of Deep Adit Level to New Engine Shaft. n.d. (mid-19th c.) (lithograph).
Scale: 40 yds = 1 in. 32 cm. x 162 cm.
Shows: engine house at Engine Shaft, names of shafts.
- 273 Plan of Rev. R.D. Thomas' land.
Surveyed by H.D. [Henry Dennis]. 1858.
Scale: 2 chains = 1 in. 62 cm. x 477 cm.
Shows: buildings, lime kilns, field boundaries; names of shafts, railways (Minera Mine, and Minera Branch).
- 274-5 Plan of underground workings and boundaries on Rev. R.D. Thomas' land. 25 March 1858 (2 items).
Scale: 20 yds = 1 in. 99 cm. x 128 cm.
80 cm. x 127 cm.
Shows: field boundaries, river; names of shafts, veins, levels, adjacent owners of minerals/lands.

- DD/WN/285 Longitudinal section of South Vein workings (Morgan's Shaft to Taylor's Shaft). n.d. (1860s).
Scale: 10 fathoms = 1 in. 99 cm. x 304 cm.
Shows: workings to 1865; names of shafts, owners of minerals/lands (Thomas, France-Hayhurst, Kyrke).
- 286 Longitudinal section of South Vein workings (Taylor's Shaft to New Minera Shaft) n.d. (1860s)
Scale: 10 fathoms = 1 in. 113 cm. x 197 cm.
Shows: names of shafts, level (Deep Day Level).
- 287 Longitudinal section of North Vein workings (Taylor's Shaft to New Minera Shaft). n.d. (1860s).
Scale: 10 fathoms = 1 in. 113 cm. x 226 cm.
Shows: names of shafts, level (Deep Day Level).
- 288 Longitudinal section of underground workings (Meadow Slip Shaft to Maesfynnon Shaft) n.d. (mid-19th c.).
Scale: 20 fathoms = 1 in. 65 cm. c 157 cm.
Shows: names of shafts, owners of minerals/lands.
- 289 Section of Main Vein workings (Morgan's Shaft to No. 5 Shaft) c. 1865 (2 items).
Scale: 2 chains = 1 in. 29 cm. x 144 cm.
Shows: old workings, and workings to 30 June 1865; names of shafts.
- 290 Section of Red Vein and South Vein workings (Maesfynnon Shaft to Meadow Shaft). c. 1865.
Scale: 2 chains = 1 in. 30 cm. x 128 cm.
Shows: old workings, and workings to 30 June 1865.
- 291 Section showing strata between Minera Mines and Brymbo Colliery.
Scale: hor. 2 chains = 1 in. 63 cm. x 231 cm.
vert. 50 ft. = 1 in.
Shows: Pentre Saeson and No. 1 Smelt pits.
- 292 Plan showing proposed course of workings. n.d. (19th c.).
Scale: 6 chains = 1 in. 37 cm. x 83 cm.
Shows: buildings, roads, field boundaries; names of shafts.
- 293 Plan showing traspass. n.d. (19th c.).
Scale: 2 chains = 1 in. 47 cm. x 88 cm.
Shows: buildings, field boundaries; names of owners of minerals/lands.
- 294 Plan of lands and surface workings. n.d. (19th c. tracing).
Scale: 2 chains = 1 in. 60 cm. x 97 cm.
Shows: buildings, field boundaries, names of shafts, buildings, (City Arms, Street Isaf and Nant Farm), owners of minerals/lands (J. Burton, Fitzhugh, and Hastings).

- DD/WN/295 Plan of surface workings. n.d. (19th c. tracing).
 Scale: 2 chains = 1 in. 64 cm. x 94 cm.
 Shows: buildings, roads, field boundaries; names
 of owners of minerals/lands.
- 296 Plan of land belonging to Chester Charity Trustees n.d.
 (19th c. tracing).
 Scale: 2 chains = 1 in. 55 cm. x 75 cm.
 Shows: field boundaries, lands coloured to show
 mineral ownership, names of shafts.
- 297 Plan of land at Minera. Surveyed by Dennis & Son, Engineer's
 offices, Ruabon 11 July 1893.
 Scale: 2 chains = 1 in. 43 cm. x 59 cm.
 Shows: shaft.
- 298 Plan and sections of proposed diversion of road in
 Minera township, Wrexham parish. Surveyed by Henry Dennis,
 1 November 1864.
 Scale: approx. 1 chain = 1 in. 74 cm. x 103 cm.
 Shows: road to be stopped and proposed new road;
 names of buildings (incl. City Arms, Minera
 Mining Co. offices, Cae Mynydd).
- 299 Plan of field at Minera belonging to T.L. Fitzhugh, esq.
 Surveyed 27 June 1864.
 Scale: 1 chain = 1 in. 72 cm. x 46 cm.

Park Mines:

- 300 Plan and section of land (about 200a) on Minera Mountain
 to be leased by the Most Noble the Marquis of Westminster
 to the Park Mining Company. Surveyed by Isaac Shone, Berse
 Drelin Court, Wrexham, 1858.
 Scale: plan 3 chains = 1 in. 132 cm. x 167 cm.
 section 3 chains = 1 in. (hor.)
 40 ft. = 1 in (vert.)
 Shows: engine house on Park Vein; Craig Shaft,
 Minera Corn Mill.
- 301 Longitudinal section of workings. n.d. (? 1860s).
 Scale: hor. 2 chains = 1 in. 66 cm. x 182 cm.
 vert. 400/3ft = 1 in.
- 302 Section of Minera Upper Day Level. Surveyed by Henry Dennis.
 August 1862.
 Scale: 2 chains = 1 in 65 cm. x 15 cm.
- 303 Section (North-South) at New Shaft n.d. Revised part
 of section appended. 1868.
 Scale: 10 fathoms = 1 in. 48 cm. x 42 cm.

Pool Park Mines:

- DD/WN/304 Pool Park Mines
Plan and section of workings tracing 'from Old Plan at the Mine'), and 10 other tracings. c. 1859.
Scale: 10 fathoms = 1 in. 55 cm. x 106 cm.

South Minera Mines:

- 305 Surface plan, surveyed by Isaac Shone, Wrexham.
23 October 1856.
Scale: 4 chains = 1 in. 64 cm. x 113 cm.
Shows: Shafts, roads, rivers; names of adjoining owners of minerals/lands.
- 306 Plan of surface workings and boundaries n.d. (? 1850s).
Scale: 4 chains = 1 in. 96 cm. x 126 cm.
Shows: buildings, tracks, streams.
- 307 Working Gomerian section n.d. (? 1860s).
Scale: hor. 8 chains = 1 in. 31 cm. x 79 cm.
vert. 100 ft = 1 in.
Shows: names of shafts, strata.

Other Mines:

- 308 Cae Pant Mine, Minera
Plan and section (at Shaft no. 1), surveyed by Wm. Chaloner, Cyfnant, mining agent. 1865.
Scale: 8 yds. = 1 in. 76 cm. x 56 cm.
Shows: Shafts nos. 2 and 3.
- 309 Central Minera Mine
Plan of workings.
Scale: 40 yds to 1 in. 72 cm. x 99 cm.
Shows: names of shafts.
- 310 Minera Park and South Minera Mines.
Plan of workings (Minera Union, Great Minera, Park Mines, Pool Park, South Minera).
Scale: 4 chains = 1 in. 136 cm. x 181 cm.
Shows: buildings, field boundaries, roads:
names of shafts.
- 311 Minera Union
Plan (tracing) of surface workings.
Scale: 2 chains = 1 in. 65 cm. x 99 cm.
Shows: buildings, field boundaries, with shafts pencilled in.
- 312 New Minera Shaft
Plan and sections of South and North Veins workings (19th c. tracing).
Scale: 10 fathoms = 1 in. 25 cm. x 42 cm.

DD/WN/313 West Cefn y Gist Mine, [Minera].
Plan and sections of workings n.d. (? 1860s).
Scale: 10 fathoms = 1 in. 62 cm. x 78 cm.

Misc:

- 314 Plan of the Halvans Dressing Floors, Minera. Surveyed by Henry Dennis pro E.E. March 1874.
Scale: 20 ft. = 1 in. 69 cm. x 111 cm.
Shows: buildings, reservoirs, and tramway.
- 315 Geological survey map, including Halkyn and Minera districts. 1850.
Scale: 1" 132 cm. x 135 cm.

United Minera Mining Co.

Minera Mines:

- 316 Sections of proposed railway from Meadow Shaft to New Minera, and of Branch Crusher to Rail Roys. 22 Sept. 1897 (2 items).
Natural Scale 40 ft.
Scale: hor. 2 chains = 1 in. 38 cm. x 63 cm.
vert. 20 ft. = 1 in. 38 cm. x 56 cm.
- 317 Plan and section of railway from Roy's Shaft to Meadow Shaft.
Scale: hor. 1/2500 51 cm. x 46 cm.
vert. 30 ft. = 1 in.
- 318 Plans and sections of Minera Mines, underground workings and boundaries. Surveyed by Dennis & Son. 1907 (5 sets of 8 plans each).
Scale: 10 fathoms = 1 in. 46 cm. x 57 cm.
Shows: names of shafts, veins, owners of minerals/lands.
- 319-20 Plans ('referred to') of land at Nant Farm and The Wern showing surface workings. c.1907 (2 items).
- 321 Schedule of mine plans. 1951 (notebook).

Other Mining Plans

Flintshire:

- 322 Cathole Mine
Section and plan of workings. c. 1872.
Scale: vert. 20 fathoms = 1 in. 46 cm. x 122 cm.
Shows: engine houses at Engine and Fire Engine shafts.
- 323 Coedmawr Shaft, Rhydymwyn
Plan. 19 June 1903.
Scale: 1 chain = 1 in. 45 cm. x 40 cm.
Shows: engine house, smithy, and offices.
Estimates of area of spoil heaps, etc. pencilled on plan.

- Fron Hall Lead Mine [nr. Gwernymynydd].
Plan and section of workings (office copy from plan lent to Messrs, Dennis & Glennie, by W.F.) 8 February 1868.
Scale: $\frac{1}{8}$ " = 1 yd. 52 cm. x 75 cm.
Shows: engine house
Appended, 4 other tracings.
- 325 Plan showing Fron Hall and lands (copy lent to Messrs. Dennis & Glennie, referred to by C. Thomas). 8 February 1868.
Scale: approx. 25 in. 43 cm. x 47 cm.
Shows: numbered fields, and names of adjoining landowners. Inset reference to field names and acreage.
- 326 Fron Hall Lead Mines.
Draft plan and section. Surveyed by Dennis & Glennie, mining engineers, Hafod y Bwch, nr. Ruabon. 9 March 1868.
Scale: vert. 10 fathoms = 1 in. 62 cm. x 100 cm.
hor. 1 chain = 1 in.
Shows: existing and proposed new shafts, buildings, field boundaries.
- 327 Gwernymynydd Mine
Plan and sections. May 1828.
Scale: plan 32 yds. = 1 in. 64 cm. x 147 cm.
section 10 fathoms = 1 in.
Shows: workshops, kilns, engine house.
Appended, tracing, scale: plan 64 yds. = 1 in, section 20 fathoms = 1 in.: 47 cm. x 96 cm.
- 328-9 Llyn-y-pandy Farm minerals.
Plan. Surveyed by Dennis & Son, Engineer's offices, Ruabon, 1893, and 1913 (3 tracings).
Scale: 2 chains = 1 in. 50 cm. x 57 cm.
and 1/2500 37 cm. x 31 cm.
Shows: boundary of minerals.
- 330 South Llyn-y-Pandy Mine, Rhyd-y-Mwyn. (Coed Mawr Estate)
Plan and section of workings. 1891-2.
Scale: 100 yds. = $4\frac{1}{2}$ in. 84 cm. x 149 cm.
location plan 2 chains = 1 in.
- 331 South Llynypandy Mine
Plan and section of workings (copy taken from Capt. Francis' working plan 14 March 1892).
Scale: 1 chain = 1 in. 61 cm. x 105 cm.
- 332 South Llynypandy [Mine]
Plan and section of workings n.d.
Scale: 1 chain = 1 in. 78 cm. x 86 cm.

DD/WN/333

Plas yn Mhowys Colliery, Trydden, Mold (Lord Trevor's minerals).

Plan of Wall & Bench workings. 1894.

Scale: 2 chains = 1 in. 67 cm. x 154 cm.

Estimate of working, written on plan.

Cardiganshire:

334 Cwmystwyth Mines.

Plan and sections n.d. (19th c.)

(lithograph) (2 items).

Scale: Plan 30 fathoms = 1 in. 57 cm. x 76 cm.

335-6 South Cwmystwyth Mine, in parish of Lower Cwnus, Cardiganshire. n.d.

Plans and sections (5 items).

Scale: plans 1 chain = 1 in. 139 cm. x 138 cm. (max.)

10 chains = 1 in. 41 cm. x 46 cm. (min.)

sections 10 fathoms = 1 in.

20 fathoms = 1 in.

Carmarthenshire:

337 Nanty Mine, Pantmawr [Carmarthenshire]

Longitudinal section of workings. n.d.

Scale: 8 fathoms = 1 in. 81 cm. x 153 cm.

Shows: river Wye.

Merionethshire:

338 Tyn-yr-Fach Slate Property, Llanfihangel-y-Pennant, Merionethshire, belonging to Edwd. Wynne Griffith, esq. Surveyed by Messrs. Dunlop Bryant & Naylor, Westminster. 1876.

Scale: plan 3 chains = 1 in. 115 cm. x 110 cm.

section 2 chains = 1 in. (hor.)

132 ft. = 1 in. (vert.)

Shows: field boundaries and acreages, roads; names of settlements, farms (Llanfihangel-y-Pennant, Tyn-yr-fach, Gwasladfryn and Ysceiog), adjacent landowners, owners of minerals/lands, veins of slate.

339 Penarth Slate Quarries

Plan and section of inclined plane to the Holyhead turnpike road and Great Western Railway n.d. (mid-19th c.).

Scales: hor. 1 chain = 1 in. 90 cm. x 123 cm.

vert. 20 ft. = 1 in.

Montgomeryshire:

340 Llangynog Mine, [Montgomeryshire]

Draft plan of workings.

Scale 1 chain = 1 in. 88 cm. x 136 cm.

Shows: buildings, field boundaries.

Shropshire:

- DD/WN/341 Huglith and Westcott [Mines]
Plans and sections of barytes and copper workings.
Surveyed by Shropshire Mines Ltd. July 1920 (4 items).
Scale: 1:500 99 cm. x 114 cm.
66 cm. x 99 cm.
Shows: engine house and other buildings;
names of levels.

Miscellaneous

- 342 Brymbo Water Company.
Plan of new works, showing proposed line (Hope,
Llanarmon, Llandegla parishes) n.d. (early 20th c.)
(lithograph).
Scale approx. 12 chains = 1 in. 53 cm. x 83 cm.
- 343 Portfolio cover to plans and sections of Brymbo Water Co.
new works surveyed by Henry Dennis, engineer, Ruabon
1844-5 (plans, etc. missing).