

ARCHIVES RELATING TO THE GEOLOGY OF THE HUNTER REGION

N.S.W DEPT. OF MINES AND AGRICULTURE - GEOLOGICAL SURVEY MEMOIRS	A5094c(xiii)	Two copies of: N.S.W. Dept of Mines and Agriculture - Geological Survey Memoir No. 4 - Chapter 1. Description of Geological Section No. 1 Cliff Section, Moon Island to Newcastle. (1907) Full Report here: http://digsopen.minerals.nsw.gov.au/?rin=R00031679 (Date Accessed 16 July 2013).
	A5094c(v)	Copies of Historical Photographs and Engravings of Newcastle, circa 1870 – 1890's. <ul style="list-style-type: none"> ○ Photograph of Nobbys and Fort Scratchley area - circa 1890. ○ Photograph from 1878. ○ Photograph of Newcastle 1880. ○ Photograph of Newcastle 1890-9. ○ Photograph from East End 1883 or 4. ○ Photograph from Fort Scratchley 1890-9 ○ Photograph of Newcastle Harbour 1880-89. ○ Photograph of old Newcastle 1870.

A5729	Newcastle Symposia on <i>Advances in the study of the Sydney Basin</i> papers, correspondence and reports, 1966 - 1968.
A5730	Newcastle Symposia on <i>Advances in the study of the Sydney Basin</i> papers, correspondence and reports, 1969 - 1979.

A5828 (xii)	N.S.W. Department of Mines – <i>Extractive resources within Newcastle and Port Stephens 1:100,000 areas</i> , by R.E. Uren. (Geological survey report No. G.S. 1973/029, February 1973.) [Xerox copy.] <ul style="list-style-type: none"> ○ 1862 map of the Hunter River including the North and South Channels (and Stockton?). Transmitted to the Surveyor General by D. Maitland, Surveyor. ○ Drawing of Newcastle Coal Measures: from the Geological Survey of NSW Dept. of Mines Geologic Survey Report No GS1973/029 February 1973. Extractive Resources within the Newcastle and Port Stephens 1: 00,000 Areas by R.E. Uren.
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A5829 (vi)	Typescript: Re extractive resources within the Newcastle and Port Stephens 1:100,000 areas, by R.E. Uren. Geological Survey report No. G.S. I 973/029.
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A6306 (iii)	<p>Inservice courses in geology: <i>The Geology of the Upper Hunter</i>, by Beryl Nashar, September, 1977 [77/68].</p> <ul style="list-style-type: none"> ○ At the time of this course, Beryl Nashar was the Head of the Department of Geology at the University of Newcastle. ○ The course: <i>The Geology of the Upper Hunter Region</i> discusses draining of the region by the Hunter River and its tributaries. Also, radiating from Barrington tops is a radial drainage pattern of streams. ○ The guide also states there is evidence suggesting the Hunter River has repeatedly changed its course. In addition, the Hunter River has been dammed to produce Glenbawn Dam, which is designed for irrigation and flood mitigation purposes. ○ Nashar highlighted the first discovery of coal at the mouth of the Hunter River by Lieutenant Shortland in 1797, as noted by Britten. ○ Up until approximately 1827 Newcastle's coal measures were mined by convicts for the Sydney market, which exported to India, and also for local consumption. From 1827 to 1844 the A.A. Company had the monopoly, which was broken by James Brown's development of the Tomago coal measures and Four Mile Creek. ○ Completion of the Great Northern Railway line in 1857 further enhanced coal export also. ○ By 1890 exports from Newcastle (to America and China) reached up to 2,000,000 tonnes per year. ○ The discovery of the Greta coal measures in 1864 at Anvil Creek, followed by Sir Edgeworth David's geological studies led to the recognition and mining of the Greta Coal measures. ○ Just before World War One of the Newcastle Steel Works commenced and this led to further increases in the exploitation of the Newcastle coal measures. ○ 3 maps were enclosed: a Geological Map of the Upper Hunter Region, the Geology of the Barrington Tops district and a Geological Map of Murrurundi-Temi.
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UNIVERSITY OF NEWCASTLE - GEOLOGY DEPARTMENT:	A6699 (viii)	<i>Advances in the study of the Sydney Basin : Proceedings of the twenty fourth Symposium, 23rd - 25th March, 1990.</i>
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A6723	<p data-bbox="347 340 1380 405"><i>Working coal under the River Hunter, the Pacific Ocean and its tidal waters near Newcastle... by A.A. Atkinson, c. 1902. [The Geological Survey of New South Wales.]</i></p> <ul style="list-style-type: none"> <li data-bbox="400 439 1358 577">○ This report was undertaken by the Department of Mines New South Wales by A.A. Atkinson, Chief Inspector of Coal Mines. The report is noted as circa 1902. <li data-bbox="400 607 1401 857">○ The report states: Nobbys is as a prominent headland at the mouth of the Hunter River. South of Nobbys is Signal Hill, which is 120 feet above the high water mark and Shepherds hill, which is 250 feet above the high water mark, following with cliffs against the coastline, decreasing in height closer to Merewether (p.624). <li data-bbox="400 887 1358 965">○ The report states the appearance of an igneous dyke and coal-seams at Nobbys and the cliffs south of Nobbys (p.625). <li data-bbox="400 994 1406 2011">○ There are a number of useful maps and diagrams in the back of the report: <ul style="list-style-type: none"> <li data-bbox="496 1043 1358 1122">○ Figure 1: Plan of Colliery Properties near Newcastle, including Lines of Sections, Bore-Holes and Shafts. <li data-bbox="496 1151 1182 1184">○ Figures 2 - 6: Various views of a Boring Machine <li data-bbox="496 1214 1358 1292">○ Figure 7: Plan of Colliery Properties near Newcastle, including Lines of Sections, Bore-Holes and Shafts. <li data-bbox="496 1321 1358 1400">○ Figure 8: Newcastle Coal-Mining Company's A Pit to Harpers Shaft. <li data-bbox="496 1429 1342 1462">○ Figure 9: Wickham to Bullock Island Colliery Working Shaft. <li data-bbox="496 1491 1385 1570">○ Figure 10: Newcastle Coal-Mining Company's A Pit to Stockton No.3 Shaft. <li data-bbox="496 1599 975 1632">○ Figure 11: Hetton Working Shaft <li data-bbox="496 1662 1294 1740">○ Figure 12: No. 1 Bore-Hole of the Australian Agricultural Company to the face of No. 43 Bord of Stockton Colliery. <li data-bbox="496 1769 1369 1803">○ Figure 13: From Stockton Working Shaft to Bore-Hole in Roof. <li data-bbox="496 1832 1374 1910">○ Figure 14: Along No. 43 Bord of Stockton Colliery to Working-Face. <li data-bbox="496 1939 1326 2018">○ Figure 15: Along Duncan's Heading of Stockton Colliery to Working-Face.
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	<ul style="list-style-type: none"> ○ Figure 16: From Australian Agricultural Company's Sea Pit to face their Ocean Workings. ○ Figure 17: From Hetton Working-Shaft to face of their River Cross-Cuts. ○ Figure 18: From Harper's Shaft near Port Waratah to No. 3 Shaft, Stockton Collieries. ○ Figure 19: From Stockton-Working Shaft to No.1 Bore-Hole With No. 7 Diamond Drill at Nobbys. ○ Figure 20: From Newcastle Mining Company's B Pit to face of their Ocean Workings. ○ Figure 21: From Newcastle Mining Company's a Pit to to face of their Ocean Workings.
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A6723	<p>Copy of part of: History of Merewether (Haslam, Percy)</p> <ul style="list-style-type: none"> ○ In 1835 the first block of land was purchased in what would later become the suburb of Merewether. At this time the hills to the south and south-west of Newcastle city were covered by thick oak and gum trees, the flats were covered by a dense scrub of geebung, five-corner shrubs, ti-tri and a coarse bracken undergrowth. As well, the area between Bar Beach and Merewether Beach was covered by sand at quite a distance from the beach (n.p). ○ This section of the book also discusses coal being transported via train from Victoria Gulley to the Junction (p.72-73). ○ There are also 2 Interesting maps showing the Old Burwood Colliery, the Smelting Works and various tunnels and railway lines.
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UNIVERSITY OF NEWCASTLE - DEPARTMENT OF GEOLOGY: (Conduit: Ron Boyd):	A7485 (xi)	Copy of publication <i>Twenty Ninth Newcastle Symposium on "Advances in the Study of the Sydney Basin"</i> , April 6 th - 9 th , 1995.
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A7704 (iv)	Joint Coal Board - New South Wales Geological Survey, Department of Mines - Graphic Bore Logs in the Muswellbrook area, Section 27, March, 1953.
A7704 (vi)	Joint Coal Board - New South Wales Geological Survey, Department of Mines - Graphic Log of Balmoral DDH R4, Section 25, May, 1953.

A7767 (iv)	R.W. Upfold's copy of <i>The Geology of the Hunter River Coal Measures, New South Wales with Maps, Plates and Sections by T.W. Edgeworth David. Part 1. General Geology, and the Development of the Greta Coal Measures.</i> Sydney: W.A. Gullick, Government Printer, 1907.
A7767 (v)	J.Scholey's copy of <i>The Geology of the Hunter River Coal Measures, New South Wales with Maps, Plates and Sections by T.W. Edgeworth David. Part 1. General Geology, and the Development of the Greta Coal Measures.</i> Sydney: W.A. Gullick, Government Printer, 1907.

B10422	The Geology and Petrography of the Clarencetown-Paterson District (papers read by G.D. Osborne).
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B14486	J & A Brown and Abermain Seaham Collieries Ltd, Chain Valley and Wallarah Colliery Holdings - geological information, June, 1964 - April, 1970.
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C2738(i)	Geological Series, Sydney, NSW Sheet 1/56-5, Australian National Grid, 2 Edition, 1962
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C2779 (vi):	<p>Fred M Gregory, Selected Source Material on the early history of Newcastle and the lower Hunter area. Published by the Raymond Terrace and District Historical Society, 1981.</p> <ul style="list-style-type: none"> ○ Page 8a: An Eye sketch of Hunter River from the map of John Shortland (no date).
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C2779(xiv)	<p>Branagan DF, Geology and Coal Mining in the Hunter Valley, Newcastle History Monograph No. 6, 1972</p> <ul style="list-style-type: none"> ○ Provides an overview of the discovery of coal. ○ Provides detail about the expansion of the coal mining industry in the Hunter Valley/Newcastle. ○ Page 46: Map of early coal industry locations in the Newcastle district. ○ Page 47: Map of early coalmines in Newcastle. ○ Page 48: Layers of Newcastle Coalfield. ○ Page 49: Vertical section of Newcastle Coal Measures. ○ Page 53: Layers within the Newcastle Cliff section. ○ Page 54: 1855 map of the Burwood Seam.
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C2779(xix)	Nashar B, Geology of the Hunter Valley, 1967
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	<ul style="list-style-type: none"> ○ Description of the various rock types within the Hunter Valley. ○ Pictures of various fossils, within the Hunter Valley ○ A brief overview of the geological history of the Hunter Valley. ○ Details of Newcastle's geological features. ○ Details of Lake Macquarie, Maitland, Mount Sugarloaf, Pokolbin, Raymond Terrace, Port Stephens and the upper Hunter Valley geology, including geological maps.
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M34	SERIES:	COALFIELDS MAPS
	TITLE:	Maitland-Cessnock-Greta Coal Field New South Wales
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	J. Thomas Chief Mining Surveyor
	DATE:	December 16, 1934
	SCALE:	1" = 40 chains
	PHYSICAL FORM:	Print, hand coloured
	SUBJECT/AREA/FEATURES:	Maitland-Cessnock-Great Coal Field New South Wales
	NOTES:	--
	SERIES:	COALFIELDS MAPS
	TITLE:	Richmond Main: Arrangement of surface buildings
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	--
	DATE:	--
	SCALE:	40' = 1"
	PHYSICAL FORM:	Tracing
SUBJECT/AREA/FEATURES:	--	
NOTES:	--	
M36	SERIES:	COALFIELDS MAPS
	TITLE:	Plan showing underground workings in relation to surface boundaries: Richmond Main Colliery
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	--
	DATE:	--
	SCALE:	10 chains = 1"
	PHYSICAL FORM:	Tracing
	SUBJECT/AREA/FEATURES:	--
NOTES:	--	

M38	SERIES:	TRACINGS OF MINING LEASES
	TITLE:	Tracing shewing the underground workings and some of the surface features on the A. A. Company's mining lease of 400 acres [Newcastle Area]

	SURVEYOR/CARTOGRAPHER/PUBLISHER:	--
	DATE:	--
	SCALE:	--
	PHYSICAL FORM: Tracing	
	SUBJECT/AREA/FEATURES:	Shows: No. 2 Pit, Hamilton Pit, Adamstown, South Boundary of Burwood Lease, A. A. Company's South Boundary, Glebe
	NOTES:	Deacidify? Encapsulate?
M39	SERIES:	STRATA PLANS SHOWING COAL SEAMS
	TITLE:	A. A. Co.'s New Winning: tracing showing section along Jones narrow bord from C [on verso: Horizontal section narrow bord[?] under ocean]
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	William Turnbull Colliery Manager
	DATE:	[ca 1900-1902]
	SCALE:	--
	PHYSICAL FORM: Tracing	
	SUBJECT/AREA/FEATURES:	No. 13 Borehole, overall plan
	NOTES:	--
M39a	SERIES:	STRATA PLANS SHOWING COAL SEAMS
	TITLE:	... New Winning: tracing showing positions of exploring headings under the ocean and section of seam
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	William Turnbull Colliery Manager
	DATE:	April 12, 1900
	SCALE:	2 chains = 1"
	PHYSICAL FORM: Tracing	
	SUBJECT/AREA/FEATURES:	... New Winning: tracing showing positions of exploring headings under the ocean and section of seam
	NOTES:	--
M39b	SERIES:	STRATA PLANS SHOWING COAL SEAMS
	TITLE:	Tracing showing section and direction of proposed narrow drift to be driven under the ocean from Jubilee Heading
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	William Turnbull Colliery Manager
	DATE:	August 6, 1902
	SCALE:	--
	PHYSICAL FORM: Tracing	
	SUBJECT/AREA/FEATURES:	Section and plan
	NOTES:	--
M39c	SERIES:	STRATA PLANS SHOWING COAL SEAMS
	TITLE:	A. A. Company's New Winning Pit: tracing showing section of Dobbs Crosscut under the ocean
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	William Turnbull Colliery Manager

	DATE:	August 17, 1900
	SCALE:	2 chains = 1"
	PHYSICAL FORM: Tracing	
	SUBJECT/AREA/FEATURES:	Section and plan
	NOTES:	--
M40a	SERIES:	STRATA PLANS SHOWING COAL SEAMS
	TITLE:	Company's Freehold Estate [South Maitland Railway crossing Oakey Creek on the A. A. Company's estate on South Maitland Coal Field [near Hebburn?]]
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	--
	DATE:	--
	SCALE:	--
	PHYSICAL FORM: Plan	
	SUBJECT/AREA/FEATURES:	Includes Oakey Creek, Railway line, reservoir, dam and overflow
	NOTES:	--

M43	SERIES:	?
	TITLE:	Plan showing where cinder coal is met within Hetton, Stockton, and A. A. Company's Collieries [Newcastle area]
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	Drawn by Ralph Turnbull
	DATE:	November 23, 1897
	SCALE:	--
	PHYSICAL FORM: --	
	SUBJECT/AREA/FEATURES:	Newcastle: A. A. Co.'s Sea Lease, New Winning Pit area, Lindsays & Garretts Borehole, Nobby's, Hetton Coal Company's Sea lease, Stockton Coal Company's Sea lease, Wickham, Bullock Island. Alleged section of Borehole put down near Nobby's at Newcastle, for Messrs Lindsay and Garrett 1891.
	NOTES:	Includes section plans. Needs repair.

M47	SERIES:	NEWCASTLE
	TITLE:	[no title] [tracing of area of Newcastle showing new pit, F pit railway, Bull Street, Railway Street, Brooks Street, Sydney Street, Darby Street, Blane Street
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	--
	DATE:	--
	SCALE:	--
	PHYSICAL FORM: Tracing	
	SUBJECT/AREA/FEATURES:	Tracing of area of Newcastle showing new pit, F Pit railway, Bull Street, Railway Street, Brooks Street, Sydney Street,

		Darby Street, Blane Street
	NOTES:	--

M1202	SERIES:	MAPS SHOWING THE COAL RESOURCES OF THE SOUTHERN PORTION OF THE MAITLAND-GRETA-CESSNOCK COAL DISTRICT
	TITLE:	Geological map of the Southern portion of the Greta-Cessnock coalfield. Part A of 3 parts
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	Geologically surveyed by L. J. Jones, assisted by A.C. Lloyd. Based on the original survey by T. W. Edgeworth David, prepared under the direction of E. C. Andrews, Government Geologist, Department of Mines, Sydney, N.S.W.
	DATE:	1927
	SCALE:	--
	FORMAT:	--
	SUBJECT/AREA/FEATURES:	--
	NOTES:	--
M1203	SERIES:	MAPS SHOWING THE COAL RESOURCES OF THE SOUTHERN PORTION OF
	THE MAITLAND-GRETA-CESSNOCK COAL DISTRICT	
	TITLE:	Geological map of the Southern portion of the Greta-Cessnock coalfield.
	Part B of 3 parts	
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	Geologically surveyed by L. J. Jones, assisted by A.C. Lloyd. Based on the original survey by T. W. Edgeworth David, prepared under the direction of E. C. Andrews, Government Geologist, Department of Mines, Sydney, N.S.W.
	DATE:	1927
	SCALE:	--
	FORMAT:	--
	SUBJECT/AREA/FEATURES:	--
	NOTES:	--
M1204	SERIES:	MAPS SHOWING THE COAL RESOURCES OF THE SOUTHERN PORTION OF
	THE MAITLAND-GRETA-CESSNOCK COAL DISTRICT	
	TITLE:	Geological map of the Southern Portion of the Greta-Cessnock coalfield. Part C, showing sections
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	Geologically surveyed by L. J. Jones, assisted by A.C. Lloyd. Based on the original survey by T.W. Edgeworth David, prepared under the direction of E.C. Andrews, Government Geologist.,

		Department of Mines,
	Sydney, N.S.W.	
	DATE:	1927
	SCALE:	--
	FORMAT:	--
	SUBJECT/AREA/FEATURES:	--
	NOTES:	--
M1205	SERIES:	COLLIERY PLANS
	TITLE:	Seaham No. 2 Colliery B
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	--
	DATE:	--
	SCALE:	--
	FORMAT:	--
	SUBJECT/AREA/FEATURES:	West side abandoned and sealed off in November 1932.
	NOTES:	Needs repair.

M1429	SERIES:	Geological maps of New South Wales
	TITLE:	Geological maps of New South Wales [Western section]
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	Compiled from the original maps of Reverend W.B. Clarke, C.S. Wilkinson and officers of the Geological Survey Branch Department of Mines and Agriculture, New South Wales
	DATE:	1893
	SCALE:	1" = 10 miles
	FORMAT:	on linen
	SUBJECT/AREA/FEATURES:	[As TITLE] Western section
	NOTES:	Needs repair and encapsulation
M1430	SERIES:	Geological maps of New South Wales
	TITLE:	Geological maps of New South Wales [Eastern section]
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	Compiled from the original maps of Reverend W.B. Clarke, C.S. Wilkinson and officers of the Geological Survey Branch Department of Mines and Agriculture, New South Wales
	DATE:	1893
	SCALE:	1" = 10 miles
	FORMAT:	on linen
	SUBJECT/AREA/FEATURES:	[As TITLE]
	NOTES:	Needs repair and encapsulation

EDGEWORTH DAVID, PROFESSOR	M1457 - M1458	SERIES:	Geological strata plans of Lower Hunter Valley coalfields. Section I.
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T.W.		TITLE:	Coast section from Moon Island to Newcastle: Section I.
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	[David?] W.A. Gullick Government printer.
		DATE:	-
		SCALE:	500 ft to 1"
		FORMAT:	Photo – lithograph, coloured.
		SUBJECT/AREA/FEATURES:	Shows geological strata from Lake Macquarie to Newcastle.
		NOTES:	
	M1459 - M1460	SERIES:	Section II.
		TITLE:	Section parallel to axis of main anticline extending from Mount Warralong on the South to the Hunter River near Lochinvar on the North.
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	W.A. Gullick Government printer.
		DATE:	-
		SCALE:	1" to 1 mile
		FORMAT:	Photo – lithograph, coloured.
		SUBJECT/AREA/FEATURES:	[As TITLE]
		NOTES:	
	M1461 – M1462	SERIES:	Section III.
		TITLE:	Section from Rix's Creek near Singleton, to Anna Bay near Port Stephens
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	
		DATE:	
		SCALE:	1" = 2 miles and 1" = 80 chains
		FORMAT:	Photo – lithograph, coloured.
		SUBJECT/AREA/FEATURES:	Rix's Creek coal basin, Greta and Branxton coal basin, West Maitland coal basin, Paterson coal basin, Williams coal basin, Port Stephens coal basin, Glendonbrook coal basin, Greta and Branxton coal basin, West Maitland coal basin
		NOTES:	

M1463 – M1464	SERIES:	Section IV.
	TITLE:	Section along the railway line from Singleton South Eastwards to Newcastle
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	
	DATE:	
	SCALE:	1" = 80 chains, 1" = approx 5000 ft
	FORMAT:	
	SUBJECT/AREA/FEATURES:	[As TITLE]
	NOTES:	
M1465 – M1466	SERIES:	Geological strata plans of Lower Hunter coalfields. Section V.
	TITLE:	Section from near East Greta Colliery to outcrop of Muree beds on Miller's Forest Road South of Duckenfield
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	W.A. Gullick Government printer.
	DATE:	
	SCALE:	1" = 40 chains
	FORMAT:	Photo – lithograph, coloured.
	SUBJECT/AREA/FEATURES:	[As TITLE]
	NOTES:	
M1467 – M1468	SERIES:	Geological strata plans of Lower Hunter coalfields. Section VI.
	TITLE:	Section from Alison's Wyong Bore to Raymond Terrace
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	W.A. Gullick Government printer.
	DATE:	
	SCALE:	1" = 80 chains
	FORMAT:	Photo – lithograph, coloured.
	SUBJECT/AREA/FEATURES:	[As TITLE]
	NOTES:	
M1469 – M1470	SERIES:	Geological strata plans of Lower Hunter coalfields. Section VII.
	TITLE:	Section from Matthew's Gap, Pokolbin, to the A.A. Company's 3,002 ft Bore, Newcastle
	SURVEYOR/CARTOGRAPHER/PUBLISHER:	W.A. Gullick Government printer.

		DATE:	
		SCALE:	1" = 40 chains
		FORMAT:	Photo – lithograph, coloured.
		SUBJECT/AREA/FEATURES:	Matthew's Gap, Bright, Mt View, Aellalong, Barraba, Quarrybylong, Bow Wow, Cliffs, Killingworth Colliery, Fassifern, Cockle Creek, Lake Macquarie
		NOTES:	
	M1471 – M1472	SERIES:	Geological strata plans of Lower Hunter coalfields. Section VIII.
		TITLE:	Section in a general west to east direction across the carboniferous volcanic inlier of Mount Bright, near Pokolbin
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	W.A. Gullick Government printer.
		DATE:	
		SCALE:	1" = 40 chains
		FORMAT:	Photo – lithograph, coloured.
		SUBJECT/AREA/FEATURES:	Cedar Creek, Mt Bright
		NOTES:	
	M1473 – M1474	SERIES:	Geological strata plans of Lower Hunter coalfields. Section IX.
		TITLE:	Section on J&A Brown's. New railway from Pelaw-Main Colliery to the outcrop of the Borehole Coal Seam in Blue Gum Creek, 1 ½ miles north west of Minmi
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	W.A. Gullick Government printer.
		DATE:	
		SCALE:	1" = 20 chains
		FORMAT:	Photo – lithograph, coloured.
		SUBJECT/AREA/FEATURES:	Shows the splitting of the Greta coal seam eastward of Stanford-Merthyr, also the increased thickness of the Tomago coal measures
		NOTES:	

	M1475	SERIES:	Geological strata plans of Lower Hunter coalfields. Section X.
		TITLE:	Comparative series of vertical sections of the Greta coal seams
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	W.A. Gullick Government printer.
		DATE:	
		SCALE:	
		FORMAT:	Photo - lithograph
		SUBJECT/AREA/FEATURES:	Hebbarn Colliery, Abermain, Wynne and Scholey's Bore, Caledonian Coal Company, Neath Colliery, Aberdare Extended Colliery, Milton Vale, Black Creek, Anvill Creek, Greta [and other collieries]
	NOTES:		
	M1476	SERIES:	Geological strata plans of Lower Hunter coalfields. S. Section XI.
		TITLE:	Comparative series of vertical sections in the Tomago coal measures.
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	
		DATE:	
		SCALE:	1" = 200ft
		FORMAT:	Coloured photo-lithograph
		SUBJECT/AREA/FEATURES:	[As TITLE]
	NOTES:		
	M1477	SERIES:	Geological strata plans of Lower Hunter coalfields. Section XII.
		TITLE:	Newcastle stage or Newcastle series
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	
		DATE:	
		SCALE:	
FORMAT:		Photo-lithograph. Not coloured	
SUBJECT/AREA/FEATURES:		Wallarah or Bulli seam, Great Northern seam, Fassifern seam, Upper and lower pilot seams, Australasian seam, Barwood seam, Nobby's seam, Dirty	

			seam, Yard seam, Young Wallsend seam, Borehole seam.
		NOTES:	
	M1478 - M1479	SERIES:	Geological maps of coal fields in the Hunter Valley
		TITLE:	Geological map of part of the Maitland coal field, counties of Northumberland and Durham
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	Geologically surveyed by T.W.E David [and others] prepared under the direction of E.F Pittman, Department of Mines and Agriculture
		DATE:	1902
		SCALE:	1" = 20 chains
		FORMAT:	Photo-lithograph. Not coloured
		SUBJECT/AREA/FEATURES:	Vertical section and legend
		NOTES:	
	M1480	SERIES:	Geological maps of coal fields in the Hunter Valley
		TITLE:	Geological map of part of the Maitland coal field, counties of Northumberland and Durham [continuation of M1478 and M1479]
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	Geologically surveyed by T.W.E David [and others] prepared under the direction of E.F Pittman, Department of Mines and Agriculture
		DATE:	1902
		SCALE:	
		FORMAT:	
		SUBJECT/AREA/FEATURES:	Parish of Maitland, Morpeth, Heddon, Gosford, East Greta, Coal seam, Coal fields
		NOTES:	
	M1480A	SERIES:	Geological maps of coal fields in the Hunter Valley
		TITLE:	Geological map of part of the Maitland coal field, counties of Northumberland and

			Durham [continuation of M1478 and M1479]
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	Geologically surveyed by T.W.E David [and others] prepared under the direction of E.F Pittman, Department of Mines and Agriculture
		DATE:	1902
		SCALE:	
		FORMAT:	
		SUBJECT/AREA/FEATURES:	M1480A from Auchmuty library Cataloguing Department [Unknown Donor]
		NOTES:	
	M1481	SERIES:	Geological maps of coal fields in the Hunter Valley
		TITLE:	Geological map of the Hunter River coal field from Newcastle to Singleton [in three parts] [part one]
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	Geologically surveyed by T.W.E David [and others] prepared under the direction of E.F Pittman, Department of Mines and Agriculture
		DATE:	1905
		SCALE:	1" = 1 mile
		FORMAT:	Coloured photo-lithograph
		SUBJECT/AREA/FEATURES:	Extends from Kahibah to Paterson from Cessnock to Stockton
		NOTES:	
	M1482	SERIES:	Geological maps of coal fields in the Hunter Valley
		TITLE:	Geological map of the Hunter River coal field from Newcastle to Singleton [in three parts] [part two] Inset map of Rothbury, Pokolbin areas
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	Geologically surveyed by T.W.E David [and others] prepared under the direction of E.F Pittman, Department of Mines and

			Agriculture
		DATE:	1905
		SCALE:	1" = 1 mile
		FORMAT:	Coloured photo-lithograph
		SUBJECT/AREA/FEATURES:	From Warkworth to Cessnock and Branxton [needs encapsulation]
		NOTES:	
	M1483	SERIES:	Geological maps of coal fields in the Hunter Valley
		TITLE:	Geological map of the Hunter River coal field from Newcastle to Singleton [in three parts] [part three]
		SURVEYOR/CARTOGRAPHER/PUBLISHER:	
		DATE:	
		SCALE:	
		FORMAT:	
		SUBJECT/AREA/FEATURES:	Nobby's head, Port Stephens, Limeburners Creek
		NOTES:	

DRAWER THREE: OSBORNE DR. G.D.	M2310	SERIES:	Geological maps
		TITLE:	Geological map of the Carboniferous Rocks in the Muswellbrook – Scone District [in 2 parts].
		CARTOGRAPHER/ SURVEYOR/ PUBLISHER:	Dr. G.D. Osborne
		DATE:	[Ca 1950]
		SCALE:	1"= 2 miles
		FORMAT:	Original pen drawing
		SUBJECT/ AREA/ FEATURES:	"Dr. Osborne of Sydney University was an active... researcher into the geology of the Hunter Valley... [Note by Professor Ritchie 1977]
		NOTES:	

M2380	SERIES:	Newcastle geology
	INDEX NO:	55
	TITLE:	[Cross section of geological FORMATIONS Newcastle and Stockton in 3 sections]
	CARTOGRAPHER/ SURVEYOR/ PUBLISHER:	
	DATE:	
	SCALE:	Horizontal: 8 chains to 1"

		Vertical: 80 ft to 1"
	FORMAT:	Xerox copy
	SUBJECT/ AREA/ FEATURES:	Local History map C622 38/15
	NOTES:	

BROKEN HILL PROPRIETARY COMPANY LTD	M2877 – M2879	SERIES:	Geological charts
		TITLE:	Table of Bores in the Permocarboniferous coal basin of N.S.W
		CARTOGRAPHER/ SURVEYOR/ PUBLISHER:	Francis J. Bradshaw
		DATE:	1884 – 1924
		SCALE:	
		FORMAT:	Three charts on linen
		SUBJECT/ AREA/ FEATURES:	Donated by J. Murray N.B. Card in acquisitions under Bradshaw
		NOTES:	

M4000 (Part 1)	SERIES:	Coalfield maps
	INDEX NO:	5
	TITLE:	[Cover TITLE] The coal resources of the southern portion of the Maitland – Cessnock – Greta coal district. [In 3 parts] (Mineral resources, No.37).
	CARTOGRAPHER/ SURVEYOR/ PUBLISHER:	Department of Mines, Sydney
	DATE:	1927
	SCALE:	1" = 40 chains
	FORMAT:	Coloured print
	SUBJECT/ AREA/ FEATURES:	
	NOTES:	
M4001 (Part 2)	SERIES:	
	TITLE:	Map TITLE: Geological map of the southern portion of the Greta – Cessnock coalfield County of Northumberland.
	CARTOGRAPHER/ SURVEYOR/ PUBLISHER:	Surveyed by L.J. Jones and A.C Lloyd, based on the original survey by T.W.E. David.
	DATE:	
	SCALE:	
	FORMAT:	
	SUBJECT/ AREA/ FEATURES:	
	NOTES:	
M4002 (Part 3)	SERIES:	
	TITLE:	Part 3: Section
	CARTOGRAPHER/ SURVEYOR/ PUBLISHER:	
	DATE:	
	SCALE:	

	FORMAT:	
	SUBJECT/ AREA/ FEATURES:	
	NOTES:	

UNACCESSIONED MATERIAL

- 50A1 Geology Department – Belltrees Aerial photos + student reports (via Richard Bale 2012) – 2 boxes
- 52A3 Geology (via Richard Bale in several consignments) – 19 boxes
- 55B4 Geology Department (via Richard Bale 10/2008) – 5 boxes
- 55B5 Geology reprints (via Richard Bale 12/2010) – 4 boxes

(List compiled by Gregg Heathcote, 20 January 2017. Notes on records by Brooke Sargent, January 2017.)