

Narrabri Underground Mine Stage 3 Extension Project

Environmental Impact Statement



8 **REFERENCES**

- 2rog Consulting (2020) Agricultural Impact Statement Narrabri Underground Mine Stage 3 Extension Project. Prepared for Narrabri Coal Operations Pty Ltd.
- Advitech Pty Limited (2012a) Archaeological Survey, Aboriginal Sites within Panels 6 and 7.
- Advitech Pty Limited (2012b) Archaeological Survey Report, Site "Pine Creek T1/AGG 1".
- Advitech Pty Limited (2013) Aboriginal Cultural Heritage Assessment – Narrabri Mine Panel 8-13.
- Advitech Pty Limited (2014) Energy Saving Action Plan.
- Air Environment (2016) Santos Narrabri Gas Project -Environmental Impact Assessment - Air Quality Impact Assessment.
- AMBS Ecology and Heritage (2020a) Narrabri Underground Mine Stage 3 Extension Project – Flora Survey Report. Prepared for Whitehaven Coal Limited.
- AMBS Ecology and Heritage (2020b) Narrabri Underground Mine Stage 3 Extension Project – Fauna Survey Report. Prepared for Whitehaven Coal Limited.
- AnalytEcon (2020) *Economic Assessment Narrabri* Underground Mine Stage 3 Extension Project. Prepared for Narrabri Coal Operations Pty Ltd.
- Aquaterra (2009) Narrabri Coal Mine Stage 2 Longwall Project, Hydrogeological Assessment.
- Archaeological Surveys & Reports Pty Ltd (2009) Narrabri Coal Mine Stage 2 Longwall Project Aboriginal Heritage Assessment.
- Askland, H.H., Askew, M., Hanley, J., Sherval, M., Farrugia, D., Threadgold, S., Coffey, J. (2016) Local Attitudes to Changing Land Use – Narrabri Shire.
- ATC Williams (2019) Narrabri Coal Operations Reject Emplacement Engineering Assessment.

- Australasian Groundwater and Environment Consultants Pty Ltd (2020) Groundwater Assessment – Narrabri Underground Mine Stage 3 Extension Project.
- Australia International Council on Monuments and Sites (2013) The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance.
- Australian Archaeological Survey Consultants Pty Ltd (2007) Narrabri Coal Project Aboriginal Heritage Assessment.
- Australian Coal Association Research Program (2003) ACARP Project No. C10023, Review of Industry Subsidence Data in Relation to the Impact of Significant Variations in Overburden Lithology and Initial Assessment of Sub-Surface Fracturing on Groundwater. Ditton, S. and Frith, R.C. Strata Engineering Report No. 00-181-ACR/1 (Sep).
- Australian Geomechanics Society (2007) Practice Note Guidelines for Landslide Risk Management 2007. Australian Geomechanics Society Landslide Taskforce, Landslide Practice Note Working Group.
- Australian Heritage Commission (2002) Ask First: A guide to respecting indigenous heritage places and values.
- Australian Rail Track Corporation (2020) Narrabri to North Star (NSW) Website: https://inlandrail.artc.com.au/N2NS Date accessed: July 2020.
- Austroads (2017) Guide to Traffic Management Part 6: Intersections, Interchanges and Crossings.
- Austroads (2020) Guide to Traffic Management Part 3: Traffic Study and Analysis Methods.
- Barnett B., Townley L.R., Post V., Evans R.E., Hunt R.J., Peeters L., Richardson S., Werner A.D., Knapton A. and Boronkay A. (2012) *Australian* groundwater modelling guidelines. Waterlines report, National Water Commission, Canberra.



- Beamish, B. (2006) Spontaneous Combustion Indices Derived from Coal Quality Data, Narrabri Coal Project.
- CDM Smith (2016) Narrabri Gas Project Groundwater Impact Assessment.
- CDM Smith (2020) Narrabri Underground Mine Stage 3 Extension Project Social Impact Assessment. Prepared for Narrabri Coal Operations Pty Ltd.
- Central Queensland Cultural Heritage Management Pty Ltd (2016) Aboriginal Cultural Heritage Assessment Report for the Narrabri Gas Project.
- Colquhoun G.P., Hughes K.S., Deyssing L., Ballard J.C., Folkes C.B, Phillips G., Troedson A.L. & Fitzherbert J.A. (2020) *New South Wales Seamless Geology dataset, version 2.0* [Digital Dataset]. Geological Survey of New South Wales, Department of Regional NSW, Maitland.
- Commonwealth Bureau of Meteorology (2018) Groundwater Dependent Ecosystem Atlas.
- Commonwealth Bureau of Meteorology (2020) *Climate Data Online. Website:* <u>http://www.bom.gov.au/climate/data/</u> Date accessed: June 2020.
- Commonwealth of Australia (1992) National Strategy for Ecologically Sustainable Development.
- Commonwealth of Australia (2015) Australia's Intended Nationally Determined Contribution to a new Climate Change Agreement – August 2015.
- Commonwealth of Australia (2017) Review of Climate Change Policies: Discussion Paper.
- Commonwealth Scientific and Industrial Research Organisation and Bureau of Meteorology (2015) Climate Change in Australia Information for Australia's Natural Resource Management Regions: Technical Report.
- Cumberland Ecology (2011) Maules Creek Coal Project Ecological Assessment. Prepared for Hansen Bailey.
- Department for Environment, Food and Rural Affairs (2019) UK Government GHG Conversion Factors for Company Reporting.

Department of Climate Change, National Development & Reform Commission of China (2015) Enhance Actions on Climate Change: China's Intended Nationally Determined Contributions. Website: https://www4.unfccc.int/sites/ ndcstaging/PublishedDocuments/China%20F irst/China%27s%20First%20NDC%20Submi ssion.pdf Date accessed: July 2019.

- Department of Environment and Climate Change (2004) National Parks and Wildlife Act 1974: Part 6 Approvals – Interim Community Consultation Requirements for Applicants.
- Department of Environment and Climate Change (2008) Managing Urban Stormwater Soils and Construction – Volume 2E Mines and Quarries.
- Department of Environment and Climate Change (2009) Interim Construction Noise Guideline.
- Department of Environment and Conservation (2004) Environmental Guidelines: Use of Effluent by Irrigation.
- Department of Environment and Conservation (2005) Draft Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation.
- Department of Environment and Conservation (2006) Assessing Vibration: A technical guideline.
- Department of Environment and Energy (2016) Engage Early.
- Department of Environment and Energy (2019) National Greenhouse Accounts Factors.
- Department of Environment, Climate Change and Water (2010a) Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010.
- Department of Environment, Climate Change and Water (2010b) Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales.
- Department of Environment, Climate Change and Water (2010c) Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales.



- Department of Environment, Climate Change and Water (2011) Road Noise Policy.
- Department of Infrastructure, Planning and Natural Resources (2005) Floodplain Development Manual: The Management of Flood Liable Land.
- Department of Land and Water Conservation (1998) NSW State Groundwater Quality Protection Policy.
- Department of Land and Water Conservation (2002a) NSW State Groundwater Quantity Management Policy.
- Department of Land and Water Conservation (2002b) NSW State Groundwater Dependent Ecosystems Policy.
- Department of Planning (2008) *Impacts of Underground Coal Mining on Natural Features in the Southern Coalfield: Strategic Review.*
- Department of Planning (2011a) Hazard Industry Planning Advisory Paper No. 6: Hazard Analysis.
- Department of Planning (2011b) Applying SEPP 33: hazardous and offensive development application guidelines.
- Department of Planning and Environment (2016) Dark Sky Planning Guideline.
- Department of Planning and Environment (2017) New England North West Regional Plan 2036.
- Department of Planning and Environment (2018) Technical Notes Supporting the Guidelines for the Economic Assessment of Mining and Coal Seam Gas Proposals.
- Department of Planning and Infrastructure (2011) Multi-level Risk Assessment.
- Department of Planning and Infrastructure (2012) New England North West Strategic Regional Land Use Plan.
- Department of Planning and Infrastructure (2013) Strategic Regional Land Use Policy, Guideline for Gateway Applicants, Fact Sheet.

- Department of Planning, Industry and Environment (2019) Ancillary Rules for use of Mine Site Ecological Rehabilitation as an Offset. Final Draft for Publishing Review.
- Department of Planning, Industry and Environment (2020a) Net Zero Plan Stage 1: 2020-2030.
- Department of Planning, Industry and Environment (2020b) Narrabri Gas Project Assessment Report.
- Department of Planning, Industry and Environment (2020c) Strategic Regional Land Use Policy -Strategic Agricultural Land – Biophysical.
- Department of Planning, Industry and Environment (2020d) *NSW Landuse 2013.* Website: https://datasets.seed.nsw.gov.au/ dataset/nsw-landuse-2013. Date accessed: June 2020.
- Department of Planning, Industry and Environment (2020e) *BioNet Threatened Biodiversity Data Collection.*
- Department of Primary Industries (2013a) *NSW Policy* and Guidelines for Fish Habitat Conservation and Management.
- Department of Primary Industries (2013b) Agricultural Impact Statement Technical Notes: A Companion to the Agricultural Impact Statement Guideline. April 2013.
- Department of the Environment (2013) Significant impact guidelines 1.3: Coal seam gas and large coal mining developments—impacts on water resources.
- Department of Primary Industries Office of Water (2012) Aquifer Interference Policy.
- Department of the Environment (2015) *Australia's 2030 Climate Change Target.*
- Department of Urban Affairs and Planning (1998) Managing Land Contamination Planning Guidelines SEPP 55 – Remediation of Land.
- Ditton Geotechnical Services Pty Ltd (2020) *Mine Subsidence Assessment - Narrabri Underground Mine Stage 3 Extension Project.* Prepared for Narrabri Coal Operations Pty Ltd.



Doody, Hancock and Pritchard (2019) Assessing Groundwater-Dependent Ecosystems.

- Dowdy AJ., Grose MR., Timbal B., Moise A., Ekstrom M., Bhend J. and Wilson L. (2015) *Rainfall in Australia's eastern seaboard: a review of confidence in projections based on observations and physical processes.*
- Eco Logical Australia (2014) *Narrabri Mine Tree Health Assessment (LW101-103).* Prepared for Narrabri Coal Operations Pty Ltd.
- Eco Logical Australia Pty Ltd (2016) Narrabri Gas Project – Ecological Impact Assessment. Prepared for Santos New South Wales (Eastern) Pty Ltd.
- Eco Logical Australia Pty Ltd (2017a) Narrabri Mine Rehabilitation Management Plan (LW101 to LW110).
- Eco Logical Australia Pty Ltd (2017b) Narrabri Coal Mine - Landscape Management Plan.
- Eco Logical Australia Pty Ltd (2017c) Narrabri Coal Mine – Biodiversity Management Plan.
- Eco Logical Australia Pty Ltd (2019a) *Biodiversity Offset Strategy.* Prepared for Narrabri Coal Operations Pty Ltd.
- Eco Logical Australia Pty Ltd (2019b) Flora Surveys South of the Narrabri Underground Mine. Prepared for Whitehaven Coal Limited.
- Eco Logical Australia Pty Ltd (2019c) Narrabri Mine Land Management Plan (LW107 to LW110). Prepared for Narrabri Coal Operations Pty Ltd.
- Eco Logical Australia Pty Ltd (2019d) Narrabri Mine Rehabilitation Management Plan (LW101 to LW110). Prepared for Narrabri Coal Operations Pty Ltd.
- Eco Logical Australia Pty Ltd (2019e) *Agricultural Impact* Statement for Gateway Application – Narrabri Underground Mine Stage 3 Extension Project.
- EDAW Pty Ltd (2006) NCIG Coal Export Terminal Visual Assessment. Report prepared for Newcastle Coal Infrastructure Group.
- Environment & Natural Resource Solutions Pty Ltd (2020) Groundwater Bore Census – Narrabri Underground Mine Stage 3 Extension Project.

- Environment Protection Authority (2013) Rail Infrastructure Noise Guideline.
- Environmental Protection Authority (2014) Waste Classification Guidelines Part 1: Classifying Waste.
- Environmental Protection Authority (2015) *Flaring of gas.*
- Environmental Protection Authority (2016) Approved Methods for the Modelling and Assessment of Air Pollutants in NSW.

Environmental Protection Authority (2017a) *The waste hierarchy.* Website: https://www.epa.nsw.gov.au/yourenvironment/recycling-and-reuse/warrstrategy/the-waste-hierarchy Date accessed: October 2020.

- Environmental Protection Authority (2017b) *Noise Policy for Industry.*
- Environmental Protection Authority (2020) *Consultants* reporting on contaminated land – Contaminated Land Guidelines.
- Fairfull, S. and Witheridge, G. (2003) Why do fish need to cross the road? Fish Passage Requirements for Waterway Crossings. NSW Fisheries, Cronulla.
- Fison, L. and Howitt, A.W. (1867) Kamilaroi and Kurnai: Group Marriage and Relationship, and Marriage by Elopement. Anthropological Publications, Oosterhout, Netherlands.
- Geo-Environmental Management (2020) Environmental Geochemistry Assessment – Narrabri Underground Mine Stage 3 Extension Project. Prepared for Narrabri Coal Operations Pty Ltd.
- GHD (2017a) Narrabri Gas Project Environmental Impact Statement.
- GHD (2017b) Inland Rail Programme Narrabri to North Star Project Environmental Impact Statement.
- GHD (2018) Inland Rail Narromine to Narrabri Scoping Report.
- GHD (2019) Silverleaf Solar Farm Pty Ltd Narrabri 120 MW Solar Farm Environmental Impact Statement.



Gott, B. (1983) Murnong – Microseris scapigera: a study of a staple food of Victorian Aborigines. Australian Aboriginal Studies 2, 2-18.

Government of India (2016) India's Intended Nationally Determined Contribution: Working Towards Climate Justice.

Government of Indonesia (2016) First Nationally Determined Contribution Republic of Indonesia.

Government of Japan (2020) Submission of Japan's Intended Nationally Determined Contribution.

Government of Malaysia (2015) Intended Nationally Determined Contribution of the Government of Malaysia.

Government of South Korea (2015) Submission by the Republic of Korea – Intended Nationally Determined Contribution.

Government of Taiwan (2015) Submission by Republic of China (Taiwan) Intended Nationally Determined Contribution.

Government of Vietnam (2015) Intended Nationally Determined Contribution of Viet Nam.

- Ground Doctor Pty Ltd (2020) Land Contamination Assessment (Stage 1 – Preliminary Investigation) - Narrabri Underground Mine Stage 3 Extension Project. Prepared for Narrabri Coal Operations Pty Ltd.
- GT Environmental (2020) Land Resources Assessment Narrabri Underground Mine Stage 3 Extension Project. Prepared for Narrabri Coal Operations Pty Ltd.

Haglund, L. (1986) Preliminary Sampling Surveys for Aboriginal Sites, Maules Creek Project, NSW.

Hansen Bailey (2010) *Continuation of Boggabri Coal Mine Environmental Assessment*. Prepared for Boggabri Coal Pty Limited. Herron NF, Peeters L, Crosbie R, Marvanek SP,
Pagendam D, Ramage A, Rachakonda PK and
Wilkins A. (2018) Groundwater numerical modelling for the Hunter subregion.
Product 2.6.2 for the Hunter subregion from the Northern Sydney Basin Bioregional Assessment.
Department of the Environment and Energy,
Bureau of Meteorology, CSIRO and Geoscience Australia, Australia.

Holla, L. and Barclay, E. (2000) *Mine Subsidence in the Southern Coalfields*.

Howitt, A.W. (1996) *The Native Tribes of South-East Australia.* Aboriginal Studies Press, Canberra.

Hunter Gas Pipeline Pty Ltd (2008) Queensland Hunter Gas Pipeline Environmental Assessment.

HydroSimulations (2015) Narrabri Mine Modification, Groundwater Assessment.

HydroSimulations (2019) Narrabri Underground Mine Stage 3 Extension Project: Gateway Application Preliminary Groundwater Assessment.

Independent Expert Panel for Mining in the Catchment (2018). Initial Report on Specific Mining Activities at the Metropolitan and Dendrobium Coal Mines.

Independent Expert Scientific Committee (2018) Information Guidelines for the Independent Expert Scientific Committee advice on coal seam gas and large coal mining development proposals.

International Energy Agency (2019) World Energy Outlook 2019.

Jacobs Group (Australia) Pty Limited (2020) Narrabri Underground Mine Stage 3 Extension Project Air Quality and Greenhouse Gas Assessment. Prepared for Narrabri Coal Operations Pty Ltd.

Katestone Environmental Pty Ltd (2011) NSW Coal Mining Benchmarking Study: International Best Practice Measures to Prevent and/or Minimise Emissions of Particulate Matter from Coal Mining.



- Landcom (2004) Managing Urban Stormwater, Soils and Construction.
- Landskape (2010) Aboriginal Cultural Heritage Site Locations: Narrabri Coal Mine.
- Lindenmayer, D. and Burgman, M. (2005) *Practical Conservation Biology*. CSIRO Press, Melbourne.
- McNeilage C. (2006) Upper Namoi groundwater flow model.
- Melotte Consulting (2018) Narrabri South Solar Farm Environmental Impact Statement.
- Middlemis and Peeters (2018) Uncertainty Analysis Guidance for groundwater modelling within a risk management framework.
- Mining & Petroleum Gateway Panel (2019) Report by the Mining and Petroleum Gateway Panel to accompany a Conditional Gateway Certificate for the Narrabri Underground Mine Stage 3 Extension Project.
- Mitchell, T. (1839) Three Expeditions into the Interior of Eastern Australia, 2 vols; second edition. London: T W Boone.
- Namoi Gwydir Bush Fire Management Committee (2018) Bush Fire Risk Management Plan 2018.
- Narrabri Coal Pty Ltd (2007) Spontaneous Combustion Management Plan for the Narrabri Coal Mine.
- Narrabri Coal Operations Pty Ltd (2015a) Waste Management Plan.
- Narrabri Coal Operations Pty Ltd (2015b) *Environmental* Management Strategy.
- Narrabri Coal Operations Pty Ltd (2015c) Air Quality Monitoring Program.
- Narrabri Coal Operations Pty Ltd (2016a) Extraction Plan.
- Narrabri Coal Operations Pty Ltd (2016b) Bushfire Prevention Standard.
- Narrabri Coal Operations Pty Ltd (2017a) Water Management Plan.
- Narrabri Coal Operations Pty Ltd (2017b) Extraction Plan.

- Narrabri Coal Operations Pty Ltd (2017c) *Extraction Plan Water Management Plan LW 107 to LW 110.*
- Narrabri Coal Operations Pty Ltd (2018) Noise Management Plan.
- Narrabri Coal Operations Pty Ltd (2019a) Narrabri Mine Aboriginal Cultural Heritage Management Plan.
- Narrabri Coal Operations Pty Ltd (2019b) Annual Environmental Management Report (ML 1609) and Annual Review.
- Narrabri Coal Operations Pty Ltd (2019c) Mining Operations Plan.
- Narrabri Coal Operations Pty Ltd (2019d) Bushfire Prevention Trigger Action Response Plan.
- Narrabri Coal Operations Pty Ltd (2020) Narrabri Mine 2019 Annual Review.
- Narrabri Shire Council (2016) Narrabri Shire Community Strategic Plan 2017 – 2027.
- Narrabri Shire Council (2019) Narrabri Shire Section 7.11 - Fixed Contributions Plan 2016.
- New South Wales and Australian Capital Territory Regional Climate Modelling Project (2015) *NSW Climate projections map for 2060-2079* Website: https://climatechange.environment. nsw.gov.au/Climate-projections-for-NSW/Interactive-map Date accessed: June 2020.
- New South Wales Government (2015) *Guidelines for the Economic Assessment of Mining and Coal Seam Gas Proposals.*
- New South Wales Government (2018) Voluntary Land Acquisition and Mitigation Policy – For State Significant Mining, Petroleum and Extractive Industry Developments.
- New South Wales Government (2020) *Strategic* Statement on Coal Exploration and Mining in NSW.
- New South Wales Health and New South Wales Minerals Council (2020) *Technical Paper – Particulate Matter and Mining Interim Report.*



- New South Wales Heritage Office and Department of Urban Affairs and Planning (1996) NSW Heritage Manual.
- New South Wales Minerals Council (2010) NSW Minerals Industry Due Diligence Code of Practice for the Protection of Aboriginal Objects.
- New South Wales National Parks and Wildlife Service (1997) Aboriginal Cultural Heritage: Standards and Guidelines Kit.
- New South Wales Rural Fire Service (2019) *Planning for Bush Fire Protection 2019.*
- New South Wales Trade and Investment (2012) MDG6001 Guideline for the Permanent Filling and Capping of Surface Entries to Coal Seams.
- New South Wales Water Resources Council (1993) The NSW State Rivers and Estuaries Policy, NSW Water Resources Council, August 1993.
- Niche Environment and Heritage (2015) Narrabri Mine Modification 5: Aboriginal Cultural Heritage Assessment.
- Niche Environment and Heritage (2018) Narrabri Mine Longwall Panel 118-120 Aboriginal Cultural Heritage Survey Report.
- Niche Environment and Heritage (2020) Narrabri Underground Mine Stage 3 Extension Project Historical Heritage Assessment. Prepared for Narrabri Coal Operations Pty Ltd.
- North West Local Land Services (2016) North West Local Land Services – Local Strategic Plan 2016-2021.
- O'Rourke, M. (1997) The Kamilaroi Lands: North-Central New South Wales in the Early 19th Century. Griffith, Australian Capital Territory: O'Rourke.
- Office of Environment and Heritage (2011) Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW.
- Office of Environment and Heritage (2012) The Land and Soil Capability Assessment Scheme: Second Approximation.
- Office of Environment and Heritage (2016) NSW Climate Change Policy Framework.

- Office of Environment and Heritage (2017a) Estimated Inherent Soil Fertility of NSW, NSW Office of Environment and Heritage, Sydney. Website: https://datasets.seed.nsw.gov.au/ dataset/estimated-inherent-soil-fertility-ofnswd793eand Guidelines Kit.
- Office of Environment and Heritage (2017b) *Biodiversity* Assessment Method.
- Office of Environment and Heritage (2018) 'Species Credit' Threatened Bats and their Habitats: NSW Survey Guide for the Biodiversity Assessment Method.
- Office of Environment and Heritage and Office of Agricultural Sustainability and Food Security (2013) Interim Protocol for site verification and mapping of biophysical strategic agricultural land. First published April 2013, Sydney, NSW.
- Operational Risk Mentoring (2020) Narrabri Underground Mine Stage 3 Extension Project Environmental Risk Assessment. Prepared for Narrabri Coal Operations Pty Ltd.
- Palaris (2020a) Narrabri South Surface disturbance review – Report.
- Palaris (2020b) Narrabri South Project Gas Reservoir and Emission Assessment.
- Palaris (2020c) Gas Emissions Comparison Narrabri South.
- Parker, K. (1905) The Euahlayi Tribe: a Study of Aboriginal Life in Australia. Archibald Constable, London.
- Phillips, S. and Callaghan, J. (2011) The Spot Assessment Technique: a tool for determining localised levels of habitat use by Koalas Phascolarctos cinereus. Australian Zoologist, 35(3): 774-780.
- Pratt, W. (1998) *Gunnedah Coalfield (north) Regional Geology 1:100 000, 1st Edition.* Geological Survey of New South Wales, Sydney.
- Preston, B. and Jones, R. (2005) *Climate Change Impacts* on Australia and the Benefits of Early Action to Reduce Global Greenhouse Gas Emissions. CSIRO consultancy report prepared for the Australian Business Roundtable on Climate Change.



- R.W. Corkery & Co. Pty Ltd (2009) Environmental Assessment for the Narrabri Coal Mine Stage 2 Longwall Project.
- Radke B.M., Ferguson J., Cresswell R.G., Ransley T.R. and Habermehl M.A. (2000) *Hydrochemistry and implied hydrodynamics of the Cadna-owie – Hooray Aquifer, Great Artesian Basin.*
- Resource Strategies (2018) Vickery Extension Project Environmental Impact Statement.
- Resource Strategies (2020) *Biodiversity Development* Assessment Report. Prepared for Narrabri Coal Operations Pty Ltd.
- Richard Heggie Associates (1995) Cadia Hill Project Noise, Transportation and Blasting Assessment. Unpublished report prepared for Woodward-Clyde.
- Richardson, S., Irvine, E., Froend, R., Boon, P., Barber, S. and Bonneville, B. (2011) *Australian Groundwater-Dependent Ecosystems Toolbox*.
- Roads and Maritime Services (2017) Additional Access Conditions for oversize and overmass heavy vehicles and loads.
- Roads and Traffic Authority (2002) *Guide to Traffic Generating Developments.*
- Santos (2017) The Narrabri Gas Project Environmental Impact Assessment. Chapter 20: Aboriginal heritage.
- SLR Consulting Australia Pty Ltd (2012) Greenhouse Gas Minimisation Plan.
- SLR Consulting Australia Pty Ltd (2016) Narrabri Coal Mine – Revised Conceptual Mine Closure Plan for Stage 2 Longwall Operations.
- SLR Consulting Australia Pty Ltd (2019) Narrabri Mine Noise Monitoring - Quarter Ending September 2019 - Summary Noise Report. Prepared for Whitehaven Coal Mining Limited.
- SLR Consulting Australia Pty Ltd (2020a) Mining Operations Plan.
- SLR Consulting Australia Pty Ltd (2020b) Narrabri Coal Pollution Reduction Study – US Review of Pit Top Dust Suppression System.

- Soil Management Designs (2019) Agricultural Resource Assessment for Gateway Certificate Application: "Narrabri Underground Mine Stage 3 Extension Project" Narrabri, NSW. A report prepared for Narrabri Coal Operations Pty Ltd by Soil Management Designs, Orange NSW.
- Sreekanth, J., Cui, T., Pickett, T. and Barrett, D. (2018) Uncertainty analysis of CSG-induced GAB flux and water balance charges in the Narrabri Gas Project area.
- Spectrum Acoustics (2009) Narrabri Coal Mine Stage 2 Longwall Project Noise and Vibration Impact Assessment.
- Standards Australia (2018) Australian Standard/New Zealand Standard International Standards Organisation 31000:2018 Risk management – Guidelines.
- The Transport Planning Partnership (2020) Narrabri Underground Mine Stage 3 Extension Project Road Transport Assessment.
- Thompson, P. (1981) Environmental Impact Statement for the proposed Vickery Coal Mine Project. Report to Kembla Coal and Co Pty Ltd.
- Tindale, N.B. (1974) Aboriginal Tribes of Australia: Their Terrain, Environmental Controls, Distribution, Limits and Proper Names. University of California, Berkeley, CA.
- Transport Authorities Greenhouse Group (2013) Greenhouse Gas Assessment for Road Projects.
- Transport for New South Wales (2020) Additional Access Conditions Oversize and overmass heavy vehicles and loads.
- TUNRA Bulk Solids Research Associates (2020) Report 9982 Narrabri Coal (Operations) Pty Ltd Pollution Reduction Study.
- United Nations Framework Convention on Climate Change (2019) Nationally Determined Contributions (NDCs). Website: https://unfccc.int/process/theparisagreement/nationallydeterminedcontributions/ndc-registry#eq-1 Date accessed: July 2019.



United States Department of Agriculture – Forestry Service (1974) National Forest Landscape Management, Volume 2, Chapter 1, The Visual Management System. Agricultural Handbook No. 462, April 1974.

United States Department of the Interior (1994) Environmental Impact Statement – Robinson Project. Bureau of Land Management, Nevada.

United States Environmental Protection Agency (1985) Compilation of Air Pollutant Emission Factors.

WaterNSW (2020) *NSW Water Register.* Website: https://waterregister.waternsw.com.au/waterregister-frame Date accessed: July 2020.

Whincop Archaeology (2020) Aboriginal Cultural Heritage Assessment for the Narrabri Underground Mine Stage 3 Extension Project in the Narrabri Shire, New South Wales.

Whitehaven Coal Mining Pty Ltd (2017) Narrabri Mine 2017 Annual Review.

Whitehaven Coal Mining Pty Ltd (2019) Whitehaven Coal Standard - Risk Management.

Wilkinson Murray (2020) Narrabri Underground Mine Stage 3 Extension Project Noise & Blasting Assessment.

Wood Mackenzie (2019) Global Metallurgical Coal Long-Term Outlook H1 2019: Walking the Tightrope: Can India Provide Balance as China Transition.

World Business Council for Sustainable Development and World Resources Institute (2004) *Greenhouse Gas Protocol.*

World Business Council for Sustainable Development and World Resources Institute (2015) *Greenhouse Gas Protocol.*

World Commission on Environment and Development (1987) *Our Common Future.*

WRM Water & Environment Pty Ltd (2007) Narrabri Coal Project Surface Water Assessment. Prepared for RW Corkery & Co Pty Ltd on behalf of Narrabri Coal Operations Pty Ltd. WRM Water & Environment Pty Ltd (2020) Narrabri Underground Mine Stage 3 Extension Project Surface Water Assessment. Prepared for Narrabri Coal Operations Pty Ltd.